

PRODUCT QUICK GUIDE

# CCTV CHANNEL PRODUCTS

2020 H1

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- Turbo HD PTZ Camera
- DVR
- Encoder
- Network Camera
- PTZ Dome Camera
- Panoramic Camera
- NVR
- Kit
- Thermal
- Monitor
- Switch
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- Accessories

**HIKVISION®**

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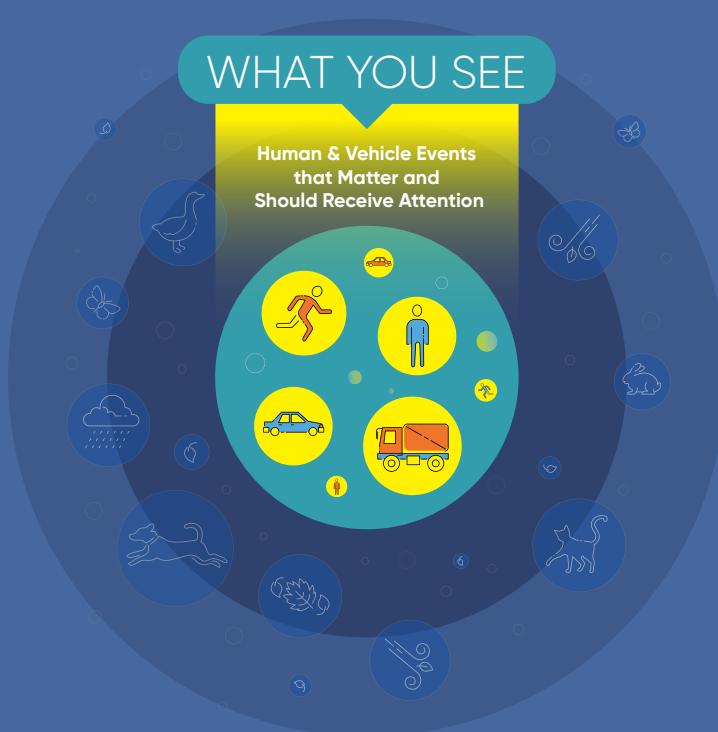
# HIKVISION ACUSENSE

A sense of safety is one of the most basic human needs, and that goes for both personal and property safety. And this is exactly why people install security systems in their homes and businesses.

Compared to conventional sensor-based alarm systems, a video-based security system that utilizes cameras has several advantages: the ability to watch events in real-time over the live feed, capture critical data around those events, and provide solid and accurate evidence for law enforcement.

AcuSense technology adds a touch of intelligence to Hikvision's popular cameras and video recorders, making them perfect for an accessible and intelligent security system. Accurate face detection and face capture are included, as well as auto-tracking that only gets triggered by people and vehicles, making it easier for you to focus on real concerns. Strobe light and audio alarms serve as live guards to protect users from potential risks by warding off intruders. When emergencies occur, related videos are classified into human and vehicle categories for quick search and retrieval.

Sophisticated, highly effective, and affordable, the AcuSense Solution provides SMB owners and operators an intelligent protection system for their property and assets, while helping resellers build a uniquely competitive go-to-market proposition.



**FOCUS**  
*and*  
**ACT**  
**AcuSense**  
Technology





ColorVu  
Series Camera

## 24/7 Colorful Imaging

View in color,  
Even in darkness

# HIKVISION COLORVU

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, dim, low-quality images from conventional cameras miss or lose critical details. Cameras with infrared LEDs are able to provide extra light for clearer image, but in black-and-white.

But now, imagine capturing vivid, colorful details – such as clothing or a car – in total darkness. Hikvision ColorVu Technology makes it possible.

Hikvision ColorVu Technology enables front-end products to capture details in low lighting by way of two specific breakthroughs in hardware technologies: advanced lenses and powerful sensors. These lenses reach up to F1.0, allowing more light to enter and thereby increase image brightness. Next, high-sensitivity sensors vastly improve the utilization of that light.

Extreme light conditions are also taken into consideration in the design process. Cameras are equipped with warm, natural-looking supplemental lighting. So when there is no light source whatsoever – even starlight or street lights – they can guarantee colorful imaging.



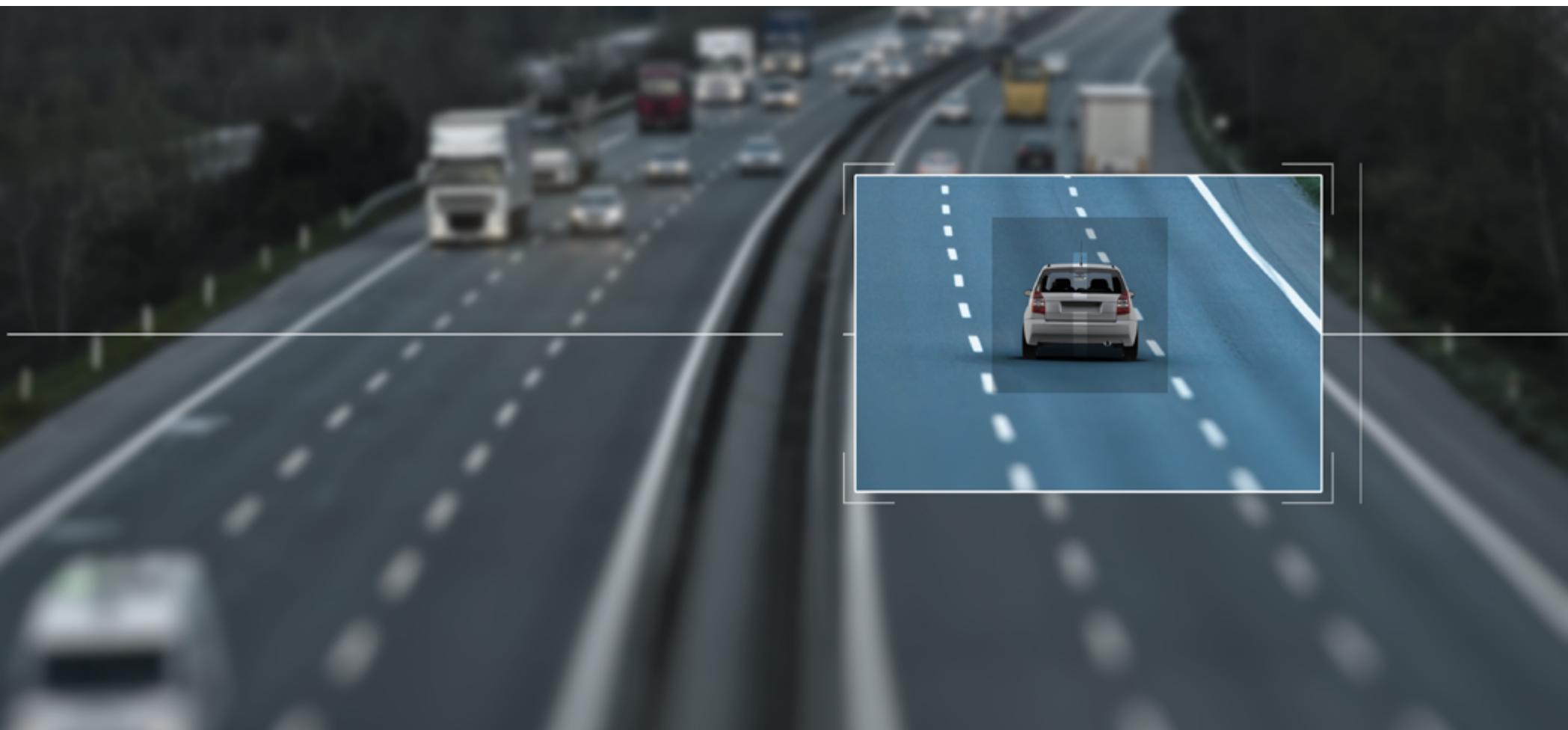
ColorVu



# 4K

With the development of 4K technology quickly coming into focus, opportunities to use this technology in security will continue to grow. As a leading video security manufacturer, Hikvision has paid close attention to the rise in high-resolution imaging, and launched a total 4K system to harness this technology in the global security industry.

Without complementary 4K components, such as monitors and DVRs / NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in security applications. By building a total system – complete with cameras, DVRs, NVRs, and more – Hikvision provides systems that are more helpful and more useful to customers. The Hikvision 4K system, which comes equipped with a variety of smart functions, satisfies the security industry's need for advanced analytics with ultra-high resolution video.



# H.265+ TECHNOLOGY

The H.265+ smart codec algorithm is an intelligent proprietary algorithm developed by Hikvision. It can vastly decrease the bitrate of video – while retaining the quality – of the standard H.265 codec. H.265+ does this via three core technologies: predictive encoding, noise suppression and bitrate control. This smart codec drastically reduces bandwidth and data storage while rendering amazing video quality.

Camera capability using different codec technology  
(Under 20 Mpbs network condition)

5 cameras



10 cameras



**20+ cameras**



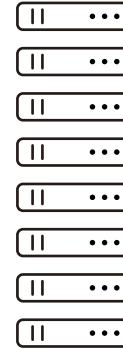
H.264

H.265

**H.265+**

Recorded file size for the same amount of time

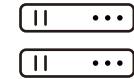
100%



50%



**25%**



H.264

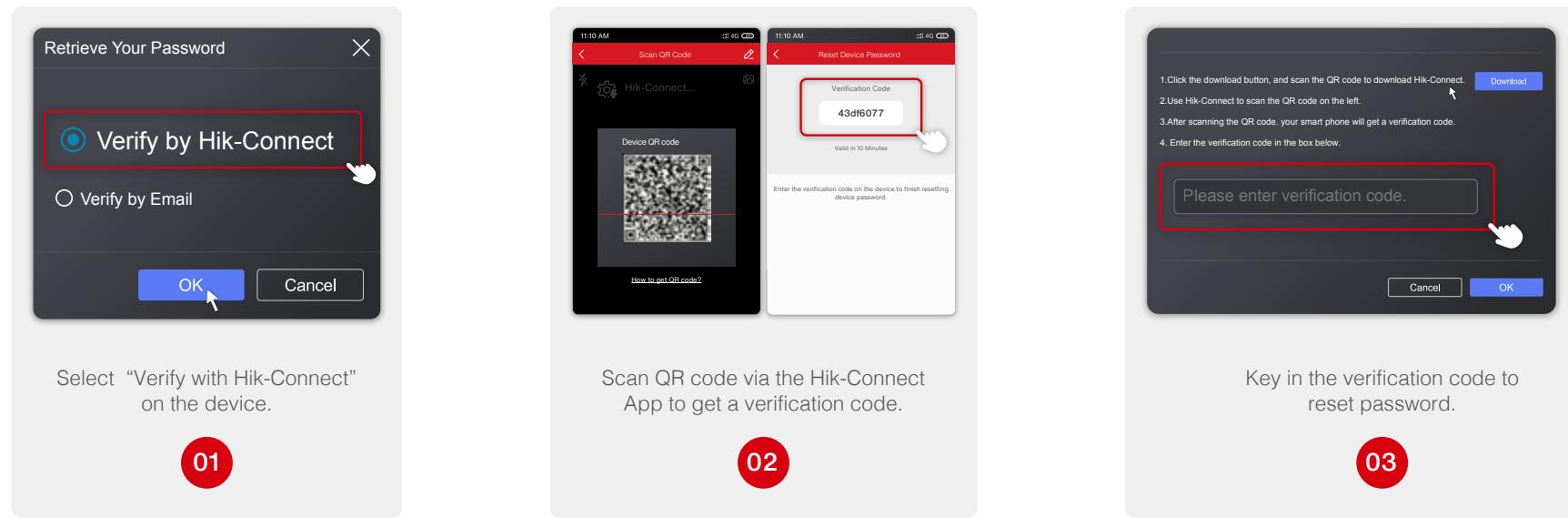
H.265

**H.265+**

# Reset Password via Hik-Connect

To help users with easier password retrieval without needing to consult aftersales, Hikvision offers the new password reset function which is easy and safe. With this function, users can reset password for DVR or NVR via Hik-Connect in only about 1 minute.

**3 steps, within 1 minute**



## Double assurance for better security



### Registered account

This function is available for registered Hik-Connect account, not with visitor mode.



### Authority control

The Hik-Connect account need to be linked with the device. Other unlinked accounts don't have the permission to reset password.



It is highly suggested that you link your device to the Hik-Connect account upon device activation as password reset can only be performed with a linked account.

# Turbo HD History

The Turbo HD line transforms analog CCTV video into high quality, high definition monitoring. Each iteration of the Turbo HD product portfolio advances the technology to the next amazing level.

Throughout Turbo's history, Hikvision has continually advanced what every security system installer and user cares about most: clear and accurate video recording. With the new Turbo HD X system, a further step was taken to help users achieve real-time response.

Turbo HD  
2013

1.0

- HD 1080p
- H.264

Turbo HD  
2016

3.0

- 5 MP
- H.264+
- TVI/CVBS/IPC standards and more
- PoC 1.0

Turbo HD  
2017

4.0

- 4K
- H.265 & H.265+
- Ultra-low-light technology
- PoC 2.0

Turbo HD  
2018

5.0

AcuSense  
ColorVu

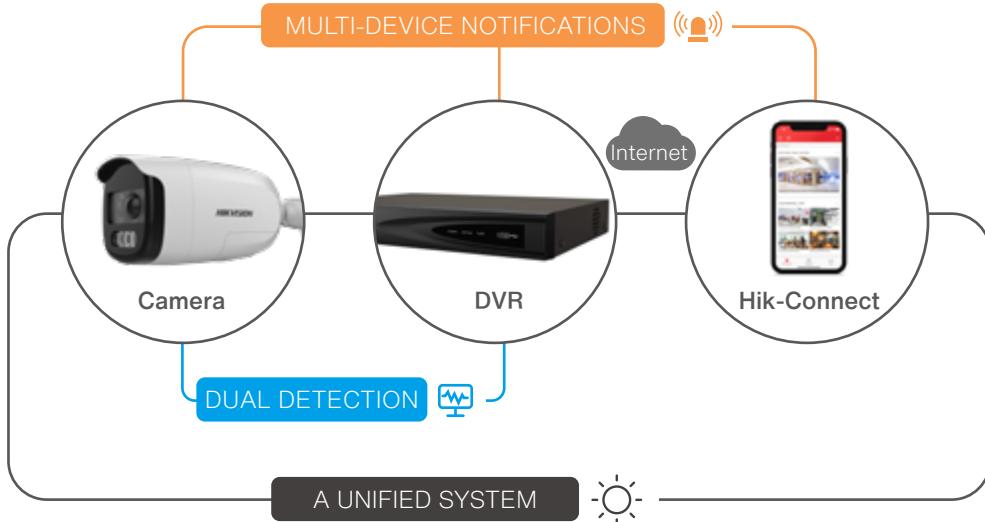


- Built-in siren and flashing light
- Active prevention
- Integrated response
- Real-time alerts



# 2019 Turbo HD X

Turbo HD X is a complete and unified system, featuring linked front-end and back-end devices and a remote application. With active response and real-time alarms, the Turbo HD X solution helps stop intruders caught in the act, and prevents damage and loss of property.



## How does it work? Here is an example

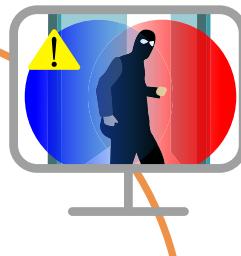
22:34

10: 34 at night, someone broke into the largest supermarket in town- **the Joe's.**



### At the entrance

The siren went off and the blue and red light started to flash. The thief quickly ran off.



### In the monitoring room

An alarm notification popped up. The security on duty immediately noticed and sent someone to check



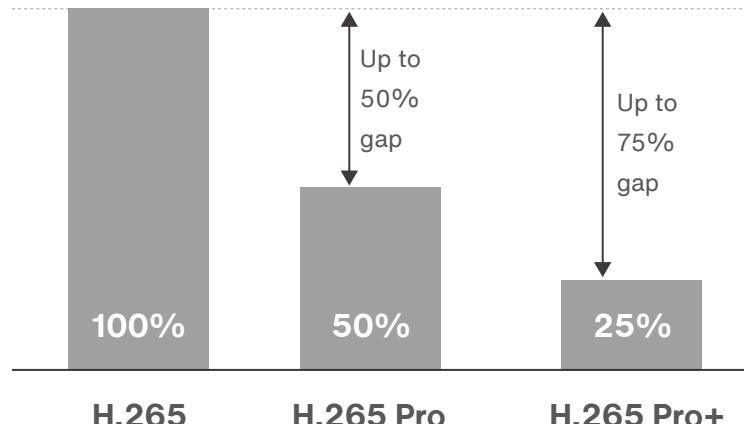
### On the mobile app

The store manager got a message on his phone, he then called the security team to make sure everything is properly handled.

# H.265 Pro+

The H.265 Pro video compression optimizes H.265 through advanced algorithms. H.265 Pro can intelligently adjust video bitrates according to given scenarios, significantly compressing the video file while maintaining high image quality.

Furthermore, when combining H.265 Pro with Hikvision's unique "H.265+", the newly generated "H.265 Pro+" works even better. Compared with H.265, H.265 Pro reduces video file size by 50% on average while H.265 Pro+ reduces video file size by up to 75% – and at times even more.



Storage time is four times longer under the same storage capability

# PIR Solution for Perimeter Protection

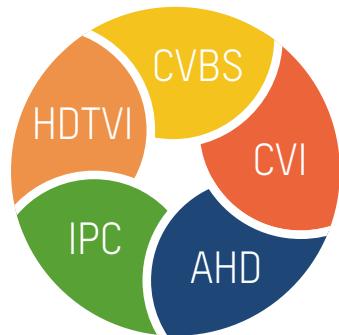
PIR (passive infrared) camera has a built-in PIR detector and flashlight. The PIR detector reacts to human body's IR emission and is able to control the on and off of flashlight according to PIR detector. The camera will immediately flashes bright strobe light to warn trespassers, and hopefully drive them away from the perimeter.



## 4-in-1 & 5-in-1

4-in-1 means the camera is able to deliver HD-TVI, AHD, CVI and CVBS signals. Users can choose suitable signal accordingly.

5-in-1 means the DVR is not only able to access HD-TVI, AHD, CVI and CVBS signals, but also able to access IP cameras.



# Coaxial Audio Solution

Coaxial audio makes transmission of both HD video and sound possible over a coaxial cable, which means audio accessories like pick-ups and audio adaptors – especially audio cabling – can be removed. Enjoy a compact and efficient video & audio system with Hikvision's coaxial audio solution.



## PoC 2.0

PoC 2.0 (Power Over Coax)



- Transmits both HD video and power over the same coax cable
- Unique built-in design
- Patented Hikvision technology

# Turbo HD Cameras

**002** Ultra Series

**006** Hikvision ColorVu Series

**013** Pro Series

**023** Value Series

**046** IoT Series

**053** Special Series



# Turbo HD Cameras

## Ultra Series

Ultra Series Cameras capture ultra high quality and high definition videos. With ultra HD and ultra-low-light abilities, cameras perform even in scenarios with dim light. And with 120 dB true WDR, environments with strong backlight won't be any headaches. High performance, simple installation, and easy operation come together for an excellent user experience.

- Ultra HD

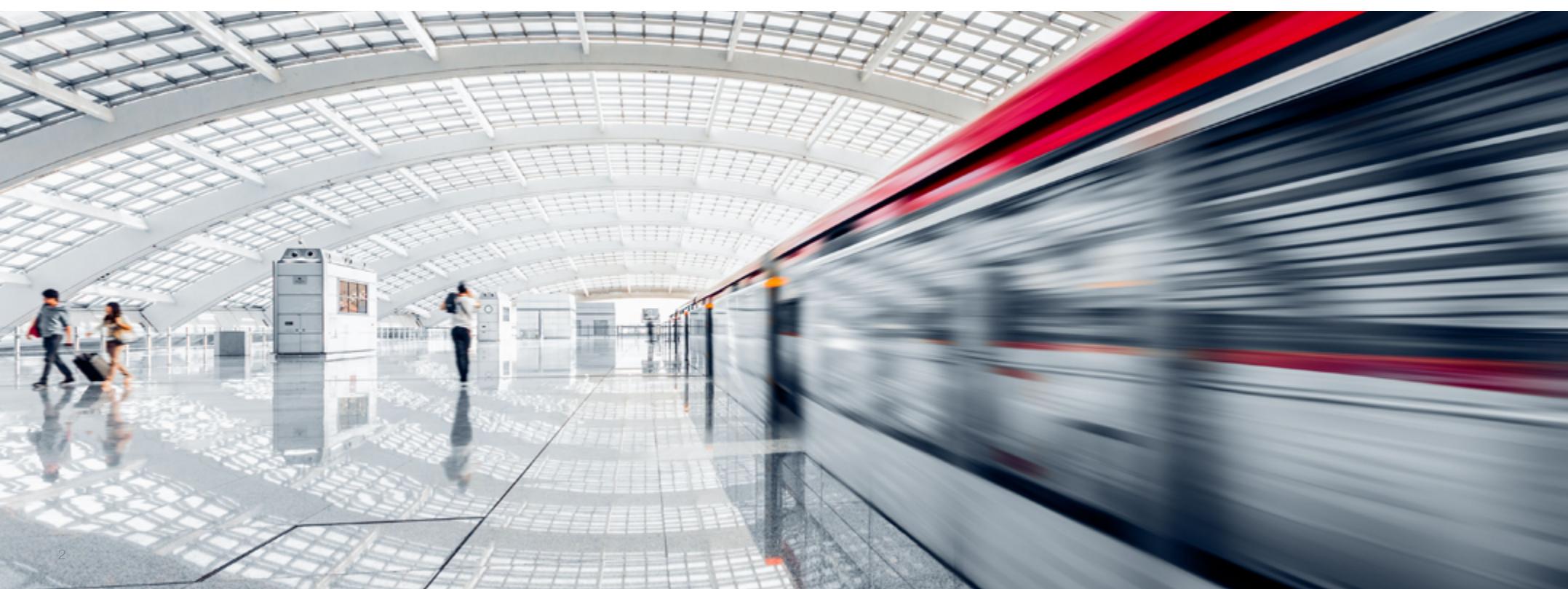
- Ultra-low-light night vision

- 120 dB True WDR

- PoC easy installation

- EXIR 2.0

- Dual output



Model	DS-2CC12D9T-IT3E	DS-2CC12D9T-IT5E	DS-2CC52D9T-IT3E	DS-2CC12D9T-AIT3ZE	DS-2CC52D9T-AITZE	DS-2CC52D9T-APVIT3ZE
<b>Image</b>						
	<span>Ultra-Low Light &amp; PoC</span>	<span>Ultra-Low Light &amp; PoC</span>	<span>Ultra-Low Light &amp; PoC</span>	<span>Ultra-Low Light &amp; PoC</span>	<span>Ultra-Low Light &amp; PoC</span>	<span>Ultra-Low Light &amp; PoC</span>
<b>Description</b>	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Turret Camera	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Dome Camera	2 MP Ultra Low Light PoC Dome Camera
<b>Lens</b>	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm to 12 mm Auto Focus, Auto Iris	2.8 mm to 12 mm Auto Focus, Auto Iris	2.8 mm to 12 mm Auto Focus, Auto Iris
<b>Min. Illumination</b>	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	32.1° to 98°	32.1° to 98°	32.1° to 98°
<b>Angle Adjustment</b>	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotate: 0° to 355°
<b>Day &amp; Night</b>	ICR	ICR	ICR	ICR	ICR	ICR
<b>WDR</b>	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB
<b>Max. IR Range</b>	Up to 40 m	Up to 80 m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m
<b>HD Video Output</b>	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
<b>CVBS Output</b>	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)
<b>D/N Mode</b>	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)
<b>White Balance</b>	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual	ATW/ AWC-SET / Manual
<b>BLC</b>	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF
<b>3D DNR</b>	ON / OFF	ON / OFF	ON / OFF	ON / OFF	ON / OFF	ON / OFF
<b>Functions</b>	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title
<b>Protection Level</b>	IP67	IP67	IP67	IP67	IP67	IP67, IK10
<b>Alarm I/O</b>	-	-	-	1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output
<b>Power</b>	12 VDC ± 30% /PoC	12 VDC ± 30% /PoC	12 VDC ± 30% /PoC	24 VAC /12 VDC ± 30% / PoC	24 VAC /12 VDC ± 30% / PoC	24 VAC / 12 VDC ± 30% / PoC

Model	DS-2CE16D9T-AIRAZH	DS-2CC12D9T-(A)	DS-2CC12D9T-E	Model	DS-2CE17U8T-IT	DS-2CE18U8T-IT3
Image				Image		
	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light & PoC)		(Ultra-Low Light)	(Ultra-Low Light)
Description	2 MP WDR Motorized VF EXIR Bullet Camera	2 MP WDR Box Camera	2 MP WDR PoC Box Camera	Description	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Bullet Camera
Lens	5-50mm Auto Focus, Auto Iris	C/CS	C/CS	Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Angle of view: 59.8°-6.2°	-	-	FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	-	-	Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°
Day & Night	ICR	ICR	ICR	Day & Night	IR cut filter	IR cut filter
WDR	> 120 dB	> 120 dB	> 120 dB	WDR	> 120 dB	> 120 dB
Max. IR Range	Up to 110 m	-	-	Max. IR Range	Up to 40 m	Up to 60 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	HD Video Output	1 HD analog output	1 HD analog output
CVBS Output	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	CVBS Output	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)
D/N Mode	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW / AWC-SET / Manual	ATW, AWC-SET, Manual	ATW, AWC-SET, Indoor, Outdoor, Manual	White Balance	Auto/Manual/Natural	Auto/Manual/Natural
BLC	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	BLC	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	ON / OFF	ON / OFF	ON / OFF	3D DNR	Level 1 to 10	Level 1 to 10
Functions	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	Functions	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC
Protection Level	IP66	-	-	Protection Level	IP67	IP67
Alarm I/O	-	-A model: 1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output	Alarm I/O	-	-
Power	AC24V±15% / DC12V±15%, Heater is available with 24 VAC only	12 VDC ± 15%, -A model: 24V ± 15% AC, 12V ± 15% DC	12 VDC ± 15%, POC	Power	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE57U8T-VPIT	DS-2CE78U8T-IT3	DS-2CE19U8T-AIT3Z	DS-2CE37U8T-A	DS-2CE79U8T-IT3Z	DS-2CE59U8T-APVIT3Z
<b>Image</b>						
<b>Description</b>	8 MP Ultra-Low Light Dome Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Box Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Dome Camera
<b>Lens</b>	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm to 12 mm motorized auto focus lens	C/CS	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens
<b>Min. Illumination</b>	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	108.1° to 45.6°	-	108.1° to 45.6°	108.1° to 45.6°
<b>Angle Adjustment</b>	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	-	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
<b>Day &amp; Night</b>	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
<b>WDR</b>	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB
<b>Max. IR Range</b>	Up to 40 m	Up to 60 m	Up to 80 m	-	Up to 80 m	Up to 60 m
<b>HD Video Output</b>	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
<b>CVBS Output</b>	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)
<b>D/N Mode</b>	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
<b>White Balance</b>	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural
<b>BLC</b>	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
<b>3D DNR</b>	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
<b>Functions</b>	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC
<b>Protection Level</b>	IP67, IK10	IP67	IP67	-	IP67	IP67, IK10
<b>Alarm I/O</b>	-	-	-	support	-	-
<b>Power</b>	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%, 24 VAC ±25%	12 VDC ±25% 24 VAC ±25%	12 VDC ±25%	12 VDC ±25%, 24 VAC ±25%

## Turbo HD Cameras

# Hikvision ColorVu Series

Hikvision ColorVu cameras render colorful imaging 24/7. These cameras render clear images at 0.0005 lux, providing colorful video in ultra-low-light scenarios even without any supplemental lighting.

When in zero-light environments, automatic supplemental lighting from the camera itself will enhance imaging.

➤ 24/7 colorful imaging

➤ 130 dB True WDR

➤ Ultra-low-light night vision

➤ 4-in-1 technology



Model	DS-2CE10DFT-F	DS-2CE72DFT-F	DS-2CE12DFT-F	DS-2CE10DFT-PF28(2.8mm)	DS-2CE10DFT-PF	DS-2CE10DFT-F28(2.8mm)	DS-2CE72DFT-F28(2.8mm)
Image	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera
Lens	3.6 mm, 6 mm fixed focal lens	3.6 mm, 6 mm fixed focal lens	3.6 mm, 6 mm fixed focal lens	2.8 mm fixed lens	3.6 mm, 6 mm fixed focal lens	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	Horizontal Field of View 83.6° [3.6 mm], 52.8° [6 mm]	Horizontal Field of View 83.6° [3.6 mm], 52.8° [6 mm]	Horizontal Field of View 83.6° [3.6 mm], 52.8° [6 mm]	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color	Color
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	130 dB	130 dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	-	-	Yes	Yes
3D DNR	Level 1 to 9	Level 1 to 9	Level 1 to 9	-	-	-	-
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, 3D DNR, Mirror, Smart light	Brightness, Sharpness, 3D DNR, Mirror, Smart light
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE12DFT-F28 (2.8mm)	DS-2CE10DFT-PFC28(2.8mm)	DS-2CE10DFT-PFC	DS-2CE10DFT-FC28(2.8mm)	DS-2CE72DFT-FC28(2.8mm)	DS-2CE12DFT-FC28(2.8mm)
Image	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Bullet Camera
Lens	2.8 mm fixed lens	2.8 mm fixed lens	3.6 mm, 6 mm fixed lens	3.6 mm, 6 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	130 dB	>120dB	>120dB	>120dB	>120dB	>120dB
Max. IR Range	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	Yes	-	-	-	-	-
3D DNR	-	-	-	-	-	-
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart light	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	-	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE10DF0T-PF	DS-2CE10DF0T-F	DS-2CE12DF0T-F	DS-2CE70DF0T-PF	DS-2CE70DF0T-MF	DS-2CE72DF0T-F
Image	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens
Min. Illumination	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	>120dB	>120dB	>120dB	>120dB	>120dB	>120dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	Level 1 to 9					
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding					
Protection Level	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%					

Model	DS-2CE10DF3T-PF	DS-2CE10DF3T-F	DS-2CE12DF3T-F	DS-2CE70DF3T-PF	DS-2CE70DF3T-MF	DS-2CE72DF3T-F
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens
Min. Illumination	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	>130dB	>130dB	>130dB	>130dB	>130dB	>130dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off
BLC	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF
3D DNR	Level 1 to 9					
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction
Protection Level	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%					

Model	DS-2CE10DF8T-PF	DS-2CE10DF8T-F	DS-2CE12DF8T-F	DS-2CE70DF8T-PF	DS-2CE70DF8T-MF	DS-2CE72DF8T-F
Image	 Hikvision ColorVu					
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens
Min. Illumination	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	>130dB	>130dB	>130dB	>130dB	>130dB	>130dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off
BLC	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF
3D DNR	Level 1 to 9					
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast					
Protection Level	IP68	IP68	IP68	-	IP68	IP68
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%					

5 MP

Model	DS-2CE10HFT-F28(2.8mm)	DS-2CE72HFT-F28(2.8mm)	DS-2CE12HFT-F28(2.8mm)	DS-2CE12HFT-F
Image	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>	 <span>Hikvision ColorVu</span>
Description	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Turret Camera	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Bullet Camera
Lens	2.8 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens	3.6 mm, 6 mm fixed lens
Min. Illumination	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light
FOV	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	80.1° [3.6 mm], 49.3° [6 mm]
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°
Day & Night	Color	Color	Color	Color
WDR	≥130 dB	≥130 dB	≥130 dB	≥130 dB
Max. IR Range	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

# Turbo HD Cameras

## Pro Series

Pro Series Cameras provide high quality imaging with advanced technologies including ultra-high-definition resolutions, ultra-low-light performance, and 130 dB True WDR. And depending on the power of the base, these cameras can give clearer details even in extremely wide, ultra-low light, and strongly back-lit places.

- Ultra HD
- Ultra-low-light night vision
- 130 dB True WDR
- PoC for easy installation
- 4-in-1
- EXIR 2.0



## HD 1080P

Model	DS-2CE16D8T-ITPF	DS-2CE16D8T-ITF	DS-2CE16D8T-IT1F	DS-2CE16D8T-IT3F	DS-2CE16D8T-IT5F	DS-2CE56D8T-VPITF	DS-2CE56D8T-IRS
Image							
Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light
Description	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Bullet Camera	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Bullet Camera	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Dome Camera	2 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.005 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 94.5° [2.8 mm], 79.1° [3.6 mm], 50° [6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: -30° to 30°, Tilt: 0° to 80°, Rotate: -180° to 180°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 120 dB
Max. IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67,IK10	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC±30%

Model	DS-2CE56D8T-ITMF	DS-2CE56D8T-IT1F	DS-2CE56D8T-IT3F	DS-2CE16D8T-IT3ZF	DS-2CE16D8T-AIT3ZF	DS-2CE56D8T-IT3ZF	DS-2CE56D8T-ITZF
Image							
Ultra-Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light
Description	2 MP Ultra-Low Light Turret Camera	2 MP Ultra-Low Light EXIR Turret Camera	2 MP Ultra-Low Light EXIR Turret Camera	2 MP Ultra-Low Light VF Bullet Camera	2 MP Ultra-Low Light VF Bullet Camera	2 MP Ultra-Low Light VF Turret Camera	2 MP Ultra-Low Light ZF EXIR Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	Lens 2.8 mm, 3.6 mm, 6 mm, fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2 AGC ON], 0 Lux with IR	Min. illumination Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 30 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9 VDC to 15 VDC

Model	DS-2CE56D8T-AITZF	DS-2CE56D8T-VPIT3ZF	DS-2CE56D8T-VPIT3ZF	DS-2CE5AD8T-VPIT3ZF	DS-2CE5AD8T-VPIT3ZF	DS-2CC12D8T-AMM	DS-2CE16D8T-ITE
Image							
	<span>Ultra-Low Light</span>	<span>Ultra-Low Light</span>	<span>Ultra-Low Light &amp; PoC</span>				
Description	2 MP Ultra-Low Light ZF EXIR Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light Box Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera
Lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	C/CS	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 32.1° to 103°	32.1° to 103°	-	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]			
Angle Adjustment	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	-	Pan: 0° to 360°, Tilt: 0° to 180, Rotate: 0° to 360°
Day & Night	IR Cut Filter	-	IR Cut Filter				
WDR	> 130 dB	> 120 dB	> 130 dB				
Max. IR Range	Up to 60 m	-	Up to 30 m				
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)				
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10				
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, sharpness, mirror	Brightness, Sharpness, Mirror, Smart IR				
Protection Level	-	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	-	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ±25% 24 VAC ±25%	12 VDC ±25%/PoC.af

Model	DS-2CE16D8T-IT1E	DS-2CE16D8T-IT3E	DS-2CE16D8T-IT5E	DS-2CE56D8T-VPITE	DS-2CE56D8T-ITME	DS-2CE56D8T-IT1E
Image						
	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>
Description	2 MP Ultra-Low Light PoC Bullet Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera	2 MP Ultra-Low Light PoC Dome Camera	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra Low-Light PoC EXIR Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR Cut Filter					
WDR	> 130 dB					
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 30 m	Up to 30 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]					
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10					
Functions	Brightness, Sharpness, Mirror, Smart IR					
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.at	12 VDC ;25%/PoC.af	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.af

Model	DS-2CE56D8T-IT3E	DS-2CE16D8T-IT3ZE	DS-2CE56D8T-IT3ZE	DS-2CE56D8T-ITZE	DS-2CE56D8T-VPIT3ZE	DS-2CE5AD8T-VPIT3ZE
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light &amp; PoC</span>
Description	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra-Low Light VF PoC Bullet Camera	2 MP Ultra-Low Light VF PoC Turret Camera	2 MP Ultra-Low Light VF PoC EXIR Dome Camera	2 MP Ultra-Low Light VF PoC Dome Camera	2 MP Ultra-Low Light VF PoC Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	32.1° to 103°
Angle Adjustment	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 60 m	Up to 60 m	Up to 60 m	Up to 30 m	Up to 60 m	Up to 60 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP50	IP67, IK10	IP67, IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.af	9 VDC to 15 VDC/PoC.af

Model	DS-2CE16H8T-ITF	DS-2CE16H8T-IT1F	DS-2CE16H8T-IT3F	DS-2CE16H8T-IT5F	DS-2CE57H8T-VPITF	DS-2CE76H8T-ITMF
Image						
Description	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Dome Camera	5 MP Ultra-Low Light Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm], 37° [8 mm], 23° [12 mm]	78° [3.6 mm], 48° [6 mm], 37° [8 mm], 23° [12 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67,IK10	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE78H8T-IT1F	DS-2CE78H8T-IT3F	DS-2CE19H8T-AIT3ZF	DS-2CE79H8T-AIT3ZF	DS-2CE56H8T-AITZF
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Ultra-Low Light</span>
Description	5 MP Ultra-Low Light EXIR Turret Camera	5 MP Ultra-Low Light Turret Camera	5 MP Ultra-Low Light VF Bullet Camera	5 MP Ultra-Low Light VF Turret Camera	5 MP Ultra-Low Light VF Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm], 37° [8 mm], 23° [12 mm]	92.3° to 29.3°	92.3° to 29.3°	92.3° to 29.3°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ± 20%, 24 VAC ± 20%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE59H8T-AVPIT3ZF	DS-2CE5AH8T-AVPIT3ZF
<b>Image</b>		
	(Ultra-Low Light)	(Ultra-Low Light)
<b>Description</b>	5 MP Ultra-Low Light VF Dome Camera	5 MP Ultra-Low Light VF Dome Camera
<b>Lens</b>	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
<b>Min. Illumination</b>	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	92.3° to 29.3°	92.3° to 29.3°
<b>Angle Adjustment</b>	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
<b>Day &amp; Night</b>	IR Cut Filter	IR Cut Filter
<b>WDR</b>	> 130 dB	> 130 dB
<b>Max. IR Range</b>	Up to 60 m	Up to 60 m
<b>HD Video Output</b>	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
<b>CVBS Output</b>	-	-
<b>D/N Mode</b>	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
<b>White Balance</b>	ATW/MWB	ATW/MWB
<b>BLC</b>	WDR/BLC/OFF	WDR/BLC/OFF
<b>DNR</b>	3D[Level 1 to 9]	3D[Level 1 to 9]
<b>Functions</b>	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
<b>Protection Level</b>	IP67,IK10	IP67,IK10
<b>Alarm I/O</b>	-	-
<b>Power</b>	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE16U7T-ITF	DS-2CE16U7T-IT3F	DS-2CE57U7T-VPITF
<b>Image</b>			
	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)
<b>Description</b>	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Dome Camera
<b>Lens</b>	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
<b>Min. Illumination</b>	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm], 37.73° [8 mm], 23.96° [12 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]
<b>Angle Adjustment</b>	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
<b>Day &amp; Night</b>	IR Cut Filter	IR Cut Filter	IR Cut Filter
<b>WDR</b>	> 130 dB	> 130 dB	> 130 dB
<b>Max. IR Range</b>	Up to 30 m	Up to 60 m	Up to 30 m
<b>HD Video Output</b>	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
<b>CVBS Output</b>	-	-	-
<b>D/N Mode</b>	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
<b>White Balance</b>	ATW/MWB	ATW/MWB	ATW/MWB
<b>BLC</b>	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
<b>3D DNR</b>	Level 1 to 10	Level 1 to 10	Level 1 to 10
<b>Functions</b>	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
<b>Protection Level</b>	IP67	IP67	IP67,IK10
<b>Alarm I/O</b>	-	-	-
<b>Power</b>	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE76U7T-ITMF	DS-2CE78U7T-IT3F	DS-2CE19U7T-AIT3ZF	DS-2CE79U7T-AIT3ZF	DS-2CE59U7T-AVPIT3ZF	DS-2CE5AU7T-AVPIT3ZF
Image						
	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)
Description	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Dome Camera	8 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ± 20%, 24 VAC ± 20%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

## Turbo HD Cameras

### Value Series

Value Series Cameras offer cost-effective, high quality video security solution. Users will enjoy high definition video, plug and play through coaxial cable, high quality components, and great durability.

- Ultra HD
- PoC easy installation
- 4-in-1 output
- EXIR 2.0



Model	DS-2CE16C0T-IRP	DS-2CE16C0T-IR	DS-2CE16C0T-IT1	DS-2CE16C0T-IT3	DS-2CE16C0T-IT5	DS-2CE56C0T-IRMM	DS-2CE56C0T-IRP	DS-2CE56C0T-IR
Image								
Description	1 MP IR Bullet Camera	1 MP IR Bullet Camera	1 MP IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Dome Camera	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	3.6 mm [6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional
Min. Illumination	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR
FOV	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm], 27.5°[12mm], 17.7°[16mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm], 27.5°[12mm], 17.7°[16mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 350°, Tilt: 0 - 70°, Rotation: 0 - 350°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 20 m	Up to 20m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	-	-	IP66
Alarm I/O	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE56C0T-IRM	DS-2CE56C0T-IT1	DS-2CE56C0T-IT3	DS-2CE16C0T-IRPF	DS-2CE16C0T-IRF	DS-2CE16C0T-IT1F	DS-2CE16C0T-IT3F	DS-2CE16C0T-IT5F	DS-2CE56C0T-IRMMF
<b>Image</b>									
<b>Description</b>	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera	HD 720p IR Bullet Camera	HD 720p IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Dome Camera	
<b>Lens</b>	2.8 mm, 3.6 mm, 6 mm optional	3.6mm [2.8mm, 6mm, 8mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	3.6 mm [6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional
<b>Min. Illumination</b>	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
<b>FOV</b>	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 56.7°[6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm], 27.5°[12mm], 17.7°[16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm]
<b>Angle Adjustment</b>	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0° to 350°, Tilt: 0° to 70°, Rotation: 0° to 350°
<b>Day &amp; Night</b>	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
<b>WDR</b>	-	-	-	-	-	-	-	-	-
<b>Max. IR Range (meters)</b>	Up to 20 m	Up to 20 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m
<b>HD Video Output</b>	1 Analog HD output	1 Analog HD output	1 Analog HD output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
<b>CVBS Output</b>	-	-	-	-	-	-	-	-	-
<b>D/N Mode</b>	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
<b>White Balance</b>	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
<b>BLC</b>	-	-	-	-	-	-	-	-	-
<b>DNR</b>	2D	2D	2D	2D	2D	2D	2D	2D	2D
<b>Functions</b>	-	-	-	-	-	-	-	-	-
<b>Protection Level</b>	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	-
<b>Alarm I/O</b>	-	-	-	-	-	-	-	-	-
<b>Power</b>	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE56C0T-IRPF	DS-2CE56C0T-IRF	DS-2CE56C0T-IRMF	DS-2CE56C0T-IT1F	DS-2CE56C0T-IT3F	DS-2CE16C2T-IRP	DS-2CE16C2T-IR	DS-2CE16C2T-IT1	DS-2CE16C2T-IT3
Image									
Description	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera	HD 720p IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera
Lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux@ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Field of view: 70.9° (3.6 mm), 92°(2.8 mm), 56.7°(6 mm), 56.7°(6 mm)	Field of view: 70.9°(3.6 mm), 92°(2.8 mm), 56.7°(6 mm), 38.6°(8 mm)	Field of view : 70.9° (3.6 mm), 92°(2.8 mm), 56.7°(6 mm), 38.6° (8 mm), 27.5°(12 mm), 17.7° (16 mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm), 49°(6mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm), 34.5°(8mm), 22.1°(12mm), 17.2°(16mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm), 34.5°(8mm), 22.1°(12mm), 17.2°(16mm)
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	-	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-	-
Protection Level	-	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE16C2T-IT5	DS-2CE56C2T-IRP	DS-2CE56C2T-IR	DS-2CE56C2T-IRM	DS-2CE56C2T-IT1	DS-2CE56C2T-IT3	DS-2CE16C2T-VFIR3	DS-2CE56C2T-VFIR3
Image								
Description	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera	HD 720p Vari-focal IR Bullet Camera	HD 720p Vari-focal IR Turret Camera
Lens	3.6 mm [6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 - 12 mm optical	2.8 - 12 mm optical
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Angle of View: 74.6°[3.6mm], 49°[6mm], 34.5°[8mm], 22.1°[12mm], 17.2°[16mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm], 34.5°[8mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm], 34.5°[8mm], 22.1°[12mm], 17.2°[16mm]	Angle of view: 29.3°-92°	Angle of view: 29.3°-92°
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 80 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-
Protection Level	IP66	-	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

## HD 1080P

Model	DS-2CE16DOT-IRPE	DS-2CE16DOT-IRE	DS-2CE16DOT-IT1E	DS-2CE16DOT-IT3E	DS-2CE16DOT-IT5E	DS-2CE56DOT-IT1E	DS-2CE56DOT-IT3E
Image							
(PoC)	(PoC)	(PoC)	(PoC)	(PoC)	(PoC)	(PoC)	(PoC)
Description	HD 1080p PoC IR Bullet Camera	HD 1080p PoC IR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Turret Camera	HD 1080p PoC EXIR Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens
Min. Illumination	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2,AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2,AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm], 37.96° [8 mm], 24.36° [12 mm], 18.92° [16 mm]	82.63° [3.6 mm], 54.38° [6 mm], 37.96° [8 mm], 24.36° [12 mm], 18.92° [16 mm]	Field of view: 103° [2.8 mm], 82.2° [3.6 mm], 54° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm], 37.96° [8 mm], 24.36° [12 mm], 18.92° [16 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	[16 mm]Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 analog HD output	1 analog HD output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ±15%/PoC.at	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af			

Model	DS-2CE16DOT-VFIR3E	DS-2CE56DOT-VFIR3E	DS-2CE56DOT-VFIRE	DS-2CE56DOT-VPIR3E	DS-2CE16DOT-I2PFB	DS-2CE16DOT-I2FB	DS-2CE56DOT-I2PFB
<b>Image</b>	 PoC	 PoC	 PoC	 PoC			
<b>Description</b>	2 MP Vari-focal PoC Bullet Camera	2 MP Vari-focal PoC Turret Camera	2 MP Vari-focal PoC Dome Camera	2 MP Vandal Proof PoC Dome Camera	2 MP Balun Camera	2 MP Balun Camera	2 MP Balun Camera
<b>Lens</b>	2.8 mm to 12 mm	2.8 mm to 12 mm	2.8 mm to 12 mm	2.8 mm to 12 mm	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
<b>Min. Illumination</b>	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2,AGC ON],0 Lux with IR	0.01 Lux@[F1.2,AGC ON],0 Lux with IR	0.01 Lux@[F1.2,AGC ON],0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	105.2° to 32.8°	Horizontal Field of View 105.2° to 32.8 °	Horizontal Field of View 105.2 ° to 32.8 °	Horizontal Field of View 105.2 ° to 32.8 °	106.4° [2.8 mm], 79.6° [3.6 mm], 51.9° [6 mm]	106.4° [2.8 mm], 79.6° [3.6 mm], 51.9° [6 mm]	106.4° [2.8 mm], 79.6° [3.6 mm], 51.9° [6 mm]
<b>Angle Adjustment</b>	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
<b>Day &amp; Night</b>	ICR	IR cut filter	IR cut filter	IR cut filter	ICR	ICR	ICR
<b>WDR</b>	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
<b>Max. IR Range (meters)</b>	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m
<b>HD Video Output</b>	1 analog HD output	1 analog HD output	1 analog HD output	1 analog HD output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
<b>CVBS Output</b>	-	-	-	-	-	-	-
<b>D/N Mode</b>	Auto	Auto	Auto	Auto	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
<b>White Balance</b>	ATW	ATW	ATW	ATW	Auto/Manual	Auto/Manual	Auto/Manual
<b>BLC</b>	-	-	-	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global
<b>DNR</b>	2D	2D	2D	2D	2D	2D	2D
<b>Functions</b>	-	-	-	-	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
<b>Protection Level</b>	IP66	IP66	-	IP66	IP66	IP66	-
<b>Alarm I/O</b>	-	-	-	-	-	-	-
<b>Power</b>	12 VDC ±15%/PoC.at	12 VDC ±15%/PoC.at	12 VDC ±15%/PoC.af	12 VDC ±15%/PoC.af	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE56D0T-I2FB	DS-2CE70D0T-ITMF	DS-2CE16D0T-VFIR3F	DS-2CE56D0T-VFIR3F	DS-2CE56D0T-VFIRF	DS-2CE56D0T-VPIR3F	DS-2CE5AD0T-VPIT3F
Image							
Description	2 MP Balun Camera	2 MP Camera	HD 1080p IR Bullet Camera	HD 1080p IR Turret Camera	HD 1080p IR Dome Camera	HD 1080p Vandal Proof IR Dome Camera	2 MP Vandal Proof VF Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed len	2.8 mm, 3.6 mm, 6 mm fixed len	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 mm to 12 mm vari-focal lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	Color: 0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	106.4° (2.8 mm), 79.6° (3.6 mm), 51.9° (6 mm)	106° (2.8 mm), 80° (3.6 mm), 51° (6 mm)	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 80°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 70°, Rotation: 0° to 355°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto	Auto	Auto	Auto	Auto
White Balance	Auto/Manual	Auto	ATW	ATW	ATW	ATW	ATW
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	-	-	-	-	-
Protection Level	IP66	IP67	IP66	IP66	IP66	IP66,IK10	IP67,IK10
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC ±25%

Model	DS-2CE16D3T-I3PF	DS-2CE16D3T-I3F	DS-2CE16D3T-ITPF	DS-2CE16D3T-ITF	DS-2CE16D3T-IT3F	DS-2CE57D3T-VPITF	DS-2CE76D3T-ITMF
Image							
Description	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm], 39° [8 mm], 24° [12 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB
Max. IR Range [meters]	Up to 20 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 50 m	Up to 30 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL
DNR	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE78D3T-IT3F	DS-2CE19D3T-IT3ZF	DS-2CE19D3T-AIT3ZF	DS-2CE79D3T-IT3ZF	DS-2CE5AD3T-VPIT3ZF	DS-2CE5AD3T-VPIT3ZF	DS-2CE16DOT-IRP(C)
Image							
Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light
Description	2 MP Ultra-Low-Light Turret Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Dome Camera	2 MP CMOS
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm), 39° (8 mm), 24° (12 mm)	102° - 31 °	102° - 31 °	102° - 31 °	102° - 31 °	102° - 31 °	2.8 mm, horizontal FOV: 106.4°; vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	DWDR
Max. IR Range (meters)	Up to 50 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	Auto/Manual
BLC	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	-
DNR	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	2D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	24 VAC ±15%, 12 VDC ±20%	12 VDC ±25%	12 VDC ±25%	24 VAC ±15%, 12 VDC ±20%	12 VDC ±25%

Model	DS-2CE16DOT-IR(C)	DS-2CE17DOT-IT1	DS-2CE17DOT-IT3	DS-2CE17DOT-IT5	DS-2CE56DOT-IRMM(C)	DS-2CE56DOT-IRP(C)	DS-2CE56DOT-IR(C)
Image							
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0 to 360°; Tilt: 0 to 180°; Rotation: 0 to 360°	Pan: 0 to 360°; Tilt: 0 to 90°; Rotate: 0° to 360°	Pan: 0 to 360°; Tilt: 0 to 180°; Rotation: 0 to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 25 m	Up to 30 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 20 m	Up to 25 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	-	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE56DOT-IRM(C)	DS-2CE56DOT-IT1(C)	DS-2CE56DOT-IT3(C)	DS-2CE16DOT-ITPF(C)	DS-2CE16DOT-ITF(C)	DS-2CE17DOT-IT1	DS-2CE17DOT-IT3
Image						 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS		
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 25 m	Up to 30 m	Up to 40 m	Up to 25 m	Up to 25 m	Up to 30 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE17DOT-ITS	DS-2CE56DOT-IRPF(C)	DS-2CE56DOT-IRF(C)	DS-2CE56DOT-IRMF(C)	DS-2CE76DOT-ITPF(C)	DS-2CE76DOT-ITMF(C)	DS-2CE56DOT-IRMMF(C)
Image	 <span style="color:red;">NEW</span>						
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
Lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0 to 180°; Rotation: 0 to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 70°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 80 m	Up to 20 m	Up to 25 m	Up to 25 m	Up to 20 m	Up to 30 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	-	-	-	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	-	IP67	IP67	-	IP67	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE56DOT-IT1F(C)	DS-2CE56DOT-IT3F(C)	DS-2CE16DOT-ITPFS	DS-2CE16DOT-ITFS	DS-2CE76DOT-ITPFS	DS-2CE76DOT-ITMFS	DS-2CE78DOT-IT3FS
Image			HOT	HOT	HOT	HOT	HOT
Description	2 MP CMOS	2 MP CMOS					
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm	2.8 mm, 3.6 mm, 6 mm			
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter					
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 40 m	Up to 25 m	Up to 30 m	Up to 20 m	Up to 30 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)					
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%					

Model	DS-2CE56H0T-IT3ZF	DS-2CE16H0T-AIT3ZF	DS-2CE16H0T-IT3ZF	DS-2CE56H0T-VPIT3ZF	DS-2CE56H0T-VPIT3ZF	DS-2CE5AH0T-VPIT3ZF	DS-2CE5AH0T-VPIT3ZF
<b>Image</b>							
<b>Description</b>	5 MP Turret Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera
<b>Lens</b>	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens
<b>Min. Illumination</b>	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°
<b>Angle Adjustment</b>	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
<b>Day &amp; Night</b>	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
<b>WDR</b>	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
<b>Max. IR Range</b>	Up to 40 m	Up to 40m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m
<b>HD Video Output</b>	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS
<b>CVBS Output</b>	-	-	-	-	-	-	-
<b>D/N Mode</b>	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
<b>White Balance</b>	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
<b>BLC</b>	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
<b>DNR</b>	2D	2D	2D	2D	2D	2D	2D
<b>Functions</b>	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
<b>Protection Level</b>	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10
<b>Alarm I/O</b>	-	-	-	-	-	-	-
<b>Power</b>	12 VDC ±25%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±15%	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%

Model	DS-2CE56H0T-ITZF	DS-2CE56H0T-AITZF	DS-2CE16H0T-ITE	DS-2CE16H0T-IT1E	DS-2CE16H0T-IT3E	DS-2CE16H0T-IT5E	DS-2CE56H0T-VPITE
<b>Image</b>							
<b>Description</b>	5 MP Dome Camera	5 MP Dome Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Dome Camera
<b>Lens</b>	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
<b>Min. Illumination</b>	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	95.7° to 29.1°	95.7° to 29.1°	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm], 41° [8 mm], 25.7° [12 mm]	80.1° [3.6 mm], 57.1° [6 mm], 41° [8 mm], 25.7° [12 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]
<b>Angle Adjustment</b>	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
<b>Day &amp; Night</b>	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
<b>WDR</b>	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
<b>Max. IR Range</b>	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m			
<b>HD Video Output</b>	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
<b>CVBS Output</b>	-	-	-	-	-	-	-
<b>D/N Mode</b>	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)			
<b>White Balance</b>	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
<b>BLC</b>	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
<b>DNR</b>	2D	2D	2D	2D	2D	2D	2D
<b>Functions</b>	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR			
<b>Protection Level</b>	-	-	IP67	IP67	IP67	IP67	IP67,IK10
<b>Alarm I/O</b>	-	-	-	-	-	-	-
<b>Power</b>	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.at	12 VDC ±25%, PoC.af

Model	DS-2CE56H0T-ITME	DS-2CE56H0T-IT1E	DS-2CE56H0T-IT3E	DS-2CE16H0T-IT3ZE	DS-2CE56H0T-IT3ZE
Image					
Description	5 MP Turret Camera	5 MP Turret Camera	5 MP Turret Camera	5 MP Bullet Camera	5 MP Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm], 41° [8 mm], 25.7° [12 mm]	95.7° to 29.1°	95.7° to 29.1°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.at	12 VDC ±25%, PoC.at

Model	DS-2CE56H0T-ITZE	DS-2CE56H0T-VPIT3ZE	DS-2CE5AH0T-VPIT3ZE	DS-2CE16H0T-ITPF(C)	DS-2CE16H0T-ITF(C)
Image	 <span>PoC</span>	 <span>PoC</span>	 <span>PoC</span>		
Description	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP high performance COMS	5MP high performance COMS
Lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°
Angle Adjustment	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 40 m	Up to 40 m	Up to 25 m	Up to 30 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output				TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	Support	Support
DNR	2D	2D	2D	2D DNR	2D DNR
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR
Protection Level	IP67	IP67,IK10	IP67,IK10	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%, PoC,af	12 VDC ±25%, PoC,af	12 VDC ±25%, PoC,af	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE17H0T-IT1F	DS-2CE17H0T-IT3F	DS-2CE17H0T-IT5F	DS-2CE76H0T-ITMF(C)	DS-2CE76H0T-ITPF(C)	DS-2CE56H0T-IRMMF(C)	DS-2CE57H0T-VPITF (C)
Image							
Description	5 MP CMOS	5 MP CMOS	5 MP CMOS	-	-	5 MP high performance COMS	-
Lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0° to 350°, Tilt: 0° to 70°, Rotate: 0° to 350°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	Support	DWDR/BLC/HLC/Global
Max. IR Range	Up to 30 m	Up to 40 m	Up to 80 m	Up to 30 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	1 HD analog output	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	TVI/AHD/CVI/CVBS	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	ATW/MWB	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	Support	DWDR/BLC/HLC/Global
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	Support	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE78H0T-IT1F (C)	DS-2CE78H0T-IT3F(C)	DS-2CE16H0T-ITPFS	DS-2CE16H0T-ITFS	DS-2CE76H0T-ITPFS	DS-2CE76H0T-ITMFS	DS-2CE78H0T-IT3FS
Image			HOT	HOT	HOT	HOT	HOT
Description	-	5 MP CMOS					
Lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 355°, Tilt: 0 to 75°, Zoom 0 to 355°	Pan: 0 to 355°, Tilt: 0 to 75°, Zoom 0 to 355°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR/BLC/HLC/Global	Digital WDR					
Max. IR Range	-	Up to 40 m	Up to 25 m	Up to 30 m	Up to 20 m	Up to 30 m	Up to 40 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	-	-	-	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE16U1T-ITF	DS-2CE16U1T-ITPF	DS-2CE16U1T-IT1F	DS-2CE16U1T-IT3F	DS-2CE16U1T-IT5F	DS-2CE57U1T-VPITF
<b>Image</b>						
<b>Description</b>	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
<b>Lens</b>	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
<b>Min. Illumination</b>	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
<b>FOV</b>	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm], 37.73° [8 mm], 23.96° [12 mm]	79° [3.6 mm], 50.8° [6 mm], 37.73° [8 mm], 23.96° [12 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]
<b>Angle Adjustment</b>	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
<b>Day &amp; Night</b>	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
<b>WDR</b>	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
<b>Max. IR Range (meters)</b>	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m
<b>HD Video Output</b>	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
<b>CVBS Output</b>	-	-	-	-	-	-
<b>D/N Mode</b>	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
<b>White Balance</b>	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
<b>BLC</b>	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
<b>DNR</b>	2D	2D	2D	2D	2D	2D
<b>Functions</b>	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
<b>Protection Level</b>	IP67	IP67	IP67	IP67	IP67	IP67, IK10
<b>Alarm I/O</b>	-	-	-	-	-	-
<b>Power</b>	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE76U1T-ITPF	DS-2CE76U1T-ITMF	DS-2CE78U1T-IT1F	DS-2CE78U1T-IT3F	DS-2CE19U1T-IT3ZF	DS-2CE19U1T-AIT3ZF
Image						
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	-	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE79U1T-IT3ZF	DS-2CE56U1T-ITZF	DS-2CE56U1T-AITZF	DS-2CE59U1T-VPIT3ZF	DS-2CE59U1T-VPIT3ZF	DS-2CE5AU1T-VPIT3ZF	DS-2CE5AU1T-VPIT3ZF
Image							
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Alarm I/O	-	-	-	-	-	-	-
Power	9 VDC to 15 VDC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

# Turbo HD Cameras

## IoT Series

Passive infrared (PIR) Cameras enhance security with useful strobe lights and siren, which can ward off intruders while they are attempting to invade. These cameras are integrated with a PIR sensor which can detect human bodies, and when combined with Hikvision DVRs, create a system that can reduce false alarms to improve alarm accuracy and overall security.

- Ultra HD video
- Ultra-low-light night vision
- PIR detection
- EXIR 2.0
- Visual alarm and sound alarm



## PIR series

Model	DS-2CE11DOT-PIRL	DS-2CE11DOT-PIRLP	DS-2CE11DOT-PIRL0	DS-2CE11DOT-PIRLPO	DS-2CE71DOT-PIRL	DS-2CE71DOT-PIRLP
Image						
	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>
Description	2 MP PIR Bullet Camera	2 MP PIR Turret Camera	2 MP PIR Turret Camera			
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter					
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m					
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)					
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D	2D
Functions	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	1 alarm out	1 alarm out	-	-
Power	12 VDC ±25%	12 VDC ± 25%				

Model	DS-2CE71DOT-PIRLO	DS-2CE71DOT-PIRLPO	DS-2CE12DOT-PIRL	DS-2CE12DOT-PIRLO	DS-2CE11D8T-PIRL	DS-2CE11D8T-PIRLO
Image						
	<span>PIR Detection &amp; Light Alarm</span>	<span>PIR Detection &amp; Light Alarm</span>	<span>PIR Detection &amp; Light Alarm</span>	<span>PIR Detection &amp; Light Alarm</span>	<span>PIR Detection &amp; Light Alarm</span>	<span>PIR Detection &amp; Light Alarm</span>
Description	2 MP PIR Turret Camera	2 MP PIR Turret Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP Ultra-Low-Light PIR Bullet Camera	2 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	103° [2.8 mm], 82.2° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	> 130 dB	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	ATW/MANUAL	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	3D [Level 1 to 10]	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	1 alarm out	1 alarm out	-	1 alarm out	-	1 alarm out
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE71D8T-PIRL	DS-2CE71D8T-PIRLO	DS-2CE12D8T-PIRL	DS-2CE12D8T-PIRLO	DS-2CE11H0T-PIRL
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>
Description	2 MP Ultra-Low-Light PIR Turret Camera	2 MP Ultra-Low-Light PIR Turret Camera	2 MP Ultra-Low-Light PIR Bullet Camera	2 MP Ultra-Low-Light PIR Bullet Camera	5 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103.5° [2.8 mm], 79.1° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103.5° [2.8 mm], 79.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	> 130 dB	130 dB	> 130 dB	130 dB	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	Auto/Manual	ATW/MANUAL	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/HLC/Global	WDR/BLC/OFF	WDR/BLC/HLC/Global	WDR/BLC/OFF
DNR	3D [Level 1 to 10]	3D	3D [Level 1 to 10]	3D	2D
Functions	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	-	1 alarm out	-
Power	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%

Model	DS-2CE11HOT-PIRLP	DS-2CE11HOT-PIRLO	DS-2CE11HOT-PIRLPO	DS-2CE71HOT-PIRL	DS-2CE71HOT-PIRLO
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">PIR Detection &amp; Light Alarm</span>
Description	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	5 MP PIR Turret Camera	5 MP PIR Turret Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	1 alarm out	-	1 alarm out
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE71HOT-PIRLPO	DS-2CE71HOT-PIRLP	DS-2CE12HOT-PIRL	DS-2CE12HOT-PIRLO	DS-2CE12D0T-PIRXF
Image					
PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR detection & strobe light alarm & audible alarm
Description	5 MP PIR Turret Camera	5 MP PIR Turret Camera	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	2 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	85.5° [2.8 mm], 80.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 124° 3.6 mm, horizontal FOV: 81°, vertical FOV: 43°, diagonal FOV: 96° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global	-
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	1 alarm out	-	-	1 alarm out	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE72D0T-PIRXF	DS-2CE12DFT-PIRXOF28 (2.8mm)	DS-2CE12DFT-PIRXOF	DS-2CE72DFT-PIRXOF28 (2.8mm)	DS-2CE72DFT-PIRXOF
Image					
	<b>PIR detection &amp; strobe light alarm &amp; audible alarm</b>	<b>PIR detection &amp; strobe light alarm &amp; audible alarm</b>	<b>PIR detection &amp; strobe light alarm &amp; audible alarm</b>	<b>PIR detection &amp; strobe light alarm &amp; audible alarm</b>	<b>PIR detection &amp; strobe light alarm &amp; audible alarm</b>
Description	2 MP PIR Turret Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP PIR Turret Camera	2 MP PIR Turret Camera
Lens	2.8 mm, 3.6 mm 6 mm lens	2.8 mm fixed lens	3.6 mm 6 mm fixed lens	2.8 mm fixed lens	3.6 mm 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 124° 3.6 mm, horizontal FOV: 81°, vertical FOV: 43°, diagonal FOV: 96° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	>130dB	>130dB	>130dB	>130dB
Max. IR Range (meters)	Up to 20 m	Up to 40 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-
DNR	2D	3D DNR/ 2D DNR	3D DNR/ 2D DNR	3D DNR/ 2D DNR	3D DNR/ 2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	1 alarm out	1 alarm out	1 alarm out
Power	12 VDC ± 25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

# Turbo HD Cameras

## Special Series

Hikvision fisheye camera has built-in microphone and able to capture high quality images with wide angle. Pinhole camera is applicable for ATM machine and has excellent night performance in environments with dim light.

- 120 dB True WDR
- Ultra-low-light night vision
- EXIR 2.0
- Built-in microphone



Fisheye		Pinhole	
Model	DS-2CC52H1T-FITS	Model	DS-2CS54C8T-PH
Image		Image	
Description	HD 5 MP IR Fisheye Camera	Description	1 MP WDR Covert Camera
Lens	1.1 mm	Lens	2.8 mm fixed focal lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Min. Illumination	Color: 0.005 Lux @ [F1.2, AGC ON]
FOV	186°	FOV	88.6°
Angle Adjustment	Pan: 0°~30°; Tilt: 0°; Rotate: 0°	Angle Adjustment	-
Day & Night	ICR	Day & Night	Electronic
WDR	DWDR	WDR	> 120 dB
Max. IR Range	Up to 20 m	Max. IR Range (meters)	-
HD Video Output	1-ch BNC Output	HD Video Output	1 HD analog output/ * The adapter is required only when extending the cable.
CVBS Output	-	CVBS Output	1 CVBS output (75Ω/BNC)
D/N Mode	Color/BW/AUTO	D/N Mode	Auto/Color/BW (Black and White)
White Balance	-	White Balance	ATW/MANUAL
BLC	-	BLC	WDR/BLC/WDR
DNR	2D	DNR	Level 1 to 10
Functions	Brightness, Contrast, Saturation	Functions	Contrast, Brightness, Sharpness, Mirror
Protection Level	-	Protection Level	-
Alarm I/O	-	Alarm I/O	-
Power	12 VDC±15%	Power	12 V DC ±20%

# Turbo HD PTZ Cameras

055 AE7

056 AE5

057 AE4



# Turbo HD PTZ Cameras

## More Options, Better Compatibility

Turbo HD PTZ Camera captures high quality images even in poorly lit environments. With the embedded CMOS chip, WDR and real-time 1920 x 1080 resolution becomes possible. The speed domes feature wide compatibility thanks to the 4-in-1 video output.

- Up to 1920 x 1080 resolution
- 120 dB WDR
- 4-in-1 video output: 1 BNC, 4 switchable video outputs for TVI / AHD / CVI / CVBS
- More options for zoom ratio – 32x / 25x / 15x
- Minimum illumination
  - Color: 0.005 Lux @ F1.6
  - AGC on B/W: 0.001 Lux @ F1.6
  - AGC on IR: 0 Lux



Model	DS-2AE7225TI-A	DS-2AE7232TI-A
<b>Image</b>		
<b>Description</b>	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
<b>Lens</b>	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical
<b>Min. Illumination</b>	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]
<b>Angle Adjustment</b>	57.6° to 2.5° (wide-tele)	54.2° to 1.97° (wide-tele)
<b>Day &amp; Night</b>	ICR	ICR
<b>WDR</b>	≥ 120 dB	≥ 120 dB
<b>Max. IR Range</b>	Up to 150 m	Up to 150 m
<b>HD Video Output</b>	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
<b>White Balance</b>	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
<b>BLC</b>	Support	Support
<b>3D DNR</b>	Support	Support
<b>UTC Functions</b>	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
<b>Protection Level</b>	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection IK10 (excluding glass window)	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection IK10 (excluding glass window)
<b>Alarm I/O</b>	-	-
<b>Power</b>	24 VAC Max.: 40 W [Max. 14 W for IR]	24 VAC Max.: 40 W [Max. 14 W for IR]

Model	DS-2AE5225T-A	DS-2AE5232T-A	DS-2AE5225T-A3	DS-2AE5232T-A3	DS-2AE5225TI-A	DS-2AE5232TI-A
Image						
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]
Angle Adjustment	57.6° to 2.5° (wide-tele)	55.6° to 2.04° (wide-tele)	57.6° to 2.5° (wide-tele)	55.6° to 2.04° (wide-tele)	57.6° to 2.5° (wide to tele)	55.6° to 2.04° (wide to tele)
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB				
Max. IR Range	-	-	-	-	Up to 150 m	Up to 150 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support	Support	Support	Support	Support
3D DNR	Support	Support	Support	Support	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection, IK10	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection, IK10	TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection
Alarm I/O	2/1	2/1	2/1	2/1	2/1	2/1
Power	24 VAC Max.: 24 W	24 VAC Max.: 24 W	24 VAC Max.: 18 W	24 VAC Max.: 18 W	24 VAC Max.: 30 W (Max. 10 W for IR)	24 VAC Max.: 30 W (Max. 10 W for IR)

Model	DS-2AE4215T-D	DS-2AE4225T-D	DS-2AE4215T-D3	DS-2AE4225T-D3	DS-2AE4215TI-D	DS-2AE4225TI-D
Image						
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 15 × optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 15 × optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 15× optical zoom, 16× digital zoom 120 dB True WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable Turbo HD and CVBS outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 120 dB true WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
Angle Adjustment	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB
Max. IR Range	-	-	-	-	Up to 100 m	Up to 100 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support	Support	Support	Support	Support
3D DNR	Support	Support	Support	Support	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection
Alarm I/O	2/1	2/1	2/1	2/1	-	-
Power	12 VDC Max.: 16 W	12 VDC Max.: 16 W	12 VDC Max.: 12 W	12 VDC Max.: 12 W	12 VDC Max.: 20 W (Max. 7 W for IR)	12 VDC Max.: 20 W (Max. 7 W for IR)

Turbo HD Camera  
 PTZ Camera  
 Turbo HD DVRs  
 Encoder  
 Network Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 KIT  
 Thermal Monitor  
 Switch  
 Cable  
 Controller & Transmission  
 Accessories  
 DORI Distance

# DVR

**059** Ultra Series

**063** Pro Series

**073** Value Series

**076** Hikvision AcuSense Series

**081** Special Series



# Turbo HD DVRs

## Ultra Series

With excellent performance, the Ultra Series DVRs can accommodate up to 32 channels of analog cameras. Ultra Series DVRs have strong hybrid access capability. The 8 SATA interfaces are useful for users who require larger storage space.

- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability
- Line crossing detection / intrusion detection / sudden scene change detection



Model	DS-8108HQHI-K8	DS-8116HQHI-K8	DS-8124HQHI-K8	DS-8132HQHI-K8
Image				
Video Compression	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264
Analog Video-Audio Input	8-ch	16-ch	24-ch	32-ch
IP Video Input	4-ch [Up to 12-ch], Up to 6 MP	8-ch [Up to 24-ch], Up to 6 MP	16-ch [Up to 40-ch], Up to 6 MP	16-ch [Up to 48-ch], Up to 6 MP
Audio Input	8-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1 kΩ]			
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	-
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 [full-duplex], Keyboard			
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch			
Alarm I/O	16/8	16/8	16/8	16/8
Power	100 to 240 VAC			
Chassis	2U	2U	2U	2U

Model	DS-8108HUHI-K8	DS-8116HUHI-K8	DS-8124HUHI-K8	DS-8132HUHI-K8	DS-9008HUHI-K8	DS-9016HUHI-K8
<b>Image</b>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>				 <span style="color: orange;">HOT</span>
<b>Video Compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
<b>Analog Video-Audio Input</b>	8-ch	16-ch	24-ch	32-ch	8-ch	16-ch
<b>IP Video Input</b>	8-ch (Up to 16-ch), Up to 8 MP	16-ch (Up to 32-ch), Up to 8MP	16-ch (Up to 40-ch), Up to 8MP	16-ch (Up to 48-ch), Up to 8MP	10-ch (Up to 18-ch), Up to 12MP	18-ch (Up to 34-ch), Up to 12MP
<b>Audio Input</b>	8ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	8-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
<b>HDMI / VGA Output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>HDMI2 Output</b>	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>CVBS Output</b>	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
<b>Audio Output</b>	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]
<b>Encoding Capability</b>	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]
<b>SATA Capacity</b>	8 SATA interface Up to 10 TB capacity for each disk	8SATA interface Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
<b>Array Type</b>	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
<b>Network Interface</b>	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Serial Interface</b>	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard
<b>USB Port</b>	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
<b>Smart Function</b>	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
<b>Alarm I/O</b>	16/4	16/4	16/8	16/8	16/8	16/8
<b>Power</b>	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
<b>Chassis</b>	2U	2U	2U	2U	2U	2U

Model	DS-9024HUHI-K8	DS-9032HUHI-K8
Image		
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	24-ch	32-ch
IP Video Input	24-ch (Up to 48-ch), Up to 12MP	32-ch (Up to 64-ch), Up to 12MP
Audio Input	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]
Encoding Capability	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P) /30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P) /30fps (N)	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P) /30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P) /30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/8	16/8
Power	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U

Model	DS-8116HTHI-K8	DS-9016HTHI-K8
Image		
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	16-ch	16-ch
IP Video Input	16-ch (Up to 32-ch), Up to 8 MP	18-ch (Up to 34-ch), Up to 12 MP resolution
Audio Input	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]
HDMI2 Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
CVBS Output	1-ch, 4K [3840 × 2160]/30 Hz, 2K [2560 × 1440]/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 4K [3840 × 2160]/30 Hz, 2K [2560 × 1440]/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
Audio Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Encoding Capability	Main stream: 8 MP@12 fps / 5 MP@20 fps; 3 MP@18fps; 4 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF@25fps (P) /30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P) /30fps (N)	Main stream: 8 MP@12 fps / 5 MP@20 fps; 3 MP@18fps; 4 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF@25fps (P) /30fps (N) Sub-stream: WD1 / 4CIF / CIF@25fps (P) / 30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID1, RAID5, RAID6, RAID10	RAID 0, RAID1, RAID5, RAID6, RAID10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/4	16/8
Power	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U

# Turbo HD DVRs

## Pro Series

Pro Series DVRs support HD videos, H.265 / H.265 pro+ encoding technology, 4K resolution output, power over coax (PoC), different VCA rules, and more.

- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability
- Line crossing detection / intrusion detection / sudden scene change detection
- Audio over coaxial
- PoC for easy installation 5-in-1 devices



**HD 1080p Lite**

Model	DS-7204HGHI-F1	DS-7208HGHI-F1	DS-7216HGHI-F1	DS-7208HGHI-F2	DS-7216HGHI-F2	DS-7208HGHI-F1/N
Image						
	(Coaxial Audio)	(Coaxial Audio)				(Coaxial Audio)
<b>Video Compression</b>	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+
<b>Analog Video-Audio Input</b>	4-ch	8-ch	16-ch	8-ch	16-ch	8-ch
<b>IP Video Input</b>	1-ch[Up to 5-ch],Up to 1080p	2-ch[Up to 10-ch],Up to 1080p	2-ch[Up to 18-ch],Up to 1080p	2-ch[Up to 10-ch],Up to 1080p	2-ch[Up to 18-ch],Up to 1080p	2-ch[Up to 10-ch],Up to 5 MP
<b>Audio Input</b>	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
<b>HDMI / VGA Output</b>	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>HDMI2 Output</b>	-	-	-	-	-	-
<b>CVBS Output</b>	-	-	-	-	-	-
<b>Audio Output</b>	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
<b>Encoding Capability</b>	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/ QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/ QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: 1080p lite/HD 720p lite/WD1/4CIF/ VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)
<b>SATA Capacity</b>	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk
<b>Array Type</b>	-	-	-	-	-	-
<b>Network Interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
<b>Serial Interface</b>	-	-	-	-	-	-
<b>USB Port</b>	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
<b>Smart Function</b>	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch
<b>Alarm I/O</b>	-	-	-	-	-	-
<b>Power</b>	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
<b>Chassis</b>	1U (260mm)	1U (260mm)	1U (260mm)	1U (380mm)	1U (380mm)	1U (260mm)

Turbo HD Camera	Turbo HD Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable Transmission	Controller & Accessories	DORI Distance
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Model	DS-7216H6HI-F1/N	DS-7216H6HI-K1	DS-7216H6HI-K2	DS-7224H6HI-K2	DS-7232H6HI-K2
Image		 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
Video Compression	H.264 / H.264+	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	16-ch	16-ch	16-ch	24-ch	32-ch
IP Video Input	2-ch(Up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	-	-	-	1-ch, BNC [1.0 Vp-p, 75 Ω],resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω],resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Encoding Capability	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	-	-	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch
Alarm I/O	-	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (260mm)	1U(260mm)	1U(380mm)	1U(380mm)	1U(380mm)

Model	DS-7204HQHI-K1	DS-7208HQHI-K1	DS-7216HQHI-K1	DS-7208HQHI-K2	DS-7216HQHI-K2
Image	 <span style="color: orange;">• HOT</span>	 <span style="color: orange;">• HOT</span>	 <span style="color: orange;">• HOT</span>	 <span style="color: orange;">• HOT</span>	 <span style="color: orange;">• HOT</span>
	<span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Coaxial Audio</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Coaxial Audio</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Coaxial Audio</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Coaxial Audio</span>	<span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; color: red;">Coaxial Audio</span>
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio
IP Video Input	2-ch(Up to 6-ch), Up to 6 MP resolution	4-ch(Up to 12-ch), Up to 6 MP resolution	8-ch(Up to 24-ch), Up to 6 MP resolution	4-ch(Up to 12-ch), Up to 6 MP resolution	8-ch(Up to 24-ch), Up to 6 MP resolution
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]				
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1 kΩ]				
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)				
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch				
Alarm I/O	-	-	-	-	-
Power	12 VDC				
Chassis	1U (315mm)	1U (315mm)	1U (315mm)	1U (380mm)	1U (380mm)

Model	DS-7204HQHI-K1/P	DS-7208HQHI-K2/P	DS-7216HQHI-K2/P	DS-7224HQHI-K2	DS-7232HQHI-K2
Image					
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	16-ch	24-ch	32-ch
IP Video Input	2-ch[Up to 6-ch], Up to 6 MP resolution	4-ch[Up to 12-ch], Up to 6 MP resolution	8-ch[Up to 24-ch], Up to 6 MP resolution	8-ch[Up to 32-ch], Up to 6 MP resolution	8-ch[Up to 40-ch], Up to 6 MP resolution
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]				
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1kΩ]				
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP Stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)				
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch				
Alarm I/O	-	-	-	-	-
Power	48 VDC	48 VDC	48 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1U (380mm)	1U (380mm)

Model	DS-7304HQHI-K4	DS-7308HQHI-K4	DS-7316HQHI-K4	DS-7324HQHI-K4
Image				
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	16-ch	24-ch
IP Video Input	2-ch [Up to 6-ch], Up to 6 MP resolution	4-ch [up to 12-ch], Up to 6 MP resolution	8-ch [Up to 24-ch], Up to 6 MP resolution	16-ch [Up to 48-ch], Up to 6 MP resolution
Audio Input	4-ch, RCA [2.0 Vp-p, 1 KΩ]	4-ch, RCA [2.0 Vp-p, 1 KΩ]	4-ch, RCA [2.0 Vp-p, 1 KΩ]	4-ch, RCA [2.0 Vp-p, 1 KΩ]
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1KΩ]	2-ch, RCA [Linear, 1KΩ]	2-ch, RCA [Linear, 1KΩ]	1-ch, RCA [Linear, 1KΩ]
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	16/4	16/4	16/4	16/4
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	1.5U	1.5U	1.5U	1.5U

Model	DS-7332HQHI-K4
Image	 HOT
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	32-ch
IP Video Input	16-ch (Up to 48-ch), Up to 6 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 kΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ)  Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 3 MP stream access: 3 MP@1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p@720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N])  When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 3 MP stream access: 3 MP@1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p@720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N])  Sub-stream: WD1/4CIF@12fps; CIF@25fps (P/I/30fps [N])
Encoding Capability	4 SATA interface Up to 10 TB capacity for each disk
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk
Array Type	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	16/4
Power	100 to 240 VAC
Chassis	1.5U

5 MP			
Model	DS-7204HUHI-K1	DS-7208HUHI-K1	DS-7204HUHI-K2
Image	 HOT	 HOT	 HOT
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	4-ch, Coaxial video-audio
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	4-ch (Up to 8-ch), Up to 8 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)
Encoding Capability	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P/I/30fps [N]) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite/3MP@1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P/I/30fps [N])	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P/I/30fps [N]) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite/3MP@1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P/I/30fps [N])	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P/I/30fps [N]) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2. When 8 MP Lite mode enabled: 8 MP Lite/3MP@1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K2. Sub-stream: WD1/4CIF/CIF@25fps (P/I/30fps [N])
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels
Alarm I/O	4/1	8/4	4/1
Power	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (315mm)	1U (380mm)

Turbo HD Camera  
Turbo HD PTZ Camera  
DVRs  
Encoder  
Network Camera  
PTZ Dome Camera  
Panoramic Camera  
NVR  
KIT  
Thermal Monitor  
Switch  
Cable  
Controller & Transmission  
Accessories  
DORI Distance

Model	DS-7208HUHI-K2	DS-7216HUHI-K2	DS-7204HUHI-K1/P	DS-7208HUHI-K2/P	DS-7216HUHI-K2/P
Image					
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio	4-ch	8-ch	16-ch
IP Video Input	8-ch [Up to 16-ch], Up to 8 MP resolution	16-ch [Up to 32-ch], Up to 8 MP resolution	4-ch [Up to 8-ch], Up to 8 MP resolution	8-ch [Up to 16-ch], Up to 8 MP resolution	16-ch [Up to 32-ch], Up to 8 MP resolution
Audio Input	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
Encoding Capability	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps [P]/30 fps [N] *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2. When 8 MP Lite mode enabled: 8 MP Lite/3MP/1080p/720p/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K2, Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps [P]/30 fps [N] *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2. When 8 MP Lite mode enabled: 8 MP Lite/3MP/1080p/720p/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K2, Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]
SATA Capacity	2 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels
Alarm I/O	8/4	16/4	4/1	8/4	4/1
Power	12 VDC	12 VDC	48 VDC	48 VDC	100 to 240 VAC
Chassis	1U (380mm)	1U (380mm)	1U (315mm)	1U (380mm)	1U (380mm)

Model	DS-7304HUHI-K4	DS-7308HUHI-K4	DS-7316HUHI-K4	DS-7324HUHI-K4	DS-7332HUHI-K4
Image			 HOT		 HOT
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265+ / H.265 / H.264+/ H.264	H.265+ / H.265 / H.264+/ H.264
Analog Video-Audio Input	4-ch	8-ch	16-ch	24-ch	32-ch
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP resolution	16-ch (Up to 40-ch), Up to 8 MP resolution	16-ch (Up to 48-ch), Up to 8 MP resolution
Audio Input	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ] [independent]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1kΩ]	2-ch, RCA [Linear, 1kΩ]	2-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
Encoding Capability	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 [full-duplex], Keyboard				
USB Port	2 × USB 2.0 1 × USB 3.0				
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels				
Alarm I/O	16/4	16/4	16/4	16/4	16/4
Power	100 to 240 VAC				
Chassis	1.5U	1.5U	1.5U	1.5U	1.5U

Turbo HD Camera  
Turbo HD Camera  
DVRs Encoder Network Camera PTZ Dome Camera Panoramic NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-7204HTHI-K1	DS-7204HTHI-K2	DS-7208HTHI-K2	DS-7316HTHI-K4
Image				
	Coaxial Audio	Coaxial Audio	Coaxial Audio	HOT
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP
Audio Input	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI2 Output	-	-	-	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	2-ch, RCA (Linear, 1 kΩ)
Encoding Capability	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@12 fps/5 MP@20 fps; 3 MP@18fps; 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interfaces Up to 10 TB capacity for each disk	2SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	4 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	RAID 0, RAID1, RAID5, RAID6, RAID10
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-232, RS-485 (full-duplex), Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	4/1	4/1	8/4	16/4
Power	12 VDC	12 VDC	12 VDC	100 to 240 VAC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1.5U

# Turbo HD DVRs

## Value Series

Value Series DVRs offer cost-effective high quality video security solution. The Value Series DVRs deliver high quality video monitoring with H.265 Pro+ and H.265 Pro compression technology, up to 5 MP ultra HD encoding ability and great durability.

- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability



**HD 1080p Lite**

Model	DS-7104HGHI-F1	DS-7108HGHI-F1	DS-7116HGHI-F1	DS-7108HGHI-F1/N	DS-7116HGHI-F1/N	DS-7116HGHI-K1
<b>Image</b>						
		<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Coaxial Audio</span>			<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Coaxial Audio</span>	
<b>Video Compression</b>	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
<b>Analog Video-Audio Input</b>	4-ch	8-ch	16-ch	8-ch	16-ch	16-ch
<b>IP Video Input</b>	1-ch (up to 5-ch), Up to 1080p	2-ch (up to 10-ch), Up to 1080p	2-ch (up to 18-ch), Up to 1080p	2-ch (up to 10ch), Up to 5 MP	2-ch (up to 18-ch), Up to 5 MP	2-ch (up to 18-ch), Up to 5 MP
<b>Audio Input</b>	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable
<b>HDMI / VGA Output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
<b>Audio Output</b>	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
<b>Encoding Capability</b>	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)  When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/ VGA@12fps; CIF@25fps (P)/30fps (N)  When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/ VGA@12fps; CIF@25fps (P)/30fps (N)  When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/ VGA@15 fps; CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/ WD1/4CIF/VGA@15 fps; CIF@ 25fps (P)/30 fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15 fps For standard definition stream access: CIF/QVGA@25 fps (P)/30 fps (N)
<b>SATA Capacity</b>	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 10TB capacity for each disk
<b>Network Interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
<b>Serial Interface</b>	-	-	-	-	-	-
<b>USB Port</b>	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
<b>Alarm I/O</b>	-	-	-	-	-	-
<b>Power</b>	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
<b>Chassis</b>	Mini 1U (200mm)	Mini 1U (200mm)	Mini 1U (285mm)	Mini 1U (200mm)	Mini 1U (285mm)	Mini 1U (285mm)

**HD 1080p**

Model	DS-7104HQHI-K1	DS-7108HQHI-K1	DS-7116HQHI-K1
<b>Image</b>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">HOT</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">HOT</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">HOT</span>
<b>Video Compression</b>	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
<b>Analog Video-Audio Input</b>	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio
<b>IP Video Input</b>	2-ch (Up to 6-ch), Up to 6 MP resolution	4-ch (Up to 12-ch), Up to 6 MP resolution	8-ch (Up to 24-ch), Up to 6 MP resolution
<b>Audio Input</b>	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
<b>HDMI / VGA Output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Audio Output</b>	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
<b>Encoding Capability</b>	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite@3 MP@15fps; 1080p lite@720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite@3 MP@15fps; 1080p lite@720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite@3 MP@15fps; 1080p lite@720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
<b>SATA Capacity</b>	1 SATA interface Up to 6 TB capacity for each disk	1 SATA interface Up to 6 TB capacity for each disk	1 SATA interface Up to 6 TB capacity for each disk
<b>Network Interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Serial Interface</b>	-	-	-
<b>USB Port</b>	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
<b>Alarm I/O</b>	-	-	-
<b>Power</b>	12 VDC	12 VDC	12 VDC
<b>Chassis</b>	Mini 1U [200mm]	Mini 1U [200mm]	Mini 1U [285mm]

**5 MP**

Model	DS-7104HUHI-K1	DS-7108HUHI-K1
<b>Image</b>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Coaxial Audio</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Coaxial Audio</span>
<b>Video Compression</b>	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
<b>Analog Video-Audio Input</b>	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio
<b>IP Video Input</b>	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution
<b>Audio Input</b>	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
<b>HDMI / VGA Output</b>	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Audio Output</b>	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
<b>Encoding Capability</b>	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/SMP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite@8 fps When 8 MP Lite mode enabled: 8 MP Lite@3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP Lite is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite@15 fps *: 8 MP Lite is only available for DS-7104HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/SMP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite@8 fps When 8 MP Lite mode enabled: 8 MP Lite@3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP Lite is only available for DS-7104HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
<b>SATA Capacity</b>	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk
<b>Network Interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Serial Interface</b>	-	-
<b>USB Port</b>	2 × USB 2.0	2 × USB 2.0
<b>Alarm I/O</b>	-	-
<b>Power</b>	12 VDC	12 VDC
<b>Chassis</b>	Mini 1U [200mm]	Mini 1U [200mm]

Turbo HD PTZ Camera  
Turbo HD Camera  
DVRs Encoder Network Camera PTZ Dome Camera Panoramic NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

## Turbo HD DVRs

# Hikvision AcuSense Series

Based on deep learning technology, Hikvision's AcuSense DVRs have the ability to recognize and extract human body and vehicle targets. This way, the AcuSense DVRs achieve high-accuracy alarm functionality as well as rapid retrieval of past video clips based on human or vehicle classifications. These intelligent features liberate users from time-consuming browsing and searching.

- AcuSense Technology
- Motion detection with human / vehicle classification for all analog channels
- Facial comparison
- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Audio over coaxial
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability



Model	iDS-7204HQHI-M1/S	iDS-7208HQHI-M1/S	iDS-7208HQHI-M2/S	iDS-7216HQHI-M1/S	iDS-7216HQHI-M2/S	
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	
Analog Video Input	4-ch	8-ch	8-ch	16-ch	8-ch	
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	
Audio Input	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	
HDMI2 Output	-	-	-	-	-	
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
Audio Output	1-ch, RCA (Linear, 1kΩ)					
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
Serial Interface	RS-485 (half-duplex)					
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 2-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	
Alarm I/O	-	-	-	-	-	
Power	12 VDC					
Chassis	1U (315mm)	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)	

 Turbo HD PZT Camera  
 Turbo HD Camera  
 DVRs Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	iDS-7204HQHI-M1/FA	iDS-7208HQHI-M1/FA	iDS-7208HQHI-M2/FA	iDS-7216HQHI-M1/FA	iDS-7216HQHI-M2/FA
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">NEW</span>
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	8-ch	16-ch	16-ch
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1kΩ]				
Encoding Capability	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)				
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 2-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch
Alarm I/O	-	-	-	-	-
Power	12 VDC				
Chassis	1U (315mm)	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)

Model	iDS-7204HUHI-M1/S	iDS-7204HUHI-M2/S	iDS-7208HUHI-M1/S	iDS-7208HUHI-M2/S
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
Turbo HD 5.0				
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	4-ch	4-ch	4-ch
IP Video Input	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Encoding Capability	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 [half-duplex]	RS-485 [half-duplex]	RS-485 [half-duplex]	RS-485 [half-duplex]
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch
Alarm I/O	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)

Turbo HD Camera  
Turbo HD Camera  
DVRs  
Encoder  
Network Camera  
PTZ Dome Camera  
Panoramic Camera  
NVR  
KIT  
Thermal Monitor  
Switch  
Cable Transmission  
Controller & Accessories  
DORI Distance

Model	iDS-7204HUHI-M1/FA	iDS-7204HUHI-M2/FA	iDS-7208HUHI-M1/FA	iDS-7208HUHI-M2/FA
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
	<span style="border:1px solid red; border-radius:50%; padding:2px 5px;">Turbo HD 5.0</span>	<span style="border:1px solid red; border-radius:50%; padding:2px 5px;">Turbo HD 5.0</span>	<span style="border:1px solid red; border-radius:50%; padding:2px 5px;">Turbo HD 5.0</span>	<span style="border:1px solid red; border-radius:50%; padding:2px 5px;">Turbo HD 5.0</span>
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	4-ch	4-ch	4-ch
IP Video Input	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ)			
Encoding Capability	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch
Alarm I/O	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1U (380mm)

# Turbo HD DVRs

## Special Series

Hikvision's banking-specific solution - ATM systems. ATM devices are equipped with smart analysis functions. These functions include multi-channel analyses based on preset rules on certain behaviors in the immediate vicinity around ATM machines.

- H.264 + / H.264
- Deep learning technology
- Multiple VCA events
- Multi-channel smart analysis



Model	IDS-7204AHQHI-M1	IDS-8104AHQXLI-F4	DS-8104AHQ(L)I-K4
<b>Image</b>	 <span style="color:red;">NEW</span>		
<b>Video Compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.264 / H.264+	H.264 / H.264+
<b>Analog Video Input</b>	4-ch	4-ch	4-ch
<b>IP Video Input</b>	Defaulted 0-ch; Up to 6-ch, 6 MP resolution	4-ch (Up to 8-ch), 8 MP resolution	4-ch (Up to 8-ch), 8 MP resolution
<b>Audio Input</b>	1-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, BNC [2.0 Vp-p, 1 kΩ]	4-ch, BNC [2.0 Vp-p, 1 kΩ]
<b>HDMI / VGA Output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>CVBS Output</b>	BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
<b>Audio Output</b>	1-ch, RCA [Linear, 1 kΩ]	2-ch, BNC [Linear, 600 Ω]	2-ch, BNC [Linear, 600 Ω]
<b>Encoding Capability</b>	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite@15 fps; 1080p Lite/720p Lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: 3 MP@15fps; 1080p/720p/WD1/VGA/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF/CIF/QCIF/QVGA	Main stream: 3 MP@15fps; 1080p/720p/WD1/VGA/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF/CIF/QCIF/QVGA
<b>SATA Capacity</b>	1 SATA interface Up to 8 TB capacity for each disk	4 SATA interface Up to 8 TB capacity for each disk	4 SATA interface Up to 8 TB capacity for each disk
<b>Network Interface</b>	1, RJ45 10/100 Mbps self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Serial Interface</b>	RS-232, RS-485 (full-duplex)	RS-232, RS-485 (full-duplex)	RS-232, RS-485 (full-duplex)
<b>USB Port</b>	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
<b>Smart Function</b>	1-1-ch human face mode and 1-ch panel mode for analog channel Support overlapping the multiple ATM cards' number and multiple protocols Support triggering recording once inserting the ATM card Enabling/disabling the function of transaction information overlapping during playback and live view Playback by inputting ATM card number, transaction amount or transaction type Playback by smart ATM alarm	Up to 4-ch panel mode, human face mode, or safety cabin mode together; Up to 2-ch environment mode	-
<b>Alarm I/O</b>	N/A	9/4	9/4
<b>Power</b>	12 VDC, 1.5 A	100 to 240 VAC	100 to 240 VAC
<b>Chassis</b>	315 × 242 × 45 mm	180 × 280 × 180 mm	180 × 280 × 180 mm

# Encoders

083 DVS



# Encoders

Hikvision Encoder Servers allow the analog signal to be digitized and then stored on a hard drive or transmitted via network, capable of encoding at up to 4K resolution.

➤ H.265+ / H.265

➤ Ultra HD

➤ Various network protocols



Model	DS-6701HUHI	DS-6704HUHI	DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
<b>Image</b>					
<b>Video Compression</b>	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
<b>Analog Video Input</b>	1-ch	4-ch	4-ch	8-ch	16-ch
<b>Supported Analog Camera Types</b>	HDTV: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 1080p30, 1080p25, 720p30, 720p25 HDCVI: 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 1080p30, 1080p25, 720p30, 720p25 HDCVI: 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP, 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP, 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP, 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC
<b>Audio Output</b>	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
<b>Audio Input</b>	1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) (LINE IN)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
<b>Encoding Capability</b>	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
<b>Storage</b>	1 Micro SD card slot, supports Micro SD card 8G Up to 128 GB	1 Micro SD card slot, supports Micro SD card 8G Up to 128 GB	1 SATA interface Up to 8 TB capacity for each disk	2 SATA interface Up to 8 TB capacity for each disk	2 SATA interface Up to 8 TB capacity for each disk
<b>Network Interface</b>	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Serial Interface</b>	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232
<b>Alarm I/O</b>	1/1	4/2	4/1	8/4	16/4
<b>Power</b>	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
<b>Chassis</b>	162.5 × 114 × 47.5 mm (6.4 × 4.5 × 1.9 inch)	162.5 × 114 × 47.5 mm (6.4 × 4.5 × 1.9 inch)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)

# EasyIP History

In 2012, Hikvision launched the first iteration of the EasyIP Solution, making a significant impact on the industry.

EasyIP 1.0 employed the H.264 codec and offered 1.3, 2, and 3 MP cameras. Hikvision responded to the increased demand for this renowned solution, applying more advanced technologies in 2014. The result was EasyIP 2.0, utilizing the H.264+ codec, and this time offering 2 MP and 4 MP cameras. More than that, the 2.0 version carried 120 dB Wide Dynamic Range cameras and Hik-Connect Service, opening up new possibilities and extending system management.

In 2017, the EasyIP 3.0 Solution featured the H.265+ codec, maximizing resources and taking video resolution up to 4K! Sharp, vivid imaging during the day was complemented by powerful DarkFighter technology at night. What's more, the 3.0 version provided more VCA functions, extended power-over-Ethernet functionality, and more. But Hikvision did not stop there.

The EasyIP 4.0 Solution builds on the already powerful functions, now achieving colorful imaging in zero-light environments with Hikvision ColorVu technology. Hikvision AcuSense technology – now in both front-end and back-end products – provides more efficient security management. The best SMB solution just got better!

EasyIP 4.0



ColorVu

- H.265 & H.265+
- Up to 4K resolution
- Powered by DarkFighter

EasyIP 3.0

- H.265 & H.265+
- Up to 4K resolution
- More VCA functions
- Super PoE
- Powered by DarkFighter

EasyIP 2.0+

- H.265 & H.265+
- Up to 4K resolution
- VCA functions
- Super PoE

EasyIP 2.0

- H.264+
- 4 MP / 2 MP
- 120 dB WDR
- Hik-Connect Service

EasyIP 1.0

- H.264
- 3 MP / 2 MP / 1.3 MP

# Powered by DarkFighter

The excellent low-light imaging is supported on cameras of up-to-4K ultra HD resolution.

The combination of bright night imagery and high definition guarantees round-the-clock recording of video evidence.

## Better color imaging in low-light environments

**2 MP**



Captured with a conventional  
2 MP camera



Captured with a Powered by  
DarkFighter 2 MP camera

**4 MP**



Captured with a conventional  
4 MP camera



Captured with a Powered by  
DarkFighter 4 MP camera

**8 MP (4K)**



Captured with a conventional  
8MP camera



Captured with a Powered by  
DarkFighter 8 MP camera

# Other Features

Video Content Analytics is no longer reserved only for enterprise level security systems. The EasyIP solution brings VCAs into reach for SMB security. Designed for state-of-the-art performance with easy installation, our solution comes armed with reliable components and robust protections. With automatic network backup features and simple Internet connection services, a vigorous security system goes into operation quickly—and stays that way.

- VCAs
- Designed for easy installation
- 120 dB WDR (Wide Dynamic Range)
- EXIR 2.0
- Triple-stream
- On-board storage
- IP67, IP66, & IK10 protection
- ANR (Automatic Network Replenishment)
- Dual system backup (NVR)
- IP address automatic allocation
- Free Hik-Connect cloud service

# Network Cameras

**87** Pro Series (EasyIP)

**109** Value Series



## Network Cameras

### Pro Series (EasyIP)

Simply Powerful, the Easier Journey to Better Security

With a perfect balance of performance and value, Hikvision Pro Series network cameras aim to provide just the right components, including intelligent features that are affordable and easy to use.

- Hikvision AcuSense technology: focus on human / vehicle targets
- Hikvision ColorVu technology: 24/7 colorful imaging
- H.265+ / H.265 codec
- Up to 4K ultra-HD
- Powered by DarkFighter
- Efficient VCA functions
- Easy to install, set up, and manage



Model	DS-2CD2026G2-I(U)	DS-2CD2026G2-IU/SL	DS-2CD2046G2-I(U)	DS-2CD2046G2-IU/SL	DS-2CD2086G2-I(U)
Image	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 129° 4 mm, horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 102° 6 mm, horizontal FOV: 55°, vertical FOV: 29°, diagonal FOV: 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°
Max. IR Range	40 m	40 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	-I model: IP67 -IU model: IP66	IP66	-I model: IP67 -IU model: IP66	IP66	-I model: IP67 -IU model: IP66
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone(-IU)	1 built-in microphone 1 built-in speaker	Built-in microphone(-IU)	1 built-in microphone 1 built-in speaker	Built-in microphone(-IU)
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Model	DS-2CD2126G2-(-ISU)	DS-2CD2146G2-(-ISU)	DS-2CD2326G2-(-IU)	DS-2CD2326G2-ISU/SL	DS-2CD2346G2-(-IU)
Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
Image Sensor	Hikvision AcuSense	Hikvision AcuSense	Hikvision AcuSense	Hikvision AcuSense	Hikvision AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2592 × 1944	1920 × 1080	1920 × 1080	2592 × 1944
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°
Max. IR Range	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	-I model: IP67, IK10 -ISU model: IP66, IK10	-I model: IP67, IK10 -ISU model: IP66, IK10	-I model: IP67 -IU model: IP66	IP66	-I model: IP67 -IU model: IP66
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out(-ISU) Built-in microphone(-ISU)	1 In, 1 Out(-ISU) Built-in microphone(-ISU)	Built-in microphone(-IU)	1 In, 1 Out Built-in microphone	Built-in microphone(-IU)
Alarm I/O	1 In, 1 Out (-ISU)	1 In, 1 Out (-ISU)	-	1 In, 1 Out	-
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Model	DS-2CD2346G2-ISU/SL	DS-2CD2386G2-I(U)	DS-2CD2386G2-ISU/SL	DS-2CD2626G2-Izs	DS-2CD2626G2-ISU/SL	DS-2CD2646G2-Izs
Image	 <span>Hikvision AcuSense</span>	 <span>Hikvision AcuSense</span>	 <span>Hikvision AcuSense</span>	 <span>Hikvision AcuSense</span>	 <span>Hikvision AcuSense</span>	 <span>Hikvision AcuSense</span>
Image Sensor	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	2592 × 1944	3840 × 2160	3840 × 2160	1920 × 1080	1920 × 1080	2592 × 1944
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°
Max. IR Range	30 m	30 m	30 m	60 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP66	-I model: IP67 -IU model: IP66	IP66	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out Built-in microphone	Built-in microphone[-IU]	1 In, 1 Out Built-in microphone	1 In, 1 Out	1 In, 1 Out Built-in microphone	1 In, 1 Out
Alarm I/O	1 In, 1 Out	-	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3at, class4]	12 VDC ± 25%, PoE [802.3at, class4]	12 VDC ± 25%, PoE [802.3at, class4]

Model	DS-2CD2646G2-IZSU/SL	DS-2CD2686G2-IZS	DS-2CD2686G2-IZSU/SL	DS-2CD2726G2-IZS	DS-2CD2746G2-IZS	DS-2CD2786G2-IZS
<b>Image</b>	 <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; padding: 2px;">NEW</span>	 <span style="border: 1px solid red; padding: 2px;">NEW</span>
<b>Image Sensor</b>	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Resolution</b>	2592 × 1944	3840 × 2160	3840 × 2160	1920 × 1080	2592 × 1944	3840 × 2160
<b>Video Compression</b>	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
<b>Min. Illumination</b>	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]
<b>WDR</b>	120dB	120dB	120dB	120dB	120dB	120dB
<b>Lens</b>	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
<b>FOV</b>	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°
<b>Max. IR Range</b>	60 m	60 m	60 m	40 m	40 m	40 m
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
<b>Frame Rate</b>	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	1 In, 1 Out Built-in microphone	1 In, 1 Out	1 In, 1 Out Built-in microphone	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
<b>Alarm I/O</b>	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
<b>Power</b>	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera  
Turbo HD PTZ Camera  
DVRs Encoder  
Network Camera  
PTZ Dome Camera  
Panoramic Camera  
NVR  
K/T  
Thermal Monitor  
Switch  
Cable Transmission  
Controller & Accessories  
DORI Distance

Model	DS-2CD2T2662-2I/4I	DS-2CD2T2662-ISU/SL	DS-2CD2T4662-2I/4I	DS-2CD2T4662-ISU/SL	DS-2CD2T8662-2I/4I	DS-2CD2T8662-ISU/SL
Image	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	3840 × 2160	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.003 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°
Max. IR Range	-2l: 60 m -4l: 80 m	60 m	-2l: 60 m -4l: 80 m	60 m	-2l: 60 m -4l: 80 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP67	IP66	IP67	IP66	IP67	IP66
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	1 In, 1 Out Built-in microphone	-	1 In, 1 Out Built-in microphone	-	1 In, 1 Out Built-in microphone
Alarm I/O	-	1 In, 1 Out	-	1 In, 1 Out	-	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD202762-L(U)	DS-2CD204762-L(U)	DS-2CD232762-L(U)	DS-2CD234762-L(U)	DS-2CD2T2762-L	DS-2CD2T4762-L
<b>Image</b>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	2560 × 1440	1920 × 1080	2688 × 1520	1920 × 1080	2688 × 1520
<b>Video Compression</b>	H.265/H.265+/H.264+/H.264 / MJPEG					
<b>Min. Illumination</b>	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 @ [F1.0, AGC ON], 0 Lux with Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 @ [F1.0, AGC ON], 0 Lux with Light
<b>WDR</b>	120dB	120dB	120dB	120dB	120dB	120dB
<b>Lens</b>	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
<b>FOV</b>	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 106° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 63°	2.8 mm, horizontal FOV: 102°, vertical FOV: 51°, diagonal FOV: 125° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	2.8 mm, horizontal FOV: 112°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°
<b>Max. Light Range</b>	40 m	40 m	30 m	30 m	60 m	60 m
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
<b>Frame Rate</b>	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2560 × 1440], 30fps [2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67	IP67	IP67	IP67	IP67	IP67
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less (non-condensing)					
<b>Local Storage</b>	256 GB					
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	-U: Built-in microphone	-U: Built-in microphone	-U: Built-in microphone	-U: Built-in microphone	-	-
<b>Alarm I/O</b>	-	-	-	-	-	-
<b>Power</b>	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD202761-L	DS-2CD204761-L	DS-2CD232761-L(U)	DS-2CD234761-L(U)	DS-2CD2T2761-L	DS-2CD2T4761-L
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	1920 × 1080	2688 × 1520	1920 × 1080	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.0035 @ [F1.0, AGC ON], 0 Lux with LED on	0.0014 @ [F1.0, AGC ON], 0 Lux with LED on	0.0035 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0014 @ [F1.0, AGC ON], 0 Lux with Light	0.0035 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0014 @ [F1.0, AGC ON], 0 Lux with Light
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	4 mm, horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 65°	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 107.5° 6 mm, horizontal FOV: 54°, vertical FOV: 29°, diagonal FOV: 63°	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°
Max. Light Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 24fps [2560 × 1440], 30fps [2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	-L model: IP67 -LU model: IP66	-L model: IP67 -LU model: IP66	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-U: Built-in microphone	-U: Built-in microphone	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

### EasyIP 3.0 Series

Model	DS-2CD2025F(H)WD-I	DS-2CD2045FWD-I	DS-2CD2065G1-I	DS-2CD2085G1-I	DS-2CD2125G0-IMS	DS-2CD2185G0-IMS
<b>Image</b>						
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	3840 × 2160
<b>Video Compression</b>	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264 / MJPEG	H.265/H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]	0.014 Lux @ [F1.6, AGC ON]	0.014 Lux @ [F1.6, AGC ON]	Color: 0.009 lux @ [F1.6, AGC ON], 0 lux with IR	0.028 lux @ [F2.0, AGC ON], 0 lux with IR
<b>WDR</b>	120dB	120dB	120dB	120dB	120 dB WDR	120 dB WDR
<b>Lens</b>	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
<b>FOV</b>	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 53°, vertical FOV: 38°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal FOV: 108°, vertical FOV: 58°, diagonal FOV: 128° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 103° 6 mm, horizontal FOV: 52°, vertical FOV: 29°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
<b>Max. IR Range</b>	30 m	30 m	30 m	30 m	30 m	30 m
<b>VCA</b>	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection, Scene change detection	Line crossing detection, intrusion detection, Unattended baggage detection, Object removal detection, Face detection, Scene change detection
<b>Frame Rate</b>	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280×720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280×720] 50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720][H model] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720][H model]	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30 fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160], 25fps [3072 × 1728, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728, 1920 × 1080, 1280 × 720]
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67	IP67	IP67, IK10	IP67, IK10	IK10	IK10
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor
<b>Audio I/O</b>	-	-	-	-	1 In, 1 Out	1 In, 1 Out
<b>Alarm I/O</b>	-	-	-	-	1 In, 1 Out	1 In, 1 Out
<b>Power</b>	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera  
 Turbo HD PTZ Camera  
 DVRs Encoder  
**Network Camera**  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 K/T Thermal Monitor  
 Controller & Switch  
 Cable Transmission  
 Accessories Distance

Model	DS-2CD2125F(H)WD-I(S)	DS-2CD2145FWD-I(S)	DS-2CD2165G0-I	DS-2CD2185FWD-I(S)	DS-2CD2325F(H)WD-I	DS-2CD2345FWD-I
Image		 HOT		 HOT		 HOT
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]	0.016 Lux @ [F1.6, AGC ON]	Color: 0.028 lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 50°, vertical FOV: 38°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720)[H model] 60Hz: 60fps ([1920 × 1080, 1280 × 960, 1280 × 720][H model])	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)[H model] 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)[H model]	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	-	-
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2365G1-I	DS-2CD2385G1-I	DS-2CD2T25F(H)WD-I5/I8	DS-2CD2T45FWD-I5/I8	DS-2CD2T65G1-I5/I8	DS-2CD2T85G1-I5/I8
Image						
Image Sensor	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	0.016 Lux @ [F1.6, AGC ON]	0.016 Lux @ [F1.6, AGC ON]	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux (@[F1.6, AGC ON])	0.014 Lux @ [F1.6, AGC ON]	0.014 Lux @ [F1.6, AGC ON]
WDR	120 dB	120 dB	120dB	120dB	120 dB	120dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm, 8 mm, 12 mm	2.8 mm, 4 mm, 6 mm, 8 mm, 12 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52° 8 mm, horizontal field of view: 41° 12 mm, horizontal field of view: 25°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61° 8 mm, horizontal FOV: 41°, vertical FOV: 23°, diagonal FOV: 48° 12 mm, horizontal FOV: 25°, vertical FOV: 14°, diagonal FOV: 29°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50°
Max. IR Range	30 m	30 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection, scene change detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720), face detection, scene change detection	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) H model  50Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720) H model	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128 GB	128 GB	128GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera  
Turbo HD PTZ Camera  
DVRs Encoder  
Network Camera  
PTZ Dome Camera  
Panoramic Camera  
NVR  
KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-2CD2425FWD-I(W)	DS-2CD2455FWD-I(W)	DS-2CD2525FWD-I(W)(S)	DS-2CD2545FWD-I(W)(S)	DS-2CD2555FWD-I(W)(S)	DS-2CD2625F(H)WD-IZS
Image				 HOT		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2944 × 1656	1920 × 1080	2688 × 1520	2944 × 1656	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.028 lux @ [F2.0, AGC ON], 0 lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]	Color: 0.028 lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 to 12 mm
FOV	Horizontal field of view: 108°, Vertical field of view: 59°, Diagonal field of view: 129°	Horizontal field of view: 97°, Vertical field of view: 54°, Diagonal field of view: 113°	2.8 mm: Horizontal field of view: 108°, Vertical field of view: 59°, Diagonal field of view: 129° 4 mm: Horizontal field of view: 87°, Vertical field of view: 45°, Diagonal field of view: 102° 6 mm: Horizontal field of view: 53°, Vertical field of view: 29°, Diagonal field of view: 60°	2.8 mm: Horizontal field of view: 109°, Vertical field of view: 60°, Diagonal field of view: 131° 4 mm: Horizontal field of view: 88°, Vertical field of view: 46°, Diagonal field of view: 105° 6 mm: Horizontal field of view: 53°, Vertical field of view: 30°, Diagonal field of view: 61°	2.8 mm: Horizontal field of view: 97°, Vertical field of view: 54°, Diagonal field of view: 113° 4 mm: Horizontal field of view: 78°, Vertical field of view: 42°, Diagonal field of view: 92° 6 mm: Horizontal field of view: 60°, Vertical field of view: 33°, Diagonal field of view: 71°	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°
Max. IR Range	10 m	10 m	10 m	10 m	10 m	50 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720)[H model] 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)[H model]
Streams	3	3	3	3	3	3
Protection Level	-	-	IK08, IP66	IK08, IP67	IK08, IP66	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128G
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor
Audio I/O	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	2 In, 1 Out [-S]	2 In, 1 Out [-S]	2 In, 1 Out [-S]	1 In, 1 Out
Alarm I/O	-	-	1 In, 1 Out [-S]	1 In, 1 Out [-S]	1 In, 1 Out [-S]	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at)

Model	DS-2CD2645FWD-Izs	DS-2CD2665G0-Izs	DS-2CD2685G0-Izs	DS-2CD2725F(H)WD-Izs	DS-2CD2745FWD-Izs	DS-2CD2765G0-Izs	DS-2CD2785G0-Izs
Image							
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Resolution	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.011 lux @ [F1.4, AGC ON]	Color: 0.012 Lux @ [F1.4, AGC ON]	0.011 Lux @ [F1.4, AGC ON]	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.011 lux @ [F1.4, AGC ON]	0.011 Lux @ [F1.4, AGC ON]	0.011 Lux @ [F1.4, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 114° to 34° Vertical field of view: 71° to 23° Diagonal field of view: 154° to 41°	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 114° to 34° Vertical field of view: 71° to 23° Diagonal field of view: 154° to 41°	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°
Max. IR Range	50 m	50 m	50 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30 fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280×720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280×720] 50Hz: 50fps [1920 × 1080, 1280 × 960, 1280×720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280×720] [H model] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280×720] [H model]	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE [802.3at]	12 VDC ± 25%, PoE [802.3at]	12 VDC ± 25%, PoE [802.3at]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Turbo HD Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 K/T  
 Thermal  
 Monitor  
 Switch  
 Cable  
 Controller & Transmission  
 Accessories  
 DORI Distance

Model	DS-2CD2H25F(H)WD-I2S	DS-2CD2H45FWD-I2S	DS-2CD2H55FWD-I2S	DS-2CD2H85FWD-I2S	DS-2CD234560P-I	DS-2CD2T4560P-I
Image		HOT		HOT		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	2944 × 1656	3840 × 2160	2688 × 1520	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.011 lux @ [F1.4, AGC ON]	Color: 0.014 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.014 Lux @ [F1.4, AGC ON], 0 Lux with IR	0.028 Lux @ [F2.0, AGC ON]	0.028 Lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	1.68 mm	1.68 mm
FOV	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 88° to 27° Vertical field of view: 48° to 16° Diagonal field of view: 104° to 32°	Horizontal field of view: 115° to 35° Vertical field of view: 60° to 19° Diagonal field of view: 146° to 38.5°	horizontal FOV: 180° , vertical FOV: 101°, diagonal FOV: 180°	horizontal FOV: 180° , vertical FOV: 101°, diagonal FOV: 180°
Max. IR Range	30 m	30 m	30 m	30 m	10 m	10 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)[H model] 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)[H model]	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	-	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128G	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	-
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	-
Power	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2023G0-I	DS-2CD2043G0-I	DS-2CD2063G0-I	DS-2CD2083G0-I	DS-2CD2123G0-II(S)	DS-2CD2143G0-II(S)
<b>Image</b>		HOT				HOT
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
<b>Video Compression</b>	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
<b>Min. Illumination</b>	Color:0.028 Lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]
<b>WDR</b>	120dB	120dB	120dB	120dB	120dB	120dB
<b>Lens</b>	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
<b>FOV</b>	2.8 mm, horizontal FOV: 103°, vertical FOV: 59°, diagonal FOV: 118° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
<b>Max. IR Range</b>	30 m	30 m	30 m	30 m	30 m	30 m
<b>VCA</b>	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
<b>Frame Rate</b>	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	128GB	128GB	128GB	128GB	128GB	128GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	-	-	-	-	1 In, 1 Out	1 In, 1 Out
<b>Alarm I/O</b>	-	-	-	-	1 In, 1 Out	1 In, 1 Out
<b>Power</b>	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Turbo HD PTZ Camera Camera Turbo HD PTZ DVRs Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR K/T Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-2CD2163GO-I(S)	DS-2CD2183GO-I(S)	DS-2CD2123GO-IU	DS-2CD2143GO-IU	DS-2CD2163GO-IU	DS-2CD2183GO-IU
<b>Image</b>						
<b>Image Sensor</b>	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Resolution</b>	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
<b>Video Compression</b>	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
<b>Min. Illumination</b>	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color:0.018 Lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]
<b>WDR</b>	120dB	120dB	120dB	120dB	120dB	120dB
<b>Lens</b>	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
<b>FOV</b>	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm: horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm: horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
<b>Max. IR Range</b>	30 m	30 m	30 m	30 m	30 m	30 m
<b>VCA</b>	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
<b>Frame Rate</b>	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 15fps [3840×2160], 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 15fps [3840×2160], 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67, IK10	IP67, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 357°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 358°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 356°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 357°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 358°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	128GB	128GB	128GB	128GB	128GB	128GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	1 In, 1 Out	1 In, 1 Out	Built in microphone	Built in microphone	Built in microphone	Built in microphone
<b>Alarm I/O</b>	1 In, 1 Out	1 In, 1 Out	-	-	-	-
<b>Power</b>	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2323G0-I(U)	DS-2CD2343G0-I(U)	DS-2CD2363G0-I(U)	DS-2CD2383G0-I(U)	DS-2CD2T23G0-I5/I8	DS-2CD2T43G0-I5/I8
<b>Image</b>		HOT				HOT
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
<b>Video Compression</b>	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
<b>Min. Illumination</b>	Color:0.028 Lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 Lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]
<b>WDR</b>	120dB	120dB	120dB	120dB	120dB	120dB
<b>Lens</b>	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm
<b>FOV</b>	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62° 8 mm, horizontal FOV: 43°, vertical FOV: 23°, diagonal FOV: 50°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm, horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45°
<b>Max. IR Range</b>	30 m	30 m	30 m	30 m	-I5: 50m -I8: 80m	-I5: 50m -I8: 80m
<b>VCA</b>	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection
<b>Frame Rate</b>	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 15fps [3840×2160], 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
<b>Streams</b>	3	3	3	3	3	3
<b>Protection Level</b>	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	IP67	IP67
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]
<b>Local Storage</b>	128GB	128GB	128GB	128GB	128GB	128GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	-U: Built in microphone	-U: Built in microphone	-U: Built in microphone	-U: Built in microphone	-	-
<b>Alarm I/O</b>	-	-	-	-	-	-
<b>Power</b>	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 K/T  
 Thermal Monitor  
 Switch  
 Cable  
 Controller & Transmission  
 Accessories  
 DORI Distance

Model	DS-2CD2T8360-I5/I8	DS-2CD2T8360-I5/I8	DS-2CD2423G0-I(W)	DS-2CD2443G0-I(W)	DS-2CD2463G0-I(W)
Image					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.018 lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm	2.8 mm	2.8 mm	2.8 mm
FOV	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75° 8 mm, horizontal FOV: 39.5°, vertical FOV: 26°, diagonal FOV: 48°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59° 8 mm, horizontal FOV: 40°, vertical FOV: 25°, diagonal FOV: 53°	2.8 mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102°	2.8 mm: horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114° 4 mm, horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 93°	2.8 mm: horizontal FOV: 97°, vertical FOV: 67°, diagonal FOV: 121° 4 mm, horizontal FOV: 78°, vertical FOV: 53°, diagonal FOV: 98°
Max. IR Range	-I5: 50m -I8: 80m	-I5: 50m -I8: 80m	10 m	10 m	10 m
VCA	Line crossing detection, Intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 12.5fps (3840×2160), 20fps (3072×1728), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 15fps (3840×2160), 20fps (3072×1728), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3		3	3	3
Protection Level	IP67	IP67	-	-	-
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Indoor	Indoor	Indoor
Audio I/O	-	-	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2523G0-I(W)(S)	DS-2CD2543G0-I(W)(S)	DS-2CD2563G0-I(W)(S)	DS-2CD2623G1-I(Z)(S)	DS-2CD2643G1-I(Z)(S)	DS-2CD2663G1-I(Z)(S)	DS-2CD2683G1-I(Z)(S)
<b>Image</b>		HOT			HOT		
<b>Image Sensor</b>	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
<b>Video Compression</b>	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
<b>Min. Illumination</b>	Color: 0.028 lux @ [F2.0, AGC ON]	Color: 0.018 lux @ [F1.6, AGC ON]	Color: 0.028 lux @ [F2.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
<b>WDR</b>	120dB	120dB	120dB	120dB	120dB	120dB	120dB
<b>Lens</b>	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
<b>FOV</b>	2.8 mm: Horizontal field of view: 114°, Vertical field of view: 62°, Diagonal field of view: 135° 4 mm: Horizontal field of view: 86°, Vertical field of view: 46°, Diagonal field of view: 102° 6 mm: Horizontal field of view: 54°, Vertical field of view: 30°, Diagonal field of view: 62°	2.8 mm: Horizontal field of view: 98°, Vertical field of view: 55°, Diagonal field of view: 114° 4 mm: Horizontal field of view: 78°, Vertical field of view: 42°, Diagonal field of view: 93° 6 mm: Horizontal field of view: 48°, Vertical field of view: 27°, Diagonal field of view: 54°	2.8 mm: Horizontal field of view: 97°, Vertical field of view: 55°, Diagonal field of view: 114° 4 mm: Horizontal field of view: 78°, Vertical field of view: 42°, Diagonal field of view: 98° 6 mm: Horizontal field of view: 60°, Vertical field of view: 41°, Diagonal field of view: 76°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°	horizontal FOV: 88° to 27° vertical FOV: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°
<b>Max. IR Range</b>	10 m	10 m	10 m	50 m	50 m	50 m	50 m
<b>VCA</b>	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
<b>Frame Rate</b>	50Hz:25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 12.5 fps [3840 × 2160], 20fps [3072 × 1728], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 15 fps [3840 × 2160], 20fps [3072 × 1728], 30 fps [2560 × 1440, 1920 × 1080, 1280 × 720]
<b>Streams</b>	3	3	3	3	3	3	3
<b>Protection Level</b>	IP66	IP66	IP66	IP67	IP67	IP67	IP67
<b>Angle Adjustment</b>	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	128GB	128GB	128GB	128GB	128GB	128GB	128GB
<b>Indoor/Outdoor</b>	Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	2 In, 1 Out (-S)	2 In, 1 Out (-S)	2 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
<b>Alarm I/O</b>	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
<b>Power</b>	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3at, class 4]	12 VDC ± 25%, PoE [802.3at, class 4]	12 VDC ± 25%, PoE [802.3at, class 4]	12 VDC ± 25%, PoE [802.3at, class 4]

Turbo HD PTZ Camera  
Turbo HD Camera  
DVRs Encoder  
Network Camera  
PTZ Dome Camera  
Panoramic Camera  
NVR  
KIT  
Thermal  
Monitor  
Switch  
Cable  
Transmission  
Controller & Accessories  
DORI Distance

Model	DS-2CD2723G1-IZ(S)	DS-2CD2743G1-IZ(S)	DS-2CD2763G1-IZ(S)	DS-2CD2783G1-IZ(S)	DS-2CD2H23G1-IZ(S)	DS-2CD2H43G1-IZ(S)
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120 dB	120 dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°
Max. IR Range	30 m	30 m	30 m	30 m	30m	30m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

## EasyIP 1.0 Plus Series

Model	DS-2CD2H6361-I(S)	DS-2CD2H8361-I(S)
<b>Image</b>		
<b>Image Sensor</b>	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Resolution</b>	3072 × 2048	3840 × 2160
<b>Video Compression</b>	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
<b>Min. Illumination</b>	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
<b>WDR</b>	120 dB	120 dB
<b>Lens</b>	2.8 to 12 mm	2.8 to 12 mm
<b>FOV</b>	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°
<b>Max. IR Range</b>	30m	30m
<b>VCA</b>	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
<b>Frame Rate</b>	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
<b>Streams</b>	3	3
<b>Protection Level</b>	IP67, IK10	IP67, IK10
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	128GB	128GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor
<b>Audio I/O</b>	1 In, 1 Out (-S)	1 In, 1 Out (-S)
<b>Alarm I/O</b>	1 In, 1 Out (-S)	1 In, 1 Out (-S)
<b>Power</b>	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2021G1-I(W)	DS-2CD2121G0-I(S)	DS-2CD2121G0-IW(S)
<b>Image</b>			
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	1920 × 1080	1920 × 1080
<b>Video Compression</b>	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
<b>Min. Illumination</b>	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]
<b>WDR</b>	120dB	120dB	120dB
<b>Lens</b>	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
<b>FOV</b>	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 136° 4 mm, horizontal field of view: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal field of view: 54.5°, vertical FOV: 31.3°, diagonal FOV: 62.3°	2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°	2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°
<b>Max. IR Range</b>	30 m	30 m	30 m
<b>VCA</b>	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
<b>Streams</b>	2	2	2
<b>Protection Level</b>	IP67	IP67 and IK10	IP67 and IK10
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
<b>Operating Temperature</b>	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	128GB	128GB	128GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	-	1 in, 1 out (-S model)	1 in, 1 out (-S model)
<b>Alarm I/O</b>	-	1 in, 1 out (-S model)	1 in, 1 out (-S model)
<b>Power</b>	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3

Turbo HD Camera  
 Turbo HD PTZ Camera  
 DVRs Encoder  
**Network Camera**  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 K/T  
 Thermal Monitor  
 Switch  
 Cable  
 Controller & Transmission  
 Accessories  
 DORI Distance

Model	DS-2CD2321GO-I/NF	DS-2CD2T21GO-I(S)	DS-2CD2621GO-I(Z)(S)	DS-2CD2721GO-I(Z)(S)	DS-2CD2821GO	DS-2CD2421GO-I(W)
Image						 -NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color:0.028Lux @ [F2.0, AGC ON]	Color:0.028Lux @ [F2.0, AGC ON]	Color:0.028Lux @ [F2.0, AGC ON]	Color:0.028Lux @ [F2.0, AGC ON]	0.005 Lux @ [F1.2, AGC ON]	0.028 Lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	DWDR
Lens	2.8mm, 4mm, 6mm	4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	-	2 mm, 2.8 mm, 4 mm
FOV	2.8 mm: horizontal FOV: 103°, vertical FOV: 62°, diagonal FOV: 118° 4 mm: horizontal FOV: 90°, vertical FOV: 48°, diagonal FOV: 109° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°	4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°	Horizontal FOV: 99.6° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118.6° to 40.2°	Horizontal FOV: 99.6° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118.6° to 40.2°	-	2 mm: horizontal FOV: 132°, vertical FOV: 77°, diagonal FOV: 153° 2.8 mm: horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 126° 4 mm: horizontal FOV: 85°, vertical FOV: 45°, diagonal FOV: 101°
Max. IR Range	30 m	30 m	30 m	30 m	-	10 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, Intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	-
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	IP67	IP67	IP67	IP67,IK10	-	-
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	-	Pan: 0° to 360°, tilt: 0° to 100°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°	-	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [22 °F to +140 °F]	-30 °C to +60 °C [22 °F to +140 °F]	-10 °C to +50 °C [14 °F to +122 °F]	-10 °C to 40°C [14 °F to 104 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	128GB	128GB	128GB	128GB	256GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	indoor	indoor
Audio I/O	-	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 built-in mic, 1 built-in speaker
Alarm I/O	-	1 In, 1 Out	2 In, 2 Out	2 In, 2 Out	1 In, 1 Out	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12VDC/24VAC/PoE(802.3af)	12 VDC ± 25% PoE (802.3af, class 3)

# Network Cameras

## Value Series

### Superior Performance-to-Price Monitoring

#### 1-Series:

- High quality imaging with up to 5 MP resolution
- Easy to install, set up, and manage
- Multiple functions such as built-in mic, ColorVu lite, and more meet a variety of needs

#### Wi-Fi Series:

- Easy to install
- 2 antennas provide stable and high quality images
- ColorVu models support 24/7 colorful images, with human & vehicle classification
- AcuSense models also support human and vehicle classification



## 1 Series

Model	DS-2CD1021-I	DS-2CD102360E-I	DS-2CD102360-IU	DS-2CD102760-L	DS-2CD104360-I	DS-2CD105360-I	DS-2CD1121-I
Image							
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1920	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.264/MJPEG/H.264+
Min. Illumination	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.001 Lux @ [F1.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]
WDR	DWDR	DWDR	DWDR	DWDR	120dB	120dB	DWDR
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal field of view: 75°, vertical FOV: 55°, diagonal FOV: 98°	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102°
Optical Zoom	-	-	-	-	-	-	-
Max. IR Range	30 m	30 m	30 m	-	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67	IP67	IP66	IP67	IP67	IP67	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 122 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	-	-	-	-
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	1 Build-in Microphone	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD112360E-I	DS-2CD114360-I	DS-2CD115360-I	DS-2CD1321-I	DS-2CD1323G0E-I	DS-2CD1323G0-IU	DS-2CD1327G0-L
Image							
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1920	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.264/MJPEG/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.001 Lux @ [F1.0, AGC ON]
WDR	DWDR	120dB	120dB	DWDR	DWDR	DWDR	DWDR
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°
Optical Zoom	-	-	-	-	-	-	-
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m	-
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 30fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67,IK10	IP67,IK10	IP67,IK10	IP67	IP67	IP66	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 122 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 122 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	-	-	-	-
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	1 Build-in Microphone	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Turbo HD PTZ Camera  
 Turbo HD Camera  
 Camera  
 Camera  
 DVRS Encoder  
**Network Camera**  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 K/T  
 Thermal Monitor  
 Switch Monitor  
 Cable Transmission  
 Controller & Accessories  
 DORI Distance

Model	DS-2CD1343G0-I	DS-2CD1353G0-I	DS-2CD1T2360-I	DS-2CD1T4360-I	DS-2CD1623G0-I(Z)	DS-2CD1643G0-I(Z)	DS-2CD1653G0-II(Z)
Image	 HOT	 NEW	 NEW			 HOT	
Image Sensor	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	2560 × 1440	2560 × 1920	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	DWDR	120dB	DWDR	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	4mm, 6mm	4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°	4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 103° 6mm, horizontal FOV 54°, vertical FOV 31°, diagonal FOV 63°	4 mm, horizontal FOV 75°, vertical FOV 41°, diagonal FOV 88° 6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°	Horizontal field of view: 98° to 34° Vertical field of view: 51° to 19° Diagonal field of view: 115° to 40	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 18° Diagonal field of view: 115° to 32°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°
Optical Zoom	-	-	-	-	4x	4x	4x
Max. IR Range	30 m	30 m	50 m	50 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotation: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C [-22 °F to 122 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	-	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD172360-I(Z)	DS-2CD174360-I(Z)	DS-2CD175360-I(Z)	DS-2CD1H2360-IZ	DS-2CD1H4360-IZ	DS-2CD1H5360-IZ
<b>Image</b>		HOT				
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
<b>Resolution</b>	1920 × 1080	2560 × 1440	2560 × 1920	1920 × 1080	2560 × 1440	2560 × 1920
<b>Video Compression</b>	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
<b>Min. Illumination</b>	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]
<b>WDR</b>	DWDR	120dB	120dB	DWDR	120dB	120dB
<b>Lens</b>	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
<b>FOV</b>	Horizontal field of view: 98° to 34° Vertical field of view: 51° to 19° Diagonal field of view: 116° to 40	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 16° Diagonal field of view: 115° to 32°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°	Horizontal FOV 108.5° to 33.2°, vertical FOV 57.5° to 18.8°, diagonal FOV 130° to 38°	Horizontal FOV 92.8° to 29°, vertical FOV 50.2° to 16.4°, diagonal FOV 109° to 32.3°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°
<b>Optical Zoom</b>	4x	4x	4x	4x	4x	4x
<b>Max. IR Range</b>	30 m	30 m	30 m	30 m	30 m	30 m
<b>VCA</b>	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
<b>Frame Rate</b>	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 30fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 30fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
<b>Streams</b>	2	2	2	2	2	2
<b>Protection Level</b>	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67	IP67
<b>Angle Adjustment</b>	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Operating Temperature</b>	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
<b>Humidity</b>	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
<b>Local Storage</b>	128GB	128GB	128GB	128GB	128GB	128GB
<b>Indoor/Outdoor</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Audio I/O</b>	-	-	-	-	-	-
<b>Power</b>	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
<b>Interface</b>	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Turbo HD Camera  
 Turbo HD PTZ Camera  
 DVRs Encoder  
**Network Camera**  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 K/T  
 Thermal Monitor  
 Switch  
 Cable Transmission  
 Controller & Accessories  
 DORI Distance

Model	DS-2CV2Q21FD-IW	DS-2CV2U21FD-IW	DS-2CV2U32G1-IDW	DS-2CV1021G0-IDW1	DS-2CV2021G2-IDW	DS-2CV2041G2-IDW
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2304 × 1296	1920 × 1080	1920 × 1080	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F2.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	Digital WDR	Digital WDR	120dB WDR	DWDR	DWDR	120dB WDR
Lens	2.0/2.8 mm	2.0/2.8 mm	1.68 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm
FOV	2.0 mm, Horizontal FOV: 130°, Vertical FOV: 76°, Diagonal FOV: 147° 2.8 mm, Horizontal FOV: 112°, Vertical FOV: 60°, Diagonal FOV: 132°	2.0 mm, Horizontal FOV: 130°, Vertical FOV: 76°, Diagonal FOV: 147° 2.8 mm, Horizontal FOV: 112°, Vertical FOV: 60°, Diagonal FOV: 132°	Horizontal field of view: 180°, Vertical field of view: 85°	2.8 mm, horizontal FOV: 114.5°, vertical FOV: 62°, diagonal FOV: 135.5° 4 mm, horizontal FOV: 86°, vertical FOV: 46.5°, diagonal FOV: 102.5°	2.8 mm, horizontal FOV: 112°, vertical FOV: 59°, diagonal FOV: 134°, 4 mm, horizontal FOV: 91°, vertical FOV: 48°, diagonal FOV: 109°	2.8 mm: horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm: horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°
Optical Zoom	-	-	-	-	-	-
Max. IR Range	10 m	10 m	10 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion detection, video tampering	Motion detection	Motion detection	Motion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 20fps (2304 × 1296), 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (2304 × 1296), 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	-	-	-	IP 66	IP 66	IP 66
Angle Adjustment	Pan: 0° to 355°; Tilt: -10° to 85°	-	Pan: 0° to 360°, tilt: -75° to 65°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-10 °C to 40°C (14 °F to 104 °F)	-10 °C to 40°C (14 °F to 104 °F)	-10 °C to 40°C (14 °F to 104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor	Indoor/Outdoor	Indoor/Outdoor
Audio I/O	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 Built-in mic	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker
Alarm I/O	-	-	-	-	-	-
Power	5 VDC ± 10 %	5 VDC ± 10 %	5 VDC ± 10 %	12 VDC ± 25 %	12 VDC ± 25 %	12 VDC ± 25 %
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	-	-	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port

Model	DS-2CV2026G0-IDW	DS-2CV2046G0-IDW	DS-2CV207G0-LDW	DS-2CV2121G2-IDW	DS-2CV2141G2-IDW	DS-2CV2126G0-IDW	DS-2CV2146G0-IDW
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.001 Lux @ [F1.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	120dB WDR	120dB WDR	DWDR	DWDR	120dB WDR	120dB WDR	120dB WDR
Lens	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm
FOV	2.8 mm, horizontal FOV: 101°, vertical FOV: 54°, diagonal FOV: 119°; 4 mm, horizontal FOV: 82°, vertical FOV: 44°, diagonal FOV: 97°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°	2.8 mm, horizontal FOV: 106.7°, vertical FOV: 55.5°, diagonal FOV: 126.5°; 4 mm, horizontal FOV: 83.6°, vertical FOV: 44.6°, diagonal FOV: 99.1°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 127°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 104°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 93°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 127°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 104°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°
Optical Zoom	-	-	-	-	-	-	-
Max. IR Range	30 m	30 m	-	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Motion detection	Motion detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	IP 66
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Audio I/O	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port

Turbo HD Camera  
 Turbo HD PTZ Camera  
 DVRs Encoder  
**Network Camera**  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 K/T  
 Thermal Monitor  
 Cable Switch  
 Controller & Transmission  
 Accessories  
 DORI Distance

# PTZ Dome Cameras

**117** Pro Series (EasyIP)

**124** Value Series

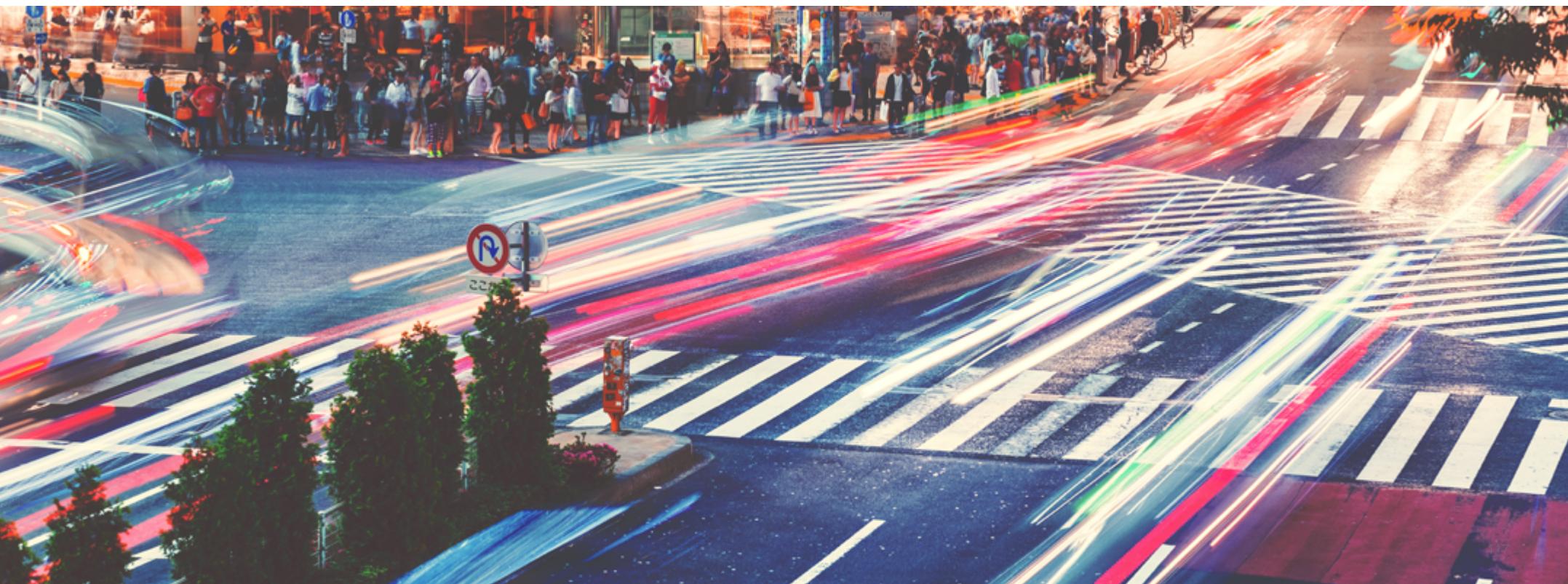


# Network PTZ Dome Cameras

## Pro Series (EasyIP)

Almost all of the Pro Series PTZ Cameras are equipped with "powered-by-DarkFighter" technology, making low-light monitoring an easy task. With abundant options for various camera sizes and amazing zoom capability, Pro Series cameras provide the ideal solution for hundreds of scenarios.

- Multiple designs for indoor or outdoor scenarios (5-, 4-, and 3-inch)
- Almost all products support Powered by DarkFighter.
- Min. illumination: Color: 0.005 Lux @ (F1.6, AGC ON) B/W: 0.001 Lux @ (F1.6, AGC ON) IR: 0 Lux
- H.265+ / H.265 codec
- Up to 2592×1944 (5 MP) resolution
- More zoom ratio options – 32x / 25x / 15x / 4x - Auto-tracking technology (supported by specific products)
- Various VCA rules: face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection
- Supports ONVIF and CGI
- Supports Hikvision SDK and Third-Party Management Platform
- 4", 5" IR models (S5) support false alarm reduction and human / vehicle classification



Model	DS-2DE5225W-AE	DS-2DE5232W-AE	DS-2DE5425W-AE	DS-2DE5225IW-AE	DS-2DE5232IW-AE
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560 × 1440	1920×1080	1920×1080
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 120 mm, 25x optical	4.8 mm to 153 mm, 32x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 153 mm, 32x optical
Angle of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Max. IR Range	-	-	-	150 m	150 m
VCA	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1	2/1
Power	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)

Model	DS-2DE5425IW-AE	DS-2DE5432IW-AE
<b>Image</b>		
<b>Image Sensor</b>	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Resolution</b>	2560 × 1440	2560 × 1440
<b>Video Compression</b>	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
<b>Lens</b>	4.8 mm to 120 mm, 25x optical zoom	4.8 mm to 153 mm, 32x optical zoom
<b>Angle of View</b>	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)	Horizontal field of view: 61.3° to 2.18° (Wide-Tele) Vertical field of view: 36.9° to 1.22° (Wide-Tele) Diagonal field of view: 68.4° to 2.5° (Wide-Tele)
<b>Min. Illumination</b>	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
<b>WDR</b>	120dB	120dB
<b>Max. IR Range</b>	150 m	150 m
<b>VCA</b>	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
<b>Frame Rate</b>	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
<b>Streams</b>	3	3
<b>Protection Level</b>	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
<b>Pan Range</b>	360° endless	360° endless
<b>Tilt Range</b>	From -15° to 90° (auto-flip)	From -15° to 90° (auto-flip)
<b>Pan Speed</b>	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s
<b>Tilt Speed</b>	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s
<b>Operating Temperature</b>	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
<b>Humidity</b>	≤ 90%	≤ 90%
<b>Local Storage</b>	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
<b>Audio I/O</b>	1/1	1/1
<b>Alarm I/O</b>	2/1	2/1
<b>Power</b>	24 VAC & Hi-PoE Max.: 30 W [Max. 10 W for IR]	24 VAC & Hi-PoE Max.: 30 W [Max. 10 W for IR]

Model	DS-2DE4A204IW-DE (2.8-12mm)	DS-2DE4A204IW-DE (8-32mm)
<b>Image</b>		
<b>Image Sensor</b>	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
<b>Resolution</b>	1920×1080	1920×1080
<b>Video Compression</b>	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
<b>Lens</b>	2.8 mm to 12 mm, 4x Optical	8 mm to 32 mm, 4x Optical
<b>Angle of View</b>	Horizontal field of view: 83° to 31° (wide-tele) Vertical field of view: 45° to 18° (wide-tele) Diagonal field of view: 98° to 36° (wide-tele)	Horizontal field of view: 42° to 13° (wide-tele) Vertical field of view: 25° to 8° (wide-tele) Diagonal field of view: 51° to 15° (wide-tele)
<b>Min. Illumination</b>	Color: 0.002 Lux @ [F1.6, AGC ON]	Color: 0.002 Lux @ [F1.6, AGC ON]
<b>WDR</b>	120dB	120dB
<b>Max. IR Range</b>	50 m	50 m
<b>VCA</b>	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection, Region Entrance Detection, Region Exiting Detection, Face Detection
<b>Frame Rate</b>	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
<b>Streams</b>	3	3
<b>Protection Level</b>	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
<b>Pan Range</b>	360° endless	360° endless
<b>Tilt Range</b>	From -5° to 90°	From -5° to 90°
<b>Pan Speed</b>	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s
<b>Tilt Speed</b>	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s
<b>Operating Temperature</b>	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
<b>Humidity</b>	≤ 90%	≤ 90%
<b>Local Storage</b>	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/CIFS), ANR
<b>Audio I/O</b>	1/1	1/1
<b>Alarm I/O</b>	2/2	2/2
<b>Power</b>	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5 W for IR]

Turbo HD Camera  
Turbo HD PTZ Camera  
DVRs Encoder Network Camera  
Panoramic Camera  
NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-2DE4A215IW-DE	DS-2DE4A225IW-DE	DS-2DE4A404IW-DE (2.8-12mm)	DS-2DE4A404IW-DE (8-32mm)
Image		HOT	DarkFighter	DarkFighter
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560×1440	2560×1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	5 mm to 75 mm, 15x optical	4.8 mm to 120 mm, 25x optical	2.8 mm to 12 mm, 4x optical zoom	8 mm to 32 mm, 4x optical zoom
Angle of View	Horizontal field of view: 53.8° to 4.0° [wide-tele] Vertical field of view: 31.9° to 2.3° [wide-tele] Diagonal field of view: 60.4° to 4.6°[wide-tele]	Horizontal field of view: 57.6° to 2.5° [Wide-Tele] Vertical field of view: 34.4° to 1.4° [Wide-Tele] Diagonal field of view: 64.5° to 2.9° [Wide-Tele]	Horizontal field of view: 69.5° to 26.48° [Wide-Tele] Vertical field of view: 38° to 14.94° [Wide-Tele] Diagonal field of view: 81.2° to 20.38° [Wide-Tele]	Horizontal field of view: 36° to 11.56° [Wide-Tele] Vertical field of view: 20° to 6.6° [Wide-Tele] Diagonal field of view: 41.4° to 13.18° [Wide-Tele]
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.002 Lux @ [F1.6, AGC ON]	Color: 0.002 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	DWDR	DWDR
Max. IR Range	50 m	50 m	50 m	50 m
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3	3	3
Protection Level	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90°[Auto-flip]	From -5° to 90°[Auto-flip]	From -5° to 90°[Auto-flip]	From -5° to 90°
Pan Speed	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s. Preset speed: 350°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s. Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	-	2/2	2/2	2/2
Power	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5.5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5.5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5.5 W for IR]

Model	DS-2DE4A425IW-DE	DS-2DE4215IW-DE	DS-2DE4225IW-DE	DS-2DE4415IW-DE	DS-2DE4425IW-DE
Image					
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2560×1440	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 120 mm, 25x optical zoom	5 mm to 75 mm, 15x optical zoom	4.8 mm to 120 mm, 25x optical zoom	5 mm to 75 mm, 15x optical zoom	4.8 mm to 120 mm, 25x optical zoom
Angle of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Max. IR Range	50 m	100 m	100 m	100 m	100 m
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Operating Temperature	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR
Audio I/O	1/1	-	1/1	-	1/1
Alarm I/O	2/2	-	-	-	-
Power	12 VDC & PoE [802.3at] Max.: 18 W [Max. 5 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]

Turbo HD PTZ Camera | Turbo HD DVRs | Encoder | Network Camera | PTZ Dome Camera | Panoramic Camera | NVR | KIT | Thermal | Monitor | Switch | Cable | Controller & Transmission | Accessories | DORI | Distance

Model	DS-2DE4215W-DE(3)	DS-2DE4225W-DE(3)	DS-2DE4415W-DE3	DS-2DE4425W-DE
Image				
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom
Angle of View	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB
Max. IR Range	-	-	-	-
VCA	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3	3	3
Protection Level	4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard (only for outdoor models), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s, Preset speed: 160°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s
Operating Temperature	Indoor Models: -10°C to 50°C [-14°F to 122°F] Outdoor Models: -30°C to 65°C [-22°F to 149°F]	Indoor Models: -10°C to 50°C [-14°F to 122°F] Outdoor Models: -30°C to 65°C [-22°F to 149°F]	-10°C to 50°C [-14°F to 122°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	-	1/1	-	1/1
Alarm I/O	-	1/1	-	1/1
Power	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W

Model	DS-2DE3A404IW-DE	DS-2DE3A404IW-DE/W	DS-2DE3204W-DE	DS-2DE3304W-DE
Image	 <span style="color: orange;">HOT</span> <span style="color: red;">NEW</span>	 <span style="color: orange;">HOT</span> <span style="color: red;">NEW</span>		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	2560 × 1440	2560 × 1440	1920 × 1080	2048 × 1536
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Lens	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom
Angle of View	Horizontal field of view: 96.7° to 31.6° (wide-tele) Vertical field of view: 51.1° to 17.7° (wide-tele) Diagonal field of view: 115.1° to 36.3° (wide-tele)	Horizontal field of view: 96.7° to 31.6° (wide-tele) Vertical field of view: 51.1° to 17.7° (wide-tele) Diagonal field of view: 115.1° to 36.3° (wide-tele)	Horizontal field of view: 100.5° to 32.6° (wide-tele) Vertical field of view: 52.8° to 18.3° (wide-tele) Diagonal field of view: 120.2° to 37.5° (wide-tele)	Horizontal field of view: 102° to 33° (wide-tele) Vertical field of view: 74° to 24° (wide-tele) Diagonal field of view: 135° to 41° (wide-tele)
Min. Illumination	Color: 0.005 Lux @ [F1.5, AGC ON]	Color: 0.005 Lux @ [F1.5, AGC ON]	Color: 0.05 Lux @ [F1.5, AGC ON]	Color: 0.05 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	DWDR	DWDR
Max. IR Range	50 m	50 m	-	-
VCA	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection	Intrusion detection, line crossing detection, audio exception detection, motion detection
Frame Rate	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720], 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720], 30fps [1280 × 960, 1280 × 720]	50Hz: 25fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720], 50fps [1280 × 960, 1280 × 720]; 60Hz: 30fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720], 60fps [1280 × 960, 1280 × 720]
Streams	3	3	3	3
Protection Level	IP66 standard, 6000V lightning protection, surge protection and voltage transient protection	IP66 standard, 6000V lightning protection, surge protection and voltage transient protection	IP66, IK10, 4000V Lightning Protection, Surge Protection, Voltage Transient Protection	IP67, IK10, 4,000V lightning protection, surge protection and voltage transient protection
Pan Range	0° to 350°	0° to 350°	0° to 350°	0° to 350°
Tilt Range	0° to 90°	0° to 90°	0° to 90°	0° to 90°
Pan Speed	0.1°/s to 60°/s	0.1°/s to 60°/s	0.1°/s to 60°/s	0.1°/s to 60°/s
Tilt Speed	0.1°/s to 50°/s	0.1°/s to 50°/s	0.1°/s to 50°/s	0.1°/s to 50°/s
Operating Temperature	-30°C to 60°C (-22°F to 140°F)	-30°C to 60°C (-22°F to 140°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	1/1	1/1	1/1	1/1
Power	12 VDC & PoE (802.3at) Max.: 15 W [Max. 2.4 W for IR]	12 VDC & PoE (802.3at) Max.: 19 W [Max. 2.4 W for IR]	12 VDC & PoE (802.3af) Max.: 8 W	12 VDC & PoE (802.3af) Max.: 8 W

Turbo HD PTZ Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

# Network PTZ Dome Cameras

## Value Series

### Easier Way to Better Security

This series features compact designs and high quality imaging to realize cost-efficiency and good user experience.

- Up to 2560 × 1440 resolution
- Supports IR function, 4x optical zoom
- H.265+ / H.265 codec
- Wi-Fi (Optional)
- 12 VDC & PoE
- Supports ONVIF, ISAPI, and CGI
- Supports Hikvision SDK and Third-Party Management Platform



Model	DS-2DE2A204IW-DE3	DS-2DE2A404IW-DE3	DS-2DE2A404IW-DE3/W	DS-2DE2204IW-DE3/W
Image		HOT	NEW	
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1440	1920×1080
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	2.8 to 12 mm, 4x optical zoom	2.8 to 12 mm, 4x optical zoom	2.8 to 12 mm, 4x optical zoom	2.8 to 12 mm, 4x optical
Angle of View	Horizontal field of view: 100.5° to 32.6° (Wide-Tele) Vertical field of view: 52.8° to 18.3° (Wide-Tele) Diagonal field of view: 120.2° to 37.5° (Wide-Tele)	Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele) Diagonal field of view: 115.1° to 36.3° (Wide-Tele)	Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele) Diagonal field of view: 115.1° to 36.3° (Wide-Tele)	Horizontal field of view: 100° to 25° (wide-tele) Vertical field of view: 56.3° to 14.1° (wide-tele) Diagonal field of view: 114.7° to 28.7° (wide-tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.05 Lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	DWDR
Max. IR Range (meters)	20 m	20 m	20 m	20 m
VCA	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	0° to 355°	0° to 355°	0° to 355°	0° to 350°
Tilt Range	0° to 90°	0° to 90°	0° to 90°	From 0° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 60°/s Preset Speed: 60°/s
Tilt Speed	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s Preset Speed: 50°/s
Operating Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-10°C to 50°C (-14°F to 122°F)
Humidity	90% or less	90% or less	90% or less	90% or less
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	-	-	-	1/1
Power	12 VDC & PoE (802.3af) Max.: 11.2 W (Max. 4.2 W for IR)	12 VDC & PoE (802.3af) Max.: 11.2 W (Max. 4.2 W for IR)	12 VDC & PoE (802.3af) Max.: 12.2 W (Max. 4.2 W for IR)	12 VDC and PoE (802.3af) Max.: 9 W (Max. 3 W for IR)

Turbo HD PTZ Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

# Panoramic Cameras

**127** PanoVu Series

**128** Fisheye Series



### PanoVu Mini

# Network Panoramic Cameras

## PanoVu Series

### From Expansive Scenes to Detailed Close-Ups

- 360° / 180° Monitoring
- H.265+ codec
- Multiple display modes
- Lower labor costs
- Save costs on IP address



Model	DS-2PT3326IZ-DE3	DS-2PT3122IZ-DE3	DS-2PT3306IZ-DE3	DS-2PT5326IZ-DE
<b>Image</b>	 <b>PanoVu</b>	 <b>PanoVu</b>	 <b>PanoVu</b>	 <b>PanoVu</b>
<b>Image Sensor</b>	Fixed: 3×1/2.8" Progressive Scan CMOS PTZ: 1/2.8" Progressive Scan CMOS	Fixed: 1×1/2.8" Progressive Scan CMOS PTZ: 1/2.8" Progressive Scan CMOS	3×1/2.8" Progressive Scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS
<b>Resolution</b>	1920×1080	1920×1080	1920×1080	1920 × 1080
<b>Video Compression</b>	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265 / H.264 / MJPEG
<b>Min. Illumination</b>	Color: 0.05 Lux @ [F2.0, AGC ON]	Color: 0.05 Lux @ [F2.0, AGC ON]	Color: 0.05 Lux @ [F2.0, AGC ON]	Color: 0.005 lux @ [F1.6, AGC ON]
<b>WDR</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Lens</b>	Fixed: 2 mm PTZ: 2.8 - 12 mm	Fixed: 2 mm PTZ: 2.8 - 12 mm	2 mm	Fixed: 4 mm PTZ: 4.7-47 mm
<b>FOV</b>	Fixed: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144°	Panoramic cam: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144°	PTZ cam: Horizontal field of view: 120° to 56.6° [wide-tele] Vertical field of view: 61.8° to 31.7° [wide-tele] Diagonal field of view: 149° to 65° [wide-tele]	Horizontal field of view: 128.5° × 3 Vertical field of view: 75.7°
<b>Optical Zoom</b>	PTZ: 4X	PTZ: 4x	-	PTZ: 10x
<b>Max. IR Range</b>	10 m	10 m	10 m	Panoramic cam: 30 m PTZ cam: 50 m
<b>VCA</b>	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection
<b>Frame Rate</b>	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
<b>Streams</b>	2	2	2	2
<b>Protection Level</b>	-	-	-	IP66
<b>Operating Temperature</b>	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-30°C to 65°C (-22°F to 149°F), with heater on
<b>Humidity</b>	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)
<b>Local Storage</b>	Built-in memory card slot, support Micro SD /SDHC /SDXC, up to 256 GB	Built-in memory card slot, support Micro SD /SDHC /SDXC, up to 256 GB	Built-in memory card slot, support Micro SD /SDHC /SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
<b>Indoor/Outdoor</b>	Indoor	Indoor	Indoor	Outdoor
<b>Audio I/O</b>	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.
<b>Alarm I/O</b>	-	-	-	1-ch alarm input and 1-ch alarm output
<b>Power</b>	12 VDC & PoE (802.3at) Max.: 24 W [Max. 6 W for IR]	12 VDC & PoE (802.3at) Max.: 19 W [Max. 2 W for IR]	12 VDC & PoE+ (802.3 at, class 4) Max.20 W [Max. 6 W for IR]	12 VDC & Hi-PoE Max.: 27 W [Max. 9 W for IR]

# Network Panoramic Cameras

## Fisheye Series

### Single Sensor Panorama Camera

Hikvision's Fisheye Camera offers a complete, high-resolution, 360-degree, 0-blind spots, panoramic view. It secures your office, warehouse, shop, hotel lobby, and more with HD monitoring without any blind areas. The resulting image is automatically dewarped for intuitive and easy use.

- 360° / 180° overview
- H.265+ codec
- Multiple dewarping modes



Model	DS-2CD2935FWD-I(S)	DS-2CD2955FWD-I(S)
<b>Image</b>		
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
<b>Resolution</b>	2048 × 1536	2560 × 1920
<b>Video Compression</b>	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
<b>Min. Illumination</b>	Color: 0.017Lux @ [F2.2, AGC ON], 0 Lux with IR on	Color: 0.034Lux @ [F2.2, AGC ON], 0 Lux with IR on
<b>WDR</b>	120dB	120dB
<b>Lens</b>	1.16 mm	1.05 mm
<b>FOV</b>	horizontal field of view: 180°, vertical field of view: 180°	horizontal field of view: 180°, vertical field of view: 180°
<b>Max. IR Range</b>	8 m	8 m
<b>VCA</b>	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
<b>Frame Rate</b>	50Hz:25fps [2048 × 1536, 1600 × 1200, 1280 × 960] 60Hz:30fps [2048 × 1536, 1600 × 1200, 1280 × 960]	50Hz: 25fps [2560 × 1920, 2048 × 1536, 1280 × 960] 60Hz: 30fps [2560 × 1920, 2048 × 1536, 1280 × 960]
<b>Streams</b>	2	2
<b>Protection Level</b>	-	-
<b>Operating Temperature</b>	-10 °C to +50 °C (-14 °F to +122 °F)	-10 °C to +50 °C (-14 °F to +122 °F)
<b>Humidity</b>	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB
<b>Indoor/Outdoor</b>	Indoor	Indoor
<b>Audio I/O</b>	-S: 1 in, 1 out	-S: 1 in, 1 out
<b>Alarm I/O</b>	-S: 1 in, 1 out	-S: 1 in, 1 out
<b>Power</b>	12 VDC, 0.4 A, max.5 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max.6.5 W	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7.5 W

# NVR

**130** Pro Series NVRs

**138** Value Series NVRs



# Network Video Recorders

## Pro Series NVRs

Hikvision Pro Series NVRs feature optimized H.265+ and H.264+ compression codecs, enabling highly effective bandwidth and storage management. With plug-and-play functionality, accessing IP cameras and other smart functions has never been easier. The Pro Series is the ideal solution for small to medium size businesses.

- Four channels for human and vehicle classification on VCA results
- All channels for human and vehicle classification on motion detection results
- One face recognition channel for AcuSense NVRs
- Quick target search for AcuSense NVR and I / K / Q Series NVRs
- Up to 16 channels @ 1080p decoding for I-Series, 8 channels @ 1080p decoding for K-Series, and 4 channels @ 1080p decoding for Q-Series
- GUI 4.0 and E-UI , intuitive interface and easy to use
- Supports automatic addition of inactive cameras
- Up to 300 m PoE distance for I-Series and K-Series NVRs
- IUSP protocol accessible



## EasyIP 4.0 Series

Model	DS-7732NXI-I4/16P/4S	DS-7732NXI-I4/4S	DS-7716NXI-I4/16P/4S	DS-7716NXI-I4/4S	DS-7616NXI-I2/16P/4S	DS-7616NXI-I2/4S	DS-7608NXI-I2/8P/4S	DS-7608NXI-I2/4S
<b>Image</b>								
<b>Channel No.</b>	32-ch	32-ch	16-ch	16-ch	16-ch	16-ch	8-ch	8-ch
<b>Decoding Format</b>	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
<b>Incoming/Outgoing Bandwidth</b>	256 Mbps/200 Mbps	256 Mbps/200 Mbps	256 Mbps/200 Mbps	256 Mbps/200 Mbps	160 Mbps/256 Mbps	160 Mbps/256 Mbps	80 Mbps/256 Mbps	80 Mbps/256 Mbps
<b>Decoding Capacity</b>	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p
<b>Recording Resolution</b>	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
<b>Display</b>	2HDMI/1VGA/1CVBS	2HDMI/1VGA/1CVBS	2HDMI/1VGA/1CVBS	2HDMI/1VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS
<b>LCD</b>	-	-	-	-	-	-	-	-
<b>Storage Capacity</b>	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD
<b>eSATA/Mini SAS</b>	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	-	-	-	-
<b>RAID Type</b>	-	-	-	-	-	-	-	-
<b>Video Output</b>	HDMI/VGA(main port): 4K (3840×2160)/60Hz, 4K(3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K (3840×2160)/60Hz, 4K(3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K (3840×2160)/60Hz, 4K(3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	
<b>Audio Output</b>	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)
<b>Alarm I/O</b>	16/4	16/4	16/4	16/4	4/1	4/1	4/1	4/1
<b>Network Interface</b>	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces			
<b>PoE Port</b>	with /16P model	-	with /16P model	-	with /16P model	-	with /8P model	-
<b>USB Port</b>	2 × USB 2.0 and 1 × USB 3.0	2 × USB 2.0 and 1 × USB 3.0	2 × USB 2.0 and 1 × USB 3.0	2 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0
<b>Smart Function</b>	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras
<b>Power Consumption (without HDD)</b>	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W

Turbo HD PTZ Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera KIT Thermal Monitor Switch Cable Controller & Transmission DORI Distance

Model	DS-7732NXI-I4/16P/S	DS-7732NXI-I4/S	DS-7716NXI-I4/16P/S	DS-7716NXI-I4/S	DS-7616NXI-I2/16P/S	DS-7616NXI-I2/S	DS-7608NXI-I2/8P/S	DS-7608NXI-I2/S
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Channel No.	32-ch	32-ch	16-ch	16-ch	16-ch	16-ch	8-ch	8-ch
Decoding Format	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4
Incoming/Outgoing Bandwidth	256/256Mbps	256/256Mbps	256/256Mbps	256/256Mbps	160/256Mbps	160/256Mbps	80/256Mbps	80/256Mbps
Decoding Capacity	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF
Display LCD	2 HDMI/1 VGA/1CVBS -	2 HDMI/1 VGA/1CVBS	2 HDMI/1 VGA/1CVBS	2 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS
Storage Capacity	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD
eSATA/Mini SAS	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	-	-	-	-
RAID Type	-	-	-	-	N/A	N/A	N/A	N/A
Video Output	HDMI/VGA(main port): 4K [3840×2160]/60Hz, 4K [3840×2160]/30Hz, 2K [2560×1440]/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K [3840×2160]/60Hz, 4K [3840×2160]/30Hz, 2K [2560×1440]/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K [3840×2160]/60Hz, 4K [3840×2160]/30Hz, 2K [2560×1440]/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K				
Audio Output	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]
Alarm I/O	16/4	16/4	16/4	16/4	4/1	4/1	4/1	4/1
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces			
PoE Port	with /16P model	-	with /16P model	-	with /8P model	-	with /16P model	-
USB Port	2× USB 2.0 and 1 × USB 3.0	2× USB 2.0 and 1 × USB 3.0	2× USB 2.0 and 1 × USB 3.0	2× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0
Smart Function	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity
Power Consumption (without HDD)	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W

### EasylP 3.0 Series

Model	DS-7732NI-I4/24P	DS-7732NI-I4/16P(B)	DS-7732NI-I4(B)	DS-7716NI-I4/16P(B)	DS-7716NI-I4(B)
<b>Image</b>					
<b>Channel No.</b>	32-ch	32-ch	32-ch	16-ch	16-ch
<b>Decoding Format</b>	H.265+/H.265/H.264+/H.264/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
<b>Incoming/Outgoing Bandwidth</b>	320Mbps/ 256Mbps	256Mbps/ 256Mbps	256Mbps/ 256Mbps	160Mbps/ 256Mbps	160Mbps/ 256Mbps
<b>Decoding Capacity</b>	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]
<b>Recording Resolution</b>	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF
<b>Display</b>	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS
<b>LCD</b>	-	-	-	-	-
<b>Storage Capacity</b>	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD
<b>eSATA/Mini SAS</b>	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
<b>RAID Type</b>	-	-	-	-	-
<b>Video Output</b>	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA1: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Audio Output</b>	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
<b>Alarm I/O</b>	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)
<b>Network Interface</b>	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
<b>PoE Port</b>	24P	16P	-	16P	-
<b>USB Port</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
<b>Smart Function</b>	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
<b>Power Consumption (without HDD)</b>	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W

Turbo HD PTZ Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-7732NI-K4/16P	DS-7732NI-K4	DS-7716NI-K4/16P	DS-7716NI-K4	DS-7716NI-Q4/16P
Image					
Channel No.	32-ch	32-ch	16-ch	16-ch	16-ch
Decoding Format	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4
Incoming/Outgoing Bandwidth	256Mbps/ 160Mbps	256Mbps/ 160Mbps	160Mbps/ 160Mbps	160Mbps/ 160Mbps	160Mbps/ 80Mbps
Decoding Capacity	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	1-ch @ 8 MP [30 fps] / 4-ch @ 1080p [30 fps]
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
LCD	-	-	-	-	-
Storage Capacity	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interface Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-
RAID Type	-	-	-	-	-
Video Output	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Alarm I/O	16/4	16/4	16/4	16/4	16/4 (16/8 optional)
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces
PoE Port	16P	-	16P	-	16P
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 2.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤ 20 W(without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤ 15 W(without enabling PoE)

Model	DS-7716NI-Q4	DS-7616NI-I2/16P	DS-7616NI-I2	DS-7608NI-I2/8P	DS-7608NI-I2	DS-7616NI-K2/16P
Image		HOT	HOT			
Channel No.	16-ch	16-ch	16-ch	8-ch	8-ch	16-ch
Decoding Format	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	160Mbps/ 80Mbps	160 Mbps/256 Mbps	160 Mbps/256 Mbps	80 Mps/256 Mbps	80 Mps/256 Mbps	160Mbps/ 160Mbps
Decoding Capacity	1-ch @ 8 MP [30fps] / 4-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	"8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF"
Display	1 HDMI/1 VGA	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA
LCD	-	-	-	-	-	-
Storage Capacity	4 SATA interface Up to 6TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-
RAID Type	-	-	-	-	-	-
Video Output	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Alarm I/O	16/4 (16/8 optional)	4/1	4/1	4/1	4/1	4/1
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	16P	-	8P	-	16P
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤ 15 W	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]

Turbo HD PTZ Camera | Turbo HD Camera | Encoder Camera | PTZ Dome Camera | Panoramic Camera | NVR KIT | Thermal Monitor | Switch Cable | Controller & Transmission | Accessories | DORI Distance

Model	DS-7616NI-K2	DS-7608NI-K2/8P	DS-7608NI-K2	DS-7616NI-Q2/16P	DS-7616NI-Q2	DS-7608NI-Q2/8P
Image		HOT	HOT			
Channel No.	16-ch	8-ch	8-ch	16-ch	16-ch	8-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	160Mbps/ 160Mbps	80Mbps/ 160Mbps	80Mbps/ 160Mbps	160Mbps/ 80Mbps	160Mbps/ 80Mbps	80Mbps/80Mbps
Decoding Capacity	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p (30fps)	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p (30fps)	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p (30fps)	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
LCD	-	-	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk
eSATA/Mini SAS	-	-	-	-	-	-
RAID Type	-	-	-	-	-	-
Video Output	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	4/1			
Network Interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	8P	-	16P	-	8P
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤15 W	≤15 W(without enabling PoE)	≤15 W	≤15 W(without enabling PoE)	≤15 W	≤15 W(without enabling PoE)

Model	DS-7608NI-Q2	DS-7616NI-K1(B)	DS-7608NI-K1/8P(B)	DS-7608NI-K1(B)	DS-7604NI-K1/4P (B)	DS-7604NI-K1(B)
Image						
Channel No.	8-ch	16-ch	8-ch	8-ch	4-ch	4-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	80Mbps/80Mbps	160Mbps/ 80Mbps	80Mbps/ 80Mbps	80Mbps/ 80Mbps	40Mbps/ 80Mbps	40Mbps/ 80Mbps
Decoding Capacity	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
LCD	-	-	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-
RAID Type	-	-	-	-	-	-
Video Output	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz,1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz;HDMI/VGA simultaneous output VGA:1920 × 1080p/60Hz,1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/30Hz,1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz;HDMI/VGA simultaneous output VGA:1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz ;HDMI/VGA simultaneous output
Audio Output	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]
Alarm I/O	-	-	-	-	-	-
Network Interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	-	8P	-	4P	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering
Power Consumption (without HDD)	≤15 W	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W

Turbo HD Camera PTZ Camera DVRS Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

# Network Video Recorders

## Value Series NVRs

Hikvision Value Series NVRs provide a highly cost-effective choice of video recording, live view, and playback. In particular, the Wi-Fi solutions of the Value Series NVRs make them easy to install and easy to manage.

- Cost-effective
- H.265+ / H.265, H.264+ / H.264 self-adapting decoding
- Up to 4 channels @ 1080p decoding for 71-Series
- Plug and Play for PoE models
- Wi-Fi Series NVRs offer two MIMO antennas designed for powerful Wi-Fi performance
- Four channels @ 4 MP decoding for new Wi-Fi Series NVRs



## 7 Series

Model	DS-7108NI-Q1/M/8P	DS-7108NI-Q1/M	DS-7104NI-Q1/M/4P	DS-7104NI-Q1/M	DS-7108NI-Q1/8P	DS-7108NI-Q1	DS-7104NI-Q1/4P	DS-7104NI-Q1
<b>Image</b>								
<b>Channel No.</b>	8-ch	8-ch	4-ch	4-ch	8-ch	8-ch	4-ch	4-ch
<b>Decoding Format</b>	H.265+/H.265/ H.264+/H.264							
<b>Incoming/Outgoing Bandwidth</b>	60 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps
<b>Decoding Capacity</b>	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]
<b>Recording Resolution</b>	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF							
<b>Display</b>	1 HDMI/1 VGA							
<b>LCD</b>	-	-	-	-	-	-	-	-
<b>Storage Capacity</b>	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD
<b>eSATA/Mini SAS</b>	-	-	-	-	-	-	-	-
<b>RAID Type</b>	-	-	-	-	-	-	-	-
<b>Video Output</b>	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz  VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output
<b>Audio Output</b>	-	-	-	-	-	-	-	-
<b>Alarm I/O</b>	-	-	-	-	-	-	-	-
<b>Network Interface</b>	1, RJ-45 10/100Mbps self-adaptive Ethernet interface							
<b>PoE Port</b>	with /8P model	-	with /4P model	-	with /8P model	-	with /4P model	-
<b>USB Port</b>	2 × USB 2.0							
<b>Smart Function</b>	line crossing and intrusion detection							
<b>Power Consumption (without HDD)</b>	≤ 10W(without enabling PoE)	≤ 10W						

Turbo HD PTZ Camera | Turbo HD DVRs Encoder | Network Camera | PTZ Dome Camera | Panoramic Camera | NVR KIT | Thermal Monitor | Switch | Cable Controller & Transmission | Accessories DORI Distance

Model	DS-7608NI-K1/W	DS-7604NI-K1/W	DS-7108NI-K1/W/M	DS-7104NI-K1/W/M
Image				
Channel No.	8-ch	4-ch	8-ch	4-ch
Decoding Format	H.264, H.265, H.264+, and H.265+	H.264, H.265, H.264+, and H.265+	H.264, H.265, H.264+, and H.265+	H.264, H.265, H.264+, and H.265+
Incoming/Outgoing Bandwidth	Incoming: 50 Mbps	Incoming: 50 Mbps	50/40 Mbps	50/40 Mbps
Decoding Capacity	4-ch@1080p	4-ch@1080p	4-ch@1080p	4-ch@1080p
Recording Resolution	5 MP/4 MP/3 MP/1080p/1.3 MP/720p	5 MP/4 MP/3 MP/1080p/1.3 MP/720p	4 MP/3 MP/1080p/1.3 MP/720p	4 MP/3 MP/1080p/1.3 MP/720p
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
Video Output	1-ch, resolution: 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Storage Capacity	Up to 6TB capacity for each HDD	Up to 6TB capacity for each HDD	Up to 6 TB capacity for each disk	Up to 6 TB capacity for each disk
Frequency band	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz
Antenna structure	2*2MIMO. External antennas. PA and LNA modules are supported	2*2MIMO. External antennas. PA and LNA modules are supported	2 × 2MIMO	2 × 2MIMO
Transmission speed	300 Mbps	300 Mbps	144 Mbps	144 Mbps
Transmission standard	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Audio Output	1-ch, RCA (linear, 1 kΩ)	1-ch, RCA (linear, 1 kΩ)	1-ch, RCA (linear, 1 kΩ)	1-ch, RCA (linear, 1 kΩ)
Alarm I/O	-	-	-	-
Network Interface	1, RJ45 100M Ethernet interface	1, RJ45 100M Ethernet interface	1, RJ45 10/100M Ethernet interface	1, RJ45 10/100M Ethernet interface
PoE Port	-	-	-	-
USB Port	Rear panel: 2 × USB 2.0	Rear panel: 2 × USB 2.0	Rear panel: 2 × USB 2.0	Rear panel: 2 × USB 2.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports line crossing and intrusion VCA [Video Content Analytics] events for IP cameras	Supports line crossing and intrusion VCA [Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤ 18 W	≤ 18 W	≤ 12 W	≤ 12 W

# Kit

**143** Wi-Fi Kit

**144** PoE Kit



# Kit

## Wi-Fi Kit:

- A kit includes four Wi-Fi cameras, one Wi-Fi NVR, and all accessories to minimize time and costs
- Auto-connect function for quick connection
- Stable Wi-Fi signal provides up to 120 meters of Wi-Fi coverage (in open places)

## PoE Kit:

- A kit includes four PoE cameras, one PoE NVR, and all accessories to save time and cost
- PoE function to save wiring installation time
- Plug and play function for quick configuration



## Wi-Fi Series

Model	NK42W0H-1T(WD)(B)	NK42W1H-1T(WD)(B)	NK44W0H-1T(WD)	NK44W1H-1T(WD)
Image				
Camera Case Type	Bullet	Dome	Bullet	Dome
Min. Illumination	Color: 0.02 Lux @ [F2.0, AGC ON]	Color: 0.02 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]
Protection Level	IP66	IP66	IP66	IP66
Material	Front cover: metal, back cover: plastic	Plastic	Front cover: plastic, camera body: metal	Plastic
Focal Length	2.8 mm	2.8 mm	2.8 mm	2.8 mm
IR Range	Up to 30 m			
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264			
Max. Resolution	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1440
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1 built-in mic	1 built-in mic	1 Built-in mic, mono sound	1 Built-in mic, mono sound
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug, reverse polarity protection	12 VDC ± 25%, Ø 5.5 mm coaxial power plug, reverse polarity protection	12 VDC ± 25%, 0.5 A, Ø 5.5 mm coaxial plug power	12 VDC ± 25%, 0.5 A, Ø 5.5 mm coaxial plug power
IP Video Input	4-ch	4-ch	4-ch	4-ch
Incoming/Outgoing Bandwidth	50 Mbps/40 Mbps	50 Mbps/40 Mbps	50 Mbps/40 Mbps	50 Mbps/40 Mbps
HDMI/VGA Output	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Resolution	4 MP/3 MP/1080p/1.3 MP/720p			
Capability	4-ch@1080p/1-ch@4 MP	4-ch@1080p/1-ch@4 MP	4-ch@1080p/1-ch@4 MP	4-ch@1080p/1-ch@4 MP
PoE Interfaces Power	-	-	-	-
SATA	1	1	1	1
Power Supply	12 VDC	12 VDC	12 VDC	12 VDC
Dimension (W × D × H)	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]
Accessories	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable
Hard Drive	-1T:Pre-installed 1 TB HDD			

Turbo HD Camera Camera Camera Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	NK42E2H-1T(WD)	NK42E2H	NK42E3H-1T(WD)	NK42E3H
Image				
Camera Case Type	Turret	Turret	Bullet & Dome	Bullet & Dome
Min. Illumination	Color:0.028 Lux @ [F2.0; AGC ON]	Color:0.028 Lux @ [F2.0; AGC ON]	Color:0.028 Lux @ [F2.0; AGC ON]	Color:0.028 Lux @ [F2.0; AGC ON]
Protection Level	IP67	IP67	Bullet: IP67 Dome: IP67, IK10	Bullet: IP67 Dome: IP67, IK10
Material	Camera body: metal, bottom base : plastic	Camera body: metal, bottom base : plastic	Bullet: Front cover: metal, back cover & bracket: plastic Dome: Front cover: plastic, back cover & bracket: metal	Bullet: Front cover: metal, back cover & bracket: plastic Dome: Front cover: plastic, back cover & bracket: metal
Focal Length	2.8 mm	2.8 mm	2.8 mm	2.8 mm
IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
On-board Storage	No	No	No	No
Audio I/O	No	No	No	No
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]
IP Video Input	4-ch	4-ch	4-ch	4-ch
Incoming/Outgoing Bandwidth	40 Mbps/60 Mbps	40 Mbps/60 Mbps	40 Mbps/60 Mbps	40 Mbps/60 Mbps
HDMI/VGA Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Resolution	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Capability	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP
PoE Interfaces Power	≤ 36 W	≤ 36 W	≤ 36 W	≤ 36 W
SATA	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
Power Supply	48 VDC	48 VDC	48 VDC	48 VDC
Dimension (W × D × H)	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]
Accessories	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable
Hard Drive	-1T:Pre-installed 1 TB HDD	-	-1T:Pre-installed 1 TB HDD	-

# Thermal Cameras

146 Security

149 Thermography



# Thermal Cameras

## Security

### See the World in a New Way

- Thermal Cameras have strong environmental adaptability
- Video content analysis with deep learning algorithms to reduce false alarms
- Temperature exception alarm with visualized smart warning helps detect potential fire accidents beforehand
- Vigilant smoking detection helps to detect smoking behaviors
- Picture-in-picture preview enables convenient switching between optical and thermal channels



## Security

Model	DS-2TD1117-2PA/3PA/6PA	DS-2TD1117-2P/3P/6P	DS-2TD2117-3PA/6PA/10PA	DS-2TD2117-3P/6P/10P	
Image	 <span style="color: orange; font-size: small;">HOT</span>	 <span style="color: orange; font-size: small;">HOT</span>	 <span style="color: orange; font-size: small;">HOT</span>	 <span style="color: orange; font-size: small;">HOT</span>	
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Turbo HD Camera
Sensitivity (Thermal)	< 40 mk (@ 25 °C, F# = 1.1)	< 40 mk (@ 25 °C, F# = 1.1)	< 40 mk (@ 25 °C, F# = 1.1)	< 40 mk (@ 25 °C, F# = 1.1)	Turbo HD Camera
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm	Turbo HD Camera
Resolution (Thermal)	160 × 120	160 × 120	160 × 120	160 × 120	Turbo HD Camera
Lens	2 mm / 3 mm / 6 mm	2 mm / 3 mm / 6 mm	3 mm / 6 mm / 10 mm	3 mm / 6 mm / 10 mm	Turbo HD Camera
Field of View(Thermal)	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	Turbo HD Camera
Video Compression	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	DVRs
Frame Rate	25 fps	25 fps	25 fps	25 fps	Encoder
Ingress Protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection	Network Camera
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	PANORAMIC Camera
Audio Output	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	NVR
Alarm Input	1-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	K/T
Alarm Output	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	Thermal
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	Monitor
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	Switch
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Cable
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Controller & Transmission
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	Accessories
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	DORI Distance

Model	DS-2TD2617-3PA/6PA/10PA	DS-2TD2617-3P/6P/10P	DS-2TD1217-2PA/3PA/6PA	DS-2TD1217-2P/3P/6P
Image	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Sensitivity (Thermal)	< 40 mk (@ 25 °C, F# = 1.1	< 40 mk (@ 25 °C, F# = 1.1	< 40 mk (@ 25 °C, F# = 1.1	< 40 mk (@ 25 °C, F# = 1.1
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm
Resolution (Thermal)	160 × 120	160 × 120	160 × 120	160 × 120
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.002 Lux @ [F1.6, AGC ON]	Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.0018 Lux @ [F1.6, AGC ON]	2PA Color: 0.018 Lux @ [F1.6, AGC ON], B/W: 0.004 Lux @ [F1.6, AGC ON] 3/6PA Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.002 Lux @ [F1.6, AGC ON]	2P Color: 0.018 Lux @ [F1.6, AGC ON], B/W: 0.004 Lux @ [F1.6, AGC ON] 3/6P Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.002 Lux @ [F1.6, AGC ON]
Lens	Thermal: 3 / 6 / 10 mm Optical: 4 / 6 / 8 mm	Thermal: 3 / 6 / 10 mm Optical: 4 / 6 / 8 mm	Thermal: 2 / 3 / 6 mm Optical: 2 / 4 / 6 mm	Thermal: 2 / 3 / 6 mm Optical: 2 / 4 / 6 mm
Field of View(Thermal)	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°
Video Compression	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile
Frame Rate	25 fps	25 fps	25 fps	25 fps
Ingress Protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω+ 25 19: 27 19: 26 18 19: 23 19: 25 19: 26 19: 25 19: 27 19: 19: 27	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω+ 25 19: 27 19: 26 18 19: 23 19: 25 19: 26 19: 25 19: 27 19: 19: 27
Alarm Input	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%+ 19: 27	Line Crossing, Intrusion, Region Entrance, and Region Exiting	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%+ 19: 27
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

## Thermal Cameras **Thermography**

The handheld thermography camera is equipped with a 160 x 120 resolution thermal detector, especially designed for quickly and accurately locating areas of abnormal temperature. The temperature value is shown on the built-in LCD screen for convenient read.

- Temperature measurement range: from -20°C to 550°C
  - Temperature measurement accuracy: Max( $\pm 2^{\circ}\text{C}$ ,  $\pm 2\%$ )
  - Support offline temperature analysis of picture by iVMS-4800



Model	DS-2TP31-3AU	DS-2TP21-6AVF/W
Image		
<b>Thermal Camera Sensor</b>	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays
<b>Pixel Pitch(Thermal)</b>	17 µm	17 µm
<b>Sensitivity</b>	< 40 mK (@25 °C, F# = 1.0)	< 40 mK (@25°C, F# = 1.0)
<b>FOV</b>	5.48 mrad	2.74 mrad
<b>Max. Resolution</b>	Thermal: 160 x 120	Thermal: 160 x 120 Optical: 8MP
<b>Frame rate</b>	25 fps	25 fps
<b>Thermal Lens</b>	3.1 mm	6.2 mm
<b>Field of View(Thermal)</b>	50° x 37.2°	25° x 19°
<b>Screen</b>	320 x 240 resolution 2.4" LCD display	640 x 480 resolution 3.5" LCD touch display
<b>Storage</b>	Replaceable memory card (8G)	Replaceable memory card (16 G)
<b>Wi-Fi</b>	NA	Support
<b>Battery Operating Time</b>	≤ 8 h	≤ 5 h
<b>Ingress Protection</b>	IP54	IP54
<b>Fall Resistant Level</b>	2 m (6.56 feet)	2 m (6.56 feet)
<b>Operating Temperature</b>	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
<b>Temperature Measuring Range</b>	-20 °C to 550 °C (-4 °F to 1022 °F)	-20 °C to 550 °C (-4 °F to 1022 °F)
<b>Temperature Accuracy</b>	Max (± 2 °C, ± 2%)	Max (± 2 °C, ± 2%)
<b>Dimension</b>	196 mm × 117 mm × 59 mm (7.7 " × 4.6 " × 2.3 ")	244 × 100 × 104 mm (9.6 × 3.9 × 4.1")
<b>Weight</b>	350 g	660 g

# Monitors

**151** Pro Series

**155** Value Series



# Monitors

## Pro Series

### Visual and Audio Clarity

Pro Series monitors deliver 24/7 operation with FHD or UHD images.

- Full HD 1080p/UHD 4K resolution
- Wide viewing angle – 178°(H) / 178°(V)
- 3D comb filter, 3D De-interlace , 3D noise reduction
- Longer life span for critical performance and minimum TCO
- Perfect integration and compatibility with DVRs and NVRs
- Supports multiple inputs: HDMI, DVI, VGA, BNC, USB, audio in, RS232, RJ45, IR
- Standard VESA bracket
- On Duty 24/7 for Mission Critical Applications



## 4K Series

Model	DS-D5027UC	DS-D5028UC	DS-D5043UC	DS-D5043UC-B	DS-D5049UC-B
Image					
Display	<b>Max Resolution</b>	3840*2160	1920×1080	3840×2160	3840*2160
	<b>Backlight</b>	LED-Backlit TFT LCD	LED Backlight	D-LED Backlight	D-LED Backlight
	<b>Active Display Area</b>	27"	28"	42.5"	42.51"
	<b>Brightness</b>	350cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	300cd/m <sup>2</sup>
	<b>Aspect Ratio</b>	16:9	16:9	16:9	16:9
	<b>Contrast Ratio</b>	1000:1	1000: 1	1200:1	1200:1
	<b>Response Time</b>	14ms	5.5 ms	8ms	6ms
	<b>Color</b>	1.07billion	1.07billion	1.07billion	1.07billion
Interface	<b>Viewing Angle</b>	Horizontal 178°, Vertical 178°	Horizontal 170°, vertical 160°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
	<b>Input</b>	HDMI input 1 DP input 1	HDMI input 1 VGA input 1 DP Input 1 Audio input 1	RS232 1 HDMI 2.0 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2	HDMI input 3 VGA input 1 USB2.0 Input 1 YPbPr input 1 Audio input 1
	<b>Output</b>	Audio input 1	-	Audio out 1	Audio out 1
	<b>Speaker</b>	2 * 2W	2*3W	8W*2	8W*2
General	<b>Input Voltages</b>	100~240 VAC,50/60 Hz	AC 110~240V,50/60Hz	AC 100~240V, 50/60 Hz	AC100~240V,50/60Hz
	<b>Power Consumption</b>	≤56W	≤45W(Typ), ≤70W(Max)	≤120W	≤75W
	<b>Dimensions</b>	614.19mm * 400.4mm * 249.6mm	659.7(W)X390.9(H)X49.3mm(D)	968.2mm*559.4mm*60.9 mm	969.1mm * 566.8mm * 82.6mm
	<b>Weight</b>	Gross Weight 6.55 Kg Net Weight 5.07 kg	Gross Weight 7.2Kg Net Weight 5.6kg	Gross Weight 11.7kg Net Weight 8.6kg	Gross Weight 9.67 Kg Net Weight 7.37Kg
	<b>VESA Mounting</b>	100mm * 100mm	100mm*100mm	200mm*200mm/400mm*400mm	400mm*200mm
	<b>Operating Temperature</b>	0~40 ° (0 to 104 ° F)	0 to 40 ° C (0 to 104 ° F)	0°~40°(0 to 104 ° F)	0~40 ° (0 to 104 ° F)
	<b>Working Time</b>	7*24h	7*24h	7*24h	7*24h
	<b>Wall mounted Bracket (Optional)</b>	DS-DM1940W	DS-DM1940W	DS-DM4255W	DS-DM4255W
	<b>Stand Bracket (Optional)</b>	Included by default	Included by default	Included by default	Included by default

Model	DS-D5050UC	DS-D5055UC	DS-D5055UC-B	DS-D5065UC	
Image			 Coming Soon		
Display	<b>Max Resolution</b>	3840×2160	3840×2160	3840×2160	
	<b>Backlight</b>	LED Backlight	D-LED	D-LED Backlight	
	<b>Active Display Area</b>	49.5"	54.6"	54.64"	
	<b>Brightness</b>	300 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	300cd/m <sup>2</sup>	
	<b>Aspect Ratio</b>	16:9	16:9	16:9	
	<b>Contrast Ratio</b>	4000: 1	1200:1	1300:1	
	<b>Response Time</b>	8ms	8ms	9ms	
	<b>Color</b>	1.07billion	1.07billion	1.07billion	
Interface	<b>Viewing Angle</b>	Horizontal 178°, vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	
	<b>Input</b>	LAN 1 VGA input 1 HDMI input 1 AV input 1 [CVBS IN, L Audio input, R Audio input] USB 2.0 1 USB 3.0 1	HDMI 2.0 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2 RS232 1	HDMI input 3 VGA input 1 USB2.0 Input 1 YPbPr input 1 Audio input 1	RS232 1 HDMI 2.0*2 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2
	<b>Output</b>	SPDIF output 1	Audio out 1	Audio out 1	
	<b>Speaker</b>	2*8W	8W*2	8W*2	
General	<b>Input Voltages</b>	100 to 240 VAC, 50/60Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz	
	<b>Power Consumption</b>	≤ 117W	≤180W	≤155W	
	<b>Dimensions</b>	1123.6 × 649.3 × 77 mm	1239.2mm*711.6mm*61.7 mm	1241mm * 720mm * 83mm	
	<b>Weight</b>	Gross Weight 12.35 kg Net Weight 12.00 kg	Gross Weight 20.7kg Net Weight 16kg	Gross Weight 17.04Kg Net Weight 13.04Kg	
	<b>VESA Mounting</b>	400mm*200mm	400mm*200mm/400mm*400mm	200mm*200mm	
	<b>Operating Temperature</b>	0 to 40 ° C (0 to 104 ° F)	0°~ 40°	0-40 ° (0 to 104 ° F)	
	<b>Working Time</b>	7*24h	7*24h	7*24h	
	<b>Wall mounted Bracket (Optional)</b>	DS-DM4255W	DS-DM4255W	DS-DM6586W	
	<b>Stand Bracket (Optional)</b>	DS-DM5001B	DS-DM5504B	Included by default	
				DS-DM6501B	

## FL Series

Model	DS-D5032FL	DS-D5043FL-B
Image		
Display	<b>Max Resolution</b>	1920×1080
	<b>Backlight</b>	LED-Backlit
	<b>Active Display Area</b>	31.5"
	<b>Brightness</b>	400 cd/m <sup>2</sup>
	<b>Aspect Ratio</b>	16:9
	<b>Contrast Ratio</b>	3000:1
	<b>Response Time</b>	6.5ms
	<b>Color</b>	16.7 M
	<b>Viewing Angle</b>	Horizontal 178°, Vertical 178°
	<b>Input</b>	HDMIx1, VGA×1, DVI×1, BNCx1, USB×1, Audio(3.5mm mini-jack)×1
Interface	<b>Output</b>	VGA x 1, DVI x 1, HDMI x 1, BNC IN x 1, AUDIO IN x 1
	<b>Speaker</b>	3W ×2
	<b>Input Voltages</b>	AC100~240V, 50/60Hz
	<b>Power Consumption</b>	≤ 60W
	<b>Dimensions</b>	737.4mm×452.5mm×70.65mm (39.32" x 23.24" x 3.08")
	<b>Weight</b>	19Kg(Gross weight) , 12Kg(Net weight)
	<b>VESA Mounting</b>	200mm×200mm
	<b>Operating Temperature</b>	0°C ~ 40 °C
	<b>Working Time</b>	7*24h
	<b>Wall mounted Bracket (Optional)</b>	DS-DM1940W
General	<b>Stand Bracket</b>	DS-DM3201B
	<b>Model</b>	DS-D5022FC
	<b>Model</b>	DS-D5024FC
	<b>Model</b>	DS-D5032FC-A
	Image	 HOT
	Image	 HOT
	Image	
	<b>Max Resolution</b>	1920×1080
	<b>Backlight</b>	LED-Backlit TFT LCD
	<b>Active Display Area</b>	21.5"
Interface	<b>Brightness</b>	250cd/m <sup>2</sup>
	<b>Aspect Ratio</b>	16:9
	<b>Contrast Ratio</b>	1000:1
	<b>Response Time</b>	5ms
	<b>Color</b>	16.7M
	<b>Viewing Angle</b>	Horizontal 170°, Vertical 160°
	<b>Input</b>	HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1, Stereo×1
	<b>Output</b>	BNC×1, Audio(3.5mm mini-jack)×1, Stereo out×1
	<b>Speaker</b>	2*2W
	<b>Input Voltages</b>	DC 12V/3.0A (Power adapter)
General	<b>Power Consumption</b>	< 30W(on) <0.5W(Standby)
	<b>Dimensions</b>	511.4mmx313.0mmx45.4mm
	<b>Weight</b>	4.6Kg(Gross weight) , 3.2(Net weight)
	<b>VESA Mounting</b>	100mm × 100mm
	<b>Operating Temperature</b>	0°C ~ 40 °C
	<b>Working Time</b>	7*24h
	<b>Wall mounted Bracket (Optional)</b>	DS-DM1940W
	<b>Stand Bracket</b>	Included by default
	<b>Model</b>	DS-D5024FC
	<b>Model</b>	DS-D5032FC-A

## FC Series

Model	DS-D5022FC	DS-D5024FC	DS-D5032FC-A
Image	 HOT	 HOT	
<b>Max Resolution</b>	1920×1080	1920×1080	1920×1080
<b>Backlight</b>	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
<b>Active Display Area</b>	21.5"	23.6"	31.5"
<b>Brightness</b>	250cd/m <sup>2</sup>	250cd/m <sup>2</sup>	300cd/m <sup>2</sup>
<b>Aspect Ratio</b>	16:9	16:9	16:9
<b>Contrast Ratio</b>	1000:1	1000:1	1000:1
<b>Response Time</b>	5ms	5ms	8ms
<b>Color</b>	16.7M	16.7M	16.7M
<b>Viewing Angle</b>	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 178°, Vertical 178°
<b>Input</b>	HDMIx1, VGA×1, BNCx1, USB×1, Audio(3.5mm mini-jack)×1	HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1, RCA×1	DVIx1,HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1
<b>Output</b>	BNC×1, Audio(3.5mm mini-jack)×1, Stereo out×1	BNC×1,AUDIO×1	BNC×1,PC AUDIO×1
<b>Speaker</b>	2*2W	2*2W	2 W x 2, 6Ω
<b>Input Voltages</b>	DC 12V/3.0A (Power adapter)	AC 100~240V	100 ~ 240 V AC, 50/60 Hz
<b>Power Consumption</b>	< 30W(on) <0.5W(Standby)	< 30W(on) <0.5W(Standby)	≤ 45 W
<b>Dimensions</b>	511.4mmx313.0mmx45.4mm	561mmx338mmx45mm	729mm x433mm x50mm
<b>Weight</b>	4.6Kg(Gross weight) , 3.2(Net weight)	6.0Kg(Gross weight) , 5.1(Net weight)	9.25 Kg(Gross weight) , 5.75 Kg(Net weight)
<b>VESA Mounting</b>	100mm × 100mm	100mm × 100mm	100 mm x 100 mm
<b>Operating Temperature</b>	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40°C
<b>Working Time</b>	7*24h	7*24h	7*24h
<b>Wall mounted Bracket (Optional)</b>	DS-DM1940W	DS-DM1940W	DS-DM1940W
<b>Stand Bracket</b>	Included by default	Included by default	Included by default

# Monitors

## Value Series

### Accessible and Affordable

Value Series monitors deliver 24/7 operation at an affordable price

- Wide viewing angle
- Multiple inputs: HDMI / VGA
- 3D comb filter, 3D De-interlace, 3D noise reduction
- Longer life span for critical performance and minimum TCO
- Perfect integration and compatibility with DVRs and NVRs
- Standard VESA bracket
- On Duty 24/7 for Mission Critical Applications



Model	DS-D5019QE	DS-D5019QE-B	DS-D5022QE-B	DS-D5022QE-E
Image				
Display	<b>Max Resolution</b>	1366×768	1366×768	1920×1080
	<b>Backlight</b>	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	<b>Active Display Area</b>	18.5"	18.5"	21.5"
	<b>Brightness</b>	200cd/m <sup>2</sup> (Typical)	200cd/m <sup>2</sup> (Typical)	250cd/m <sup>2</sup> (Typical)
	<b>Aspect Ratio</b>	16:9	16:9	16:9
	<b>Contrast Ratio</b>	600:1	600:1	1000:1
	<b>Response Time</b>	5ms	5ms	5ms
	<b>Color</b>	16.7M	16.7M	16.7M
	<b>Viewing Angle</b>	Horizontal 90°, Vertical 65°	Horizontal 90°, Vertical 65°	Horizontal 170°, Vertical 160°
	<b>Input</b>	VGA×1	HDMI×1, VGA×1	HDMI×1, VGA×1
Interface	<b>Output</b>	-	-	-
	<b>Speaker</b>	-	-	-
	<b>Input Voltages</b>	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz
	<b>Power Consumption</b>	≤ 25W	≤ 25W < 30W(on) < 0.4W(Standby)	< 30W(on) < 0.5W(Standby)
General	<b>Dimensions</b>	446mm×275mm ×45mm	446mm×275mm ×45mm	511mm×313mm ×46mm
	<b>Weight</b>	3.5Kg(Gross weight), 2.8Kg(Net weight)	3.5Kg(Gross weight), 2.8Kg(Net weight)	4.5Kg(Gross weight), 3.3Kg(Net weight)
	<b>VESA Mounting</b>	75mm x 75mm	75mm x 75mm	100mm × 100mm
	<b>Operating Temperature</b>	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C
	<b>Working Time</b>	7*24h	7*24h	7*24h
	<b>Wall mounted Bracket (Optional)</b>	DS-DM1940W	DS-DM1940W	DS-DM1940W
	<b>Stand Bracket</b>	Included by default	Included by default	Included by default

Model	DS-D5024QE	DS-D5032QE	DS-D5032QE-B	DS-D5043QE	DS-D5022QE-C
Image					
Display	<b>Max Resolution</b>	1920×1080	1920×1080	1920×1080	1920 × 1080
	<b>Backlight</b>	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	<b>Active Display Area</b>	23.8"	31.5"	31.5"	42.5"
	<b>Brightness</b>	250cd/m <sup>2</sup> [Typical]	300cd/m <sup>2</sup> [Typical]	250cd/m <sup>2</sup> [Typical]	360 cd/m <sup>2</sup> [Typical]
	<b>Aspect Ratio</b>	16:9	16:9	16:9	16:9
	<b>Contrast Ratio</b>	1000:1	1400:1	1000:1	1200:1
	<b>Response Time</b>	14ms	8ms	6ms	8ms
	<b>Color</b>	16.7M	16.7M	16.7M	16.7M
Interface	<b>Viewing Angle</b>	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
	<b>Input</b>	HDMIx1, VGAx1	HDMIx1,VGAx1,Audiox1,RJ45(RS232)x1	HDMIx1, VGAx1,DVI-Dx1,Audiox1	HDMI x1,VGA 1,Audio In x1
	<b>Output</b>	-	-	-	-
	<b>Speaker</b>	-	5W*2	-	5W*2
	<b>Input Voltages</b>	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	100 to 240 V AC, 50/60Hz
General	<b>Power Consumption</b>	< 30W(on) < 0.5W(Standby)	< 55W(on) < 0.5W(Standby)	< 50W(on) < 0.5W(Standby)	≤75W 0.5W[Standby]
	<b>Dimensions</b>	555mm×433mm ×226mm	727mm×424mm ×64mm	724.34mm×424.19mm ×46.26mm	968.18mm×562.99mm ×76.8mm
	<b>Weight</b>	5.1Kg[Grossweight] , 3.7Kg[Net weight]	6.763Kg[Grossweight] , 5.09Kg[Net weight]	6.8Kg[Grossweight] , 5.3Kg[Net weight]	11.1Kg[Grossweight] , 8.2Kg[Net weight]
	<b>VESA Mounting</b>	100mm × 100mm	100mm × 100mm	100mm × 100mm	200mm*200mm
	<b>Operating Temperature</b>	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C	5°C ~ 40°C
	<b>Working Time</b>	7*24h	7*24h	7*24h	7*24h
	<b>Wall mounted Bracket (Optional)</b>	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM4255W
	<b>Stand Bracket</b>	Included by default	Included by default	Included by default	Included by default

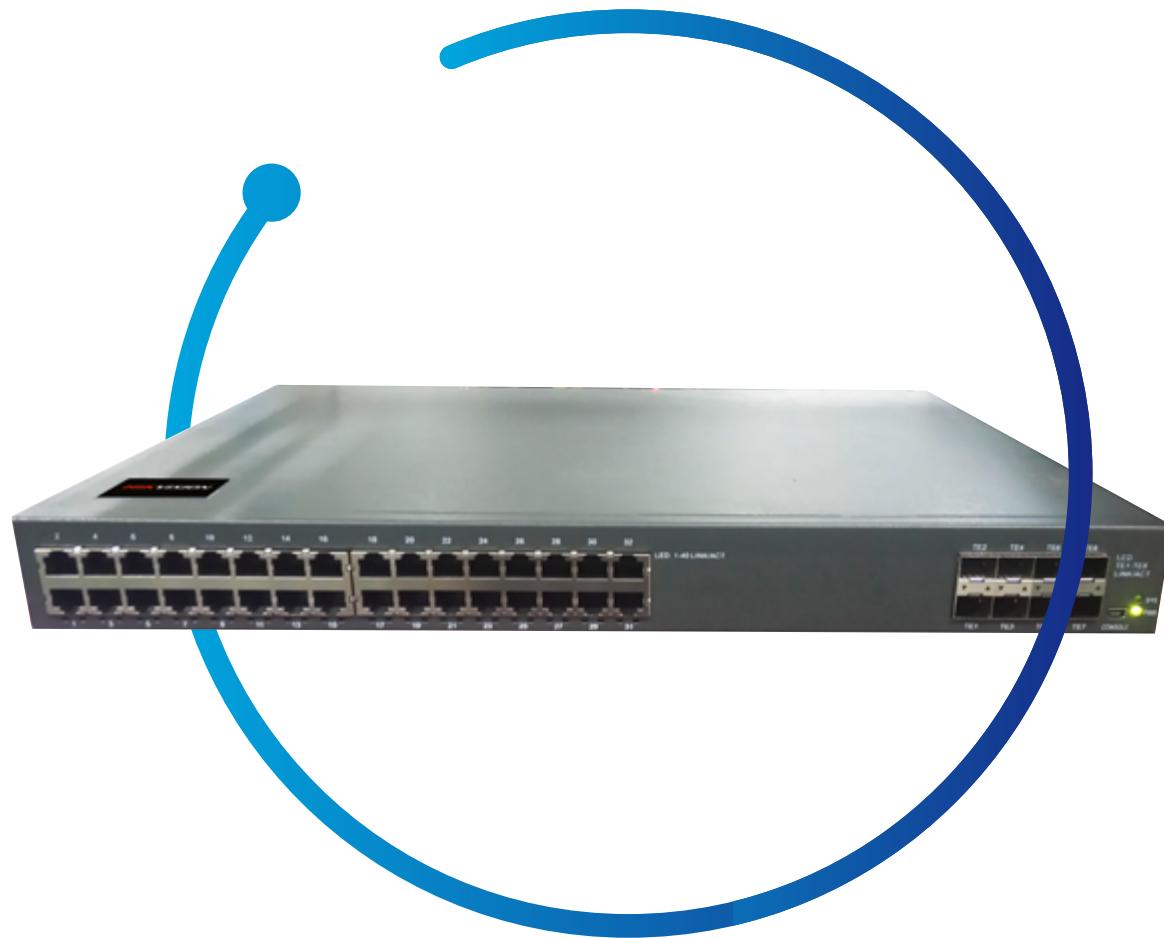
Model	DS-D5022FN	DS-D5024FN	DS-D5027FN	
Image				
Display	<b>Max Resolution</b>	1920 × 1080@60Hz	1920 × 1080@60Hz	1920 × 1080@60Hz
	<b>Backlight</b>	TFT-LED Backlight	TFT-LED Backlight	TFT-LED Backlight
	<b>Active Display Area</b>	476 × 268 mm	527 × 296 mm	598 × 336 mm
	<b>Brightness</b>	250 cd/m <sup>2</sup>	250 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>
	<b>Aspect Ratio</b>	16:9	16:9	16:9
	<b>Contrast Ratio</b>	3000: 1	1000: 1	1000: 1
	<b>Response Time</b>	13ms	14ms	14ms
	<b>Color</b>	16.7M	16.7M	16.7M
	<b>Viewing Angle</b>	Horizontal 178°, vertical 178°	Horizontal 178°, vertical 178°	Horizontal 178°, vertical 178°
Interface	<b>Input</b>	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1
	<b>Output</b>	-	-	-
	<b>Speaker</b>	-	-	-
General	<b>Input Voltages</b>	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz
	<b>Power Consumption</b>	≤ 30W	≤ 30W	≤ 40W
	<b>Dimensions</b>	489×378×167mm	540×418×227mm	614×454×226mm
	<b>Weight</b>	4.44kg [Grossweight], 2.75 kg [Net weight]	4.44 kg [Grossweight], 3.43 kg [Net weight]	5.62 kg [Grossweight], 4.06 kg [Net weight]
	<b>VESA Mounting</b>	100 × 100 mm	100 × 100 mm	100 × 100 mm
	<b>Operating Temperature</b>	0 to 40 ° C (32 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)
	<b>Working Time</b>	7*24h	7*24h	7*24h
	<b>Wall mounted Bracket (Optional)</b>	DS-DM1940W	DS-DM1940W	DS-DM1940W
	<b>Stand Bracket</b>	Included by default	Included by default	Included by default

# Switches

160 Ultra Series

161 Pro Series

172 Value Series



# Switches

## Ultra Series

### Switch On for Powerful Transmission

- IP route and full wire-speed L3 data package forwarding
- IEEE802.1x, IP+MAC+port binding
- Link aggregation
- MPLS VPN P/PE, MPLS TE, and MPLS OAM
- IRF
- Multicast and QoS



L3 Series

Model	DS-3E3756TF	DS-3E3740																																
Image																																		
Interface	<table border="1"> <tr> <td>Ethernet Port</td><td>24, 10/100/1000M RJ45 ports 24, 1000M SFP ports</td><td>32 10/100/1000M Base-T ports+8 10G SFP+ ports</td></tr> <tr> <td>Uplink Port</td><td>8 10G SFP ports</td><td>10G SFP+ ports</td></tr> <tr> <td>Packet Forwarding Rate</td><td>136Mbps</td><td>136Mbps</td></tr> </table>	Ethernet Port	24, 10/100/1000M RJ45 ports 24, 1000M SFP ports	32 10/100/1000M Base-T ports+8 10G SFP+ ports	Uplink Port	8 10G SFP ports	10G SFP+ ports	Packet Forwarding Rate	136Mbps	136Mbps																								
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Performance	<table border="1"> <tr> <td>Switching Capacity</td><td>256Gbps</td><td>224Gbps</td></tr> <tr> <td>MAC Address Table</td><td>64K</td><td>64K</td></tr> <tr> <td>Quality of Service</td><td>Flow classification based on L2-4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping</td><td>It supports speed limit on port direction and direction. Supports 8 priority queues per port. Support mapping from message 802.1p to different queues. Support SP, WRR and SP+WRR algorithm. Support for message priority and message redirection. Support L2 (Layer 2)-L4 (Layer 4) packet filtering function, provide source MAC address, destination MAC address, source IP address, destination IP address, TCP/UDP protocol source/destination port number, protocol, VLAN packet filtering function Support functions based on queue speed limit and port shaping.</td></tr> <tr> <td>STP</td><td>802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP) BPDU protection, root protection, and loopback protection</td><td>Support STP (IEEE 802.1d), RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s) protocol.</td></tr> <tr> <td>Multicast</td><td>IGMP v1/v2/v3 IGMP snooping IGMP Fast Leave Multicast group strategy and quantity limitation Multicast flow copying over VLANs</td><td>Supports IGMP v1/v2/v3 Snooping and fast leave mechanism Supports multicast forwarding in VLAN and multicast multi VLAN replication Multicast load sharing supporting bundled ports Supports controllable multicast Port based multicast traffic statistics Supports IGMP v1/v2/v3, PIM-SM, PIM-DM, PIM-SSM</td></tr> <tr> <td>VLAN</td><td>4K VLAN; GVRP; QinQ; Private VLAN</td><td>Supports IEEE 802.1Q (VLAN), the whole machine supports 4K VLAN Supports GVRP Supports QinQ Supports VLAN based on MAC / protocol / IP subnet / policy / port Supports Private VLAN Supports 1:1 and N:1 VLAN Mapping functions</td></tr> <tr> <td>Security</td><td>L2/L3/L4 ACL flow identification and filtration DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding</td><td>Supports 802.1x, support single port maximum user number limit Storm suppression Filter User level management and password protection Supports AAA authentication, supports Radius, TACACS+ and many other ways Supports 802.1X authentication, supports MAC authentication, and supports MAC bypass authentication Supports to prevent DOS, ARP attack function, ICMP anti attack Supports binding of IP, MAC, port and VLAN Supports MAC address learning limit Supports DHCP Snooping Supports port isolation, Sticky MAC Supports MAC address filtering Supports SSH V2.0 Supports multicast, broadcast and unknown unicast message suppression Supports CPU protection function</td></tr> <tr> <td>Management and Maintenance</td><td>Console, Telnet, SSH2.0, Web SNMP v1/v2/v3 TFTP RMON Static/LACP link aggregation EAPS and ERPS</td><td>Console, Telnet, SSH2.0, Web SNMP v1/v2/v3 TFTP RMON</td></tr> <tr> <td>Power Supply</td><td>100-240V AC, 50/60 Hz</td><td>AC, 100V-240V, 50Hz±10%</td></tr> <tr> <td>Power Consumption</td><td>55W</td><td>&lt;50W</td></tr> <tr> <td>Dimension</td><td>442.5mm×350mm×44mm</td><td>442.5mm×315mm×44mm</td></tr> </table>	Switching Capacity	256Gbps	224Gbps	MAC Address Table	64K	64K	Quality of Service	Flow classification based on L2-4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	It supports speed limit on port direction and direction. 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Quality of Service	Flow classification based on L2-4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	It supports speed limit on port direction and direction. Supports 8 priority queues per port. Support mapping from message 802.1p to different queues. Support SP, WRR and SP+WRR algorithm. Support for message priority and message redirection. Support L2 (Layer 2)-L4 (Layer 4) packet filtering function, provide source MAC address, destination MAC address, source IP address, destination IP address, TCP/UDP protocol source/destination port number, protocol, VLAN packet filtering function Support functions based on queue speed limit and port shaping.																																
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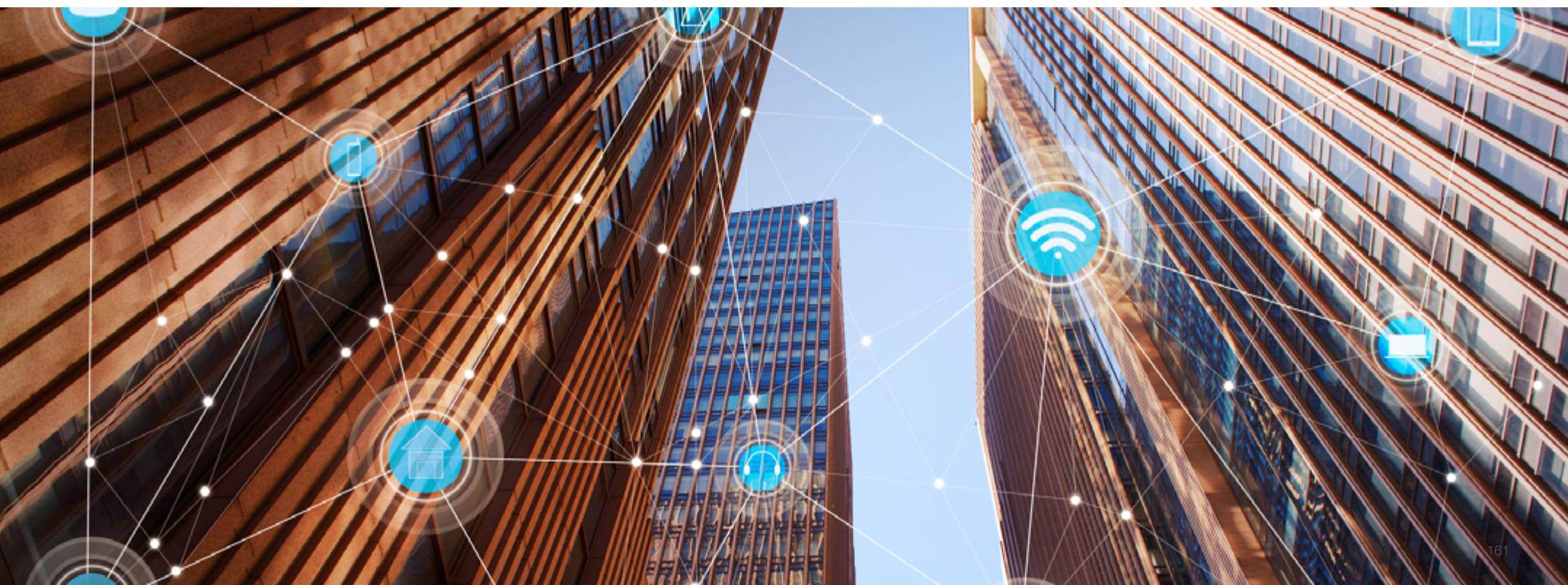
# Switches

## Pro Series

### Switch More

Aggregate access switches and provide powerful management functions.

- Layer 2, 100 M / 1,000 M network switch
- Unmanaged or managed functions
- 802.3af / at / bt PoE standard (on select models) and high PoE power budget
- 8/4-core adaptable power supply to drastically reduce power loss (on select models)
- Data from key cameras will be transmitted with priority to VIP ports (on select models)
- EXTEND mode increases transmission distances to 300 m (on select models)
- 6 KV surge protection ensures normal and reliable operation even in harsh conditions (on select models)
- “Watchdog” function enables automatic camera detection, reducing manual inspection and restart and contributing to a self-healing network (on select models)



Unmanaged 1000M Series

Model	DS-3E0524TF	DS-3E0505-E	DS-3E0508-E(B)	DS-3E0516-E(B)	DS-3E0524-E(B)
Image					
Interface	<b>Ethernet Port</b> 12 x Gigabit Ethernet electrical ports , 12 x Gigabit SFP fiber optical port	5 x 1000M Ethernet port	8 x 1000M Ethernet port	16 x 1000M Ethernet port	24 x 1000M Ethernet port
Performance	<b>Uplink Port</b> -	-	-	-	-
General	<b>Lightning Protection</b> -	-	-	-	-
	<b>Packet Forwarding Rate</b> 35.7 Mpps	7.44 Mpps	11.904 Mpps	23.808 Mpps	35.712 Mpps
	<b>Switching Capacity</b> 48 Gbps	10 Gbps	16 Gbps	32 Gbps	48 Gbps
	<b>MAC Address Table</b> 16 K	2 K	4 K	8 K	8 K
	<b>Power Supply</b> 220 VAC	5 VDC , 1 A	5 VDC , 1 A	220 VAC , 50/60 Hz , Max. 0.3 A	220 VAC , 50/60 Hz , Max. 0.7 A
	<b>Power Consumption</b> 30 W	-	-	-	-
	<b>Dimension</b> 440 mm×44.5 mm×186.5 mm	103 mm × 25.6 mm × 61.1 mm	145 mm × 25.6 mm × 68.4 mm	257 mm × 44.5 mm × 175.8 mm	335 mm × 44.5 mm × 175.8 mm

### Unmanaged 1000M POE Series

Model	DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E	
Image					
Interface	<b>Ethernet Port</b>	4 × Gigabit PoE ports, and 1 × Gigabit RJ45 port	8 × Gigabit PoE ports, 1 × Gigabit RJ45 port	16 × Gigabit PoE ports, 1 × Gigabit RJ45 port	24 × Gigabit PoE ports, 1 × Gigabit RJ45 port
	<b>Uplink Port</b>	1 × Gigabit RJ45 port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port
	<b>High Priority Port (default)</b>	-	-	-	-
	<b>PoE Standards</b>	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	<b>PoE Ports</b>	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	<b>PoE Budget</b>	60 W	110 W	230 W	370 W
	<b>PoE Extend Mode</b>	-	-	-	-
	<b>Surge Protection</b>	6 KV	6 KV	6 KV	6 KV
	<b>Hi-PoE</b>	-	-	-	-
Dialing function	<b>Long range</b>	-	-	-	-
	<b>Port isolation</b>	-	-	-	-
	<b>PoE watchdog</b>	-	-	-	-
Performance	<b>Packet Forwarding Rate</b>	7.44 Mpps	14.88 Mpps	26.784 Mpps	38.688 Mpps
	<b>Switching Capacity</b>	10 Gbps	20 Gbps	36 Gbps	52 Gbps
General	<b>MAC Address Table</b>	2 K	4 K	8 K	8 K
	<b>Power Supply</b>	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
	<b>Power Consumption</b>	65 W	120W	250 W	400 W
	<b>Dimension</b>	105 mm × 27.6 mm × 83.1 mm	217.6 mm × 27.8 mm × 108.55 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 220.8 mm

Turbo HD Camera  
 Turbo HD PTZ Camera  
 DVRs Encoder Network Camera  
 PTZ Dome Panoramic Camera  
 NVR KIT Thermal Monitor  
 Cable Controller & Transmission Accessories DORI Distance

Model	DS-3E0505HP-E	DS-3E0510HP-E	DS-3E0520HP-E	DS-3E0528HP-E
Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
Interface	<b>Ethernet Port</b> 3 × gigabit PoE ports, 1 × gigabit Hi-PoE port	6 × gigabit PoE ports, 2 × gigabit Hi-PoE ports	12 × gigabit PoE ports, 4 × gigabit Hi-PoE ports,	20 × gigabit PoE ports, 4 × gigabit Hi-PoE ports
	<b>Uplink Port</b> 1 × gigabit RJ45 port	1 × gigabit RJ45 port, and 1 × gigabit fiber optical port	2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports	2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports
	<b>High Priority Port (default)</b> -	-	-	-
	<b>PoE Standards</b> Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 16: IEEE 802.3af, IEEE 802.3at	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 24: IEEE 802.3af, IEEE 802.3at
	<b>PoE Ports</b> Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	<b>PoE Budget</b> 60 W	110 W	225 W	370 W
	<b>PoE Extend Mode</b> Ports 3 and 4 support	Ports 7 and 8 support	Ports 13 to 16 support	Ports 21 to 24 support
	<b>Surge Protection</b> 6 KV	6 KV	6 KV	6 KV
	<b>Hi-PoE</b> IEEE 802.3bt 60W	IEEE 802.3bt 90W	IEEE 802.3bt 90W	IEEE 802.3bt 90W
Dialing function	<b>Long range</b> Ports 3 and 4: up to 300 m; and the speed rate of the port is 10 Mbps.	Ports 7 and 8: up to 300 m; and the speed rate of the port is 10 Mbps.	Ports 13 to 16: up to 300 m; and the speed rate of the port is 10 Mbps	Ports 21 to 24: up to 300 m; and the speed rate of the port is 10 Mbps
	<b>Port isolation</b> Ports 1 to 4: port isolation mode to improve network security.	Ports 1 to 8: port isolation mode to improve network security.	Ports 1 to 16: port isolation mode to improve network security.	Ports 1 to 24: port isolation mode to improve network security.
	<b>PoE watchdog</b> Ports 1 to 4: auto detect and restart the cameras that do not respond.	Ports 1 to 8: auto detect and restart the cameras that do not respond.	Ports 1 to 16: auto detect and restart the cameras that do not respond.	Ports 1 to 24: auto detect and restart the cameras that do not respond.
	<b>Packet Forwarding Rate</b> 7.44 Mpps	14.88 Mpps	29.76 Mpps	41.664 Mpps
Performance	<b>Switching Capacity</b> 10 Gbps	20 Gbps	40 Gbps	56 Gbps
	<b>MAC Address Table</b> 2 K	4 K	8 K	8 K
	<b>Power Supply</b> 48 VDC, 1.35 A	54 VDC, 2.22 A	100 to 240 VAC, 50/60Hz, Max. 4 A	100 to 240 VAC, 50/60Hz, Max. 6.5 A
General	<b>Power Consumption</b> 65 W	120 W	250 W	400 W
	<b>Dimension</b> 121 mm × 88.1 mm × 27.6 mm	217.6 mm × 108.55 mm × 27.8 mm	440 mm × 220.8 mm × 44 mm	440 mm × 220.8 mm × 44 mm

## Full Managed Series

Model	DS-3E2310P	DS-3E2318P	DS-3E2326P	DS-3E2528P	DS-3E2510P	DS-3E2528
Image						
Interface	Ethernet Port	8 x 10/100Mbps RJ45 ports	16 x 10/100Mbps RJ45 ports,	24 x 10/100Mbps RJ45 ports,	24 x 10/100M/1000M RJ45 ports	8 x 10/100/1000M RJ45 ports
	Uplink Port	2 x 1000M Combo Port [2 Ethernet Ports and 2 SFP Ports]	2 x 1000M Combo Port [2 Ethernet Ports and 2 SFP Ports]	2 x 1000M Combo Port [2 Ethernet Ports and 2 SFP Ports]	4 x 1000Base-X SFP ports	2 x 1000Base-X SFP ports
	High Priority Port (default)	-	-	-	-	-
	POE Standards	IEEE 802.3af, IEEE802.3at	IEEE 802.3af, IEEE802.3at	IEEE 802.3af, IEEE802.3at	IEEE802.3af, IEEE802.3at	-
	PoE Ports	Ports 1-8	Ports 1-16	Ports 1-24	Ports 1-24	Ports 1-8
	PoE Budget	125W	300W	380W	380W	125W
	PoE Extend Mode	-	-	-	-	-
	Lightning Protection	2KV	2KV	2KV	2KV	2KV
Performance	Packet Forwarding Rate	5.6Mpps	8.4Mpps	9.6Mpps	42Mpps	15Mpps
	Switching Capacity	10Gbps	21.2Gbps	22.8Gbps	56Gbps	20Gbps
	MAC Address Table	8K	8K	8K	8K	8K
Managed Features	Quality of Service	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping
	L2 and L2+ Features	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation
	VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN
General	Security	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding.
	Management and Maintenance	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON
	Power Supply	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100V~240VAC, 50Hz±10%	100V~240VAC, 50Hz±10%
	Power Consumption	140W	330W	400W	395W	140W
	Dimension	280 mm × 179 mm × 45 mm	440 mm × 232 mm × 44 mm	440 mm × 232 mm × 44 mm	440 mm × 45 mm × 232 mm	280 mm × 45 mm × 179 mm

## Web-managed POE Series

Model	DS-3E1310P-E	DS-3E1318P-E	DS-3E1326P-E	DS-3E1510P-E	DS-3E1518P-E	DS-3E1526P-E
Image						
Interface	<p><b>Ethernet Port</b> 8 x 10/100Mbps RJ45 ports</p> <p><b>Uplink Port</b> 2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)</p> <p><b>High Priority Port (default)</b> Port 1 to 8</p> <p><b>POE Standards</b> IEEE 802.3af, IEEE802.3at</p> <p><b>PoE Ports</b> Ports 1-8</p> <p><b>PoE Budget</b> 123W</p> <p><b>PoE Extend Mode</b> Max. 250 m</p> <p><b>Hi-PoE</b> -</p> <p><b>Lightning Protection</b> 4 KV</p> <p><b>Long range</b> Support up to 250 m transmission</p>	<p><b>Ethernet Port</b> 16 x 10/100Mbps RJ45 ports</p> <p><b>Uplink Port</b> 2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)</p> <p><b>High Priority Port (default)</b> Port 1 to 8</p> <p><b>POE Standards</b> IEEE 802.3af, IEEE802.3at</p> <p><b>PoE Ports</b> Ports 1-16</p> <p><b>PoE Budget</b> 230W</p> <p><b>PoE Extend Mode</b> Max. 250 m</p> <p><b>Hi-PoE</b> -</p> <p><b>Lightning Protection</b> 4 KV</p> <p><b>Long range</b> Support up to 250 m transmission</p>	<p><b>Ethernet Port</b> 24 x 10/100Mbps RJ45 ports</p> <p><b>Uplink Port</b> 2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)</p> <p><b>High Priority Port (default)</b> Port 1 to 8</p> <p><b>POE Standards</b> IEEE 802.3af, IEEE802.3at</p> <p><b>PoE Ports</b> Ports 1-24</p> <p><b>PoE Budget</b> 370W</p> <p><b>PoE Extend Mode</b> Max. 250 m</p> <p><b>Hi-PoE</b> -</p> <p><b>Lightning Protection</b> 4 KV</p> <p><b>Long range</b> Support up to 250 m transmission</p>	<p><b>Ethernet Port</b> 8 × gigabit PoE ports</p> <p><b>Uplink Port</b> 2 × gigabit fiber optical ports</p> <p><b>High Priority Port (default)</b> -</p> <p><b>POE Standards</b> IEEE 802.3af, IEEE 802.3at</p> <p><b>PoE Ports</b> Ports 1 to 8</p> <p><b>PoE Budget</b> 110 W</p> <p><b>PoE Extend Mode</b> Max. 300 m</p> <p><b>Hi-PoE</b> -</p> <p><b>Lightning Protection</b> 6 KV</p> <p><b>Long range</b> Support up to 300 m transmission</p>	<p><b>Ethernet Port</b> 16 × gigabit PoE ports</p> <p><b>Uplink Port</b> 2 × gigabit fiber optical ports</p> <p><b>High Priority Port (default)</b> -</p> <p><b>POE Standards</b> IEEE 802.3af, IEEE 802.3at</p> <p><b>PoE Ports</b> Ports 1 to 16</p> <p><b>PoE Budget</b> 225 W</p> <p><b>PoE Extend Mode</b> Max. 300 m</p> <p><b>Hi-PoE</b> -</p> <p><b>Lightning Protection</b> 6 KV</p> <p><b>Long range</b> Support up to 300 m transmission</p>	<p><b>Ethernet Port</b> 24 × gigabit PoE ports</p> <p><b>Uplink Port</b> 2 × gigabit fiber optical ports</p> <p><b>High Priority Port (default)</b> -</p> <p><b>POE Standards</b> IEEE 802.3af, IEEE 802.3at</p> <p><b>PoE Ports</b> Ports 1 to 24</p> <p><b>PoE Budget</b> 370 W</p> <p><b>PoE Extend Mode</b> Max. 300 m</p> <p><b>Hi-PoE</b> -</p> <p><b>Lightning Protection</b> 6 KV</p> <p><b>Long range</b> Support up to 300 m transmission</p>
Dialing function	<p><b>Port isolation</b> -</p> <p><b>PoE watchdog</b> -</p>	<p><b>Port isolation</b> -</p> <p><b>PoE watchdog</b> -</p>	<p><b>Port isolation</b> -</p> <p><b>PoE watchdog</b> -</p>	<p><b>Port isolation</b> -</p> <p><b>PoE watchdog</b> Ports 1 to 8: auto detect and restart the cameras that do not respond</p>	<p><b>Port isolation</b> -</p> <p><b>PoE watchdog</b> Ports 1 to 16: auto detect and restart the cameras that do not respond</p>	<p><b>Port isolation</b> -</p> <p><b>PoE watchdog</b> Ports 1 to 24: auto detect and restart the cameras that do not respond</p>
Performance	<p><b>Packet Forwarding Rate</b> 1.34Mpps</p> <p><b>Switching Capacity</b> 5.4 Gbps</p> <p><b>MAC Address Table</b> 4K</p> <p><b>Quality of Service</b> FIFO [First-in First-out] SP [Strict Priority] WP [Weighted Priority]</p>	<p><b>Packet Forwarding Rate</b> 5.36Mpps</p> <p><b>Switching Capacity</b> 7.2 Gbps</p> <p><b>MAC Address Table</b> 4K</p> <p><b>Quality of Service</b> FIFO [First-in First-out] SP [Strict Priority] WP [Weighted Priority]</p>	<p><b>Packet Forwarding Rate</b> 6.55Mpps</p> <p><b>Switching Capacity</b> 8.8 Gbps</p> <p><b>MAC Address Table</b> 4K</p> <p><b>Quality of Service</b> FIFO [First-in First-out] SP [Strict Priority] WP [Weighted Priority]</p>	<p><b>Packet Forwarding Rate</b> 14.88 Mpps</p> <p><b>Switching Capacity</b> 20 Gbps</p> <p><b>MAC Address Table</b> 8 K</p> <p><b>Quality of Service</b> Support WRR and SP scheduling and port priority</p>	<p><b>Packet Forwarding Rate</b> 26.784 Mpps</p> <p><b>Switching Capacity</b> 36 Gbps</p> <p><b>MAC Address Table</b> 8 K</p> <p><b>Quality of Service</b> Support WRR and SP scheduling and port priority</p>	<p><b>Packet Forwarding Rate</b> 36.688 Mpps</p> <p><b>Switching Capacity</b> 52 Gbps</p> <p><b>MAC Address Table</b> 8 K</p> <p><b>Quality of Service</b> Support WRR and SP scheduling and port priority</p>
Managed Features	<p><b>L2 and L2+ Features</b> IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation</p>	<p><b>VLAN</b> Port VLAN, IEEE 802.1Q VLAN[Max. 31 groups can be configured]</p>	<p><b>VLAN</b> Port VLAN, IEEE 802.1Q VLAN[Max. 31 groups can be configured]</p>	<p><b>VLAN</b> Port VLAN, IEEE 802.1Q VLAN[Max. 31 groups can be configured]</p>	<p><b>VLAN</b> Support 128 VLANs.</p>	<p><b>VLAN</b> Support 128 VLANs.</p>
General	<p><b>Management and Maintenance</b> SNMP v1/v2 WEB management</p>	<p><b>Power Supply</b> 100~240 VAC, 50/60Hz</p>	<p><b>Power Supply</b> 100~240 VAC, 50/60Hz</p>	<p><b>Power Supply</b> 100~240 VAC, 50/60Hz</p>	<p><b>Power Supply</b> 48 VDC, 2.5 A</p>	<p><b>Power Supply</b> 100 to 240 VAC, 50/60 Hz, Max. 4 A</p>
	<p><b>Power Consumption</b> 150W</p>	<p><b>Dimension</b> 294 mm x 165.8 mm x 44 mm</p>	<p><b>Power Consumption</b> 250W</p>	<p><b>Dimension</b> 440 mm x 285 mm x 43 mm</p>	<p><b>Power Consumption</b> 440W</p>	<p><b>Dimension</b> 217.6 mm x 108.55 mm x 27.8 mm</p>
					<p><b>Power Consumption</b> 120 W</p>	<p><b>Dimension</b> 440 mm x 220.8 mm x 44 mm</p>
					<p><b>Power Consumption</b> 250 W</p>	<p><b>Dimension</b> 440 mm x 221 mm x 44 mm</p>
					<p><b>Power Consumption</b> 400 W</p>	

### Unmanaged POE Series

Model	DS-3E0106HP-E	DS-3E0310HP-E	DS-3E0105P-E(B)	DS-3E0109P-E(C)	DS-3E0318P-E(B)	DS-3E0326P-E(B)
Image	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>
Interface	<b>Ethernet Port</b> 1 × 10/100 Mbps Hi-PoE port, 3 × 10/100 Mbps PoE ports, and 2 × 10/100 Mbps RJ45 ports	1 × 10/100 Mbps Hi-PoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports	4 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port	8 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port	16 × 100 Mbps PoE ports, 2 × 1000 Mbps combos	24 × 100 Mbps PoE ports, 2 × 1000 Mbps combos
Dialing function	<b>Uplink Port</b> 2 × 10/100 Mbps RJ45 uplink ports	2 × 10/100/1000 Mbps RJ45 uplink ports	1 × 100 Mbps RJ45 uplink ports	1 × 100 Mbps RJ45 uplink ports	2 × 1000 Mbps Combos uplink ports	2 × 1000 Mbps Combos uplink ports
	<b>High Priority Port (default)</b> Ports 1 to 2	-	Ports 1 to 2	Ports 1 to 2	Ports 1 to 8	Ports 1 to 8
	<b>PoE Standards</b> Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 8: IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	<b>PoE Ports</b> Port 1 to 4	Port 1 to 8	Port 1 to 4	Port 1 to 8	Port 1 to 16	Port 1 to 24
	<b>PoE Budget</b> 60 W	110 W	60 W	115 W	230 W	370 W
	<b>Hi-PoE</b> IEEE 802.3bt 60W	IEEE 802.3bt 60W	-	-	-	-
	<b>PoE Extend Mode</b> Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m
	<b>Surge Protection</b> 6 KV	6 KV	6 KV	6 KV	6 KV	6 KV
	<b>Long range</b> Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission
	<b>Port isolation</b> -	-	-	-	-	-
	<b>PoE watchdog</b> -	-	-	-	-	-
Performance	<b>Packet Forwarding Rate</b> 0.893 Mpps	4.166 Mpps	0.744 Mpps	1.339 Mpps	5.356 Mpps	6.547 Mbits
	<b>Switching Capacity</b> 1.2 Gbps	5.6 Gbps	1 Gbps	1.8 Gbps	7.2 Gbps	8.8 Mpps
	<b>MAC Address Table</b> 2 K	16 K	1 K	2 K	4 K	4 K
	<b>Power Supply</b> 48 VDC, 1.35 A	48 VDC, 2.5 A	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
General	<b>Power Consumption</b> 65 W	120 W	65 W	120 W	250 W	400 W
	<b>Dimension</b> 145 mm × 25.6 mm × 68.45 mm	217.6 mm × 27.8 mm × 103.35 mm	105 mm × 27.6 mm × 83.1 mm	170 mm × 27.6 mm × 93.1 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 220.8 mm

Turbo HD Camera  
 Turbo HD PTZ Camera  
 DVRs Encoder  
 Network Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 KIT Thermal Monitor  
Switch  
 Cable Controller & Transmission  
 Accessories DORI Distance

## Industrial Grade POE Series

Model	DS-3T0306P	DS-3T0310P	DS-3T0306HP-E/HS																																																																																																													
Image																																																																																																																
Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at																																																																																																													
Interface	<table border="1"> <tr> <td>Ethernet Port</td><td>4 100M Base-T ports+2 1000Base-X ports</td><td>8 100M Base-T ports+2 1000Base-X ports</td><td>3 × 100M PoE ports, 1 × Hi-PoE port</td></tr> <tr> <td>Uplink Port</td><td>2 1000Base-X SFP ports</td><td>2 1000Base-X SFP ports</td><td>1 × gigabit RJ45 port and 1 × gigabit SFP Fiber Optical Port</td></tr> <tr> <td>High Priority Port (default)</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>PoE Budget</td><td>120w</td><td>240w</td><td>60 W</td></tr> <tr> <td>PoE Extend Mode</td><td>-</td><td>-</td><td>Max. 300 m</td></tr> <tr> <td>PoE Ports</td><td>Port 1 to 4</td><td>Port 1 to 8</td><td>Ports 1 to 4</td></tr> <tr> <td>Hi-PoE</td><td>-</td><td>-</td><td>IEEE 802.3bt 60W</td></tr> <tr> <td>Surge Protection</td><td>6KV</td><td>6KV</td><td>6KV</td></tr> <tr> <td>Long range</td><td>-</td><td>-</td><td>Ports 3 and 4: up to 300 m</td></tr> <tr> <td>Port isolation</td><td>-</td><td>-</td><td>Ports 1 to 4: port isolation mode to improve network security</td></tr> <tr> <td>PoE watchdog</td><td>-</td><td>-</td><td>Ports 1 to 4: auto detect and restart the cameras that do not respond</td></tr> <tr> <td>Packet Forwarding Rate</td><td>3.6Mpps</td><td>4.2Mpps</td><td>3.5712 Mpps</td></tr> <tr> <td>Switching Capacity/ Backplane</td><td>8.8Gbps</td><td>8.8Gbps</td><td>4.8 Gbps</td></tr> <tr> <td>MAC Address Table</td><td>4K</td><td>4K</td><td>2 K</td></tr> <tr> <td>Managed Features</td><td> <table border="1"> <tr> <td>Quality of Service</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>L2 and L2+ Features</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>VLAN</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>Security</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>Management and Maintenance</td><td>-</td><td>-</td><td>-</td></tr> </table> </td><td>DC:44-57VDC</td><td>48 to 57 VDC, 1.35 A Max</td></tr> <tr> <td>General</td><td> <table border="1"> <tr> <td>Power Supply</td><td>-</td><td>-</td><td>65 W</td></tr> <tr> <td>Power 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Model	DS-3T0310HP-E/HS	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS
Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>
Standards	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at
Ethernet Port	6 × 100M PoE ports, 2 × Hi-PoE port	3 × gigabit PoE ports, 1 × gigabit Hi-PoE port	6 × gigabit PoE RJ45 ports, 2 × gigabit Hi-PoE RJ45 ports
Uplink Port	1 × gigabit RJ45 port and 1 × gigabit SFP fiber optical port	2 × gigabit SFP fiber optical ports	2 × gigabit SFP fiber optical ports
High Priority Port (default)	-	-	-
PoE Budget	110 W	60 W	110 W
PoE Extend Mode	Max. 300 m	Max. 300 m	Max. 300 m
PoE Ports	Ports 1 to 8	Ports 1 to 4	Ports 1 to 8
Hi-PoE	IEEE 802.3bt 90W	IEEE 802.3bt 60W	IEEE 802.3bt 90W
Surge Protection	6KV	6KV	6KV
Long range	Ports 7 and 8: up to 300 m	Ports 3 and 4: up to 300 m	Ports 7 and 8: up to 300 m
Port isolation	Ports 1 to 8: port isolation mode to improve network security	Ports 1 to 4: port isolation mode to improve network security	Ports 1 to 8: port isolation mode to improve network security
PoE watchdog	Ports 1 to 8: auto detect and restart the cameras that do not respond	Ports 1 to 4: auto detect and restart the cameras that do not respond	Ports 1 to 8: auto detect and restart the cameras that do not respond
Packet Forwarding Rate	4.1664 Mpps	8.928 Mpps	14.88 Mpps
Switching Capacity/Backplane	5.6 Gbps	22 Gbps	20 Gbps
MAC Address Table	2 K	4 K	4 K
Quality of Service	-	-	-
L2 and L2+ Features	-	-	-
VLAN	-	-	-
Security	-	-	-
Management and Maintenance	-	-	-
Power Supply	48 to 57 VDC, 2.5 A Max	48 to 57 VDC, 1.35 A Max	48 to 57 VDC, 2.5 A Max
Power Requirements (max.)	120 W	65 W	120 W
Dimension	197 mm × 114.2 mm × 42.2 mm	158 mm × 101.2 mm × 31.6 mm	197 mm × 114.2 mm × 42.2 mm
Environment	Operating temperature / humidity: -30 °C to 65 °C [-22 °F to 149 °F], 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C [-40 °F to 185 °F], 5%-95% non-condensing	Operating temperature / humidity: -30 °C to 65 °C [-22 °F to 149 °F], 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C [-40 °F to 185 °F], 5%-95% non-condensing	Operating temperature / humidity: -30 °C to 65 °C [-22 °F to 149 °F], 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C [-40 °F to 185 °F], 5%-95% non-condensing
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EMI	FCC 47 CFR Part 15 Class A EN55022 Class A	FCC 47 CFR Part 15 Class A EN55022 Class A	FCC 47 CFR Part 15 Class A EN55022 Class A
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Turbo HD Camera | Turbo HD PTZ Camera | DVRS Encoder | Network Camera | PTZ Dome Camera | Panoramic Camera | NVR | KIT | Thermal Monitor | Switch | Cable Transmission | Controller & Accessories | Accessories | DORI Distance

## Smart Managed Series

Model	DS-3E1105P-EI	DS-3E1309P-EI	DS-3E1318P-EI	DS-3E1326P-EI	DS-3E1510P-EI	
Image	 Coming Soon	 Coming Soon	 Coming Soon	 Coming Soon	 Coming Soon	
Interface	<b>Ethernet Port</b>	4 × 100Mbps PoE RJ45 ports	8 × 100Mbps PoE RJ45 ports	16 × 100Mbps PoE RJ45 ports	24 × 100Mbps PoE RJ45 ports	8 × gigabit PoE RJ45 ports
	<b>Uplink Port</b>	1 × 100Mbps network RJ45 port	1 × gigabit network RJ45 port	2 × gigabit combos	2 × gigabit combos	2 × gigabit fiber optical ports
	<b>High Priority Port (default)</b>	-	-	Ports 1 to 8	Ports 1 to 8	-
	<b>PoE Standards</b>	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	<b>PoE Ports</b>	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24	Ports 1 to 8
	<b>PoE Budget</b>	60 W	110 W	230 W	370 W	110 W
	<b>Hi-PoE</b>	-	-	-	-	-
	<b>PoE Extend Mode</b>	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 300 m
	<b>Surge Protection</b>	6KV	6KV	6KV	6KV	6KV
	<b>Long range</b>	Ports 1 to 4: up to 250 m transmission	Ports 1 to 8: up to 250 m transmission	Ports 1 to 16: up to 250 m transmission	Ports 1 to 24: up to 250 m transmission	Ports 1 to 8: up to 300 m transmission
Dialing function	<b>Port isolation</b>	-	-	-	-	-
	<b>PoE watchdog</b>	-	-	-	-	Ports 1 to 8: auto detect and restart the cameras that do not respond
	<b>Packet Forwarding Rate</b>	0.744 Mpps	2.6784 Mpps	5.3568 Mpps	6.5472 Mpps	14.88 Mpps
	<b>Switching Capacity</b>	1 Gbps	3.6 Gbps	7.2 Gbps	8.8 Gbps	20 Gbps
Performance	<b>MAC Address Table</b>	2 K	16 K	4 K	4 K	8 K
	<b>Power Supply</b>	48 VDC, 1.35 A	48 VDC, 2.5 A	100-240 VAC, 50/60Hz, Max. 2.5 A	100-240 VAC, 50/60Hz, Max. 6.5 A	48 VDC, 2.5 A
	<b>Power Consumption</b>	65 W	120 W	250 W	400 W	120 W
	<b>Dimension</b>	105 mm × 27.6 mm × 83.1 mm	170 mm × 27.6 mm × 93.1 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 221 mm	217.6 mm × 108.55 mm × 27.8 mm

Model	DS-3E1518P-EI	DS-3E1526P-EI	DS-3E1508-EI	DS-3E1516-EI	DS-3E1524-EI	
Image	 	 	 	 	 	
Interface	<b>Ethernet Port</b>	16 × gigabit PoE RJ45 ports	24 × gigabit PoE RJ45 ports	8 × gigabit fiber optical ports	16 × gigabit fiber optical ports	24 × gigabit fiber optical ports
	<b>Uplink Port</b>	2 × gigabit fiber optical ports	2 × gigabit fiber optical ports	-	-	-
	<b>High Priority Port (default)</b>	-	-	-	-	-
	<b>PoE Standards</b>	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	-	-	-
	<b>PoE Ports</b>	Ports 1 to 16	Ports 1 to 24	-	-	-
	<b>PoE Budget</b>	225 W	370 W	-	-	-
	<b>Hi-PoE</b>	-	-	-	-	-
	<b>PoE Extend Mode</b>	Max. 300 m	Max. 300 m	Max. 250 m	Max. 250 m	Max. 250 m
	<b>Surge Protection</b>	6KV	6KV	-	-	-
Dialing function	<b>Long range</b>	Ports 1 to 16: up to 300 m transmission	Ports 1 to 24: up to 300 m transmission	Ports 1 to 8: up to 250 m transmission	Ports 1 to 16: up to 250 m transmission	Ports 1 to 24: up to 250 m transmission
	<b>Port isolation</b>	-	-	-	-	-
	<b>PoE watchdog</b>	Ports 1 to 16: auto detect and restart the cameras that do not respond	Ports 1 to 24: auto detect and restart the cameras that do not respond	-	-	-
Performance	<b>Packet Forwarding Rate</b>	26.784 Mpps	36.688 Mpps	11.904 Mpps	23.808 Mpps	35.712 Mpps
	<b>Switching Capacity</b>	36 Gbps	52 Gbps	16 Gbps	32 Gbps	48 Gbps
	<b>MAC Address Table</b>	8 K	8 K	4 K	8 K	8 K
General	<b>Power Supply</b>	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A	5 VDC, 1 A	220 VAC, 50/60 Hz, Max. 0.3 A	220 VAC, 50/60 Hz, Max. 0.7 A
	<b>Power Consumption</b>	250 W	400 W	5 W	10 W	13 W
	<b>Dimension</b>	440 mm × 220.8 mm × 44 mm	440 mm × 221 mm × 44 mm	170 mm × 27.6 mm × 93.1 mm	257 mm × 44.5 mm × 175.8 mm	335 mm × 44.5 mm × 175.8 mm

Turbo HD Camera PTZ Camera Camera Encoder Network Camera PTZ Dome Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

# Switches

## Value Series

### Switch On and Stay On

Provide stable power supply and data transmission for cameras.

- Layer 2, 100 M / 1,000 M network switch
- Plug and play
- 802.3 af / at PoE standard (on select models)
- 8/4-core adaptable power supply drastically reduces power loss (on select models)
- EXTEND mode increases transmission distances to 300 m (on select models)
- Intelligent power sequencing prevents random power loss for cameras and prolongs service life of switches (on select models)
- Increased bandwidth enables stable transmission of larger amount of data



### Economic Unmanaged POE Series

Model	DS-3E0105P-E/M(B)	DS-3E0106P-E/M	DS-3E0109P-E/M(B)	DS-3E0310P-E/M	DS-3E0318P-E/M(B)	DS-3E0326P-E/M(B)
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Interface	<b>Ethernet Port</b>	4 x 100M PoE ports, 1 x 100M Ethernet port.	4 x 10/100Mbps PoE ports	8 x 100 Mbps PoE ports, 1 x 100 Mbps Ethernet port	8 x 10/100Mbps PoE ports	16 x 100 Mbps PoE ports, 1 x 1000 Mbps RJ45 port
	<b>Uplink Port</b>	1 x 100M RJ45 uplink port	2 x 10/100Mbps RJ45 ports	1 x 100M RJ45 uplink port	2 x Gigabit RJ45 ports	1 x 1000M RJ45 uplink port and 1 x 1000 Mbps SFP fiber optical port
	<b>High Priority Port (default)</b>	Port 1 to 2	Port 1 to 2	Port 1 to 2	-	Port 1 to 8
	<b>PoE Standards</b>	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	<b>PoE Ports</b>	Ports 1 to 4	Ports 1 to 4	Ports 1 to 8	Ports 1 to 8	Ports 1 to 16
	<b>PoE Budget</b>	35 W	35W	60 W	60 W	130 W
	<b>Hi-PoE</b>	-	-	-	-	-
	<b>PoE Extend Mode</b>	Max. 250 m	Max. 300 m	Max. 250 m	Max. 300 m	Max. 250 m
Dialing function	<b>Lightning Protection</b>	6 KV	6KV	6 KV	6KV	6 KV
	<b>Long range</b>	Ports 1 and 4: up to 250 m	Ports 1 and 4: up to 300 m	Ports 1 and 8: up to 250 m	Ports 1 and 8: up to 300 m	Ports 9 and 16: up to 250 m
	<b>Port isolation</b>	-	-	-	-	-
Performance	<b>PoE watchdog</b>	-	-	-	-	-
	<b>Packet Forwarding Rate</b>	0.744 Mpps	0.8928 Mpps	1.339 Mpps	4.1664 Mpps	5.356 Mpps
	<b>Switching Capacity</b>	1 Gbps	1.6 Gbps	1.8 Gbps	5.6 Gbps	7.2 Gbps
General	<b>MAC Address Table</b>	1 K	4K	2 K	16 K	4 K
	<b>Power Supply</b>	48 VDC, Max. 0.8 A	48V 0.8A	48 VDC, Max. 1.35 A	48 VDC, 1.35 A	100 to 240 VAC, 50/60 Hz, Max. 2.5 A
	<b>Power Consumption</b>	38 W	38W	65 W	65W	150 W
	<b>Dimension</b>	105 mm × 27.6 mm × 83.1 mm	145 mm × 68.45 mm × 25.6 mm	170 mm × 27.6 mm × 93.1 mm	217.6 mm × 103.35 mm × 27.8 mm	266 mm × 44.5 mm × 220.8 mm

Turbo HD Camera  
 Turbo HD PTZ Camera  
 DVRs Encoder  
 Network Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR  
 KIT Thermal Monitor  
**Switch**  
 Cable Controller & Transmission  
 Accessories DORI Distance

### Unmanaged 1000M PoE Series

Model	DS-3E0505HP-E	DS-3E0510HP-E	DS-3E0520HP-E	DS-3E0528HP-E
Image	 NEW	 NEW	 NEW	 NEW
Interface	<b>Ethernet Port</b> 4 × Gigabit PoE ports <b>Uplink Port</b> 1 × Gigabit RJ45 port <b>High Priority Port (default)</b> - <b>PoE Standards</b> IEEE 802.3af, IEEE 802.3at <b>PoE Ports</b> Ports 1 to 4 <b>PoE Budget</b> 35 W <b>Hi-PoE</b> - <b>PoE Extend Mode</b> - <b>Lightning Protection</b> 6KV <b>Long range</b> -	8 × Gigabit PoE ports 1 × Gigabit RJ45 port, 1 × Gigabit SFP fiber optical port - IEEE 802.3af, IEEE 802.3at Ports 1 to 8 58 W - - 6KV - - <b>Port isolation</b> - <b>PoE watchdog</b> -	16 × Gigabit PoE ports 2 × Gigabit SFP fiber optical ports - IEEE 802.3af, IEEE 802.3at Ports 1 to 16 125 W - - 6KV - - <b>Packet Forwarding Rate</b> 7.44 Mpps	24 × Gigabit PoE ports 2 × Gigabit SFP fiber optical ports - IEEE 802.3af, IEEE 802.3at Ports 1 to 24 225 W - - 6KV - - <b>Switching Capacity</b> 10 Gbps <b>MAC Address Table</b> 2 K <b>Power Supply</b> 48 VDC, 0.8 A
Performance	<b>Packet Forwarding Rate</b> 14.88 Mpps	20 Gbps 4 K	26.784 Mpps	38.688 Mpps 36 Gbps 8 K
General	<b>Power Consumption</b> 38 W <b>Dimension</b> 105 mm × 27.6 mm × 83.1 mm	65 W 217.6 mm × 27.8 mm × 108.55 mm	150 W 440 mm × 44 mm × 220.8 mm	250 W 440 mm × 44 mm × 220.8 mm

### Unmanaged Desktop Series

Model	DS-3E0105D-E	DS-3E0108D-E	DS-3E0505D-E	DS-3E0508D-E
Image	 NEW	 NEW	 NEW	 NEW
Interface	<b>Ethernet Port</b> 5 × 10/100 Mbps RJ45 ports <b>Uplink Port</b> - <b>Lightning Protection</b> - <b>Packet Forwarding Rate</b> 0.744 Mpps	8 × 10/100 Mbps RJ45 ports - - 1.1904 Mpps	5 × 10/100/1000 Mbps RJ45 ports - - 7.44 Mpps	8 × 10/100/1000 Mbps RJ45 ports - - 11.904 Mpps
Performance	<b>Switching Capacity</b> 1 Gbps <b>MAC Address Table</b> 1 K <b>Power Supply</b> 5 VDC, 0.6 A	1.6 Gbps 1 K 5 VDC, 0.6 A	10 Gbps 2 K 5 VDC, 0.6 A	16 Gbps 4 K 9 VDC, 0.6 A
General	<b>Power Consumption</b> - <b>Dimension</b> 82 mm × 52 mm × 22.4 mm	- 124 mm × 59 mm × 23.2 mm	- 92.8 mm × 65.8 mm × 22.8 mm	- 142 mm × 90 mm × 23 mm

# Cables

176 Coaxial Cables

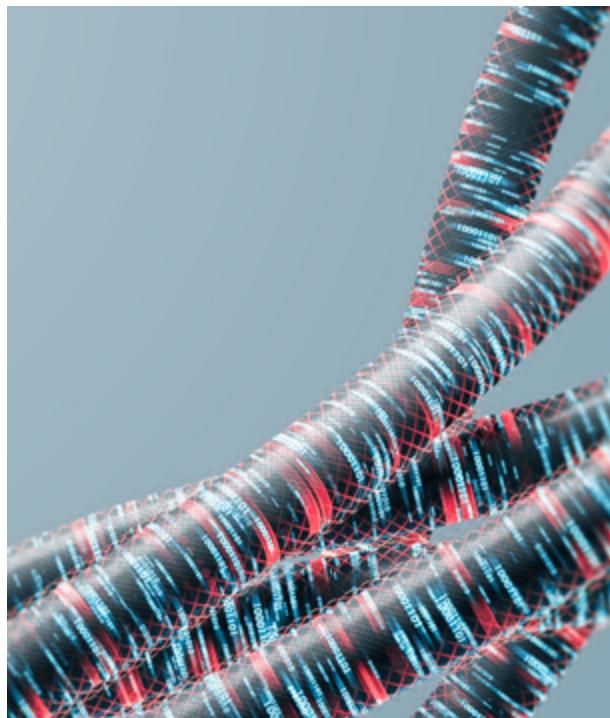
177 Network Cables



# Cables

## Coaxial Cables

- Excellent transmission performance for analog signal
- Oxygen-free copper conductor
- High braiding density with aluminum foil
- VW-1 Rating(Part of UL) flame resistance
- High anti-interference ability
- Full diameter and full length



Model	DS-1LC1SCA2C-200B		DS-1LC1SCA-200B
Image	 HOT		 HOT
Conductor	<b>Material</b>	Solid Copper	Solid Copper
	<b>Wire Gauge</b>	20AWG	20AWG
Insulation	<b>Diameter</b>	0.81 ± 0.01 mm	0.81 ± 0.01 mm
	<b>Material</b>	FPE	FPE
Tape	<b>Diameter</b>	3.66 ± 0.05 mm	3.66 ± 0.05 mm
	<b>Material</b>	Shielding Aluminum Foil, 15 mm width	Shielding Aluminum Foil, 15 mm width
Braid	<b>Thickness</b>	0.04 mm	0.04 mm
	<b>Material</b>	CCA(Copper-clad Aluminum)	CCA(Copper-clad Aluminum)
Jacket	<b>Braiding Standard</b>	8*16*0.12 mm	8*16*0.12 mm
	<b>Braiding Density</b>	95±1%	95±1%
Impedance	<b>Material</b>	PVC	PVC
	<b>Average Thickness</b>	≥ 0.65 mm	≥ 0.65 mm
Impedance	<b>Diameter</b>	6.10 ± 0.2 mm	6.10 ± 0.2 mm
	<b>Impedance</b>	75 ohms	75 ohms
General			
<b>Length</b>	200 m		200 m
<b>Color</b>	Black		Black
<b>Operating Temperature</b>	-40 to 80°C		-40 to 80°C
<b>Storage Temperature</b>	-20 to 70°C		-20 to 70°C
Power Cable			
Conductor	<b>Material</b>	Solid copper	-
	<b>Quantity</b>	2	-
Insulation	<b>Diameter</b>	7 * 0.385 ± 0.01 mm	-
	<b>Material</b>	PE (Flame Retardant)	-
Jacket	<b>Diameter</b>	1.8 ± 0.1 mm	-
	<b>Material</b>	PVC	-
	<b>Average Thickness</b>	≥ 0.3 mm	-

## Cables

# Network Cables

- 99.95% Cu purity ensures higher conductivity with lower signal transmission attenuation
  - 0.565 mm wire diameter provides more stable transmission with reduced resistance
  - Flame-retardant sheathing resists fire, stretching, and aging
  - Precise twisting technology improves transmission fluidity



Model	DS-1LN5E-S	DS-1LN6-UU
Image	 <span style="color: orange;">• HOT</span>	 <span style="color: orange;">• HOT</span>
Test Standard	ISO/IEC11801,TIA-568-C.2, YD/T1019	ISO/IEC11801,TIA-568-C.2, YD/T1019
Conductor	Material	Solid-Bare Copper
	Nom.O.D.	0.500 ± 0.005 mm
Insulation	Material	HDPE
	Diameter	0.88 ± 0.03 mm
	Thickness	0.50 ± 0.05 mm
Sheath	External O.D.	5.0 ± 0.4 mm
	Surface	Clean,Frap,Satiation
	Material	PVC,CM
Core Color	Color	Multiple
		1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown
Packing	Wooden Tray & Carton	Wooden Tray & Carton
Carton Dimension	Per request	Per request
Packing Length	[305 ± 1.5] m	[305 ± 1.5] m
Rip-cord	Yes	Yes
		Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150
		Aging Period[°C×hrs] 100°C×24h×10d
Sheath Physical Properties		After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125
		Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150
		Aging Period[°C×hrs] 100°C×24h×10d
		After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125
		Cold bend(-20±2°C×4h) 8×Cable O.D.,No visible cracks
Electrical Characteristics		Cold bend(-20±2°C×4h) 8×Cable O.D.,No visible cracks
	1.0~100.0 MHz Impedance[Ω] 100±15	1.0~250.0MHz Impedance [Ω] 100±15
	1.0~100.0 MHz Delay Skew (ns/100m) ≤45	1.0~250.0 MHz Delay Skew [ns/100m] ≤45
	DC Resistance[Ω/100m] max 9.5	DC Resistance [Ω/100m] max 9.38
	DC Conductor Resistance Unbalance[%] max 5.0	DC Conductor Resistance Unbalance [%] max 5.0
Ambient temperature	-20°C to 75°C	20°C to 75°C

Model	DS-1LN5EU-G/CCA	DS-1LN6U-W/CCA	DS-1LN5E-E/E	DS-1LN6-UE-W	DS-1LN6U-G	DS-1LN5E0-UU/E
Image						
Test Standard	-	-	ISO/IEC11801, TIA-568-C.2, YD/T1019	ISO/IEC11801, TIA-568-C.2 , YD/T1019	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0	ANSI/TIA-568-C.2
Conductor	Material	CCA(Copper content: 23%)	CCA(Copper content: 27%)	SOLID-Bare Copper	Solid-Bare Copper	Solid-Bare Copper
Insulation	Nom.O.D.	0.500 ± 0.01 mm	0.585 ± 0.01 mm	0.450 ± 0.005 mm	0.530 ± 0.005 mm	0.55 ± 0.005 mm
	Material	Solid HDPE	Solid HDPE	HDPE	HDPE	HDPE
Sheath	Diameter	0.95 ± 0.05 mm	1.05 ± 0.05 mm	0.82 ± 0.03 mm	0.95 ± 0.03 mm	0.98 ± 0.05 mm
	Thickness	0.50 ± 0.05 mm	0.50 ± 0.05 mm	0.50 ± 0.05 mm	0.55 ± 0.05 mm	0.50 ± 0.10 mm
Sheath	External O.D.	5.0 ± 0.2 mm	6.0 ± 0.30 mm	4.7 ± 0.4 mm	5.8 ± 0.4 mm	6.00 ± 0.30 mm
	Surface	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation
Core Color	Material	FR-PVC(complies RoHS)	FR-PVC(complies RoHS)	PVC,CM	PVC	PE
	Color	Gray RAL7037	White RAL9003	Grey ZLC1003	White	Grey
Packing	Core Color	1 Blue & White/ Blue 2 Orange & White/ Orange 3 Green & White/ Green 4 Brown & White/ Brown	1 Blue & White/ Blue 2 Orange & White/ Orange 3 Green & White/ Green 4 Brown & White/ Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown
	Carton Dimension	Carton	Carton	Wooden Tray & Carton	Wooden Tray & Carton	Wooden Tray & Carton
Packing Length	Per request	Per request	Per request	Per request	Per request	Per request
	(305 ± 1.5) m	(305 ± 1.5) m	(305 ± 1.5) m	(305 ± 1.5) m	(305 ± 1.5) m	(305±0.5)m
Rip-cord	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥ 13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥ 10 Elongation[%] ≥300
	Aging Period[°C×hrs] 100°C×24h×7d	Aging Period[°C×hrs] 100°C×24h×7d	Aging Period[°C×hrs] 100°C×24h×10d	Aging Period[°C×hrs] 100°C×24h×10d	Aging Period[°C×hrs] 100°C×24h×10d	Aging Period[°C×hrs] 100°C×24h×10d
Sheath Physical Properties	After Aging Tensile Strength[Mpa] ≥12.5, variance ratio:±25% Elongation[%] ≥125, variance ratio:±20%	After Aging Tensile Strength[Mpa] ≥12.5, variance ratio:±25% Elongation[%] ≥125, variance ratio:±20%	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125
	Cold bend[-20±2°C×4h] 8×Cable O.D.,No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D.,No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks
Electrical Characteristics	1.0-100.0 MHz Impedance[Ω] 100±15 100 - 250 MHz Impedance[Ω] 100±25	1.0-100.0 MHz Impedance[Ω] 100±15 100 - 250 MHz Impedance[Ω] 100±25	1.0-100.0 MHz Impedance[Ω] 100±15	1.0-250.0 MHz Impedance [Ω] 100 ± 15 @ ≤ 100 MHz ;100 ± 25 @100-250 MHz	1.0-250.0 MHz Impedance [Ω] 100 ± 15 @ ≤ 100 MHz ;100 ± 25 @100-250 MHz	1.0-100.0 MHz Impedance[Ω] 100±15
	1.0-100.0 MHz Delay Skew [ns/100m] ≤45	1.0-100.0 MHz Delay Skew [ns/100m] ≤45	1.0-100.0 MHz Delay Skew [ns/100m] ≤45	1.0-250.0 MHz Delay Skew [ns/100m] ≤45	1.0-250.0 MHz Delay Skew [ns/100m] ≤45	1.0-100.0MHz Delay Skew [ns/100m] 552
	DC Resistance[Ω/100m] max 15.3	DC Resistance[Ω/100m] max 12	DC Resistance[Ω/100m] max 14.8	DC Resistance [Ω/100m] max 9.38	DC Resistance [Ω/100m] max 9.38	DC Resistance[Ω/100m] max 9.5
	DC Conductor Resistance Unbalance[%] max 2	DC Conductor Resistance Unbalance[%] max 2	DC Conductor Resistance Unbalance[%] max 5.0	DC Conductor Resistance Unbalance [%] max 5.0	DC Conductor Resistance Unbalance [%]max 5.0	DC Conductor Resistance Unbalance [%]max 2.0
Ambient temperature	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 75°C	-20°C to 75°C	-20°C to 60°C

# Controller & Transmission

180 Keyboards

182 Wireless Bridges



## Controller & Transmission

### Keyboards

#### Control at Your Fingertips

- Connection via network, RS485, or USB port
- PTZ control via joystick
- Access to Hikvision products, including DVRs, NVRs, IP cameras, Decoders, etc.



Model	DS-1006KI	DS-1005KI	DS-1200KI	DS-1100KI(B)	DS-1600KI(B)
Image					
System	<b>Operating System</b>	-	-	-	Android
	<b>Compatible System</b>	-	Window XP/7/8/8.1	-	-
	<b>LCD screen</b>	128 x 64 pixel screen	-	128 x 64 pixel screen	7" TFT LCD monitor with touch panel, Resolution: 1024 x 600
	<b>Joystick</b>	4-axis joystick	3-axis control, rotating zoom	4-axis joystick	4-axis joystick
	<b>Control Mode</b>	RS-232, RS-422, RS-485	-	Network, RS-232, RS-422, RS-485	IP-based
	<b>Local Decoding</b>	-	-	-	Local live view at 1080P/720P/HD1/BCIF/CIF/QCIF resolution, and up to 16-division window display
Interfaces	<b>Audio Input</b>	-	-	-	1-ch, 3.5 mm connector [2.0 Vp-p, 1 kΩ]
	<b>Audio Output</b>	-	-	-	1-ch, 3.5 mm connector [Linear, 560 Ω]
	<b>Network Interface</b>	-	-	1: 10 M/100 Mbps self-adaptive Ethernet interface	1 10M/100M/1000M Ethernet interface
	<b>Wi-Fi</b>	-	-	-	Supported
	<b>Serial Interface</b>	1 RS-232, 1 RS-422, 1 RS-485	-	1 RS-232, 1 RS-422, 1 RS-485	1 RS-232 interface, 1 RS-485 interface
	<b>Video Interface</b>	-	-	-	HDMI, DVI
General	<b>USB Interface</b>	1 × USB 2.0	1 × USB 2.0, DirectX	1 × USB 2.0	1 × USB2.0 (for data storage and device upgrade)
	<b>Power Supply</b>	12 VDC	5 VDC via USB	12 VDC	12 VDC /POE
	<b>Power Consumption</b>	≤ 4.5 W	≤ 5W	≤ 4.5 W	≤ 15W
	<b>Working Temperature</b>	-10 to +55° C (14 to 131° F)	-10°C - 55°C (14°F - 131°F)	-10 to +55° C (14 to 131° F)	-10°C - 55°C (14°F - 131°F)
	<b>Working Humidity</b>	10% to 90%	10%-90% (Non-condensing)	10% to 90%	10% - 90%
	<b>Dimension (W × D × H)</b>	435 × 193 × 110 mm	167×177.5×116mm	435 × 193 × 110 mm	404 × 180 × 163 mm
	<b>Weight</b>	≤ 1 kg (2.2 lb)	-	≤ 1 kg (2.2 lb)	2 kg (4.4 lb)
					1.7 kg

# Wireless Bridges

## Slick and Stylish Communications

Wireless Bridges create cordless communication between two or more networks.

- › High performance 802.11n 2x2 MIMO chip

- › TDMA, intelligent rate control, Auto ACK Time-out adjust

- › Unique RF and antenna design

- › Web-based operation selection makes installation and setup much easier



Model	DS-3WF0AC-2NT	DS-3WF01C-2N	DS-3WF01C-2N/0	DS-3WF02C-5N/0	DS-3WF03C
Image	 <span style="color:red;">NEW</span>		 <span style="color:red;">NEW</span>	 <span style="color:red;">NEW</span>	
Wireless	<b>Standard</b>	IEEE 802.11 b/g/n	IEEE802.11 b/g/n(2T2R 300Mbps)	IEEE 802.11 b/g/n	IEEE802.11 a/n
	<b>Operation Frequency</b>	2412-2472 MHz	2412 to 2472 MHz	2.4 GHz	5180-5825 MHz
	<b>Modulation Mode</b>	-	-	-	802.11 a/n: OFDM
	<b>Antenna</b>	Internal, Gain 8 dBi, Horizontal: 60° Vertical: 30°	Internal, 6dBi, H: 65° V: 60°	Internal, Gain: 12 dBi, Horizontal: 60° Vertical: 30°	Gain: 10 dBi, H: 60°, V: 16°
	<b>Max Output Power</b>	20 dBm	27dBm	27 dBm	27dBm
	<b>Receive Sensitivity</b>	-92±1.5 dBm@1 Mbps, -72±1.5 dBm@MSC7	-72dBm@65Mbps, -97dBm@1Mbps	-96±1.5 dBm@1 Mbps, -72±1.5 dBm@MCS7	-85 dBm@MCS0, -67 dBm@MCS7
	<b>Max Transmission Rate</b>	300 Mbps	11n: 300Mbps[HT40]/130Mbps[HT20] 11g: 54Mbps	150 Mbps	300 Mbps 11n: 300Mbps[HT40]/130Mbps[HT20] 11a: 54Mbps
	<b>Power Supply</b>	12 V/1 A passive PoE or 12 V/1 A DC	48V/0.25A PoE or 12 VDC	12 V/1 A Passive PoE	24 V/0.5 A Passive PoE
	<b>Interface</b>	10/100 M Base-TX × 1	3×10/100M Base-TX (Cat. 5/5E, RJ45) ports	10/100 Mbps Base-TX × 2	10/100 Mbps Base-TX × 2
	<b>Operation Temperature</b>	-30°C ~ 55°C (-22°F ~131°F)	-30°C to +65°C(-22°F to +149°F )	-30°C ~ 60°C (-22°F ~140°F)	-30°C ~75°C (-22°F ~167°F)
Hardware	<b>Storage Temperature</b>	-30°C ~ 55°C (-22°F ~131°F)	-40°C to +85°C(-40°F to +185°F )	-30°C ~ 70°C (-22°F ~158°F)	-40°C ~85°C (-40°F ~185°F)
	<b>Operation Humidity</b>	10% ~ 90% RH (non-condensing)	5% to 95%RH non-condensing	10% ~ 90% RH (non-condensing)	5% ~95%RH non-condensing
	<b>Dimensions</b>	193.5 mm × 80 mm × 67.5 mm	150 mm × 150 mm × 31.6 mm [5.9 × 5.9 × 1.24 inch]	270 mm × 94.86 mm × 67.5 mm	200 mm × 98.8 mm × 45.5 mm [7.9 × 3.9 × 1.8 in] 270 mm × 40 mm × 88 mm [10.6 × 1.57 × 3.46 inch]
	<b>Encryption</b>	WPA-PSK/WPA2-PSK	WPA-PSK/WPA2-PSK	WPA-PSK/WPA2-PSK	802.1x/WPA-PSK/WPA2-PSK
	<b>Network Mode</b>	-	Router/Bridge	-	Router/Bridge
	<b>Operation Mode</b>	-	-	-	Access Point, Station, WDS Access Point, WDS Station
	<b>Security</b>	IP/MAC filter, SSID hidden	IP/MAC filter, SSID hidden, Interface Isolation	IP/MAC filter, SSID hidden	IP/MAC filter, SSID hidden
	<b>Network Protocol</b>	TCP/UDP/ARP/ICMP/HTTP/NTP	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP	TCP/UDP/ARP/ICMP/HTTP/NTP	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP
	<b>TDMA</b>	-	Support (Extend private communication protocol)	Support (Extend private communication protocol)	Support (Avoid 802.11 hidden node problems, and improve point-to-multi-point performance)
	<b>Auto ACK Timing Adjust</b>	-	Support	-	Support
Controller & Transmission	<b>Management and Logs</b>	NTP, Syslog, SNMP	NTP, Syslog, Telnet, AC	NTP, Syslog, SNMP	NTP, Syslog, Telnet, AC
	<b>Web Based Configuration</b>	Support	Support	Support	Support
	<b>Firmware Update</b>	Support update firmware by Web page	Support update firmware by Web page	Support update firmware by Web page	Support update firmware by Web page
	<b>Bandwidth</b>	20 M/40 MHz	20M/40MHz	20 M/40 MHz	5M/10M/20M/40MHz

Turbo HD Camera  
 PTZ Dome Camera  
 Panoramic Camera  
 NVR Monitor  
 KIT Thermal Monitor  
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# Accessories

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Accessories

## Brackets and Housings



## Turbo HD Analog Camera

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings					
		Indoor			Indoor housing		Outdoor housing
	DS-2CC12D9T-A DS-2CC12D9T-E						
	DS-2CE37U8T-A	DS-1299ZJ	DS-1280ZJ-XS	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ Series
		Pendant mount	Junction box	Wall mount	Indoor housing	Indoor housing	Outdoor housing
		Hik white Aluminum Alloy 77x77x198mm 165g	Hik white Aluminum Alloy Φ100 x 43.2 x 129mm 320g [Match up with DS-1299ZJ]	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white Aluminum alloy 288x149x100mm 800g	Hik white Complex fiber 290x142x92mm 640g	Hik white Aluminum alloy

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings--- Indoor/Outdoor					
	DS-2CE15A2P(N)-VFIR3						
	DS-2CC12A2P-ITS DS-2CE16C2T-ITS	DS-1275ZJ-SUS	DS-1280ZJ-S	DS-1260ZJ	DS-1276ZJ-SUS		
							
		Hik white Stainless steel 127x46x250mm Diameter of clamp: Φ67-127mm 1480g	Hik white Aluminum alloy Φ137 x 53.4 x 164.8mm 527g	Hik White Aluminum alloy Φ88.5 mm 251g	Hik white Stainless steel 126x105x250mm 2280g		

Appearance	Model	Appearance	Model	Appearance	Model	Appearance	Model
	DS-2CE16C0T-IR(F) DS-2CE16C2T-IR DS-2CE16D0T-IR(F)/E DS-2CE16D0T-13F DS-2CE16D3T-13F DS-2CE16D0T-12FD DS-2CE16D0T-12FB		DS-2CE16D0T-ITF(P)		DS-2CE10HFT-F		DS-2CE16H0T-IT1/3/5F(C)
	DS-2CE16C0T-IRP(F) DS-2CE16C2T-IRP DS-2CE16D0T-IRP(F)/E DS-2CE16D0T-IR(F)/C DS-2CE16D3T-IR(F)/C DS-2CE16D3T-13PF DS-2CE16D0T-12PFD DS-2CE16D0T-12FB		DS-2CE16D0T-IT1(P)(F)(E) DS-2CE16H5T-IT1(P)(E) DS-2CE16H0T-IT1(P)F		DS-2CE12D0T-PIRL(0) DS-2CE12H0T-PIRL(0) DS-2CE18U0T-IT3 DS-2CE12D0T-PIRL(0)		DS-2CE16D0T-IT1(F)/IT3(F)/IT5(F)/C
	DS-2CE16C2T-IT1/IT3		DS-2CE17U0T-IT		DS-2CE12DFT-F		DS-2CE17H0T-IT1/3/5F
	DS-2CC12D9T-IT3E/IT5E DS-2CE16C0T-IT1(F)/IT3(F)/IT5(F) DS-2CE16D0T-IT1(F)(E)/IT3(F)(E)/IT5(F)(E) DS-2CE16D8T-IT1(F)(E)/IT3(F)(E)/IT5(F)(E) DS-2CE16H5T-IT1(E)/IT3(E)/IT5(E) DS-2CE16H0T-IT1/3/5F(E)		DS-2CE11D0T-PIRL(P)(0) DS-2CE11H0T-PIRL(P)(0) DS-2CE11D0T-PIRL(P)(0)		DS-2CE12HFT-F		DS-2CE17D0T-IT1/3/5F DS-2CE17D0T-IT1/3/5
					DS-2CE16D0T-ITPF DS-2CE16H0T-ITPF(C) DS-2CE16D0T-EXIPF		DS-2CE12DFT-PIRXOF DS-2CE12D0T-PIRXOF
					DS-2CE16D0T-ITF DS-2CE16H0T-ITF(C) DS-2CE16D0T-EXIF		

Appearance	Model	Recommended brackets for Hikvision analog camera							
		Relevant brackets and housings--- Indoor/Outdoor							
	DS-1280ZJ-XS	Junction Box					Hik white Aluminum Alloy Φ100 x 43.2 x 129mm 320g		
	DS-2CE16C8T-IW3Z								
		DS-1293ZJ Wall mount  Hik white Aluminum alloy 88x116.6x297.3mm 473g	DS-1275ZJ-SUS Vertical pole mount  Hik white Stainless Steel 127x46x250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount DS-1293ZJ-XX(B)	DS-1269ZJ Pendant mount  Hik white Aluminum alloy 49.3x246x88mm 480g	DS-1233ZJ Column mount  Hik white Steel Φ160 x 1093mm 6200g	DS-1232ZJ Cardan joint  Hik white Steel 126x103.5x83mm 790	DS-1232ZJ-T Cardan joint  Hik white Steel 96x95x92.5mm		Hik white Stainless Steel 126x105x250mm 2280g Match up with wall mount DS-1293ZJ-XX(B)

Appearance	Model	Recommended brackets for Hikvision analog camera				
		Relevant brackets and housings--- Indoor/Outdoor				
	DS-2CC12D9T-AIT3ZE DS-2CE16D8T-(A)IT3Z(F) DS-2CE16D8T-IT3ZE					
	DS-2CE16H0T-(A)IT3ZF DS-2CE19H0T-(A)IT3ZF DS-2CE19ULT-(A)IT3ZF DS-2CE19U7T-(A)IT3ZF DS-2CE19D3T-(A)IT3ZF	DS-1275ZJ-SUS Vertical pole mount  Hik white Stainless Steel 127x46x250mm Diameter of clamp: Φ67-127mm 1480g	DS-1280ZJ-S Junction box  Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g	DS-1276ZJ-SUS Corner mount  Hik white Stainless Steel 126x105x250mm 2280g		
	DS-2CE16C2T-VFIR3 DS-2CE16D0T-VFIR3F/E					
	DS-2CE19U8T-(A)IT3Z					
	DS-2CE16C5T-AIT3Z					

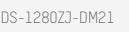
Appearance	Model	Recommended brackets for Hikvision analog camera				
		Relevant brackets and housings--- Indoor/Outdoor				
		 DS-1271ZJ-140 Pendant Mount  Hik white Aluminum alloy Ø150×565mm 1900g	 DS-1273ZJ-140 Wall mount  Hik white Aluminum alloy 140×183.5×232mm 703g	 DS-1273ZJ-140B Wall mount  Hik white Aluminum alloy with junction box 140×243×292mm 1488g	 DS-1241Z In-ceiling mount  Hik white Aluminum alloy Ø200×26.8mm 300g	 DS-1240Z Inclined ceiling mount  Hik white Aluminum alloy Ø145×63mm 440g
		 DS-1275ZJ-SUS Vertical pole mount  Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1273ZJ-XX(B)]	 DS-1276ZJ-SUS Corner mount  Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	 DS-1253ZJ-L Rain shade  Hik white Composite Fiber Ø225.1×98mm 198g Match up with wall mount[DS-1273ZJ-140]	 DS-1250Z Rain shade  Hik white Composite Fiber 264.7*152*189.6 mm 199g	

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings--- Indoor			
	DS-2CE56H8T-(A)ITZF DS-2CE56U1T-(A)ITZF DS-2CE56DBT-(A)ITZF DS-2CE56D8T-ITZE				
		DS-1271ZJ-130	DS-1273ZJ-130	DS-1273ZJ-130B	DS-1249ZJ
		Pendant Mount	Wall mount	Wall mount	In-ceiling mount
		Hik white Aluminum alloy Ø150×565mm 1900g	Hik white Aluminum alloy 132×183.5×228.5mm 690g	Hik white Aluminum alloy with junction box 132×243×288.5mm 1475g	Hik white ABS plastic Ø169.4×14.6mm 60g
	DS-2CE56D8T-VFIR(F)/ (E)				
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1253ZJ-L	DS-1250ZJ
		Vertical pole mount	Corner mount	Rain shade	Rain shade
		Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Composite fiber Ø225.1×98mm 198g Match up with wall mount[DS-1273ZJ-130]	Hik white Composite fiber 264.7*152*189.6 mm 199g
	DS-2CC52D9T-AITZE DS-2CE56H5T-(A)ITZE DS-2CE56H0T-(A)ITZF DS-2CE56H0T-ITZE DS-2CE56D8T-(A)ITZ				

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings--- Indoor					
	DS-2CE56D8T-VPIT(E)						
		DS-1258ZJ	DS-1271ZJ-110	DS-1272ZJ-110	DS-1272ZJ-110B	DS-1275ZJ-SUS	
		Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Vertical pole mount	
		Hik white ABS Plastic Ø111×39.2mm 200g	Hik white Aluminum alloy Ø150×560mm 1900g	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1272ZJ-XX(B)]	
	DS-2CE57UOT-VPITF						
	DS-2CE56C0T-VPIR						
		DS-1276ZJ-SUS	DS-1280ZJ-DM18	DS-1258ZJ	DS-1253ZJ-M	DS-1250ZJ	
		Corner mount	Junction box	Wall mount	Rain shade	Rain shade	
		Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum alloy Ø115.4×43.8mm 450g	Hik white ABS plastic 120×111×161.5mm 200g	Hik white Composite fiber Ø191.1×76mm 133g Match up with wall mount[DS-1272ZJ-110]	Hik white Composite fiber 264.7*152*189.6 mm 199g	

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings--- Indoor/Outdoor			
 	<p>DS-2CE5AU1T-[A]VPIT3ZF DS-2CE5AU7T-[A]VPIT3ZF DS-2CE5AD8T-[A]VPIT3Z(F)/(E)</p> <p>DS-2CE5AHOT-[A]VPIT3ZF DS-2CE5AHOT-VPIT3ZE DS-2CE5AD3T-[A]VPIT3ZF DS-2CE5AH8T-[A]VPIT3ZF</p>				
		DS-1273ZJ-140-DM45	DS-1271ZJ-140-DM45	DS-1275ZJ-SUS	DS-1276ZJ-SUS
		Wall mount	Pendant mount	Vertical pole mount	Corner mount
		Hik white Aluminum alloy Ø140×182×120mm	Hik white Aluminum alloy Ø140×545mm	Hik white Stainless Steel 117×143×194mm(Diameter of clamp 67-127mm) 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 158X173mm Match up with wall mount (DS-1273ZJ-XX(B))
					
		DS-1281ZJ-DM45	DS-1280ZJ-DM45	DS-1253ZJ-L	
		Inclined ceiling mount	Junction box	Rain shade	
		Hik white Aluminum alloy Ø140×49mm	Hik white Aluminum alloy 168×140×40mm	Hik white Composite fiber Match up with wall mount(DS-1273ZJ-140-DM45)	

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings--- Indoor/Outdoor					
 <b>DS-2CE5ADOT-VPIT3F</b> <b>DS-2CE5AD8T-VPIT3Z</b>	                       						
	DS-1271ZJ-135	DS-1273ZJ-135	DS-1473ZJ-135B	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1227ZJ	
	Pendant mount	Wall mount	Wall mount with junction box	Vertical pole mount	Corner mount	In-ceiling mount	
	Hik white Aluminum alloy 150×150×565mm 1900g	Hik white Aluminum alloy 136×183.5×230mm 704g	Hik white Aluminum alloy with junction box 136×243×290mm 1490g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount(DS-1273ZJ-135)	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS-1273ZJ-135)	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS-1273ZJ-135)	Hik white Aluminum alloy & ABS Plastic Ø210×90mm 540g
	DS-1280ZJ-DM21	DS-1281ZJ-DM23	DS-1253ZJ-L	DS-1250ZJ	DS-1258ZJ-L		
	Junction box	Inclined ceiling mount	Rain shade	Rain shade	Wall mount		
	Hik white Aluminum alloy 162×137×42mm 250g	Hik white Aluminum alloy 136.3×136.3×48mm 245g	Hik white Composite fiber Ø225.1×98mm 198g Match up with wall mount(DS-1273ZJ-135)	Hik white Composite fiber 264.7×152×189.6 mm 199g	Hik white Plastic 136×183×213mm 260g		

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor						
	DS-2CC52H1T-FITS							
		DS-1294ZJ	DS-1281ZJ-DM27	DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M	
		Wall mount	Inclined ceiling mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)	
		Hik white Toughened Plastic 223.9×80×125.8mm 450g	Hik white Plastic 111.8×40.5×108.3mm 45.8g	Hik white Aluminum alloy (Height 1000-2000mm)	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm (Ø 3.82" × 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm (Ø 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Recommended brackets for Hikvision analog camera		Appearance	Model	Recommended brackets for Hikvision analog camera	
		Relevant brackets and housings---Indoor/Outdoor				Relevant brackets and housings---Indoor/Outdoor	
	DS-2CE56C2T-IRM DS-2CE56COT-IRM[F] DS-2CE56D0T-IRM[F]				DS-2CC52C7T-VPIR		
		DS-1280ZJ-TR3	Junction box			DS-1274ZJ-DM28	Corner mount
	DS-2CE56D0T-IRM[F][C]		Hik white ADC12 Ø119.68 x 82.58 x 41.02mm 107g				Hik white Aluminum alloy 233×201×96mm

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings---Indoor/Outdoor			
	DS-2CE56HOT-ITPF DS-2CE76D3T-ITPF				
	DS-2CE76U1T-ITPF DS-2CE76U0T-ITPF DS-2CE76D0T-EXIPF				
	DS-2CE76D0T-ITPF	Wall mount	Vertical pole mount	Corner mount	Junction box
	DS-2CE56C0T-IR(P)(F) DS-2CE56C2T-IR(P)	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum Alloy Ø100 x 43.2 x 129mm 320g
	DS-2CE56D0T-IR(P)(F) DS-2CE56D0T-I2(P)FD DS-2CE56D0T-I2(P)FB				

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor/Outdoor						
	DS-2CS54A1P(N)-IRS DS-2CE56D8T-IRS							
	DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1282ZJ-DM[mini]	DS-1280ZJ-DM22	
	Wall mount	Wall mount	Pendant mount	Vertical pole mount	Corner mount	Gang box	Junction box	
	Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67- 127mm 1480g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Plastic Φ120 mm	Hik white Aluminum alloy 164.8×137×53.4mm 520g	

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor/Outdoor						
	DS-2CE56C2T-IT1/IT3 DS-2CE56C5T-IT1/IT3							
	DS-1272ZJ-110	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1258ZJ	DS-1280ZJ-S	DS-1281ZJ-S	DS-1271ZJ-110	
	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67- 127mm 1480g Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white ABS plastic 120×111×161.5mm 200g Suitable for indoor	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g	Hik white Aluminum alloy Φ150×560mm 1900g	

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings---Indoor/Outdoor						
 	DS-2CE56C5T-VFIT3							
		DS-1273J-130-TRL	DS-1275J-SUS	DS-1276J-SUS	DS-1280J-M	DS-1281J-M	DS-1271J-130-TRL	
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	
		Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount(DS-1273J-XX[B])	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273J-XX[B])	Hik white Aluminum alloy 157×184.8×53.4mm 621g	Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hik white Aluminum alloy Ø150×567mm	
	DS-2CE56C2T-VFIR3 DS-2CE56DOT-VFIR3F/E							

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings---Indoor/Outdoor						
  	DS-2CE56D8T-IT3Z(F)(E)							
	DS-2CE79U7T-AIT3ZF DS-2CE79H8T-AIT3ZF							
								

Hikvision White  
Alloy  
123.06 mm × 168.24 mm × 45 mm (4.84" × 6.62" × 1.77")  
215 g (0.47 lb.)

Appearance	Model	Recommended brackets for Hikvision analog camera		
		Relevant brackets and housings---Indoor/Outdoor		
	DS-2CE78D3T-IT3F DS-2CE78H8T-IT1/3F DS-2CE78U1T-IT1/3F DS-2CE78U7T-IT1/3F DS-2CE78U0T-IT3F			
	DS-2CE56COT-IT1(F)/IT3(F) DS-2CE56DOT-IT1(F)(E)/IT3(F)(E) DS-2CE56H1T-IT1(E)/IT3(E) DS-2CC52D9T-IT3E DS-2CE56D8T-IT1(F)(E)/IT3(F)(E) DS-2CE56H5T-IT1(E)/IT3(E) DS-2CE56H0T-IT1/3(F)(E) DS-2CE56C5T-IT3	DS-1272ZJ-110-TRS  Wall mount	DS-1275ZJ-SUS  Vertical pole mount	DS-1276ZJ-SUS  Corner mount
	DS-2CE78D0T-IT3FS	Hik white Aluminum alloy 110×120×120mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount [DS-1272ZJ-XX(B)]
	DS-2CE56D0T-IT1(F)/IT3(F)(C)			
	DS-2CE71D8T-PIRL(O) DS-2CE71D0T-PIRL(P)(O) DS-2CE71H0T-PIRL(P)(O)			
	DS-2CE78U8T-IT3	DS-1280ZJ-S  Junction box	DS-1281ZJ-S  Inclined ceiling mount	DS-1280ZJ-TR13  Junction box
	DS-2CE72DFT-F			
	DS-2CE72HFT-F	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g	Hikvision White Aluminum Alloy Ø 110 mm × 144.3 mm × 48 mm [Ø 4.33" × 5.68" × 1.89"] Approx. 187 g (0.41 lb.)
	DS-2CE72DFT-PIRXOF			

Appearance	Model	Relevant brackets and housings					
		Indoor		Indoor housing		Outdoor housing	
	DS-2CD2821G0						
		DS-1299ZJ	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ series	DS-1340HZ
		Pendant Mount	Wall mount	Indoor housing	Indoor housing	Outdoor housing	Outdoor housing
		Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white Aluminum alloy 288×149×100mm 800g	Hik white Complex fiber 290×142×92mm 640g	Hik white Aluminum alloy	Three-axis adjustment Containing combined wires and fan IK10

Appearance	Model	Appearance	Model	Appearance	Model
	DS-2CD2085FWD-I DS-2CD2055FWD-I DS-2CD2045FWD-I DS-2CD2035FWD-I DS-2CD2025F(H)WD-I DS-2CD208360-I DS-2CD206360-I DS-2CD204360-I DS-2CD202360-I		DS-2CD2065G1-I DS-2CD2085G1-I DS-2CD2021G1-(D)(W) DS-2CD2021G1-(D)(W)(B)		DS-2CD2026G2-I(U) DS-2CD2046G2-I(U) DS-2CD2086G2-I(U)
	DS-2CV2021G2-IDW DS-2CV2041G2-IDW DS-2CV2026G0-IDW DS-2CV2046G0-IDW		DS-2CD1T23G0-I DS-2CD1T43G0-I		DS-2CD1023G0-I DS-2CD1023G0E-I DS-2CD1023G0-IU DS-2CD1043G0-I DS-2CD1053G0-I

Appearance	Model	Appearance	Model	Relevant brackets and housings---Indoor/Outdoor
	DS-2CV1021G0-IDW1		DS-2CD2051G1-IDW1 DS-2CD2041G1-IDW1 DS-2CD2021G1-IDW1	 Junction box Hik white Aluminum Alloy Ø100 x 43.2 x 129mm 320g

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD1621G0-[I Z] DS-2CD1631G0-[I Z] DS-2CD1623G0-[I Z] DS-2CD1643G0-[I Z] DS-2CD1623G1-[I Z][SI] DS-2CD1653G0-[I Z]					
		DS-1260ZJ	DS-1280ZJ-S	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1275ZJ-S-SUS
		Junction box	Junction box	Vertical pole mount	Corner mount	Vertical pole mount
	DS-2CD2621G0-[I Z][SI]	Hikvision White Aluminum Alloy Ø88.5 mm 251g	Hik white Aluminum alloy Ø137 x 53.4x 164.8mm 527g	Hikvision White Stainless Steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.)	Hik white Stainless Steel 126x105x250mm 2280g	Hik white Stainless Steel 144 mm x 131.6 mm x 44.3 mm (5.67" x 5.18" x 1.74") 760 g (1.68 lb.) Match up with DS-1260ZJ

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2047G1-L DS-2CD2027G1-L					
		302700579	302701533	302701678		
		Junction box	Vertical pole mount	Corner mount		
	Hik white Aluminum alloy Ø137 x 53.4x 164.8mm 527g		Hikvision White Stainless Steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.)		Hik white Stainless Steel 126x105x250mm 2280g	

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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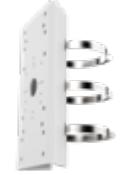
Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2626G2-Izs DS-2CD2646G2-Izs DS-2CD2686G2-Izs DS-2CD2685G0-Izs DS-2CD2665G0-Izs DS-2CD2685FWD-Izs DS-2CD2655FWD-Izs(B) DS-2CD2645FWD-Izs DS-2CD2635FWD-Izs DS-2CD2625FWD-Izs DS-2CD2625FWD-Izs DS-2CD2683G0-Izs DS-2CD2663G0-Izs DS-2CD2643G0-Izs DS-2CD2623G0-Izs					
	DS-2CD2626G2-Izs/SL DS-2CD2646G2-Izs/SL DS-2CD2686G2-Izs/SL	DS-1475ZJ-SUS  Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g	DS-1476ZJ-SUS  Hik white Stainless Steel 126×105×250mm 2280g	DS-1275ZJ-S-SUS  Hik white Stainless Steel 144 mm × 131.6 mm × 44.3 mm [5.67" × 5.18" × 1.74"] 760 g [1.68 lb.]	DS-2551ZJ  Column Mount	Hikvision White Alloy Ø 250 mm × 1570.08 mm (Ø 9.84" × 61.81") Approx. 3308 g (7.29 lb.)

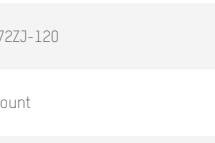
Appearance	Model	Relevant brackets and housings	
		Indoor/Outdoor	
	DS-2CD2085FWD-I DS-2CD2055FWD-I DS-2CD2045FWD-I DS-2CD2025FWD-I DS-2CD2043G0-I DS-2CD2023G0-I		DS-1280ZJ-XS[Black]  Junction box
	DS-2CD2065G1-I DS-2CD2085G1-I		Hik Black Aluminum Alloy Ø100 x 43.2 x 129mm 320g

Appearance	Model	Relevant brackets and housings	
		Indoor/Outdoor	
	DS-2CD2685G0-Izs DS-2CD2665G0-Izs DS-2CD2685FWD-Izs DS-2CD2645FWD-Izs DS-2CD2635FWD-Izs DS-2CD2625FWD-Izs		DS-1475ZJ-SUS[Black]  Vertical pole mount
			Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g
Other brackets are the same as Hik white camera			

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2T42WD-I3/I8 DS-2CD2T22WD-I3/I8 DS-2CD2T85FWD-I5/I8 DS-2CD2T55FWD-I5/I8 DS-2CD2T45FWD-I5/I8 DS-2CD2T35FWD-I5/I8 DS-2CD2T25FWD-I5/I8 DS-2CD2T25FHWD-I5/I8 DS-2CD2T83G0-I5/I8 DS-2CD2T63G0-I5/I8 DS-2CD2T43G0-I5/I8 DS-2CD2T23G0-I5/I8					
	DS-2CD2T85G1-I5/I8 DS-2CD2T65G1-I5/I8 DS-2CD2T26G1-2I/4I DS-2CD2T46G1-2I/4I	DS-1275ZJ-SUS	DS-1260ZJ	DS-1276ZJ-SUS	DS-1280ZJ-S	DS-1275ZJ-S-SUS
	DS-2CD2T26G2-ISU/SL DS-2CD2T46G2-ISU/SL DS-2CD2T86G2-ISU/SL	Vertical pole mount	Junction box	Corner mount	Junction box	Vertical pole mount
	DS-2CD2626G2T-Izs DS-2CD2646G2T-Izs DS-2CD2686G2T-Izs DS-2CD2685G1-Izs DS-2CD2665G1-Izs DS-2CD2645G1-Izs DS-2CD2625G1-Izs DS-2CD2646G1-Izs DS-2CD2626G1-Izs					
	DS-2CD2683G1-Izs DS-2CD2663G1-Izs DS-2CD2643G1-Izs DS-2CD2623G1-Izs	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g [3.26 lb.]	Hikvision White Aluminum Alloy Ø88.5 mm 251g	Hik white Stainless Steel 126×105×250mm 2280g	Hik white Aluminum alloy Ø137×53.4×164.8mm 527g	Hik white Stainless Steel 144 mm × 131.6 mm × 44.3 mm [5.67" × 5.18" × 1.74"] 760 g [1.68 lb.] Match up with DS-1260ZJ
	DS-2CD2T46G1-4I/SL DS-2CD2T26G1-4I/SL					
	DS-2CD2T47G1-L DS-2CD2T27G1-L					

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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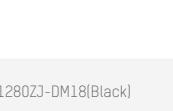
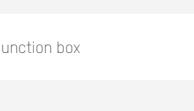
Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2T21GO-WS						
		DS-1296ZJ	DS-1292ZJ	DS-1203ZJ	DS-1297ZJ	DS-1214ZJ-T	DS-1275ZJ-SUS
		Wall mount	Wall mount	Pendant Mount	Pendant Mount	Horizontal pole mount	Vertical pole mount
		Hik white Plastic 70x79.1x196.5mm Included in the package	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white 70.4x84x200.5mm 220g	Hik white Aluminum Alloy Φ120x200mm 1035g	Hik white Steel(mounting board) & Stainless Steel(clamp) 194 mm x 117 mm x 138.5 mm [7.64" x 4.61" x 5.45"] 1900 g (4.19 lb.)	Hikvision White Stainless Steel 127 mm x 46 mm x 250 mm [5" x 1.81" x 9.84"] 1480 g (3.26 lb.) Match up with wall mount(DS- 1292ZJ-XX(B))
							
		DS-1276ZJ-SUS	DS-1232ZJ	DS-1232ZJ-T	DS-1297ZJ-ES	DS-1297ZJ-M	
		Corner mount	Cardan Joint	Cardan Joint	Pendant mount (extendable)	Pendant mount (extendable)	
		Hik white Stainless Steel 126x105x250mm 2280g Match up with wall mount(DS- 1292ZJ-XX(B))	Hik white Steel 126x103.5x83mm 790	Hik white Steel 96x95x92.5mm	Hikvision White Aluminum Alloy Φ 97 mm x 270 mm to 400 mm (Φ 3.82" x 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Φ 120 mm x 650 mm to 1200 mm (Φ 4.72" x 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	 DS-2CD2555FWD-I(W)(S) DS-2CD2545FWD-I(W)(S) DS-2CD2535FWD-I(W)(S) DS-2CD2525FWD-I(W)(S) DS-2CD2525FHWD-I(W)(S) DS-2CD2563G0--I(W)(S) DS-2CD2543G0--I(W)(S) DS-2CD2523G0--I(W)(S)				
		DS-1272ZJ-120	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1280ZJ-DM46
		Wall mount	Pendant mount	Corner mount	Junction box
		Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum alloy Ø 120 mm × 37.2 mm [Ø 4.72" × 1.46"] 250g
					
		DS-1275ZJ-SUS	DS-1272ZJ-120B		
		Vertical pole mount	Wall mount		
		Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum alloy with junction box 123×180×223mm 1225g		

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD2T85FWD-I8 DS-2CD2T55FWD-I8 DS-2CD2T45FWD-I5/I8 DS-2CD2T35FWD-I8 DS-2CD2T25FWD-I5/I8				
		DS-1275J-SUS[Black]  Vertical pole mount	DS-1260J[Black]  Junction box	DS-1276ZJ-SUS[Black]  Corner mount	DS-1280ZJ-S[Black]  Junction box
	DS-2CD2T65G1-I5 DS-2CD2T85G1-I5	Hik Black Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g	Hik Black Alloy Ø 88.5 mm × 36 mm [Ø 3.48" × 1.42"] Approx. 251 g (0.55 lb.)	Hik Black Stainless Steel 126×105×250mm 2280g	Hik Black Aluminum alloy Ø137 x 53.4x 164.8mm 527g
		Other brackets are the same as Hik white camera			

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD2545FWD-I(S) DS-2CD2525FWD-I(S) DS-2CD2563G0--I(S) DS-2CD2543G0--I(S) DS-2CD2523G0--I(S)				
		DS-1272J-120[Black]  Wall mount	DS-1271J-120[Black]  Pendant mount	DS-1276ZJ-SUS[Black]  Corner mount	DS-1280ZJ-DM46[Black]  Junction box
		Hik Black Aluminum alloy 120×122×173.5mm 430g	Hik Black Aluminum alloy Ø150×573mm 1900g	Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272J-XX(B)]	Hik Black Aluminum alloy Ø 120 mm × 37.2 mm [Ø 4.72" × 1.46"] 250g Match up with wall mount[DS-1272J-XX(B)]
		Other brackets are the same as Hik white camera			

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor(suitable for indoor)					
	DS-2CD1123G0-I DS-2CD1123G0E-I DS-2CD1143G0-I DS-2CD1153G0-I						
	DS-1259ZJ  Inclined ceiling mount	DS-1271ZJ-110  Pendant mount	DS-1272ZJ-110  Wall mount	DS-1272ZJ-110B  Wall mount	DS-1276ZJ-SUS  Corner mount		
	DS-2CD1143G0E-[F]	Hik white ABS Plastic Ø111×39.2mm 200g	Hik white Aluminum alloy Ø150×560mm 1900g	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS-1272ZJ-XX[B])	
	DS-2CD2121G0-[W][S] DS-2CD2165G0-[IS] DS-2CD2185FWD-[S] DS-2CD2155FWD-[IS] DS-2CD2145FWD-[IS] DS-2CD2135FWD-[IS] DS-2CD2125FWD-[IS] DS-2CD2125FHWD-[IS] DS-2CD2183G0-[IS] DS-2CD2163G0-[IS] DS-2CD2143G0-[IS] DS-2CD2123G0-[IS]						
	DS-1280ZJ-DM18  Junction box	DS-1258ZJ  Wall mount	DS-1250ZJ  Rain shade	DS-1275ZJ-SUS  Vertical pole mount			
	Hik white Aluminum alloy Ø115.4×43.8mm 450g	Hik white ABS plastic 120×111×161.5mm 200g	Hik white Composite Fibre 264.7×152×189.6 mm 199g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX[B])			

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor(suitable for indoor)				
 DS-2CD2165G0-I DS-2CD2185FWD-I DS-2CD2155FWD-I DS-2CD2145FWD-(IS) DS-2CD2125FWD-I DS-2CD2183G0-(IS) DS-2CD2163G0-(IS) DS-2CD2143G0-(IS) DS-2CD2123G0-(IS)	 DS-1259ZJ[Black]  Inclined ceiling mount	 DS-1271ZJ-110[Black]  Pendant mount	 DS-1272ZJ-110[Black]  Wall mount	 DS-1272ZJ-110B[Black]  Wall mount	 DS-1276ZJ-SUS[Black]  Corner mount	 Hik Black ABS Plastic Ø111×39.2mm 200g
	 DS-1280ZJ-DM18[Black]  Junction box	 DS-1258ZJ[Black]  Wall mount	 DS-1250ZJ[Black]  Rain shade	 DS-1275ZJ-SUS[Black]  Vertical pole mount	 Hik Black Stainless Steel 126×105×250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	 Hik Black Aluminum alloy Ø115.4×43.8mm 450g

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2146G1-(S) DS-2CD2126G1-(S)							
		DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1275ZJ-SUS	DS-1253ZJ-M	Rain Shade for Outdoor Dome Camera
		Wall mount	Wall mount	Pendant mount	Corner mount	Vertical pole mount		
	DS-2CD2123G0-IU DS-2CD2143G0-IU DS-2CD2163G0-IU DS-2CD2183G0-IU	Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Ø150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount[DS-1272ZJ-XX(B)]		
		DS-2CD2126G2-(S/U) DS-2CD2146G2-(S/U)					Hikvision White PP+30%GF Ø191.1×76mm 133g	

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2185G0-IMS DS-2CD2125G0-IMS							
		DS-1272ZJ-120-TR15	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1275ZJ-SUS	DS-1253ZJ-M	Rain Shade for Outdoor Dome Camera
		Hikvision White Aluminium Alloy 120 mm × 122 mm × 173 mm (4.72" × 4.80" × 6.81") Approx. 460 g (1.01 lb.)	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Ø150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount[DS-1272ZJ-XX(B)]		

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor(suitable for indoor)					
 DS-2CD1723G0-I(Z) DS-2CD1743G0-I(Z) DS-2CD1753G0-I(Z)	 DS-1271ZJ-135 Pendant mount  Hik white Aluminum alloy 150×150×565mm 1900g	 DS-1273ZJ-135 Wall mount  Hik white Aluminum alloy 136×183.5×230mm 704g	 DS-1473ZJ-135B Wall mount with junction box  Hik white Aluminum alloy with junction box 136×243×290mm 1490g	 DS-1275ZJ-SUS Vertical pole mount  Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount[DS-1273ZJ-XX(B)]	 DS-1276ZJ-SUS Corner mount  Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	 DS-1227ZJ In-ceiling mount  Hik white Aluminum alloy & ABS Plastic Ø210×90mm 540g Match up with D20-AP for 17XX models	
	 D20-AP	 DS-1280ZJ-DM21	 DS-1281ZJ-DM23	 DS-1253ZJ-L	 DS-1250ZJ	 DS-1258ZJ-L	
	Adapter Plate  Hik white Match up with DS-1227ZJ for 17XX models	Junction box  Hik white Aluminum alloy 162×137×42mm 250g	Inclined ceiling mount  Hik white Aluminum alloy 136.3×136.3×48mm 245g	  Hik white Composite Fibre Ø225.1×98mm 198g Match up with wall mount[DS-1273ZJ-135]	  Hik white Composite Fibre 264.7×152×189.6 mm 199g	  Hik white Plastic 136×183×213mm 260g	

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
 	DS-2CD2785G0-Izs DS-2CD2765G0-Izs DS-2CD2785FWD-Izs DS-2CD2755FWD-Izs(B) DS-2CD2745FWD-Izs DS-2CD2735FWD-Izs DS-2CD2725FWD-Izs DS-2CD2783G0-Izs DS-2CD2763G0-Izs DS-2CD2743G0-Izs DS-2CD2723G0-Izs  DS-2CD2726G2-Izs DS-2CD2746G2-Izs DS-2CD2786G2-Izs	 DS-1471ZJ-155	 DS-1473ZJ-155	 DS-1475ZJ-SUS	 DS-1473ZJ-155B	 DS-1476ZJ-SUS	 DS-1227ZJ-DM37
							Pendant Mount
		Hik white Aluminum alloy Φ155×150×565mm	Hik white Aluminum alloy 155×183.5×240mm	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hik white Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1473Z-XX(B))	Hik white Steel and Plastic Ø 225 mm × 98.2 mm (8.86" × 3.87") 700 g (1.54 lb.)
							In-Ceiling Mount

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2785G0-Izs DS-2CD2765G0-Izs DS-2CD2785FWD-Izs DS-2CD2745FWD-Izs DS-2CD2735FWD-Izs DS-2CD2725FWD-Izs	 DS-1471ZJ-155(Black)	 DS-1473ZJ-155(Black)	 DS-1475ZJ-SUS(Black)	 DS-1473ZJ-155B(Black)		Other brackets are the same as Hik white camera	
						Pendant Mount		
		Hik Black Aluminum alloy Φ155×150×565mm	Hik Black Aluminum alloy 155×183.5×240mm	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hik Black Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)			

Appearance	Model	Relevant brackets and housings							
		Indoor/Outdoor							
 	<p>DS-2CD2785G1-I(Z)(S) DS-2CD2765G1-I(Z)(S) DS-2CD2745G1-I(Z)(S) DS-2CD2725G1-I(Z)(S) DS-2CD2783G1-I(Z)(S) DS-2CD2763G1-I(Z)(S) DS-2CD2743G1-I(Z)(S) DS-2CD2723G1-I(Z)(S) DS-2CD2746G1-I(Z)(S) DS-2CD2726G1-I(Z)(S)</p> <p>DS-1471ZJ-155 Hik white Aluminum alloy Ø155×150×565mm</p>								
		Pendant Mount	Wall Mount	Vertical pole mount	Junction Box	Wall Mount	Corner mount	In-Ceiling Mount	
				Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount[DS-1473Z-XX(B)]					
				Hikvision White Aluminum Alloy Ø 155 mm × 36 mm [Ø 6.1" × 1.42"] 300 g (0.66 lb.)					
						Hik white Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)			
								Hikvision White SECC, PC&ABS Ø 256.1 mm × 75.9 mm [Ø 10.08" × 2.99"] Match up with wall mount[DS-1473Z-XX(B)] Approx. 608.5 g (1.34 lb.)	

Appearance	Model	Relevant brackets and housings							
		Indoor/Outdoor							
	<p>DS-2CD2783G1-I(Z)(S) DS-2CD2763G1-I(Z)(S) DS-2CD2743G1-I(Z)(S) DS-2CD2723G1-I(Z)(S)</p>								
		Pendant Mount	Wall Mount	Vertical pole mount	Junction Box	Wall Mount			
		Other brackets are the same as Hik white camera							

Appearance	Model	Relevant brackets and housings						
		Indoor						
 DS-2CD2935FWD-IS	 DS-1294ZJ							
		Wall mount	Inclined ceiling mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)	
		Hik white Toughened Plastic 223.9×80×125.8mm 450g	Hik white Plastic 111.8×40.5×108.3mm 45.8g	Hik white Aluminum alloy (Height 1000-2000mm)	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Φ 97 mm × 270 mm to 400 mm (Φ 3.82" × 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm (Ø 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
 DS-2CD238360-IU DS-2CD2363G0-IU DS-2CD234360-IU DS-2CD232360-IU DS-2CD2385FWD-I DS-2CD2355FWD-I DS-2CD2345FWD-I DS-2CD2335FWD-I DS-2CD2325FWD-I DS-2CD2325FHWD-I	 DS-1273ZJ-130-TRL							
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	Wall mount
		Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Aluminum alloy Ø126.7mm×35mm Approx.: 210 g (0.46 lb.)	Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hikvision white Aluminum alloy Ø150×567mm	Hikvision White Aluminum Alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.36") 1690 g (3.73 lb.)

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2385FWD-I DS-2CD2355FWD-I DS-2CD2345FWD-I DS-2CD2325FWD-I DS-2CD2383G0-(I/U) DS-2CD2363G0-(I/U) DS-2CD2343G0-(I/U) DS-2CD2323G0-(I/U)DS-2CD2821G0	 DS-1273ZJ-130-TRL[Black] Wall mount	 DS-1275ZJ-SUS[Black] Vertical pole mount	 DS-1276ZJ-SUS[Black] Corner mount	 DS-1280ZJ-DM8[Black] Junction box	 DS-1281ZJ-M[Black] Inclined ceiling mount	 DS-1271ZJ-130-TRL[Black] Pendant mount
		Hik Black Aluminum alloy 131×183.5×228.5mm 890g	Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1273ZJ-J-XX(B)]	Hik Black Stainless Steel 126×105×250mm 2280g Match up with wall mount[DS-1273ZJ-J-XX(B)]	Hik Black Aluminum alloy Ø126.7mm×35mm	Hik Black Aluminum alloy 157×165.7×61.8mm 586g	Hik Black Aluminum alloy Ø150×567mm
		Other brackets are the same as Hik white camera					

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2346G1-I(SL) DS-2CD2326G1-I(SL) DS-2CD2326G2-ISU/SL DS-2CD2346G2-ISU/SL DS-2CD2386G2-ISU/SL						
	DS-2CD2326G2-II(U) DS-2CD2346G2-II(U) DS-2CD2386G2-II(U)	DS-1271ZJ-140	DS-1273ZJ-140	DS-1280ZJ-DM21	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B
	DS-2CD2385G1-I DS-2CD2365G1-I	Pendant Mount	Wall mount	Junction box	Vertical pole mount	Corner mount	Wall mount
	DS-2CD2H25G1-I(Z)S DS-2CD2H45G1-I(Z)S DS-2CD2H65G1-I(Z)S DS-2CD2H85G1-I(Z)S DS-2CD2H23G1-I(Z)S DS-2CD2H43G1-I(Z)S DS-2CD2H63G1-I(Z)S DS-2CD2H83G1-I(Z)S	Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Aluminum alloy 162×137×42mm 250g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy with junction box 140×243×292mm 1488g
	DS-2CD2347G1-L DS-2CD2347G1-LU DS-2CD2327G1-L DS-2CD2327G1-LU						

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2385G1-I DS-2CD2365G1-I					
		DS-1271ZJ-140[Black]  Hik Black Aluminum alloy Φ150×565mm 1900g	DS-1273ZJ-140[Black]  Hik Black Aluminum alloy 140×183.5×232mm 703g	DS-1280ZJ-DM21[Black]  Hik Black Aluminum alloy 162×137×42mm 250g	DS-1275ZJ-SUS[Black]  Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	DS-1276ZJ-SUS[Black]  Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))
						Other brackets are the same as Hik white camera

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2321G0-I/NF					
		DS-1272ZJ-110  Wall mount	DS-1275ZJ-SUS  Vertical pole mount	DS-1276ZJ-SUS  Corner mount	DS-1280ZJ-S  Junction box	DS-1281ZJ-S  Inclined ceiling mount
						DS-1271ZJ-110  Pendant mount
						DS-1272ZJ-110B  Wall mount
		Hik white Aluminum alloy 120×122×169mm 420g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount [DS-1272ZJ-110(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount [DS-1272ZJ-110(B)]	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g
						Hik white Aluminum alloy with junction box Φ150×560mm 1900g
						Hik white Aluminum alloy 123×180×227.8mm 1205g

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2H85FWD-Izs DS-2CD2H55FWD-Izs(B) DS-2CD2H45FWD-Izs DS-2CD2H35FWD-Izs DS-2CD2H25FWD-Izs DS-2CD2H25FHWD-Izs DS-2CD2H8360-Izs DS-2CD2H6360-Izs DS-2CD2H4360-Izs DS-2CD2H2360-Izs	 DS-1473J-135 Wall mount Hik white Aluminum alloy 136×183.5×230mm 704g	 DS-1471J-135 Pendant mount Hik white Aluminum alloy 150×150×565mm 1900g	 DS-1281J-DM23 Inclined ceiling mount Hik white Aluminum alloy 136.3×136.3×48mm 245g	 DS-1475J-SUS Vertical pole mount Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount(DS-1473J-XX(B))	 DS-1476J-SUS Corner mount Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1473J-XX(B))	 DS-1473J-135B Wall mount with junction box Hik white Aluminum alloy with junction box 136×243×290mm 1490g	

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2H85FWD-Izs DS-2CD2H45FWD-Izs DS-2CD2H35FWD-Izs DS-2CD2H25FWD-Izs	 DS-1473J-135(Black) Wall mount Hik Black Aluminum alloy 136×183.5×230mm 704g	 DS-1471J-135(Black) Pendant mount Hik Black Aluminum alloy 150×150×565mm 1900g	 DS-1281J-DM23(Black) Inclined ceiling mount Hik Black Aluminum alloy 136.3×136.3×48mm 245g	 DS-1475J-SUS(Black) Vertical pole mount Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount(DS-1473J-XX(B))	Other brackets are the same as Hik white camera

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD1H21G0-I2 DS-2CD1H31G0-I2 DS-2CD1H23G0-I2 DS-2CD1H43G0-I2 DS-2CD1H53G0-I2				
		DS-1273ZJ-130-TRL	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-M
		Wall mount	Vertical pole mount	Corner mount	Junction box
		Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g [3.26 lb.] Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Aluminum alloy 157×184.8×53.4mm 621g
					
	DS-2CD2347G3E-L DS-2CD2327G3E-L	DS-1281ZJ-M	DS-1271ZJ-130-TRL	DS-1273ZJ-130B-TRL	
		Inclined ceiling mount	Pendant mount	Wall mount	
		Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hikvision white Aluminum alloy Φ150×567mm	Hikvision White Aluminum Alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.38") 1690 g (3.73 lb.)	

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	<p>DS-2CD1321-(I D) DS-2CD1321-(I E) DS-2CD1331-(I D) DS-2CD1331-I DS-2CD1341-I DS-2CD1313GO-I DS-2CD1323GO-I DS-2CD1323GOE-I DS-2CD1323GO-IU DS-2CD1343GO-I DS-2CD1353GO-I</p>				
		DS-1272ZJ-110-TRS	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-S
		Wall mount	Vertical pole mount	Corner mount	Junction box
		Hik white Aluminum alloy 120×122×169mm 420g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g

### PTZ Dome Camera

Appearance	Model	Relevant brackets and housings				
		Indoor				
	DS-2DE2A204W-DE3 DS-2DE2A404W-DE3					
	DS-1294ZJ-PT	DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M	
	Wall Mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)	
	Hikvision White Plastic and Steel 223.5 mm × 125.8 mm × 80 mm (8.8" × 4.95" × 3.15") 480 g (1.06 lb.)	Hik white Aluminum Alloy (Height 1000-2000mm) 165g	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm (Ø 3.82" × 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm (Ø 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Relevant brackets and housings	
		Indoor	
	DS-2DE2204IW-DE3 DS-2DE2204IW-DE3/W		DS-1294ZJ
	Wall mount		
	DS-2DE2106IW-DE3		Hik white Toughened Plastic 223.9×80×125.8mm 450g

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2DE3204W-DE DS-2DE3304W-DE						
	DS-1227ZJ-PT6	DS-1273ZJ-PT6	DS-1280ZJ-PT6	DS-1275ZJ-SUS	DS-1276ZJ-SUS		
	In-ceiling mount	Wall mount	Junction Box	Vertical pole mount	Corner mount		
	Hik white Steel+Plastic Ø210×79.3mm 520 g	Hik white 183.5×140×232mm	Hik white Aluminum alloy 136.5×42×162.5mm 280g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1205g Match up with DS_1273ZJ-PT6	Hik white Stainless Steel 126×105×250mm 2280g Match up with DS_1273ZJ-PT6		

Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT
Camera							

### Accessories

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Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
								
	DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1618ZJ	DS-1660ZJ	DS-1604ZJ		
	Pendant mount	Pendant mount	Ceiling mount	Wall mount(short arm)	Parapet wall mount	Wall Mount with junction box		
	Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 110×145×189mm 550g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g		
	DS-2DE4425W-DE DS-2DE4225W-DE DS-2AE4225T-D(C) DS-2AE4215T-D(C)							
	DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ		
	Vertical pole mount	Corner mount	Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount		
	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy 281.2×170.7×395.5mm 2.15 Kg (4.74 lb.)	Hik white Aluminum alloy & steel 222×139.3×422mm	Hik white Aluminum alloy & steel 255.5×314×542.5mm	Hik white Aluminum alloy 455.2×130.4×841.5mm		

Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
								
		DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1618ZJ	DS-1660ZJ	DS-1604ZJ	DS-1604ZJ-pole
		Pendant mount	Pendant mount	Ceiling mount	Wall mount(short arm)	Parapet wall mount	Wall Mount with junction box	Vertical pole mount
		Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 110×145×189mm 550g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm
	DS-2AE4225TI-D(C) DS-2AE4215TI-D(C) DS-2DE4425IW-DE DS-2DE4415IW-DE DS-2DE4225IW-DE DS-2DE4215IW-DE							
		DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1671ZJ-SDM9	
		Corner mount	Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount	In-ceiling mount	
		Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy 281.2×170.7×395.5mm	Hik white Aluminum alloy & steel 222×139.3×422mm 5.7 kg (12.57 lb.)	Hik white Aluminum alloy & steel 255.5×314×542.5mm 6.2 Kg (13.67 lb.)	Hik white Aluminum alloy 455.2×130.4×841.5mm	Hik Black Steel + plastic Φ232.9×142.6mm	

Appearance	Model	Relevant brackets and housings			
		Outdoor(only available for outdoor PTZ model)			
					
		DS-1605ZJ Wall Mount Bracket  Hik white Aluminum alloy 183.5×120×228.6mm 1120g	DS-1671ZJ-SD11 In-ceiling Mount Bracket  Hik white Aluminum alloy Φ233×85mm 640 g (1.4 lb.)	DS-1280ZJ-SD11 Junction Box  Hik white Aluminum alloy Φ157.7 mm × 39.7 mm (6.2" × 1.6") 450 g (0.99 lb.)	DS-1691ZJ-L Pendant mount  Hik white Steel 124x84x1000mm 2175g
	DS-2DE4A220IW-DE DS-2DE4A320IW-DE DS-2DE4A425IW-DE DS-2DE4A404IW-DE DS-2DE4A225IW-DE DS-2DE4A215IW-DE DS-2DE4A204IW-DE				
		DS-1691ZJ-M Pendant mount  Hik white Steel 124x84x500mm 1175g	DS-1691ZJ Pendant mount  Hik white Aluminum alloy 84x124×335mm 980g	DS-1275ZJ-SUS Vertical pole mount  Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1205g Match up with DS_1605ZJ	DS-1276ZJ-SUS Corner mount  Hik white Stainless Steel 126×105×250mm 2280g Match up with DS_1605ZJ

Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
	DS-2DE5432IW-AE DS-2DE5425IW-AE DS-2DE5232IW-AE DS-2DE5225IW-AE DS-2AE5232TI-A(C) DS-2AE5225TI-A(C)							
		DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1660ZJ	DS-1604ZJ	DS-1604ZJ-pole	DS-1604ZJ-corner
		Pendant mount	Pendant mount	Ceiling mount	Parapet wall mount	Wall mount	Vertical pole mount	Corner mount
		Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm
	DS-2DE5425W-AE DS-2DE5330W-AE DS-2DE5320W-AE DS-2DE5232W-AE DS-2DE5225W-AE DS-2AE5232T-A(C) DS-2AE5225T-A(C)							
		DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1667ZJ	DS-1602ZJ	
		Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount	Extendable pole for Pendant mount	Wall Mount	
		Hik white Aluminum alloy 281.2×170.7×395.5mm	Hik white Aluminum alloy & steel 222×139.3×422mm	Hik white Aluminum alloy & steel 255.5×314×542.5mm	Hik white Aluminum alloy 455.2×130.4×841.5mm	Hik white Galvanized steel pipe 1500~2500mm	Hik white Aluminum alloy 97X182X305mm	
	DS-2AE7232TI-A [C] DS-2AE7225TI-A [C]							

Appearance	Model	Relevant brackets and housings					
		Outdoor					
 	DS-2PT5326IZ-DE						
		DS-1604ZJ	DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1661ZJ	DS-1619ZJ-H2	DS-1602ZJ
		Wall Mount with junction box	Vertical pole mount	Corner mount	Pendant mount	Gooseneck Mount	Wall Mount
	DS-2PT5306IZ-DE DS-2PT5306BZ-DE	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy Ø116.5×200mm 600g	Hik white Stainless Steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)	Hik white Aluminum alloy 97X182X305mm

Appearance	Model	Relevant brackets and housings			
		Indoor			
 	DS-2PT3326IZ-DE3 DS-2PT3122IZ-DE3				
		DS-1294ZJ-TRL	DS-1271ZJ-PT10	DS-1682ZJ	DS-1673ZJ
		Wall Mount	Pendant Mount	Extendable pole for Pendant mount	horizontal pole mount
	DS-2PT3306IZ-DE3	Hik white PC+ABS	Hik white Aluminum Alloy and Plastic Ø 160.6 mm × 532 mm (6.32" × 20.9") 1300 g (2.87 lb.)	Hik white Aluminum alloy 500mm Match up with pendant mount(DS-1661ZJ.DS-1662ZJ)	Hik white Steel(mounting board) & Stainless Steel(clamp) Diameter of clamp: Ø67-127mm Match up with pendant mount

## Thermal

Appearance	Model	Relevant brackets and housings					
	DS-2TD1217/V1						
		DS-1271ZJ-140	DS-1273ZJ-140	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B	DS-1280ZJ-DM21
		Pendant Mount	Wall mount	Vertical pole mount	Corner mount	Wall mount	Junction box
		Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Aluminum alloy with junction box 140×243×292mm 1488g	Hik white Aluminum alloy 162×137×42mm 250g

Appearance	Model	Relevant brackets and housings		
	DS-2TD2617V1			
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1260ZJ
		Vertical pole mount	Corner mount	Junction box
	DS-2TD2117V1	Hik white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.)	Hik white Stainless steel 126X105X250mm 2280g	Hik white Aluminum alloy Φ 88.5 mm × 36 mm (Φ 3.48" × 1.42") 251g

Turbo HD Camera Camera PTZ Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission DORI Distance

Accessories

## Housing

### Indoor housing

Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1330HZ	DS-1330HZ	Hik white Complex fiber 290×142×92 mm 640 g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A			
					DS-1293J	DS-1299J	DS-1269J
					Wall mount	Pendant Mount	Pendant mount
					Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 493x246x88mm 480g

### Indoor housing

Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1332HZ	DS-1332HZ	Hik white Aluminum alloy 288×149×100mm 800g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A			
					DS-1293J	DS-1299J	DS-1269J
					Wall mount	Pendant Mount	Pendant mount
					Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 493x246x88mm 480g

Outdoor Housing								
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model			
	DS-1331HZ series	DS-1331HZ-C	Hik white Aluminum alloy Containing fan DC12V IP66 110×165×445mm 1900g					
		DS-1331HZ-H	Hik white Aluminum alloy Containing fan and heater AC24V IP66 110×165×445mm 1900g	DS-1293ZJ	DS-1269ZJ	DS-1214ZJ	DS-1214ZJ-T	DS-1233ZJ
		DS-1331HZ-W	Hik white Aluminum alloy Containing fan and wiper AC24V IP66 445×165×170mm 1900g	Wall mount	Pendant mount	Horizontal pole mount	Horizontal pole mount	Column Mount
		DS-1331HZ-HW	Hik white Aluminum alloy Containing fan, wiper and heater AC24V IP66 445×165×170mm 2500g	DS-2CD282160 DS-2CC1209T-[A] DS-2CC1209T-E DS-2CE37U8T-A	Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum alloy 493x246x88mm 480g	Hik white Steel(mounting board) & Stainless Steel(clamp) 117x226x194mm Diameter of clamp: Ø67-127mm 1895g	Hik white Steel(mounting board) & Stainless Steel(clamp) Ø160 x 1093mm 6200g
		DS-1331HZ-CI	Hik white Aluminum alloy Containing fan DC12V IP66 IK10 445×140×94mm 1900g					
		DS-1331HZ-HI	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 IK10 110×165×445mm 1900g		DS-1232ZJ	DS-1232ZJ-T	DS-1275ZJ-SUS	DS-2204ZJ
		DS-1331HZ-T	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 suitable for wide angle lens and fish-eye lens 454.2×169.2×114.6mm 1900g		Cardan Joint	Cardan Joint	Vertical pole mount	Wall mount
		DS-1331HZ-R	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 suitable for wide angle lens and fish-eye lens 454.2×169.2×114.6mm 1900g	Hik white Steel 126x103.5x83mm 790	Hik white Steel 96x95x92.5mm	Hik white Stainless Steel 127x46x250mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount(DS-1293ZJ)	Hik white Aluminum alloy 413.5x228.7x120mm 1859g	

Outdoor housing							
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-4718HZ	DS-4718HZ-K	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 174×153×550mm 2500g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A	 DS-1293ZJ Wall mount	 DS-1269ZJ Pendant mount	 DS-1214ZJ Horizontal pole mount  Hik white Steel(mounting board) & Stainless Steel(clamp) 117×226×194mm Diameter of clamp: Ø67- 127mm 1895g

Outdoor housing						
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model	
	DS-1340HZ	DS-1340HZ	Three-axis adjustment Containing combined wires and fan IK10	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A	 DS-1275ZJ-4626 Vertical Pole Mount  Hik white  Steel(mounting board) & Stainless Steel(clamp) 127×46×250mm 1235g For 40 series box camera	

Accessories

## Power Adapter



## Power Adapters

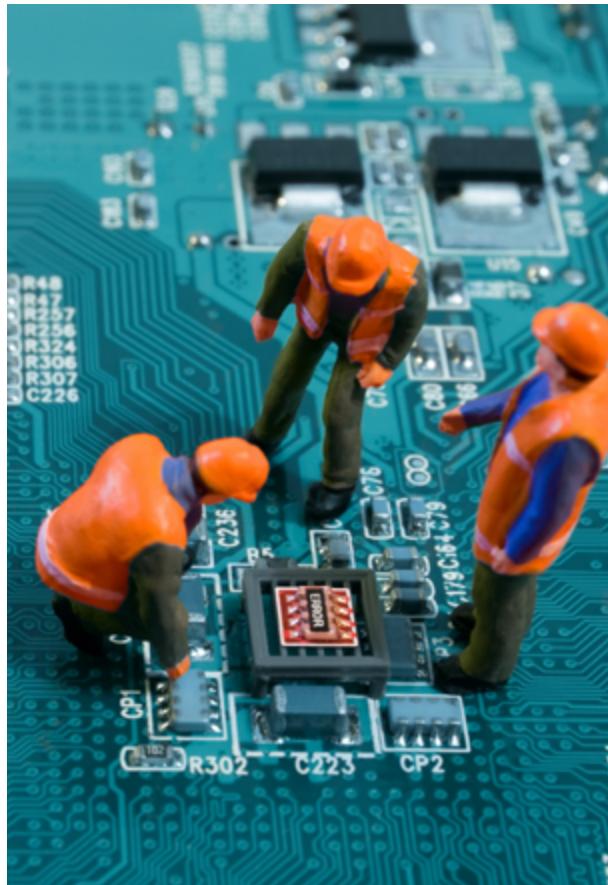
Power Adapter	Details	Available Models
DC5V 2A	HKC0115020-2B,DC5V/2A,American standard plug, USB	DS-2CV2U/2Qxx series Consumer IPC
	HKC0105020-9H,DC5V/2A, Australia standard plug, USB	
	HKC0105020-4H,DC5V/2A, British standard plug, USB	
	EE9-050200-4H,DC5V/2A,Europe standard plug, USB	
DC12V 1A	DSA-12PFG-12 FEU 120100, European standard,12V1A, Two-wire	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models
	DSA-12PFG-12 FEU 120100,European standard,12V1A,Φ2.1	
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Two-wire	
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Φ2.1	
	DSA-12PFT-12FUS 120100,American standard,12V1A,Two-wire	
	DSA-12PFT-12FUS 120100,American standard,12V1A,Φ2.1 VI	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Φ2.1	
	DSA-12PFG-12 FUK 120100,British standard,12V1A,Two-wire	
	DSA-12PFG-12 FUK 120100,British standard,12V1A,Φ2.1	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Φ2.1	
	DSA-12PFG-12 FAU 120100,Australian standard,12V1A,Φ2.1	
	DSA-12PFG-12 FAU 120100,Australian standard,12V1A,Two-wire	
DC12V 1.5A	MSA-C1500IC12.0-18P-US, DC12V/1.5A, American standard plug, Φ2.1	
	MSA-C1500IC12.0-18P-DE, DC12V/1.5A, Europe standard plug, Φ2.1	
	MSA-C1500IC12.0-18P-GB, DC12V/1.5A, British standard plug, Φ2.1	
	MSA-C1500IC12.0-24P-AU, DC12V/2A, Australia standard plug, Φ2.1	
DC12V 2A	ASW0081-1220002W[green head],12V24W,Two-wire(NO AC power wire)	Indoor mini PanoVu and high power consumption IPC and analog camera
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
	AC power wire, Japan standard	
	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101700162, Adaptor and power wire should be ordered together	
	MSA-C2000IC12.0-24P-GB,British standard,12V2A,Φ2.1	
DC12V 3.33A	MSA-C2000IC12.0-24P-DE,European standard,12V2A,Φ2.1	
	MSA-C1500IC12.0-24P-AU, Australia standard,12V2A,Φ2.1	
	MSA-C2000IC12.0-24P-US,American standard,12V2A,Φ2.1	
	KPL-040F-VI [green head],12V40W,Two-wire (NO AC power wire)	
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
DC12V 5A	AC power wire, Japan standard	DS-2PT9122IX-DE/S
	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101700613	
	Adaptor and power wire should be ordered together	
	KPL-060F-VI,12V5A,UL, green head,Two-wire (NO AC power wire)	
	AC power wire, UK standard	
	AC power wire, America standard	

Power Adapter	Details	Available Models
AC24V 2.5A	AC adaptor,HKA-A24250-230,AC24V/2.5A,European standard	All DS-2D(A)F8/76/5xxx-A/A3/AW/AE/AE3/AEL models; all DS-2D(A)E7/5/4xxx-A/A3/-AE/-AE3 models
	AC adaptor,HKKD-12077,AC24V/2.5A,American standard	
	AC adaptor,HKA-A24250-230-BS,AC24V2.5A,British standard	
	AC adaptor,PSE-A1525/5060,AC100V,AC24V2.5A,Japanese standard	
AC24V 3A	Linear power,TEAC-66-243000V,AC230V,AC24V3A,European standard	
	Linear power,MKAC-66-243000U,AC120V,AC24V/3A,American standard	
	Linear power,HKKD-11128,AC240V,AC24V/3A,Australia standard	
	Linear power,TEAC-66-243000VB,AC230V,AC24V/3A,British standard	
AC24V 5A	AC adapter,MKAC-76-245000V,AC24V5A,British standard	Positioning System
	AC adapter,A24-5A-950,AC120V/60Hz,AC24V5A,American standard	
	AC adapter,HKKD-13002,AC230V,AC24V5A,European standard	
DC36V 4.17A	EUV-150S036ST-KW02,36V4.17A,150W (NO AC power wire)	PanoVu
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
	AC power wire, Japan standard	
DC36V 1.67 A	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101701022	
	Adaptor and power wire should be ordered together	
	DS-2FA3616-DZ-HW (NO AC power wire)	
	AC power wire, American standard,1M,black AC power wire, European standard,1M,black AC power wire, British standard,1M,black AC power wire, Australian standard,1.0M,black AC power wire, Chinese standard,1.0M,black Match up with 302900093 Adaptor and power wire should be ordered together	
POE Injector	LAS30-57CN-RJ45(30W POE)(NO AC power wire)	
	LAS60-57CN-RJ45(60W POE)(NO AC power wire)	
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
Turbo HD Camera	AC power wire, Japan standard	
	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101700361 / 101700365	
	POE Injector and power wire should be ordered together	
	DORI Distance	

Turbo HD Camera  
Turbo HD PTZ Camera  
DVRs Encoder Network Camera  
PTZ Dome Panoramic Camera  
NVR KIT Thermal Monitor  
Switch Cable Controller & Transmission  
Accessories DORI Distance

## Accessories

### Camera Tester



	IPC-8600	Network camera tester, 7" Screen, with ANSI power supply
	IPC-8600-E	Network camera tester, 7" Screen, with ANSI power supply
	IPC-8600-E	Network camera tester, 7" Screen, with EN power supply
	IPC-8600	Network camera tester, 7" Screen, with EN power supply
	IPC-4300H	Network camera tester, 4.3" Screen, with ANSI/EN/BS/AS power supply, Support IP/CVBS/TVI(AHD/CVI) input

## Accessories

# Pickup



Picture	Models	Key Features
	DS-2FP2020	<p>Pickup range:70 sq.m,      Audio transmission distance:3000m,      Frequency response:20Hz ~ 20KHz,      SNR:60dB[1m]40 dB audio tone SPL]40dB[10m 40 dB audio tone SPL]1KHz at 1 Pa,      Dynamic Range:70dB[1KHz at Max dB SPL]</p>
	DS-2FP4021-B	<p>Pickup Scope:60 m<sup>2</sup> / continuously adjustable,      Gain Adjustment Scope:30dB/ continuous,      Pickup Direction:Full Directions /360°,      Frequency Response:100Hz ~ 16KHz[1kHz@94dB SPL],      Dynamic Range:85dB,      Output Impedance:600 Ohm unbalanced</p>
	3.5mm plug adapter	match up with pick up for camera with 3.5mm jack

# DORI Distance (D/O/R/I)

## NETWORK CAMERA

### Pro Series

### Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a “general proximity” of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test results according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize, and Identify, respectively.

#### 2X21 Series

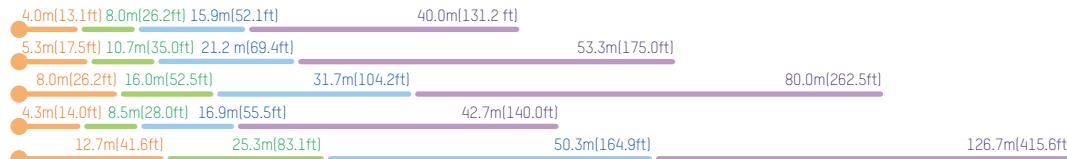
2.8mm

4mm

6mm

2.8-12mm(W)

2.8-12mm(T)



#### 2X23 Series

2.8mm

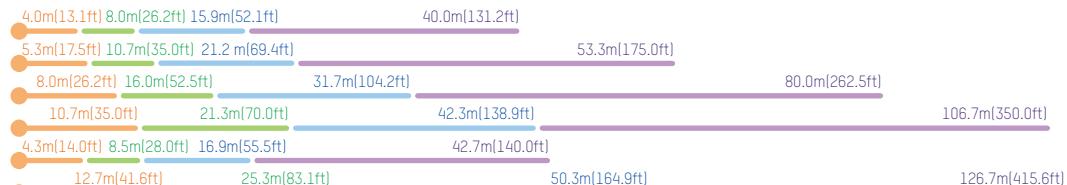
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)



#### 2X43 Series

2.8mm

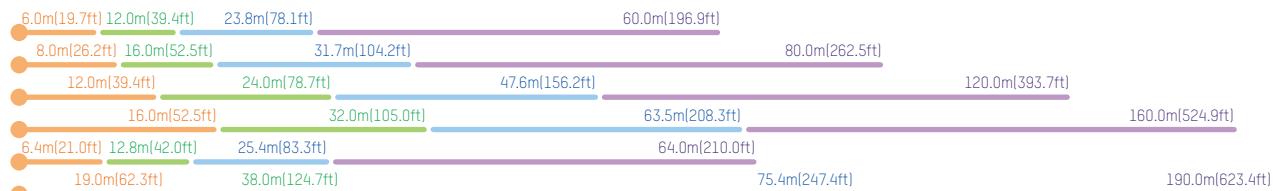
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)



#### 2X63 Series

2.8mm

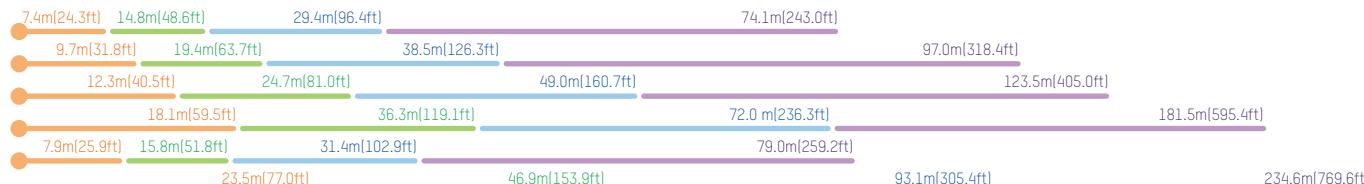
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)



#### 2X83 Series

2.8mm

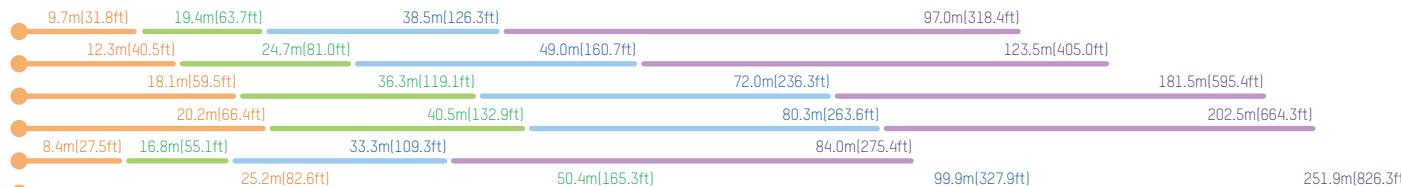
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)



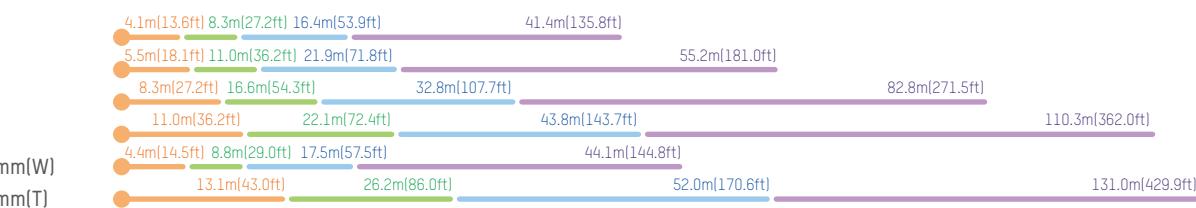
## Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

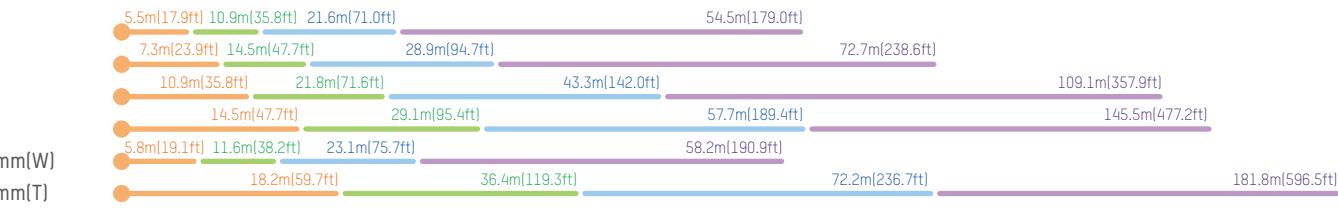
### NETWORK CAMERA

Pro Series

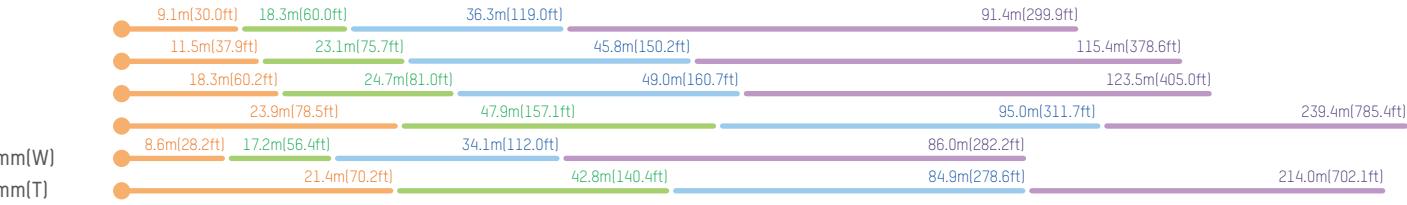
#### 2X25 Series



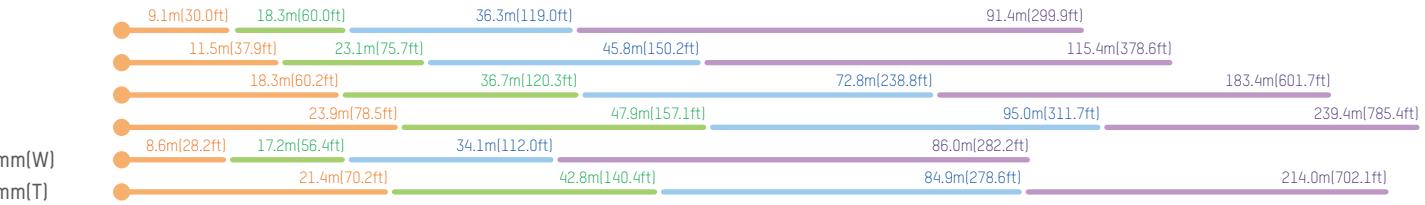
#### 2X45 Series



#### 2X65 Series



#### 2X85 Series



### DORI Distance (D/O/R/I)

- █ Detect:25ppm
- █ Observe:63ppm
- █ Recognize:125ppm
- █ Identify:250ppm

Network Camera      PTZ Dome Camera      Panoramic Camera      Explosion-Proof & Anti-Corrosion Series      NVR      Network Storage      Data Center      Thermal Display      Commercial Display      Decoder      Video Wall Controller      Software Accessories      DORI

## Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

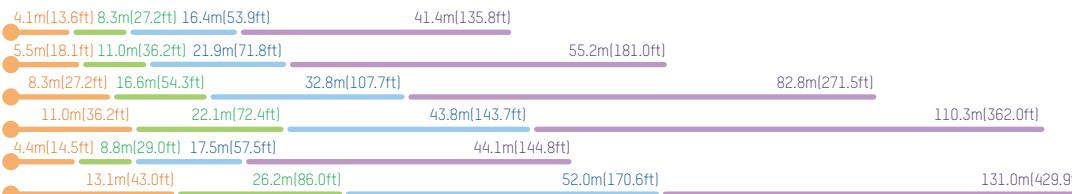
### NETWORK CAMERA

Pro Series

DORI Distance (D/O/R/I)	
	Detect:25ppm Observe:63ppm Recognize:125ppm Identify:250ppm
2.8mm	4.1m[13.6ft] 8.3m[27.2ft] 16.4m[53.9ft]
4mm	5.5m[18.1ft] 11.0m[36.2ft] 21.9m[71.8ft]
6mm	8.3m[27.2ft] 16.6m[54.3ft]
8mm	11.0m[36.2ft] 22.1m[72.4ft]
2.8-12mm(W)	4.4m[14.5ft] 8.8m[29.0ft] 17.5m[57.5ft]
2.8-12mm(T)	13.1m[43.0ft] 26.2m[86.0ft]

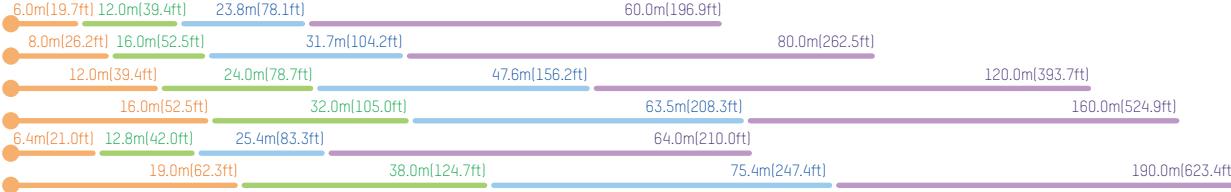
**2X2662 Series**

2.8mm	4.1m[13.6ft] 8.3m[27.2ft] 16.4m[53.9ft]
4mm	5.5m[18.1ft] 11.0m[36.2ft] 21.9m[71.8ft]
6mm	8.3m[27.2ft] 16.6m[54.3ft]
8mm	11.0m[36.2ft] 22.1m[72.4ft]
2.8-12mm(W)	4.4m[14.5ft] 8.8m[29.0ft] 17.5m[57.5ft]
2.8-12mm(T)	13.1m[43.0ft] 26.2m[86.0ft]



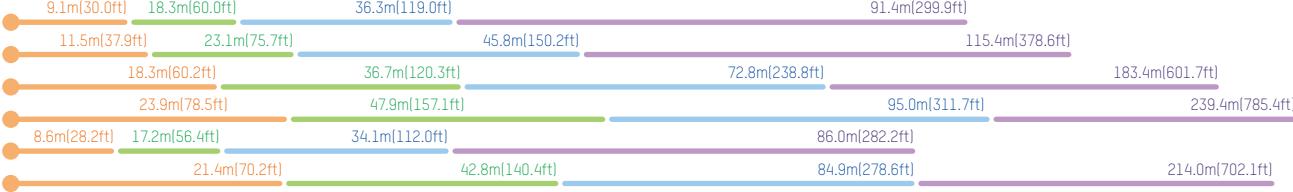
**2X4662 Series**

2.8mm	6.0m[19.7ft] 12.0m[39.4ft] 23.8m[78.1ft]
4mm	8.0m[26.2ft] 16.0m[52.5ft]
6mm	12.0m[39.4ft] 24.0m[78.7ft]
8mm	16.0m[52.5ft] 32.0m[105.0ft]
2.8-12mm(W)	6.4m[21.0ft] 12.8m[42.0ft] 25.4m[83.3ft]
2.8-12mm(T)	19.0m[62.3ft] 38.0m[124.7ft]



**2X8662 Series**

2.8mm	9.1m[30.0ft] 18.3m[60.0ft] 36.3m[119.0ft]
4mm	11.5m[37.9ft] 23.1m[75.7ft]
6mm	18.3m[60.2ft] 36.7m[120.3ft]
8mm	23.9m[78.5ft] 47.9m[157.1ft]
2.8-12mm(W)	8.6m[28.2ft] 17.2m[56.4ft] 34.1m[112.0ft]
2.8-12mm(T)	21.4m[70.2ft] 42.8m[140.4ft]



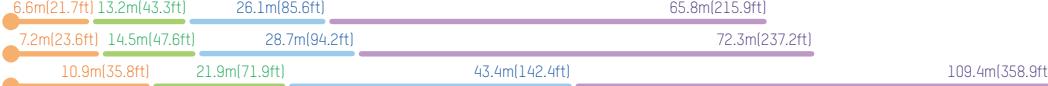
**2X2761 Series**

2.8mm	4.1m[13.6ft] 8.3m[27.2ft] 16.4m[53.9ft]
4mm	5.5m[18.1ft] 11.0m[36.2ft] 21.9m[71.8ft]
6mm	8.3m[27.2ft] 16.6m[54.3ft]



**2X4761 Series**

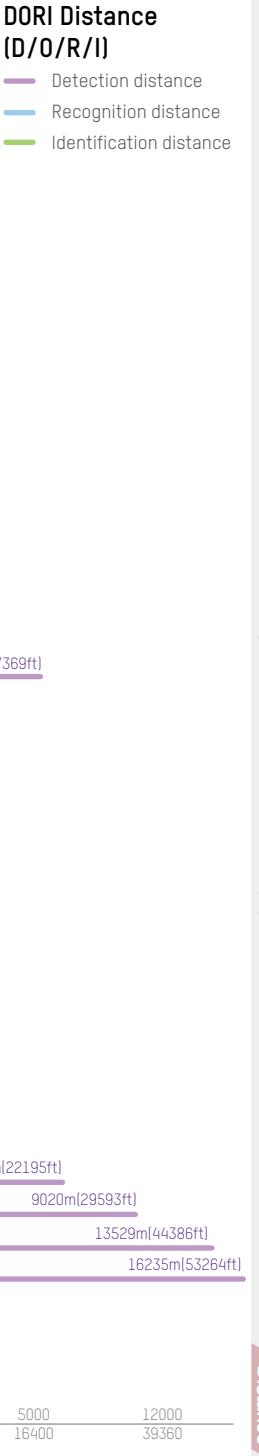
2.8mm	6.6m[21.7ft] 13.2m[43.3ft] 26.1m[85.6ft]
4mm	7.2m[23.6ft] 14.5m[47.6ft] 28.7m[94.2ft]
6mm	10.9m[35.8ft] 21.9m[71.9ft]



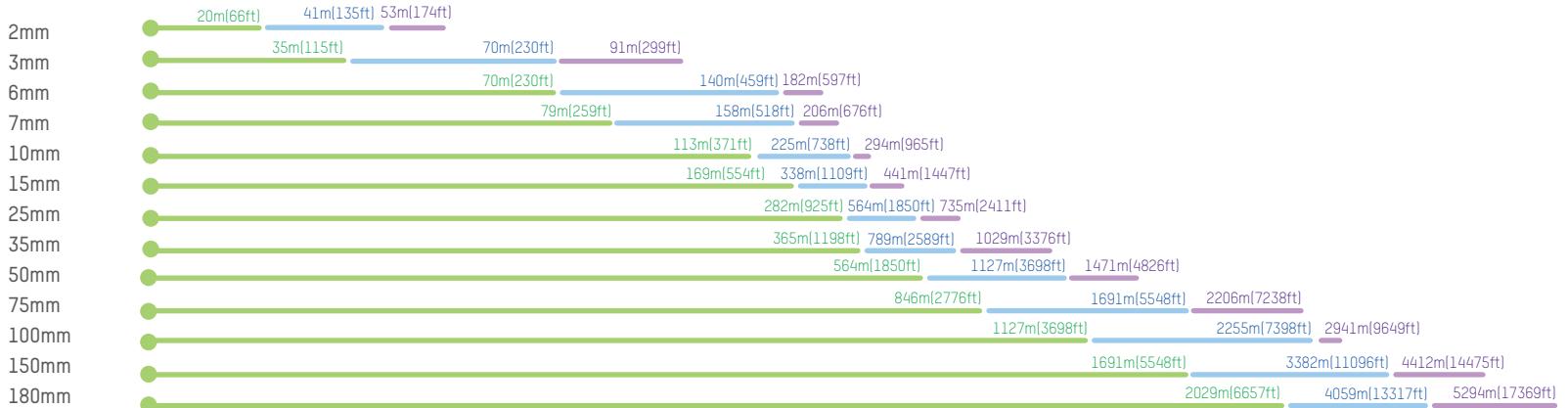
# DORI Distance (D/O/R/I)

## Thermal

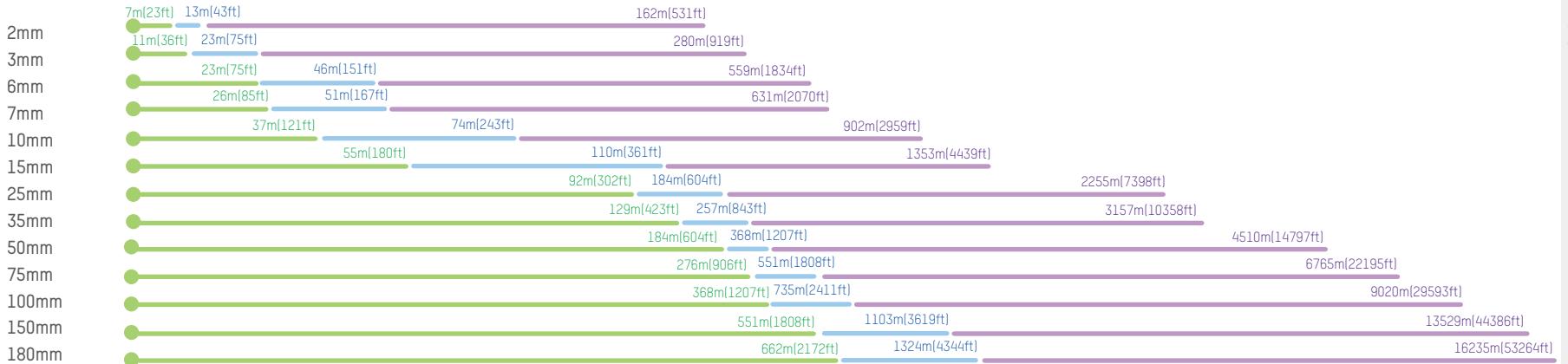
The DRI (Detection Recognition Identification) is defined in terms of the number of pixels on the object depend on a common standard, Johnson's criteria [[http://en.wikipedia.org/wiki/Johnson's\\_criteria](http://en.wikipedia.org/wiki/Johnson's_criteria)].



### Human (1.8x0.5m)



### Vehicle (1.4x4.0m)



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Hikvision Corporate Channel



www.hikvision.com

- **Headquarters**

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China  
+86-571-8807-5998  
overseasbusiness@hikvision.com

- **USA**

+1-909-895-0400  
sales.usa@hikvision.com

- **India**

+91-22-28469900  
sales@pramahikvision.com

- **Thailand**

+662-275-9949  
sales.thailand@hikvision.com

- **Europe**

+31-23-5542770  
sales.eu@hikvision.com

- **Brazil**

+55 11 3318-0050  
Latam.support@hikvision.com

- **Malaysia**

+601-7652-2413  
sales.my@hikvision.com

- **UK & Ireland**

+01628-902140  
sales.uk@hikvision.com

- **France**

+33(0)1-85-330-450  
info.fr@hikvision.com

- **Vietnam**

+84-974270888  
sales.vt@hikvision.com

- **UAE**

+971-4-4432090  
salesme@hikvision.com

- **Spain**

+34-91-737-16-55  
info.es@hikvision.com

- **Hong Kong**

+852-2151-1761  
info.hk@hikvision.com

- **Russia**

+7-495-669-67-99  
saleru@hikvision.com

- **Poland**

+48-22-460-01-50  
info.pl@hikvision.com

- **Colombia**

sales.colombia@hikvision.com

- **Australia**

+61-2-8599-4233  
salesau@hikvision.com

- **Canada**

+1-866-200-6690  
sales.canada@hikvision.com

- **Germany**

+49-69-401507290  
sales.adch@hikvision.com

- **Italy**

+39-0438-6902  
info.it@hikvision.com

- **Turkey**

+90 (216)521 7070- 7074  
sales.tr@hikvision.com

- **Philippines**

sales.ph@hikvision.com

- **South Africa**

+27877018113  
sale.africa@hikvision.com

- **Kazakhstan**

+7-727-9730667  
nikia.panfilov@hikvision.ru

- **Singapore**

+65-6684-4718  
sg@hikvision.com

- **Tashkent**

+99-87-1238-9438  
uzb@hikvision.ru

- **Korea**

+82-(0)31-731-8817  
sales.korea@hikvision.com

- **Indonesia**

+62-21-2933759  
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PRODUCT QUICK GUIDE

# CCTV CHANNEL PRODUCTS

2020 H1

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PRODUCT QUICK GUIDE

# ACCESS CONTROL VIDEO INTERCOM AND SECURITY ALARM

2020 H1

**HIKVISION®**

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# VIDEO INTERCOM

**002** IP Series

**011** 2-wire Series

**016** Analog Series

**019** 4-wire Series

**021** Kit

**026** Accessories



# Video Intercom

## IP Series

### Real Security Really Convenient

This technologically advanced Visual Intercom System from Hikvision makes communication more personal, more pleasant, and more intuitive than ever before.

#### › Excellent Image Quality

- Fisheye camera, 2 MP, WDR, Night Vision

#### › Easy Controls & Multiple Applications

- Mobile control / Access control / Elevator control / Dual lock control
- Public password / Duress password / Message / Do not disturb / Custom ringtone
- / Advertisement displaying
- Various verification methods: Face/fingerprint/Card/PIN
- Flexible Combinations
- Expansion-ready with various modules

- Multiple installation frames

#### › Elegant Utilitarian Design

- Designed for accessibility
- Reddot Award Winner (indoor station)
- Artistic industrial design

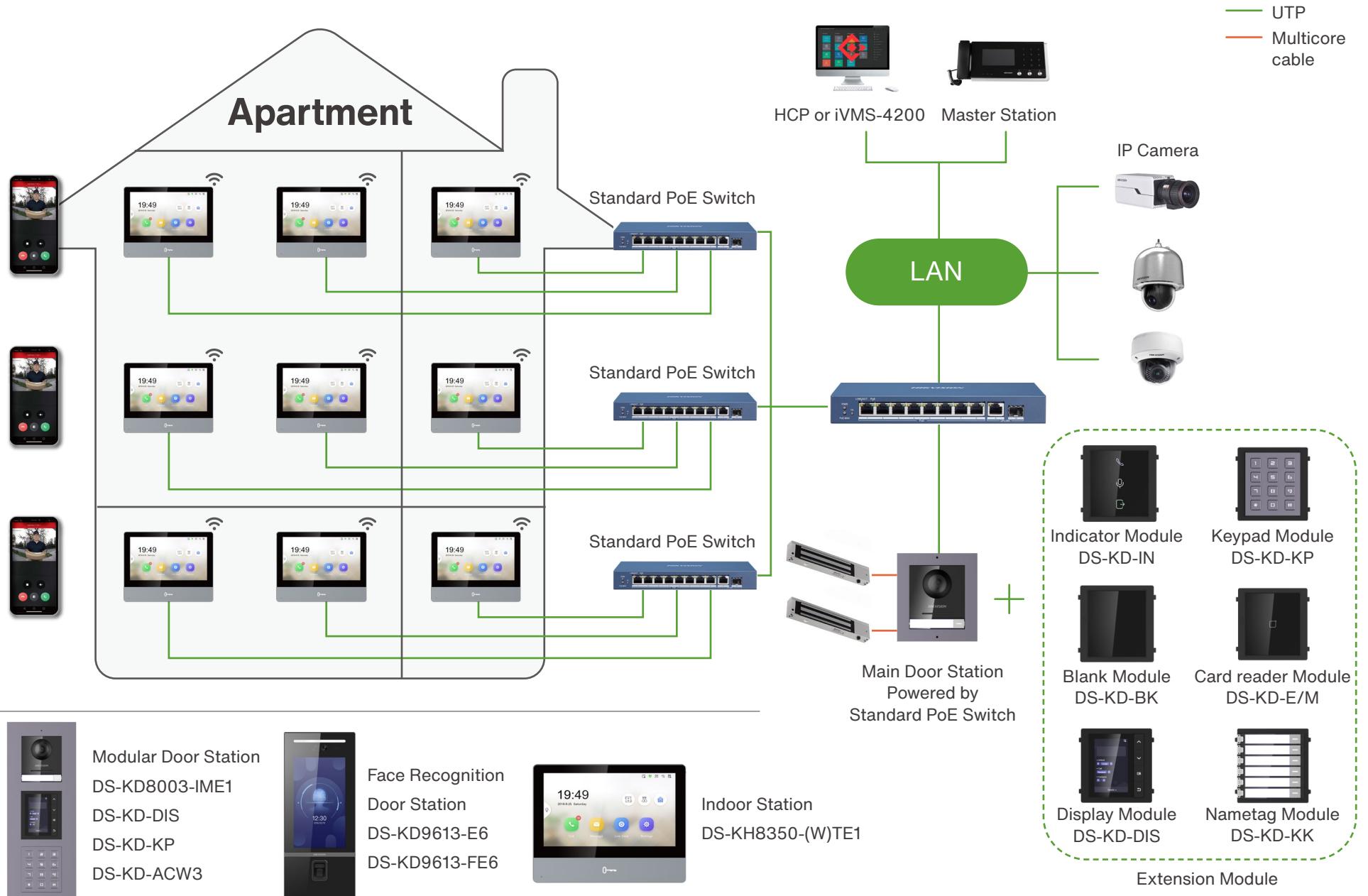
#### › CCTV Integration

- All-in-one client management
- Video recording to DVRs / NVRs
- IP camera monitoring



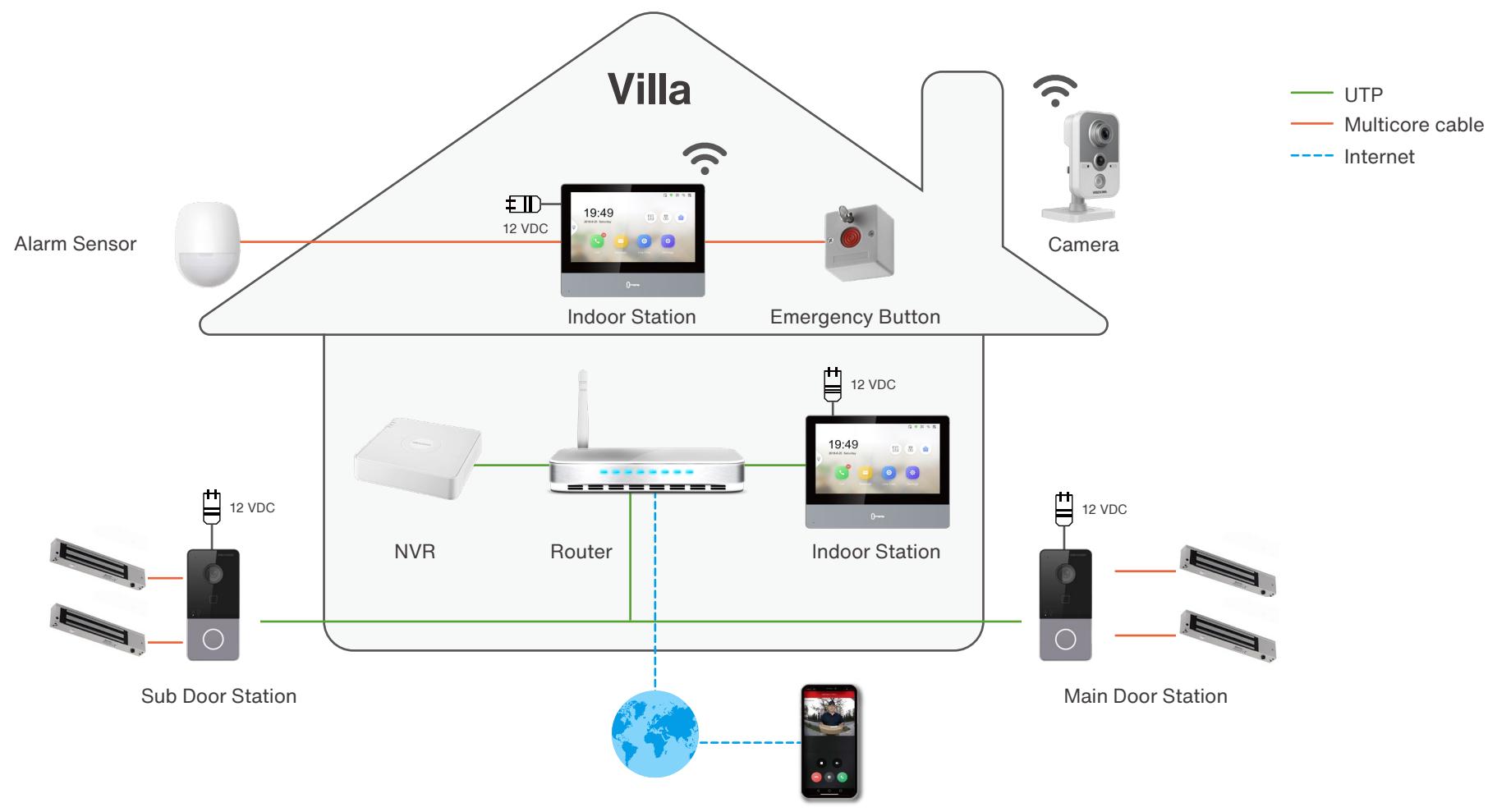
# IP Series

## IP Series Video Intercom - Apartment Solution



# IP Series

## IP Series Video Intercom - Villa Solution



Door Station  
KV6113-WME1



Indoor Station  
DS-KH8350-(W)TE1

## Indoor Station

Model	DS-KH8350-TE1	DS-KH8350-WTE1	DS-KH8520-WTE1	DS-KH6320-TE1	DS-KH6320-WTE1
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Indoor Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Indoor Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Indoor Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Indoor Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Indoor Station</span>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Display Screen	7-inch colorful IPS LCD	7-inch colorful IPS LCD	10.1-inch colorful TFT LCD	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button	Capacitive Touch Screen, Physical Button
Operation Interface	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design	New UI V2.0: User Friendly Design
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U	G.711 U	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Ethernet	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network	10/100 Mbps Self-adaptive Network
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	8-ch Alarm Inputs	8-ch Alarm Inputs	8-ch Alarm Inputs	8-ch Alarm Inputs	8-ch Alarm Inputs
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive	1 RJ-45 10/100 Mbps Self-adaptive
RS-485	Supported	Supported	Supported	-	1
I/O Output	2	2	2	-	2
TF Card (Micro SD Card)	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version	Max to 32G, SD 2.0 or Lower Version
Power Supply	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)	12 VDC / PoE( IEEE 802.3af)
Power Consumption	≤ 7 W	≤ 7 W	≤ 6W	≤ 6 W	≤ 6 W
Working Temperature	-10°C to +55°C (14°F to 122°F)	-10°C to +55°C (14°F to 122°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimensions (L × W × H)	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")	254 mm × 166 mm × 14.7 mm (10.0" × 6.5" × 0.58")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")
Certification	FCC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM	FCC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM	FCC, CE, C-TICK, ROHS, REACH, WEEE, UL, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM

## Apartment Door Station

Model	DS-KD8102-V	DS-KD8002-VM	DS-KD3002-VM
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Door Station</span>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
Video Compression Standard	H.264	H.264	H.264
Resolution	1280 × 720	1280 × 720	1280 × 720
Video Frame Rate	PAL: 25 fps, NTSC: 30 fps	PAL: 25 fps, NTSC: 30 fps	PAL: 25 fps, NTSC: 30 fps
Display Screen	3.5-Inch Colorful TFT LCD	3.5-Inch Colorful TFT LCD	3.5-Inch Colorful TFT LCD
Display Resolution	480 × 320	480 × 320	480 × 320
Operation Method	Capacitive Touch Keypad	Physical Keypad	Physical Keypad
Operation Interface	LCD Display, Easy Menu	LCD Display, Easy Menu	LCD Display, Easy Menu
Audio Output	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Internal Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader
External Card Reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader	Wiegand 26, Wiegand 34, or RS-485 IC Reader
Door Magnetic Detection	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status
Light Supplement Mode	Visible Light Supplement	Visible Light Supplement	Visible Light Supplement
Ethernet	10/100/1000 Mbps Self-adaptive Ethernet	10/100/1000 Mbps Self-adaptive Ethernet	10/100/1000 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP
Alarm Input	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
Network Interface	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface
RS-485	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O Input	4	4	4
I/O Output	2 [Reserved]	2 [Reserved]	2 [Reserved]
Wiegand	1 Wiegand Port for Accessing Wiegand Card Reader	1 Wiegand Port for Accessing Wiegand Card Reader	1 Wiegand Port for Accessing Wiegand Card Reader
USB	1 USB 2.0 for updating, Supporting U-Disk	1 USB 2.0 for updating, Supporting U-Disk	1 USB 2.0 for updating, Supporting U-Disk
Material	Plastic	Aluminum Alloy	Aluminum Alloy
Power Supply	12 VDC	12 VDC	12 VDC
Power Consumption	≤15 W	≤15 W	≤15 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%
IP Protection Level	IP65	IP65	IP65
Dimensions (L × W × H)	418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")	418 mm × 145 mm × 61 mm (16.5" × 5.7" × 2.4")	357 mm × 124 mm × 55 mm (14.1" × 4.9" × 2.2")
Certification	FCC,CE, C-TICK, ROHS, REACH, WEEE	FCC,CE, C-TICK, ROHS, REACH, WEEE	FCC, CE, C-TICK, CB, ROHS, REACH, WEEE,UL

## Modular Door Station

Model	DS-KD8003-IME1	DS-KD-IN
Image	 <span style="color: orange;">HOT</span>	
Processor	Embedded MCU Processor	Embedded MCU Processor
Operation System	Embedded Linux Operation System	-
Camera	Low Illumination 2 MP HD IR Camera	-
Video Compression Standard	H.264	-
Resolution	Main Stream: 1920 × 1080 Sub Stream: 720 × 480	-
Operation Method	Physical Button	-
Audio Output	Built-in Omnidirectional Microphone	-
Audio Output	Built-in Loudspeaker[More than 85 dB within 20 cm ]	-
Audio Compression Standard	G.711 U	-
Audio Compression Rate	64 Kbps	-
Audio Quality	Noise Suppression and Echo Cancellation	-
Internal Card Reader	-	-
Light Supplement Mode	IR Supplement	-
Ethernet	10/100 Mbps Self-adaptive Ethernet	-
Network Protocol	TCP/IP, RTSP	-
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	-
I/O Input	4	-
Relay Output	12 VDC/PoE ( IEEE 802.3af)	12 VDC [Powered by the other module]
Power Consumption	≤10 W	≤2 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 95%	10% to 95%
IP Protection Level	IP65	IP65
Dimensions (L × W × H)	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")
Certification	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM

Model	DS-KD-DIS	DS-KD-INFO	DS-KD-KK	DS-KD-KP	DS-KD-M/E	DS-KD-BK
Image	 Modular Door Station -Display Module	 Modular Door Station -Info Module	 Module Door Station -Nametag Module	 Module Door Station -Keypad Module	 Module Door Station -Card Reader Module	 Module Door Station -Blank Module
Processor	Embedded MCU Processor	Modular Door Station	Embedded MCU Processor	Embedded MCU Processor	Embedded MCU Processor	-
Operation System	-	-	-	-	-	-
Camera	-	-	-	-	-	-
Video Compression Standard	-	-	-	-	-	-
Resolution	-	-	-	-	-	-
Operation Method	-	-	Physical Button with 4 Button Covers Included	Physical Keypad	-	-
Audio Output	-	-	-	-	-	-
Audio Output	-	-	-	-	-	-
Audio Compression Standard	-	-	-	-	-	-
Audio Compression Rate	-	-	-	-	-	-
Audio Quality	-	-	-	-	-	-
Internal Card Reader	-	-	-	-	Built-in IC Card Reader	-
Light Supplement Mode	-	-	-	-	-	-
Ethernet	-	-	-	-	-	-
Network Protocol	-	-	-	-	-	-
Network Interface	-	-	-	-	-	-
I/O Input	-	-	-	-	-	-
Relay Output	12 VDC [Powered by the other module]	12 VDC [Powered by the other module]	12 VDC [Powered by the other module]	12 VDC [Powered by the other module]	12 VDC [Powered by the other module]	-
Power Consumption	≤2 W	≤2 W	≤2 W	≤2 W	≤2 W	-
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%	10% to 95%	-
IP Protection Level	IP65	IP65	IP65	IP65	IP65	-
Dimensions[L × W × H]	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.21 mm × 100.21 mm × 33.7 mm (3.87" × 3.95" × 1.33")	-
Certification	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM	CE, C-TICK, ROHS, REACH, WEEE, CB, RCM

## Villa Door Station

Model	DS-KV8102-IM	DS-KV8202-IM	DS-KV8402-IM	DS-KV8102-IP	DS-KV8102-VP
<b>Image</b>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Villa Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Villa Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Villa Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Villa Door Station</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Villa Door Station</span>
<b>Processor</b>	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
<b>Operation System</b>	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
<b>Camera</b>	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera	CMOS Low Illumination 1.3 MP HD Colorful Camera
<b>Video Compression Standard</b>	H.264	H.264	H.264	H.264	H.264
<b>Resolution</b>	1280 × 720	1280 × 720	1280 × 720	1280 × 720	1280 × 720
<b>Video Frame Rate</b>	25 fps	25 fps	25 fps	25 fps	25 fps
<b>Audio Output</b>	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
<b>Audio Output</b>	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
<b>Audio Compression Standard</b>	G.711 U	G.711 U	G.711 U	G.711 U	G.711 U
<b>Audio Compression Rate</b>	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps
<b>Audio Quality</b>	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
<b>Internal Card Reader</b>	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader
<b>Door Magnetic Detection</b>	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status
<b>Light Supplement Mode</b>	IR Supplement	IR Supplement	IR Supplement	IR Supplement	Visible Light Supplement
<b>Ethernet</b>	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet
<b>Network Protocol</b>	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP
<b>Alarm Input</b>	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
<b>Network Interface</b>	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface
<b>RS-485</b>	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
<b>I/O Input</b>	4	4	4	4	4
<b>I/O Output</b>	1	1	1	1	1
<b>Material</b>	Aluminum Alloy	Aluminum Alloy	Aluminum Alloy	Plastic	Plastic
<b>Power Supply</b>	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)	12 VDC/24 VDC, Power Over Network Cable (DS-KAD606-P, DS-KAD606-N)
<b>Power Consumption</b>	≤12 W	≤12 W	≤12 W	≤12 W	≤12 W
<b>Working Temperature</b>	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]
<b>Working Humidity</b>	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
<b>IP protection level</b>	IP65	IP65	IP65	IP65	IP65
<b>Dimensions(L × W × H)</b>	182 mm × 100 mm × 33 mm [7.17" × 3.94" × 1.30"]	182 mm × 100 mm × 33 mm [7.17" × 3.94" × 1.30"]	182 mm × 100 mm × 33 mm [7.17" × 3.94" × 1.30"]	164 mm × 97 mm × 54.4 mm [6.46" × 3.82" × 2.14"]	164 mm × 97 mm × 54.4 mm [6.46" × 3.82" × 2.14"]
<b>Certification</b>	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL	FCC,CE, C-TICK, ROHS, REACH, WEEE, UL

Model	DS-KV6113-PE1	DS-KV6113-WPE1	DS-KV8113-WME1	DS-KV8213-WME1	DS-KV8413-WME1
Image	  <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">·NEW</span>	  <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">·NEW</span>	  <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">·NEW</span>	  <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">·NEW</span>	  <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">·NEW</span>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera	CMOS Low Illumination 2MP HD Colorful Camera
Video Compression Standard	H.264	H.264	H.264	H.264	H.264
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Frame Rate	25 fps	25 fps	25 fps	25 fps	25 fps
Audio Output	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U	G.711 U	G.711 U	G.711 U	G.711 U
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
Internal Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader	Built-in IC Card Reader
Door Magnetic Detection	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status	Detects Door Magnetic Status
Light Supplement Mode	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement
Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet	10/100 Mbps Self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP
Alarm Input	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm	Door Magnetic Alarm, Tampering Alarm
Network Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface Wi-Fi 802.11b/g/n
RS-485	—	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port	1 RS-485 Half-Duplex Port
I/O Input	4	4	4	4	4
I/O Output	1	1	2	2	2
Material	Plastic	Plastic	Metal	Metal	Metal
Power Supply	12 VDC / Standard PoE	12 VDC / Standard PoE	12 VDC / Standard PoE	12 VDC / Standard PoE	12 VDC / Standard PoE
Power Consumption	≤12 W	≤12 W	≤12 W	≤12 W	≤12 W
Working Temperature	-40°C to +60°C (-40°F to 140°F)	-40°C to +60°C (-40°F to 140°F)	-40°C to +53°C (-40°F to 127.4°F)	-40°C to +53°C (-40°F to 127.4°F)	-40°C to +53°C (-40°F to 127.4°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
IP protection level	IP65	IP65	IP65	IP65	IP65
Dimensions(L × W × H)	138 mm × 65 mm × 27 mm [5.43" × 2.56" × ]	—	174 mm × 91 mm × 29 mm [6.85" × 3.58" × 1.14"]	174 mm × 91 mm × 29 mm [6.85" × 3.58" × 1.14"]	174 mm × 91 mm × 29 mm [6.85" × 3.58" × 1.14"]
Certification	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL	FCC,CE,CB,RCM,IC,ROHS,REACH&WEEE,UL

## Vandal-resistant Door Station

## Master Station

Model	DS-KB8112-IM
Image	 HOT
	(Vandal-Resistant Door Station)
<b>Processor</b>	High-Performance Embedded SOC Processor
<b>Operation System</b>	Embedded Linux Operation System
<b>Camera</b>	1/3" Progressive Scan CMOS, Color, Day/Night, Low Illumination, Pinhole, f3.47mm, F2.5, 80°(Horizontal), 44°(Vertical)
<b>Video Compression Standard</b>	H.264
<b>Resolution</b>	Main Stream: 1280 × 720 Sub-Stream: 640 × 480
<b>Video Frame Rate</b>	PAL: 25 fps, NTSC: 30 fps
<b>Audio Output</b>	Built-in Omnidirectional Microphone
<b>Audio Output</b>	Built-in Loudspeaker
<b>Audio Compression Standard</b>	G.711 U
<b>Audio Compression Rate</b>	64 Kbps
<b>Audio Quality</b>	Noise Suppression and Echo Cancellation
<b>Internal Card Reader</b>	-
<b>Door Magnetic Detection</b>	Detects Door Magnetic Status
<b>Light Supplement Mode</b>	IR Supplement
<b>Ethernet</b>	10/100 Mbps Self-adaptive Ethernet
<b>Network Protocol</b>	TCP/IP, RTSP
<b>Alarm Input</b>	Door Magnetic Alarm
<b>Network Interface</b>	1 RJ-45 10/100 Mbps Self-adaptive Ethernet Interface
<b>RS-485</b>	-
<b>I/O Input</b>	1
<b>I/O Output</b>	1 Relay Output
<b>Material</b>	Wall Mounting Shield: Zinc Alloy Front Panel: Zinc Alloy Rear Panel: Aluminum Alloy Wall Mounting Plate: Secc
<b>Power Supply</b>	Standard PoE [Power over Ethernet]
<b>Power Consumption</b>	≤12 W
<b>Working Temperature</b>	-30°C to +50°C (-22°F to 122°F)
<b>Working Humidity</b>	10% to 90%
<b>IP/IK Protection Level</b>	IP66 / IK9
<b>Dimensions (L × W × H)</b>	161.9 mm × 74.1 mm × 53.2 mm (6.37" × 2.92" × 2.09")
<b>Certification</b>	ROHS, REACH, WEEE, GOST, CE, FCC, UL

Model	DS-KM8301
Image	
	(Master Station)
<b>Processor</b>	High-Performance Embedded SOC Processor
<b>Operation System</b>	Embedded Linux Operation System
<b>Camera</b>	CMOS 0.3 MP
<b>Video Compression Standard</b>	H.264
<b>Resolution</b>	1280×720 704×576
<b>Video Frame Rate</b>	25 fps, 12.5 fps
<b>Display Screen</b>	7-Inch Colorful TFT LCD
<b>Display Resolution</b>	1024 × 600
<b>Operation Method</b>	Capacitive Touch Screen, Touch Key, Physical Button
<b>Audio Output</b>	Built-in Omnidirectional Microphone + External Handset
<b>Audio Output</b>	Built-in Loudspeaker + External Handset
<b>Audio Compression Standard</b>	G.711 U
<b>Audio Compression Rate</b>	64 Kbps
<b>Audio Quality</b>	Noise Suppression and Echo Cancellation
<b>Ethernet</b>	10/100/1000 Mbps Self-adaptive Ethernet
<b>Network Protocol</b>	TCP/IP, RTSP
<b>Network Interface</b>	1 RJ-45 10/100/1000 Mbps Self-adaptive Ethernet Interface
<b>RS-485</b>	-
<b>I/O Input</b>	2 RS-485 Half-Duplex Port
<b>I/O Output</b>	4 On-Off Input
<b>USB</b>	1 USB Interface for Inserting U-Disk
<b>Material</b>	Plastic
<b>Power Supply</b>	12 VDC
<b>Power Consumption</b>	≤10 W
<b>Working Temperature</b>	-10°C to +55°C (14°F to 131°F)
<b>Working Humidity</b>	10% to 90%
<b>Dimensions (L × W × H)</b>	436 mm × 215 mm × 67 mm (17.2" × 8.5" × 2.6")
<b>Certification</b>	CE, FCC, CE, C-TICK

# Video Intercom

## 2-wire Series

### Real Security Really Convenient

Hikvision 2-wire Video Intercom system includes both indoor and outdoor video intercom stations powered by a distributor that only needs 2-wires for power, audio, video and control signal transmission. This gives you a great advantage when you're upgrading an old intercom system. With fewer wires required, you can simply reuse the existing wirings. Installation becomes easy, fast, and cost-effective. These advanced features come together to bring vivid video images and clear audio transmissions.

#### ➤ Excellent Image Quality

- Fisheye camera, 2 MP, WDR, Night Vision

#### ➤ Easy Controls & Multiple Applications

- Mobile control / Access control / Dual lock control
- Public password / Duress password / Message
- / Do not disturb / Custom ringtone

#### ➤ Easy Installation

- Can work with existing wiring

- Long-distance transmission

#### ➤ User Friendly Design

- Touch screen, call-log status, image capture
- Expansion-ready with various modules

#### ➤ CCTV Integration

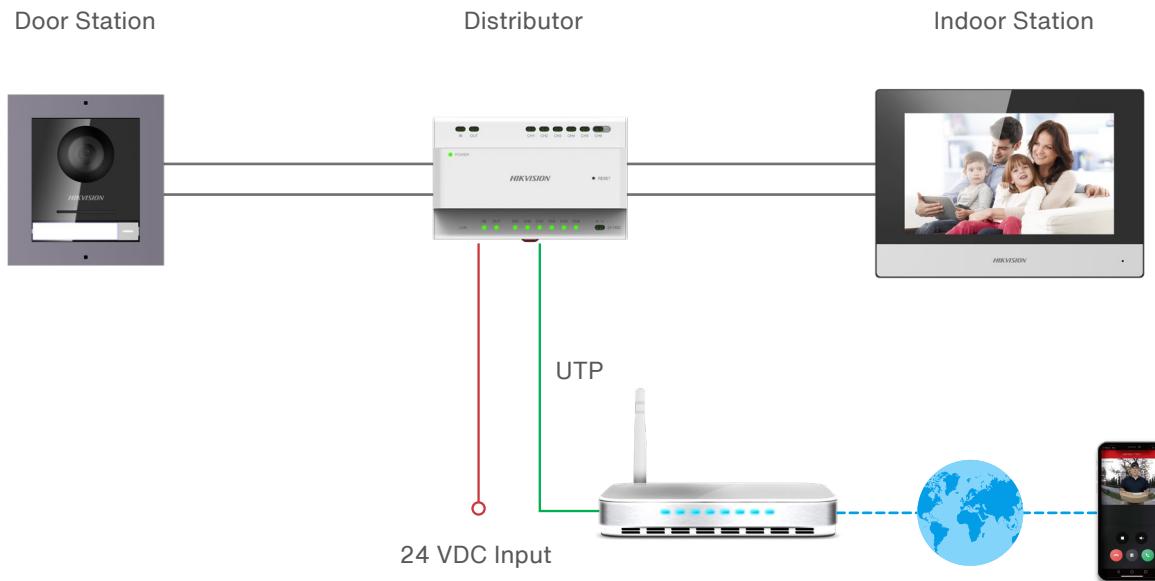
- All-in-one client management
- Video recording to DVRs / NVRs
- IP camera monitoring



## 2-wire Series

### 2-wire IP Series Video Intercom - Villa Solution

Audio & Video Signal, Power Supply, and Control Signal  
**All transmitted over  
2-wire cable**



Door Station  
DS-KD8003-IME2/Surface



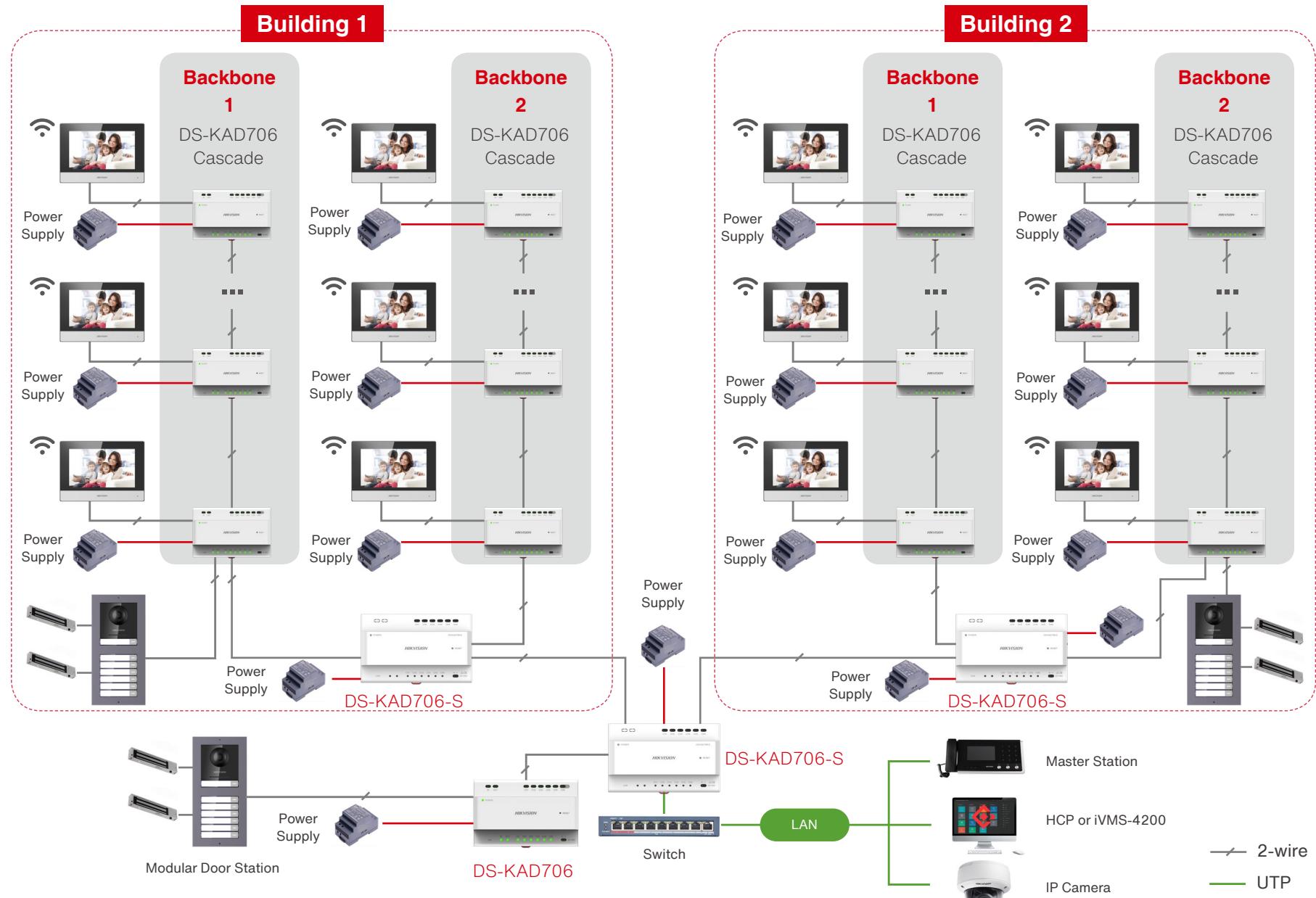
Indoor Station  
DS-KH6320-WTE2



Distributor  
DS-KAD706

# 2-wire Series

## 2-wire IP Series Video Intercom - Apartment Solution





Main Unit  
DS-KD8003-IME2



Keypad Module  
DS-KD-KP



Blank Module  
DS-KD-BK



Information Module  
DS-KD-INFO



Card reader Module  
DS-KD-E/M



Nametag Module  
DS-KD-KK



Display Module  
DS-KD-DIS



Indicator Module  
DS-KD-IN



Indoor Station  
DS-KH6320-WTE2



Distributor  
DS-KAD706



Distributor  
DS-KAD706-S

Door Station		Distributor		Indoor Station	
Model	DS-KD8003-IME2	Model	DS-KAD706	Model	DS-KH6320-WTE2
Image		Image		Image	
Processor	High-Performance Embedded SOC Processor	Ethernet	10/100M Interface	Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	2-Wire Interface	6-ch 2-wire Interface	Display Screen	7-Inch Colorful TFT LCD
Camera	CMOS Low Illumination 2 MP HD Colorful 180° Fisheye Camera	Power Supply	24 VDC	Display Resolution	1024 × 600
Video Compression Standard	H.264	Power Consumption	< 9W	Operation Method	Capacitive Touch Screen
Resolution	1920 × 1080	Working Temperature	10°C to +50°C (14°F to 122°F)	Video Compression Standard	H.264
Audio Input	Built-in Omnidirectional Microphone	Working Humidity	10% to 90%, No Condensation	Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Dimensions[L × W × H]	—	Audio Output	Built-in Loudspeaker
Audio Compression Standard	G.711 U			Audio Quality	Noise Suppression and Echo Cancellation
Audio Compression Rate	64 Kbps			2-Wire Interface	2-wire Interface
Audio Quality	Noise Suppression and Echo Cancellation			RS-485	1 RS-485 Half-Duplex Port
Door Magnetic Detection	Detects Door Magnetic Status			I/O Output	2 Relay Output
Light Supplement Mode	IR Supplement			Power Supply	24 VDC, Power over 2-wire cable [DS-KAD706]
Alarm Input	Door Magnetic Alarm, Tampering Alarm			Power Consumption	≤ 6 W
2-Wire Interface	Support			Working Temperature	-10°C to +50°C (-14°F to 122°F)
RS-485	1 RS-485 Half-Duplex Port			Working Humidity	10% to 90%
I/O Input	4			Dimensions [L × W × H]	200 mm × 140 mm × 15.1 mm (7.87" × 5.51" × 0.59")
Relay	2(30V, 1A)				
Material	—				
Power Supply	24 VDC, Power over 2-wire cable [DS-KAD706]				
Power Consumption	≤ 16 W				
Working Temperature	-40°C to +60°C (-40°F to 140°F)				
Working Humidity	10% to 95%				
IP Protection Level	IP65				
Dimensions [L × W × H]	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")				

# Video Intercom

## Analog Series

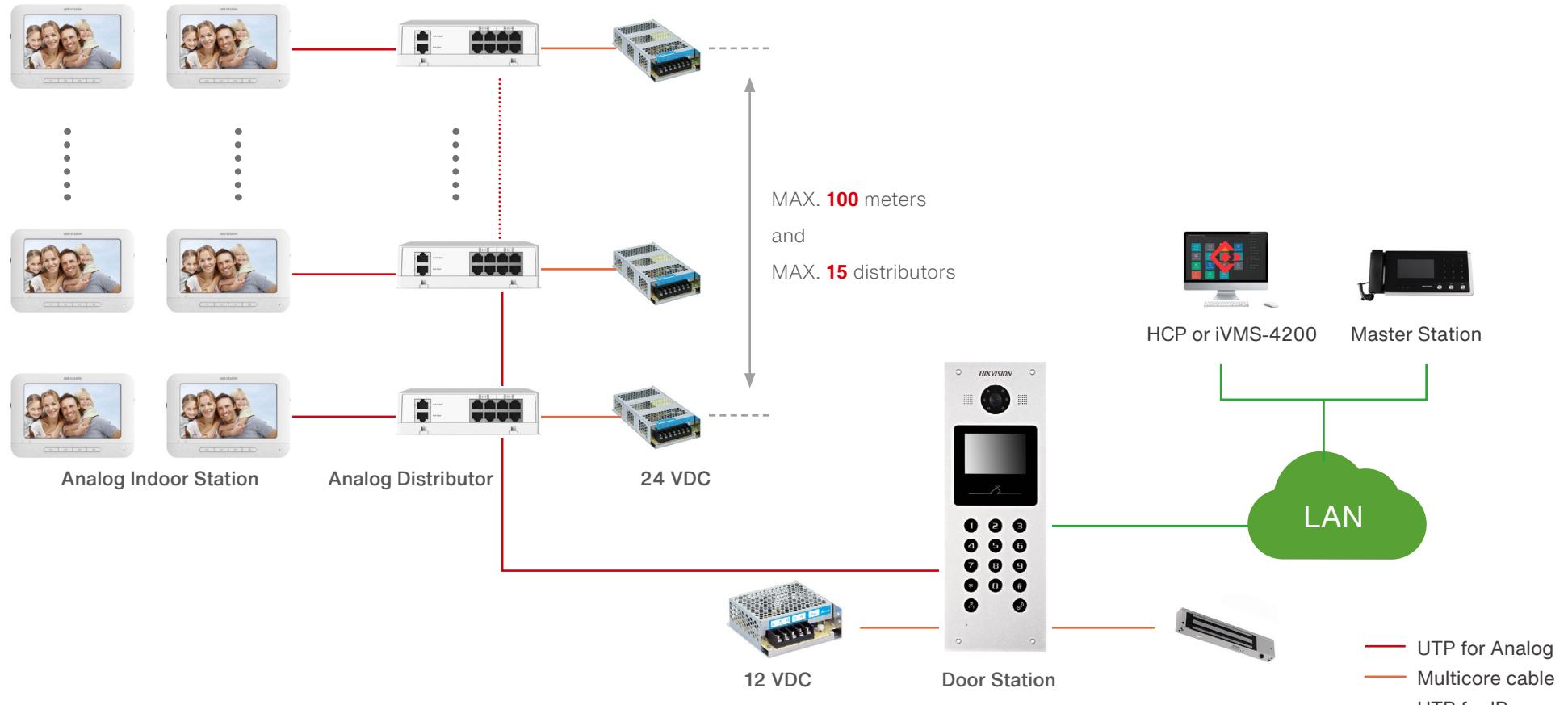
An Economical Choice for Intercom

Hikvision Analog Indoor Stations are more budget-friendly compared to the IP indoor stations. It is the ideal solution for limited-budget apartment intercom system.

- Plug & Play
- HD camera for video intercom and security
- Competitive pricing
- Easy wiring with just one cable / network cable



# Analog Series



Door Station  
DS-KD3002-VM/Analog



Indoor Station  
DS-KH3200-L



Distributor  
DS-KAD308

**Apartment Door Station****Distributor****Indoor Station**

Model	DS-KD3002-VM/Analog
<b>Image</b>	
	(Analog Apartment Door Station)
<b>Processor</b>	High-Performance Embedded SOC Processor
<b>Operation System</b>	Embedded Linux Operation System
<b>Camera</b>	CMOS Low Illumination 1.3 MP HD Colorful Camera
<b>Video Compression Standard</b>	H.264
<b>Resolution</b>	1280 × 720
<b>Video Frame Rate</b>	PAL: 25 fps, NTSC: 30 fps
<b>Display Screen</b>	3.5-Inch Colorful TFT LCD
<b>Display Resolution</b>	480 × 320
<b>Operation Method</b>	Physical Keypad
<b>Operation Interface</b>	LCD Display, Easy Menu
<b>Audio Output</b>	Built-in Omnidirectional Microphone
<b>Audio Output</b>	Built-in Loudspeaker
<b>Audio Compression Standard</b>	G.711 U
<b>Audio Compression Rate</b>	64 Kbps
<b>Audio Quality</b>	Noise Suppression and Echo Cancellation
<b>Internal Card Reader</b>	Built-in IC Card Reader
<b>External Card Reader</b>	Wiegand 26, Wiegand 34, or RS-485 IC Reader
<b>Door Magnetic Detection</b>	Detects Door Magnetic Status
<b>Light Supplement Mode</b>	Visible Light Supplement
<b>Ethernet</b>	10 / 100 / 1000 Mbps Self-adaptive Ethernet
<b>Network Protocol</b>	TCP/IP, RTSP
<b>Alarm Input</b>	Door Magnetic Alarm, Tampering Alarm
<b>Network Interface</b>	1 RJ-45 10 / 100 / 1000 Mbps Self-adaptive Ethernet Interface
<b>RS-485</b>	1 RS-485 Half-Duplex Port
<b>I/O Input</b>	4
<b>I/O Output</b>	2
<b>Wiegand</b>	1 Wiegand Port for Accessing Wiegand Card Reader
<b>USB</b>	1 USB 2.0 for updating, Supporting U-Disk
<b>Material</b>	Aluminum Alloy
<b>Power Supply</b>	12 VDC
<b>Power Consumption</b>	≤15 W
<b>Working Temperature</b>	-40°C to +60°C (-40°F to 140°F)
<b>Working Humidity</b>	10% to 90%
<b>IP/IK Protection Level</b>	IP65
<b>Dimensions(L × W × H)</b>	357 mm × 124 mm × 55 mm (14.1" × 4.9" × 2.2")

Model	DS-KAD312	DS-KAD308
<b>Image</b>		
	(Video / Audio Distributor)	(Video / Audio Distributor)
<b>Interface</b>	1 Bus Input, 1 Bus Output, 12 Output Interfaces	1 Bus Input, 1 Bus Output, 8 Output Interfaces
<b>Power Supply</b>	24 VDC	24 VDC
<b>Power Consumption</b>	≤ 5W	≤ 5W
<b>Working Temperature</b>	-15°C to +55°C (5°F to 131°F)	-15°C to +55°C (5°F to 131°F)
<b>Working Humidity</b>	10% to 90%, No Condensation	10% to 90%, No Condensation
<b>Dimensions (L × W × H)</b>	157.7 mm × 131 mm × 51.7 mm (6.21" × 5.16" × 2.04")	157.7 mm × 131 mm × 51.7 mm (6.21" × 5.16" × 2.04")

Model	DS-KH3200-L
<b>Image</b>	
	(Analog Apartment Indoor Station)
<b>Display Screen</b>	7-Inch Colorful TFT LCD
<b>Display Resolution</b>	800 × 480
<b>Operation Method</b>	Physical Button
<b>Audio Input</b>	Built-in Omnidirectional Microphone
<b>Audio Output</b>	Built-in Loudspeaker
<b>Audio Quality</b>	Noise Suppression
<b>Alarm Input</b>	4-ch Alarm Input Sensor
<b>Network Interface</b>	1 RJ-45 Interface
<b>Power Supply</b>	24 VDC
<b>Power Consumption</b>	≤ 5W
<b>Working Temperature</b>	-10°C to +55°C (14°F to 131°F)
<b>Working Humidity</b>	10% to 90%
<b>Dimensions (L × W × H)</b>	197.7 mm × 132.8 mm × 18 mm (7.8" × 5.2" × 0.7")

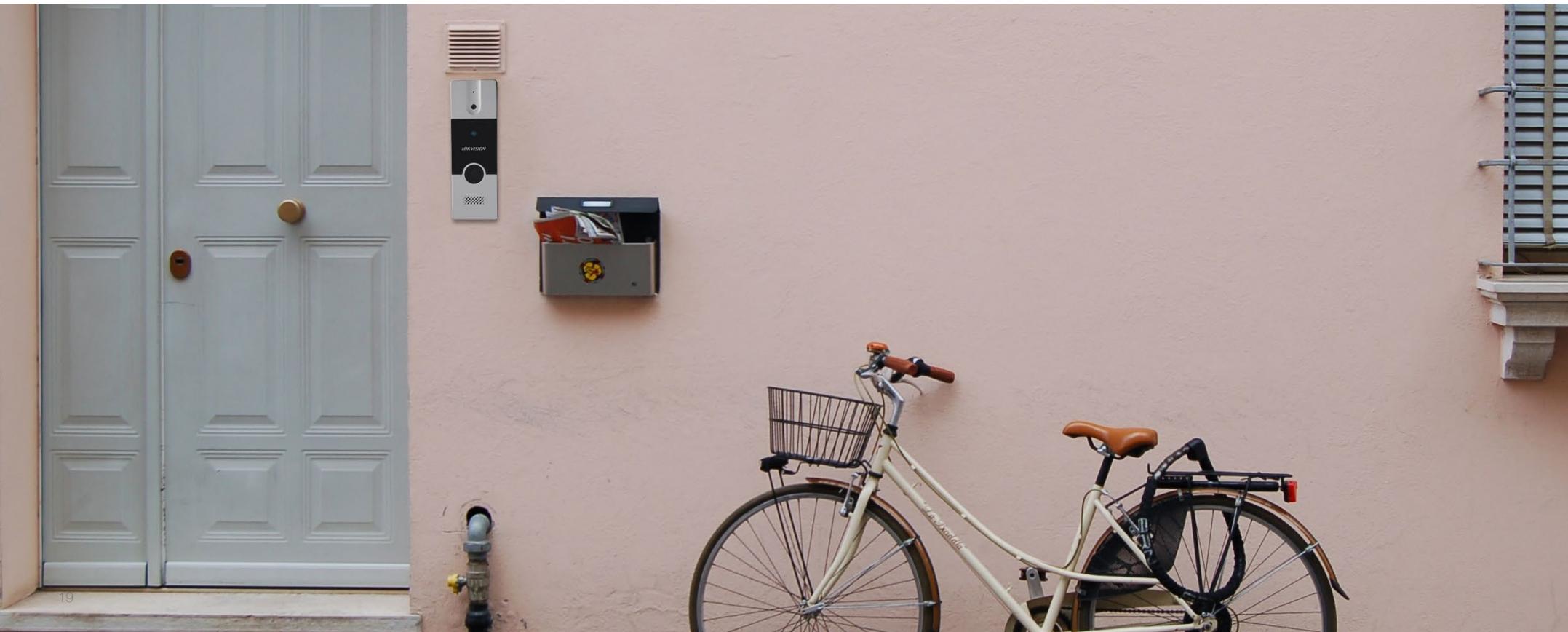
# Video Intercom

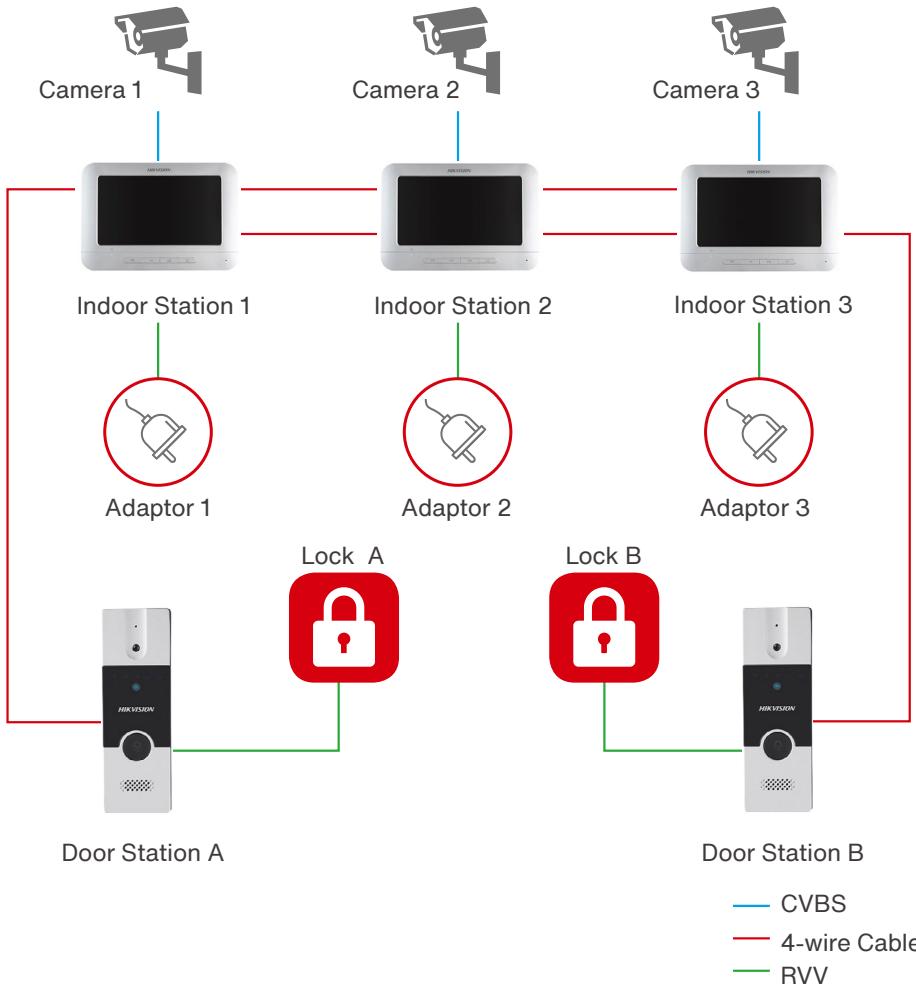
## 4-wire Series

### Security Starts from Your Door

In traditional homes, visitors knock or use the doorbell – and security is non-existent. Now, Hikvision's 4-wire Video Intercom Kit can easily solve all these, making your home more secure and comfortable.

- › Plug & Play
- › One touch calling, supports maximum 2 door stations and 3 indoor stations
- › Competitive pricing





Indoor Station		
Model	DS-KH2220	DS-KH2220-S
Image		
Display Screen	7-Inch Colorful TFT LCD	7-Inch Colorful TFT LCD
Display Resolution	800 × 480	800 × 480
Operation Method	Physical Button	Physical Button
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
4-wire Interface	4 Four-Wire Interfaces, 1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding	4 Four-Wire Interfaces, 1-ch Video Input, 1-ch Audio Input/Output, 1-ch Power Supply, 1-ch Grounding
Power Supply	12 VDC	12 VDC
Power Consumption	≤5 W	≤5 W
Working Temperature	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]
Working Humidity	10% to 90%	10% to 90%
Dimensions (L × W × H)	195.8 mm × 132.8 mm × 18.39 mm [7.7" × 5.2" × 0.7"]	195.8 mm × 132.8 mm × 18.39 mm [7.7" × 5.2" × 0.7"]

Video Intercom

## Kit

One Package for Your Complete Solution

- All-in-one system
- Convenient delivery as a kit



• NEW



### Standard PoE IP Video Intercom Kit

DS-KIS602

Door Station: DS-KD8003-IME1/Surface

Indoor Station: DS-KH6320-WTE1

Standard PoE Switch: DS-3E0105P-E/M

16GB TF card included in the Kit

• NEW • HOT



### Standard PoE IP Video Intercom Kit

DS-KIS603-P

Door Station: DS-KV6113-WPE1

Indoor Station: DS-KH6320-WTE1

• NEW

**Standard PoE IP Video Intercom Kit**

DS-KIS604-P

Door Station: DS-KV8113-WME1  
Indoor Station: DS-KH6320-WTE1  
16GB TF card included in the Kit

• NEW • HOT

**Standard PoE IP Video Intercom Kit**

DS-KIS604-S

Door Station: DS-KV8113-WME1  
Indoor Station: DS-KH6320-WTE1  
Standard PoE Switch: DS-3E0105P-E/M  
16GB TF card included in the Kit

• NEW

**Facial IP Intercom Kit**

DS-KIS901-P

Face Recognition Terminal: DS-K1T341AM  
Indoor Station: DS-KV8350-WPE1



### 2-wire IP Video Intercom Kit

DS-KIS702

Door Station: DS-KD8003-IME2/Surface

Indoor Station: DS-KH6320-WTE2

Video / Audio Distributor: DS-KAD704

Power Supply: DS-KAW30-2N

16GB TF card included in the Kit

• NEW



### 2-wire IP Video Intercom Kit

DS-KIS702-P

Door Station: DS-KD8003-IME2

Indoor Station: DS-KH6320-WTE2

Video / Audio Distributor: DS-KAD704

16GB TF card included in the Kit

• NEW



### 2-wire IP Video Intercom Kit

DS-KIS703-P

Door Station: DS-KV8103-IMPE2

Indoor Station: DS-KH6320-WTPE2



**Analog Villa Video Intercom Kit**

DS-KIS202

Door Station: DS-KB2411-IM

Indoor Station: DS-KH2220



**Analog Villa Video Intercom Kit**

**(Waterproof Kit)**

DS-KIS203

Door Station: DS-KB2421-IM

Indoor Station: DS-KH2220



**Analog Villa Video Intercom Kit**

**(Picture-capturing Kit)**

DS-KIS204

Door Station: DS-KB2411-IM

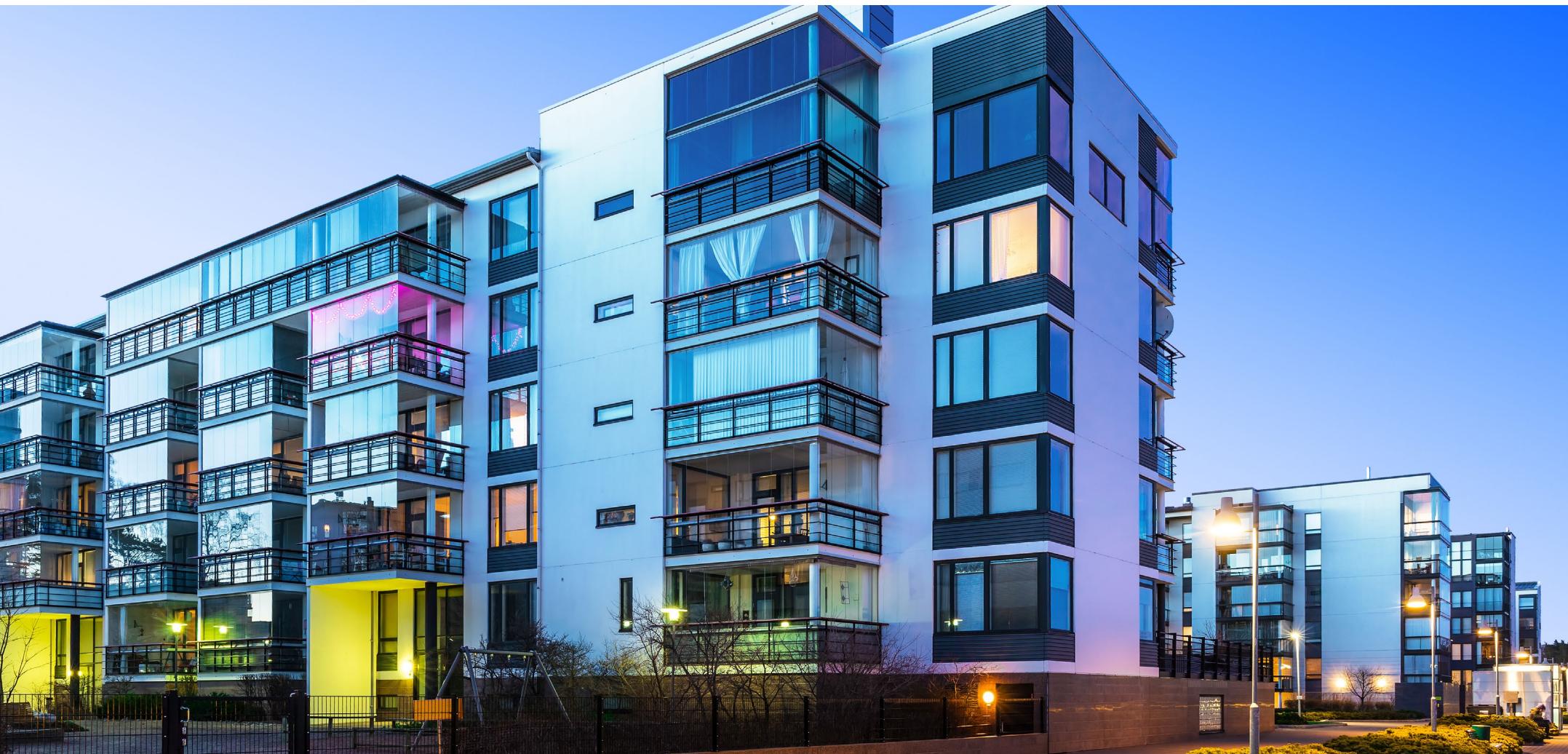
Indoor Station: DS-KH2220-S

Video Intercom

## Accessories

Brackets & Gang Boxes for Video Intercom

- › Solid and stable
- › Insulated
- › Convenient design



Model	DS-KAB86	DS-KAB01	DS-KAB02	DS-KAB10-D	DS-KAB11-D
Image					
Material	PVC	Stainless Steel SUS201	Stainless Steel SUS201	Stainless Steel	Stainless Steel
Working Temperature	-5°C to +60°C (23°F to 140°F)	-30°C to +70°C (-22°F to 158°F)	-30°C to +70°C (-22°F to 158°F)	-40°C to +70°C (-40°F to 158°F)	-40°C to +70°C (-40°F to 158°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimension (L × W × H)	81 mm × 78 mm × 50 mm (3.19" × 3.07" × 1.97")	212 mm × 115 mm × 80 mm (8.35" × 4.53" × 3.15")	193 mm × 106 mm × 80 mm (7.60" × 4.17" × 3.15")	489.6 mm × 171.88 mm × 105.41 mm (19.28" × 6.77" × 4.15")	424 mm × 149 mm × 98 mm (16.69" × 5.87" × 3.86")

Model	DS-KAB13-D	DS-KAB03-V	DS-KAB21-H	DS-KAB8103-IMEX
Image				
Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Working Temperature	-40°C to +70°C (-40°F to 158°F)	-40°C to +70°C (-40°F to 158°F)	-10°C to +55°C (14°F to 131°F)	-40°C to +70°C (-40°F to 158°F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimension (L × W × H)	360 mm × 128 mm × 86 mm (14.17" × 5.04" × 3.39")	172.3 mm × 100 mm × 71 mm (6.78" × 3.94" × 2.8")	131 mm × 102 mm × 100 mm (5.16" × 4.02" × 3.94")	181.4mm×110.4mm×60.55mm (7.14"×4.35"×2.38")

Model	DS-KAB21-B	DS-KD-ACW1	DS-KD-ACW2	DS-KD-ACW3
Appearance				
	<span style="border: 1px solid red; border-radius: 15px; padding: 2px;">Convenient Design Available for the Wall Mounting of the Doorbell (DS-KB2421-IM)</span>	<span style="border: 1px solid red; border-radius: 15px; padding: 2px;">Adapts to One-module Surface Mounting</span>	<span style="border: 1px solid red; border-radius: 15px; padding: 2px;">Adapts to Two-module Surface Mounting</span>	<span style="border: 1px solid red; border-radius: 15px; padding: 2px;">Adapts to Three-module Surface Mounting</span>
Material	Stainless Steel	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Working Temperature	-40°C to +70°C [-40°F to 158°F]	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]
Working Humidity	10% to 90%	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	181.4mm×110.4mm×60.55mm [7.14"×4.35"×2.38"]	Cover: 117 × 107 × 4 mm [4.61" × 4.21" × 0.16"] /Installation Frame: 117 × 107 × 32.7 mm [4.61" × 4.21" × 1.29"]	Cover: 219 × 107 × 4 mm [8.62" × 4.21" × 0.16"] /Installation Frame: 219 × 107 × 32.7 mm [8.62" × 4.21" × 1.29"]	Cover: 320.8 × 107 × 4 mm [12.6" × 4.21" × 0.16"] /Installation Frame: 320.8 × 107 × 32.7 mm [12.6" × 4.21" × 1.29"]

Model	DS-KD-ACF1/Plastic	DS-KD-ACF2/Plastic	DS-KD-ACF3/Plastic
Appearance			
	<span style="border: 1px solid red; border-radius: 15px; padding: 2px;">Adapts to One-module Flush Mounting</span>	<span style="border: 1px solid red; border-radius: 15px; padding: 2px;">Adapts to Two-module Flush Mounting</span>	<span style="border: 1px solid red; border-radius: 15px; padding: 2px;">Adapts to Three-module Flush Mounting</span>
Material	Aviation Aluminum	Aviation Aluminum	Aviation Aluminum
Working Temperature	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]	-40°C to +60°C [-40°F to 140°F]
Working Humidity	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	Cover: 134 × 124 × 4 mm [5.28" × 4.88" × 0.16"] /Installation Frame: 134 × 124 × 4 mm [5.28" × 4.88" × 0.16"]	Cover: 236 × 124 × 4 mm [9.29" × 4.88" × 0.16"] /Installation Frame: 219 × 107 × 32.7 mm [8.62" × 4.21" × 1.29"]	Cover: 337.8 × 124 × 4 mm [13.3" × 4.88" × 0.16"] /Installation Frame: 320.8 × 107 × 32.7 mm [12.6" × 4.21" × 1.29"]

Model	DS-KABH8350-T	DS-KABH6320-T	Model	-	DS-KABD8003-RS1	DS-KABD8003-RS2	DS-KABD8003-RS3
Image			Appearance				
Material	SUS430, Silica Gel	SUS430, Silica Gel	Material	Aviation Aluminum	-	-	-
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	Working Temperature	-40°C to +60°C (-40°F to 140°F)			
Working Humidity	10% to 90%	10% to 90%	Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%
Dimension (L × W × H)	95mm × 83mm × 98.9mm (3.74" × 3.27" × 3.89")	122mm × 86mm × 64mm (4.80" × 3.39" × 2.52")	Dimension (L × W × H)	Cover: 219 × 107 × 4 mm (8.62" × 4.21" × 0.16")	-	-	-

# ACCESS CONTROL

**032** MinMoe Face Recognition Terminal Touch-free, Access is Easier than Ever

**037** Fingerprint / Card Terminal

**042** Access Controller

**045** Reader

**048** Card / Fingerprint / Face Enroller

**050** Elevator Controller

**051** Access Control Secure Module

**058** Barrier Gate

**061** Management Software

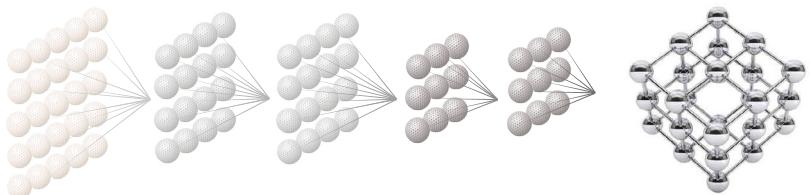


# Deep Learning TECHNOLOGY

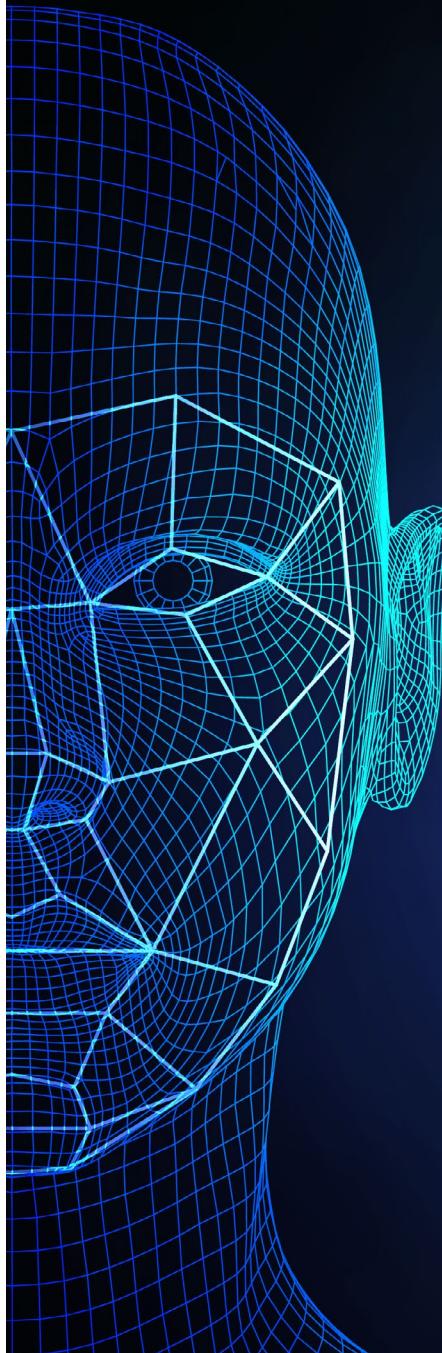
Hikvision's face recognition terminals are embedded with Deep Learning algorithms for access control and office scenarios for improving building operations, workforce management and safety operations.

Deep learning technology:

The algorithmic model for deep learning has a much deeper structure than the two 3-layered structures of traditional algorithms. In deep learning, an original signal passes through layers of processing; next, it takes a partial understanding (shallow) to an overall abstraction (deep) where it can perceive an object.



Deep learning does not require manual intervention but relies on a computer to extract features by itself. The more features there are, the more accurate the recognition and classifications will be.



## Access Control

# MinMoe Face Recognition Terminal

## Touch-free, Access is Easier than Ever

Ensure Security with Various Custom Terminals

- Deep Learning algorithm
- Anti-spoofing detection
- Recognition in zero-light environment
- Web configuration
- Access control & time attendance
- Multiple verification methods
- Hik-Connect APP
- Video intercom & CCTV system integration

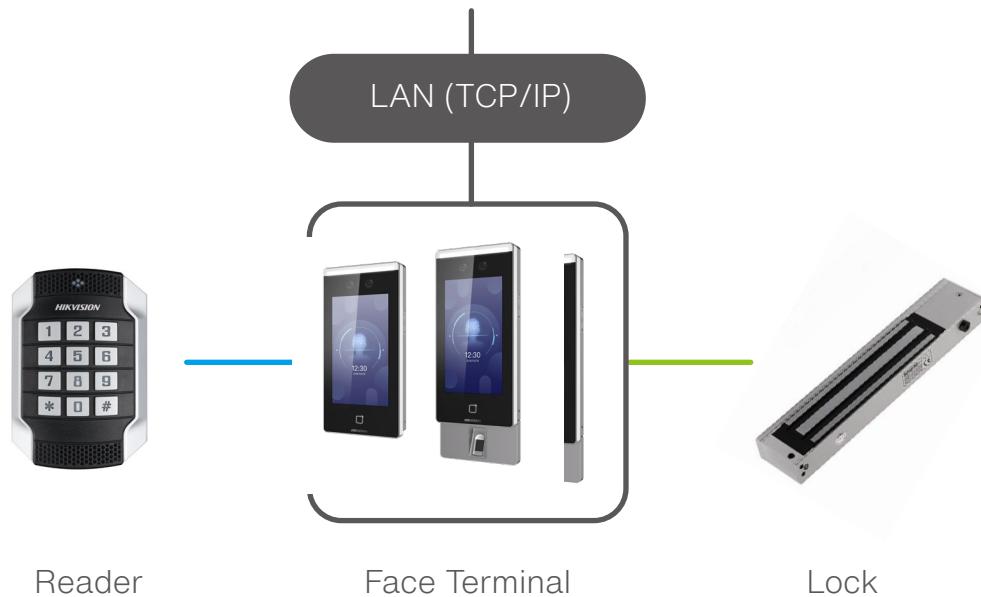
**MinMoe**  
Face Recognition Terminals





- TCP/IP
- RS485
- Multicore cable

Management Software



Model	DS-K1T331/W	DS-K1T341AM	DS-K1T341AMF	DS-K1T642M, DS-K1T642E	DS-K1T642MF, DS-K1T642EF
Image	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Terminal
Power Supply	12 VDC / 1.5A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Face: 300 Events: 150,000	Faces: 1,500 Cards: 1,500 Events: 150,000	Cards: 1,500 Face: 1,500 Fingerprint: 1,500 Events: 150,000	Faces: 6,000 Cards: 10,000 Events: 150,000	Faces: 6,000 Cards: 10,000 Fingerprint: 5,000 Events: 150,000
Card Reading Mode	-	MIFARE 1 card	MIFARE 1 card	DS-K1T642M: Mifare card DS-K1T642E: 125 KHz EM card	DS-K1T642MF: Mifare card DS-K1T642EF: 125 KHz EM card
Communication Mode	TCP / IP, Wi-Fi (for W series), RS-485 ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)
LCD Screen	3.97-inch LCD Touch Screen; Resolution: 800*480	4.3-inch capacitive touch screen Resolution: 800*480	4.3-inch capacitive touch screen Resolution: 800*480"	4.3-inch capacitive touch screen Resolution: 800*480"	4.3-inch capacitive touch screen Resolution: 800*480"
Camera	2 MP dual-lens camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Face Authentication Duration	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s	1:N<0.2s
Fingerprint Capacity	-	-	Max.1,500 Fingerprints	-	Max. 5,000 Fingerprints
Input Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1,Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1	Lock × 1	Lock × 1	Lock × 1	Lock × 1
Working Temperature	-10°C to +50°C (14°F to 122°F)	-30°C to +60°C (22°F to 140°F)	-30°C to +60°C (22°F to 140°F)	-10°C to +50°C (-58°F to 122°F)	-10°C to +50°C (-58°F to 122°F)
Protection Level	-	IP65	IP65	-	-
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	120 mm x 110 mm x 23 mm (4.89" x 4.34" x 0.91")	172.5 mm x 83.2mm x 22.7 mm (6.79" x 3.28" x 0.89")	172.5 mm x 83.2mm x 22.7 mm (6.79" x 3.28" x 0.89")	118 mm x 118mm x 24 mm (4.65" x 4.65" x 0.94")	118 mm x 118mm x 24 mm (4.65" x 4.65" x 0.94")

Model	DS-K1T642MW, DS-K1T642EW	DS-K1T642MFW, DS-K1T642EFW	DS-K1T671M	DS-K1T671MF	DS-K1T671TMW
Image	 <span style="color:red">NEW</span>	 <span style="color:red">NEW</span>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC / 2 A	12 VDC / 2 A	12 VDC / 2 A
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Faces:6,000 Cards: 10,000 Events: 150,000	Faces:6,000 Cards: 10,000 Fingerprint: 5,000 Events: 150,000	Cards: 6,000 Face: 6,000 Events: 50,000	Cards: 6,000 Face: 6,000 Fingerprint: 5,000 Events: 50,000	Cards: 50,000 Face: 50,000 Events: 100,000
Card Reading Mode	DS-K1T642MW: Mifare card DS-K1T642EW: 125 KHz EM card	DS-K1T642MFW: Mifare card DS-K1T642EFW: 125 KHz EM card	MIFARE 1 Card	MIFARE 1 Card	MIFARE 1 Card
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand ISUP5.0(Ehome5.0)	TCP / IP, RS-485, Wiegand ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485, Wiegand
LCD Screen	4.3-inch capacitive touch screen Resolution: 800*480"	4.3-inch capacitive touch screen Resolution: 800*480"	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR
Face Authentication Duration	1:N<0.2s	1:N<0.2s	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s
Fingerprint Capacity	-	Max. 5,000 Fingerprints	-	Max. 5,000 Fingerprints	-
Input Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1
Output Interface	Lock × 1	Lock × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1
Working Temperature	-10°C to +50°C (-58°F to 122°F)	-10°C to +50°C (-58°F to 122°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)
Protection Level	-	-	IP65	IP65	IP65
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	118 mm x 118mm x 24 mm (4.65" x 4.65" x 0.94")	118 mm x 118mm x 24 mm (4.65" x 4.65" x 0.94")	239 mm x 116.5 mm x 33 mm (9.41" x 4.59" x 1.30")	290 mm x 116.5 mm x 33 mm (11.41" x 4.59" x 1.30")	239 mm x 116.5 mm x 33 mm (9.41" x 4.59" x 1.30")

Model	DS-K1T671TMFW	DS-K1T672M, DS-K1T672E, DS-K1T672MW	DS-K5671-ZV	DS-K5671-ZH	DS-K5671-ZU	Model	DS-K1T671TM-3XF
Image	 Face Recognition Terminal	 Face Recognition Terminal	 Face Recognition Module for Turnstile	 Face Recognition Module for Turnstile	 Face Recognition Module for Turnstile	Image	 MinMoe Temperature Screening Terminal
Power Supply	12 VDC / 2 A	12 VDC, 2 A	12 VDC / 2 A	12 VDC / 2 A	12 VDC / 2 A	Operation System	Linux
Processor	32 Bit	32 Bit	32 Bit	32 Bit	32 Bit	Power Supply	12 VDC/2 A
Storage	Cards: 50,000 Face: 50,000 Fingerprint: 5,000 Events: 100,000	Cards: 50,000 Face: 50,000 Events: 50,000	Face: 50,000 Events: 100,000	Face: 50,000 Events: 100,000	Face: 50,000 Events: 100,000	Processor	32 Bit
Card Reading Mode	MIFARE 1 Card	DS-K1T672M: Mifare card DS-K1T672E: 125 KHz EM card	-	-	-	Storage	Face: 50,000 Card:50,000 Event: 100,000
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, RS-485, Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand	Sensor	Vanadium Oxide uncooled sensor
LCD Screen	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch capacitive touch screen with bezel-less design Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600	7-inch LCD Touch Screen; Resolution: 1024 × 600	Resolution	120 × 160
Camera	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP wide-angle dual-lens	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR	2 MP Dual-lens Camera, with IR Supplement Light, WDR	Frame Rate	25 fps
Face Authentication Duration	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s	1:N < 0.2s	Temperature Range	30°C to 45°C (86°F to 113°F)
Fingerprint Capacity	Max. 5,000 Fingerprints	-	-	-	-	Temperature Accuracy	±0.5 °C, without black body calibration
Input Interface	Door Sensor × 1, Alarm Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, IO Input × 2, Tamper × 1, Exit Button × 1, USB × 1	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1	Measuring Distance	0.5 to 1.5 m
Output Interface	Lock × 1, Alarm Output × 1	Lock × 1, IO output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Lock × 1, Alarm Output × 1	Card Reading Mode	MIFARE 1 card
Working Temperature	-30°C to +60°C (-22°F to 140°F)	-10°C to +50°C (-58°F to 122°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)	-30°C to +60°C (-22°F to 140°F)	Communication Mode	10/100/1000 Mbps self-adaptive
Protection Level	IP65	-	IP65	-	IP65	LCD Screen	7 inch touch screen
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	Camera	2 MP dual-lens camera, WDR
Dimension	290 mm × 116.5 mm × 33 mm (11.41" × 4.59" × 1.30")	185.8 mm × 103.36 mm × 20.7 mm (7.31" × 4.07" × 0.81")	428.71 mm × 126.6 mm × 100 mm (16.88" × 4.98" × 3.94")	236.96 mm × 126.6 mm × 86.54 mm (9.33" × 4.98" × 3.41")	325.19 mm × 126.6 mm × 60.79 mm (12.8" × 4.98" × 2.4")	Face Authentication Duration	1:N<0.2s
						Input Interface	Network × 1, RS-485 × 1, Wiegand × 1, USB × 2, alarm input × 2, door contact × 1, exit button × 1, tamper × 1
						Output Interface	lock ×1, alarm output× 1
						Working Temperature	0 °C to 50 °C (32 °F to 122 °F) For temperature measurement: 10 °C to 35 °C (50 °F to 95 °F)
						Working Humidity	10% to 90% (Non-Condensing)
						Dimension	282.78mm x 116.5mm x 36.7mm (11.13" x 4.59" x 1.44")

Video Intercom

Access Control

Security Alarm

# Access Control

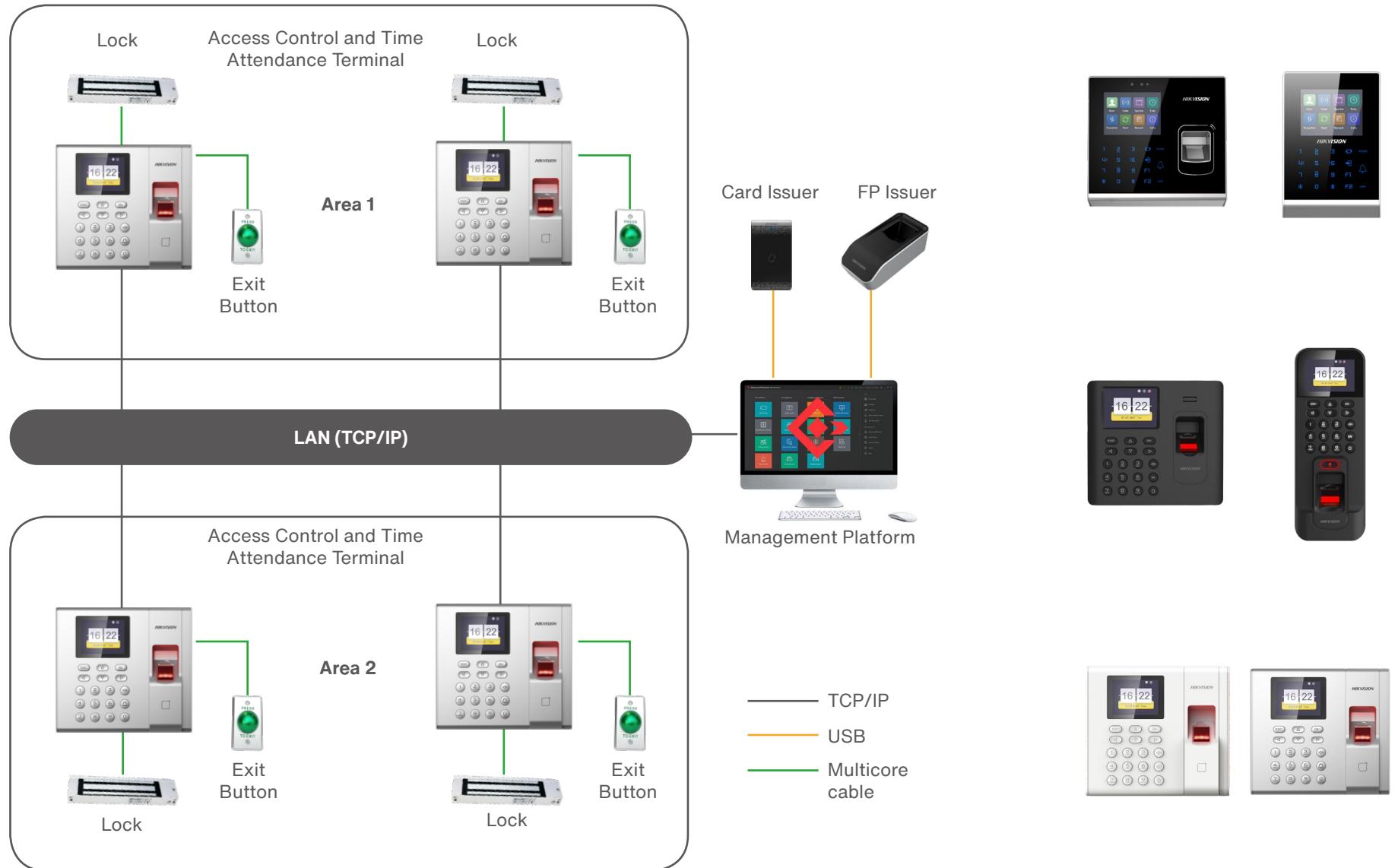
## Fingerprint / Card Terminal

### Ensure Security with Various Custom Terminals

Hikvision's economical standalone terminal integrates its latest fingerprint algorithm. Identification is faster and time attendance reports are more accurate. Applications for this technology in the SMB market are expansive, including shops, retail stores, and more. Hikvision's access control brings power and efficiency to your business.

- Multiple authentication methods: custom combinations of fingerprints / cards / passwords
- Supports access control secure module, vastly improving security levels  
WAN connection by E-Home protocol supports multiple-location management
- Multiple methods to enroll fingerprints: local devices / remote devices / fingerprint enrollers
- Import / export system parameters via USB
- Local time & attendance recording  
(DS-K1T8003 / DS-K1A8503 / DS-K1T804A / DS-K1A802A)





## Fingerprint Terminal

Model	DS-K1A802AF/AMF/AEF	DS-K1A802AF/AMF/AEF-B	DS-K1T804AF/AMF/AEF	DS-K1A8503F/MF/EF
Image	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: orange;">HOT</span>
	(Fingerprint Time Attendance Terminal)	(Fingerprint Time Attendance Terminal (Support backup battery))	(Fingerprint Access Control Terminal)	(Fingerprint Time Attendance Terminal)
Power Supply	12 VDC / 1A	12 VDC / 1A	12 VDC / 1A	5 VDC / 1A
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 3,000 Fingerprint: 3,000 Events: 100,000 Attendance Records: 150,000	Cards: 3,000 Fingerprint: 3,000 Events: 100,000 Attendance Records: 150,000	Cards: 3,000 Fingerprint: 3,000 Events: 100,000 Attendance Records: 150,000	Cards: 1,000 Fingerprint: 1,000 Events: 100,000
Card Reading Mode	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1A802AF)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1A802F-B)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1T804F)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1A8503F)
Communication Mode	TCP / IP, Wi-Fi, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485 (for Secure Door Control Unit), Wiegand, ISUP5.0(Ehome5.0)	TCP / IP, ISUP5.0(Ehome5.0)
LCD Screen	2.4-inch LCD display screen	2.4-inch LCD display screen	2.4-inch (320 × 240 LCD-TFT Display Screen)	2.4-inch LCD Display Screen
Camera	-	-	-	-
Fingerprint Capacity	Max. 3,000 Fingerprints	Max. 3,000 Fingerprints	Max. 3,000 Fingerprints	Max. 1,000 Fingerprints
Fingerprint Authentication Duration	1:N < 1s	1:N < 1s	1:N < 1s	1:N < 1s
Input Interface	USB 2.0	USB	Exit Button × 1, Door Sensor × 1, Alarm Input × 1, USB2.0 × 1	USB
Output Interface	-	-	Lock Relay × 1, Alarm Output × 1	-
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	205mm×76.5mm×37 mm (8.07"×3.01"×1.46")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")

Model	DS-K1A8503F/MF/EF-B	DS-K1T8003F/MF/EF	DS-K1T201MF/EF(-C)	DS-K1T501SF
Image	 Fingerprint Time Attendance Terminal (Support backup battery)	 Fingerprint Access Control Terminal	 Fingerprint Access Control Terminal	 Video Access Control Terminal
Power Supply	5 VDC / 1A	12 VDC /1A	12 VDC	12 VDC
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 1,000 Fingerprint: 1,000 Events: 100,000	Cards: 1,000 Fingerprint: 1,000 Events: 100,000	Cards: 100,000 Fingerprint: 5,000 Events: 300,000	Cards: 50,000 Fingerprint: 5,000 Events: 200,000
Card Reading Mode	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1A8503F)	EM Card (for E series) MIFARE 1 Card (for M series) (Swiping Card is Not Available for DS-K1T8003F)	EM Card (for E series) MIFARE 1 Card (for M series)	MIFARE 1 Card
Communication Mode	TCP / IP, ISUP5.0(Ehome5.0)	TCP / IP, ISUP5.0(Ehome5.0)	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi,RS-485, Wiegand
LCD Screen	2.4-inch LCD Display Screen	2.4-inch LCD Display Screen	320 × 240 [pixel] LCD-TFT Display Screen	-
Camera	-	-	2 MP (for -C series)	2 MP, Video Recording
Fingerprint Capacity	Max. 1,000 Fingerprints	Max. 1,000 Fingerprints	Max. 5,000 Fingerprints(for F series)	Max. 5,000 Fingerprints
Fingerprint Authentication Duration	1:N < 1s	1:N < 1s	1:N<1.5s	1:N < 1s
Input Interface	USB2.0 × 1	Exit Button × 1, Door Sensor× 1, USB2.0 × 1	Doorbell × 1, Tamper Alarm × 1, Exit Button × 1, Door Sensor × 1, Alarm Input × 2	Doorbell Button × 1 ,Door Sensor × 1 ,Alarm Input× 2,Exit Button × 1 ,Tamper × 1
Output Interface	-	Lock Relay × 1, Doorbell Output × 1	Lock Relay × 1, Alarm Output × 1	Lock × 1, Alarm Output (Doorbell) × 1
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	IP65, -40°C to +60°C (-40°F to 140° F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	137mm × 142mm × 35mm (5.4" × 5.6" × 1.4")	218 mm × 78 mm × 41 mm (8.58" × 3.07" × 1.61")

## Card Terminal

Model	DS-K1T105M/E(-C)	DS-K1T801M/E	DS-K1T802M/E	DS-K1T500S
Image				
	(Standalone Access Control Terminal)	(Standalone Access Control Terminal)	(Standalone Access Control Terminal)	(Video Access Control Terminal)
Power Supply	12 VDC	12 VDC	12 VDC	12 VDC
Processor	32 Bit	32 Bit	32 Bit	32 Bit
Storage	Cards: 100,000 Events: 300,000	Cards: 3,000	Cards: 3,000 Events: 10,000	Cards: 50,000 Events: 200,000
Card Reading Mode	EM Card (for E series) MIFARE 1 card (for M series)	EM Card (for E series) MIFARE 1 Card (for M series)	EM Card (for E series) MIFARE 1 Card (for M series)	MIFARE 1
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand	-	TCP/IP	TCP / IP, Wi-Fi, RS-485, Wiegand
LCD Screen	320 × 240 LCD-TFT Display Screen	-	128 × 64 STN Screen	-
Camera	2 MP (for -C series)	-	-	2 MP, Video Monitor & Recording
Input Interface	Doorbell × 1, Tamper Alarm × 1, Exit Button × 1, Door Sensor × 1, Alarm Input × 2	Exit Button × 1, Door Sensor × 1	Exit Button × 1, Door Sensor × 1	Doorbell Button × 1, Door Sensor × 1, Alarm Input × 2, Exit Button × 1, Tamper × 1
Output Interface	Lock Relay × 1, Alarm Output × 1	Doorbell × 1, Lock Relay × 1	Doorbell × 1, Lock Relay × 1	Lock × 1, Alarm Output (Doorbell) × 1
LED Indicator	Power / Status	Power / Status	Power / Status	-
Working Temperature	-20°C to +65°C (-4°F to +149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	IP65, -40°C to +60°C (-40°F to 140°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimension	137 mm × 92 mm × 35 mm (5.4" × 3.6" × 1.4")	126.5 mm × 94.5 mm × 24 mm (4.98" × 3.72" × 0.94")	126.5 mm × 94.5 mm × 24 mm (4.98" × 3.72" × 0.94")	218 mm × 78 mm × 41 mm (8.58" × 3.07" × 1.61")

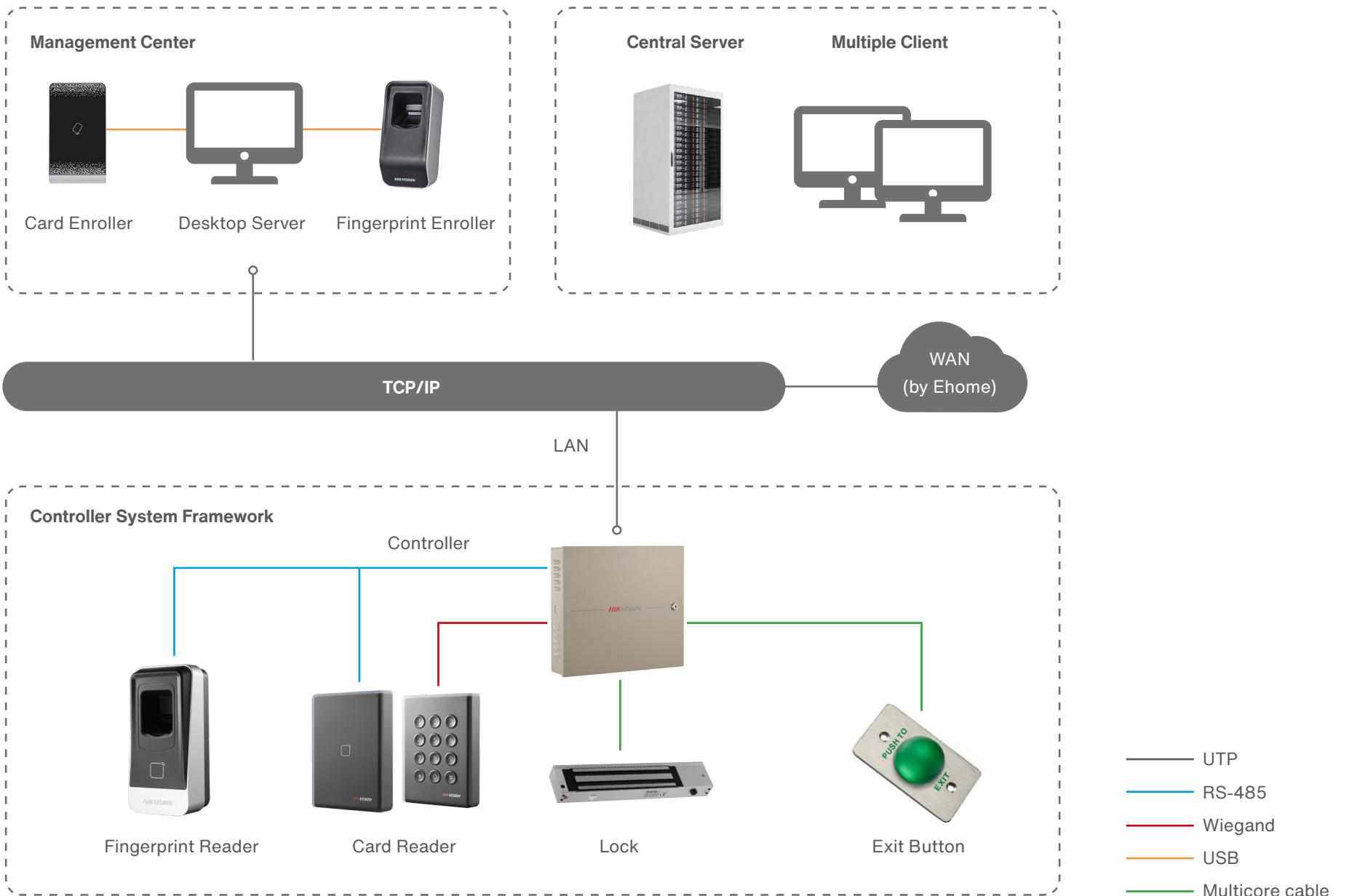
## Access Control

### Access Controller

Take Control of Security, Take Control of Your Life

- › Multi-door control
- › Optional backup battery (DS-K2600 series)
- › 3rd-Party Wiegand reader accessible
- › Supports ISAPI and OSDP protocol
- › Supports interlock, anti-passback, and advanced access control functions
- › Supports zone Alarm Input and 3rd-party fire alarm linkage
- › Data is stored locally in the event of sudden power outage
- › WAN connection by ehome5.0 (ISUP5.0) protocol, multiple location management





## Access Controller

Model	DS-K2601/02/04	DS-K2801/02/04	DS-K2601T/02T/04T	DS-K2601/02/04-G
Image				
	K2600 Series Access Controller	K2800 Series Access Controller	K2600 Series Access Controller	K2600 Series Access Controller
Working Voltage	12 VDC	12 VDC	12 VDC	12 VDC
Input Voltage	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Processor	32 bit	32 bit	32 bit	32 bit
Uplink Communication Interface	TCP / IP & RS-485	TCP / IP	TCP / IP, RS485, ISUP5.0(Ehome5.0), ISAPI	TCP / IP, RS485, ISUP5.0(Ehome5.0), ISAPI
Downlink Communication Interface	RS-485 & Wiegand	Wiegand	RS-485 & Wiegand / OSDP	RS-485 & Wiegand / OSDP
Storage	Cards:100,000 Events:300,000	Cards:10,000 Events:50,000	Cards:100,000 Events:300,000	Cards:100,000 Events:300,000
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	Yes	Yes	Yes
Accessible Card Reader	RS-485 Reader: 2/4/8 Wiegand Reader: 2/4/4	Wiegand Reader: 2/4/4	RS-485 Reader: 2/4/8 Wiegand Reader: 2/4/4	RS-485 Reader: 2/4/8 Wiegand Reader: 2/4/4
Input Interface	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4	Case Input: 1/2/4 Door Sensor: 1/2/4 Exit Button: 1/2/4	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4
Output Interface	Lock Relay: 1/2/4 Alarm Output: 2/4/4	Lock Relay: 1/2/4 Alarm Output: 1/2/4	Lock Relay: 1/2/4 Alarm Output: 2/4/4	Lock Relay: 1/2/4 Alarm Output: 2/4/4
Operating Temperature	-20°C to +65°C [-4°F to 149°F]	-20°C to +65°C [-4°F to 149°F]	-20°C to +65°C [-4°F to 149°F]	-20°C to +65°C [-4°F to 149°F]
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L×W×H)	370 mm × 345 mm × 90 mm [14.6" × 13.6" × 3.5"]	285 mm × 237 mm × 69 mm [11.22" × 9.33" × 2.72"]	370 mm × 345 mm × 90 mm [14.6" × 13.6" × 3.5"]	474.3 mm × 398 mm × 99.7 mm [18.68" × 15.67" × 3.93"]

# Access Control

## Reader

Multiple Verification Methods for Security Professionals

- › Compound verification methods
- › EM / MIFARE 1 card options
- › Outdoor models with IP65 / IK10 rating
- › Optional touch keypad



## Fingerprint Reader

## Card Reader

Model	DS-K1201MF/EF
Image	 Fingerprint Reader
Reading Frequency	125 KHz(for E Series)/13.56 MHz(for M Series)
Reading Range	EM Card: ≤100 mm (≤3.94") Mifare Card:≤50 mm (≤1.97")
FP Module	Optional Fingerprint Module
FP Capacity	5000
Comparison Time	≤1.5s
Shell Material	PC+ABS
Communication Mode	RS-485
ID Settings	Via DIP Switch
Audio Alert	Beeper
Power	12 VDC
Power Consumption	≤6 W
LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-20°C to +65°C (-4°F to 149°F)
Operating Humidity	10% to 90% (No Condensing)
Protection Level	IP65
Dimensions	62mm × 132mm × 44mm (2.44" × 5.20" × 1.73")
Installing Method	Surface Mounting

Model	DS-K1104M/MK	DS-K1107M/MK/E/EK	DS-K1108M/MK/E/EK
Image	 K1100 Series Card Reader	 K1100 Series Card Reader	 K1100 Series Card Reader
Reading Frequency	13.56 MHz	125 KHz(for E Series)/13.56 MHz(for M Series)	125 KHz(for E Series)/13.56 MHz(for M Series)
Reading Range	≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card:≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card:≤50 mm (≤1.97")
Shell Material	PC & Zinc-Alloy	PC+ABS	PC+ABS
Communication Mode	RS-485/Wiegand	RS-485/Wiegand	RS-485/Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12 VDC
Power Consumption	≤2 W	≤2 W	≤2 W
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Operating Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP65 IK10	IP65	IP65
Dimensions	118 mm × 76 mm × 23 mm (4.65" × 2.99" × 0.91")	115 mm × 44 mm × 22 mm (4.53" × 1.73" × 0.87")	123 mm × 88 mm × 21 mm (4.53" × 3.46" × 0.83")
Installing Method	Applied for 86 & 120 Gang Box	Wall Mounting with Screws. The Gang Box is not Supported	Wall Mounting with Screws; 86 & 120 Gang Box

Model	DS-K1101M/MK	DS-K1102E/M/EK/MK	DS-K1103M/MK	DS-K1801M/MK/E/EK	DS-K1802M/MK/E/EK
Image	 <a href="#">K1100 Series Card Reader</a>	 <a href="#">K1100 Series Card Reader</a>	 <a href="#">K1100 Series Card Reader</a>	 <a href="#">Wiegand Card Reader</a>	 <a href="#">Wiegand Card Reader</a>
Reading Frequency	13.56 MHz	125 KHz (for E Series)/13.56 MHz (for M Series)	13.56 MHz	125 KHz(for E Series)/13.56 MHz (for M Series)	125 KHz(for E Series)/13.56 MHz (for M Series)
Reading Range	≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare 1 Card: ≤50 mm (≤1.97")	≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare Card: ≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") Mifare Card: ≤50 mm (≤1.97")
Shell Material	PC+ABS	PC+ABS	PC+ABS	PC+ABS	PC+ABS
Communication Mode	RS-485/Wiegand	RS-485/Wiegand	RS-485/Wiegand	Wiegand	Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch	—	—
Audio Alert	Beeper	Beeper	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Power Consumption	≤2 W	≤2 W	≤2 W	≤1.6 W	≤1.6 W
LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator	Power Indicator; Status LED Indicator
Operating Temperature	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)	-20°C to +65°C (-4°F to 149°F)
Operating Humidity	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)	10% to 90% (Non Condensing)
Protection Level	IP 54	IP 54	IP 54	IP65	IP65
Dimensions	132.0mm × 92.3mm × 20.5mm (5.20" × 3.63" × 0.81")	121mm × 86.5mm × 14mm (4.76" × 3.41" × 0.55")	129mm × 76mm × 14.7mm (5.08" × 2.99" × 0.58")	87 mm × 87 mm × 13.3 mm(3.43" × 3.43" × 0.52")	115.9mm×43.3mm×17mm (4.56" × 1.70" × 0.67")
Installing Method	Applied for 120 Gang Box Only	Applied for 86/120 Gang Box	Applied for 120 Gang Box Only	Wall Mounting with Screws;86 Gang Box	Wall Mounting with Screws; Do Not Support Gang Box

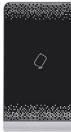
## Access Control

### Card / Fingerprint / Face Enroller

Efficient Credential Enrollment Devices

- Supports MIFARE 1 and EM card enrollment
- Supports fingerprint and face enrollment
- Supports touch screen (DS-K1F600 series)



Fingerprint Enroller		Card Enroller		Multi-biometric Enroller	
Model	DS-K1F820-F	Model	DS-K1F100-D8E	Model	DS-K1F600-D6E
Image		Image		Image	
Fingerprint Reader	Optical, Red Backlight	Card Reading Frequency	13.56MHz and 125KHz	LCD Screen	3.97-inch Touch Screen, Resolution: 800*480 ·NEW
Resolution	508 dpi	Card Type	Standard IC Card and ID (EM) Card	Camera	2 MP Dual-lens Camera, with IR Supplement Light, WDR
Fingerprint Template Size	256 × 288 (pixel)	Protocol	ISO 14443 Type A/B Standard and ISO 7816 Standard	Communication Mode	TCP/IP, Wi-Fi
Interface	USB 2.0	Interface	USB 2.0; Driver Free	Card type	EM, Mifare 1
LED Light	N/A	LED Light	LED Indicator: Indicates Power and the Communication Status	Fingerprint	- Support
Working Temperature	-30°C to +70°C [-22°F to 158°F]	Working Temperature	-20°C to +65°C [4° F to 149° F]	Offline Picture storage	2000
Working Current	5 VDC, 200mA	Working Current	5VDC, 200mA	Interface	RJ45, USB 2.0
Dimensions	100mm × 48mm × 35mm (3.9" × 1.9" × 1.4")	Dimensions	117mm × 67.5mm × 14.3mm	Working Temperature	-10°C to +50°C (14°F to 122°F)
System	Windows XP, Windows7, and Windows 10	System	Windows, WinXP, Win7 and Win 8	Working Humidity	10% to 90% (Non-Condensing)
				Working Current	12 VDC, 1.5A
				Dimensions	121.68mm × 138.02mm × 125.05 mm (4.80" × 5.44" × 4.94")
				System	Windows XP, Windows7, and Windows 10
					121.68mm × 138.02mm × 125.05 mm (4.80" × 5.44" × 4.94")
					Windows XP, Windows7, and Windows 10 ·NEW

## Access Control

# Elevator Controller

## Dual Confirmation for Smart Buildings

- Maximum 128 Floors
- Fingerprint / card valid
- Button mode / auto mode / call elevator mode



Elevator Controller

Model	DS-K2210	DS-K2M0016A
Image	The Master Elevator Controller is a rectangular black module with a green printed circuit board (PCB) visible through a clear plastic cover. It has several connection ports and a small red LED indicator at the top. A red callout box below it is labeled "Master Elevator Controller".	The Distributed Elevator Controller is a similar rectangular black module with a green PCB. It also has connection ports and a red LED indicator. A red callout box below it is labeled "Distributed Elevator Controller".
Working Voltage	12 VDC	12 VDC
Power Consumption	≤4W (without load)	≤2W (without load)
Processor	32 bit	32 bit
Uplink Communication Interface	TCP/IP	RS-485
Downlink Communication Interface	RS-485,Wiegand	-
Storage	20,000 Cards and 50,000 Events	-
LED Indicator	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	Yes	-
Accessible Card Reader	RS-485 Reader: 2 Wiegand Reader: 2 Maximum 2 readers work at same time	-
Input Interface	1 Panic Button; 1 Fire Alarm Button; 1 Maintenance Button Case Input: 2	Alarm Input: 2
Output Interface	Relay Outputs: 5	Relay Outputs: 16
Operating Temperature	-40°C to +70°C (-40°F to 158°F)	-40°C to +70°C (-40°F to 158°F)
Working Humidity	0% to 90% (Non-Condensing)	0% to 90% (Non-Condensing)
Dimensions (L×W×H)	167 mm × 105 mm × 30 mm (6.57" × 4.13" × 1.18")	167 mm × 105 mm × 30 mm (6.57" × 4.13" × 1.18")

## Access Control

### Access Control Secure Module

Securing Every Usage

- › Communicates with access control terminal via RS-485 to execute commands from the terminal
- › Control door opening / closing, stay open or stay closed
- › Collects door magnetic signal, exit button signal, and tamper-proof signal to send to access control terminal
- › Supports tampering alarm
- › Supports showing communication status using RS-485 communication indicators





- RS-485
- Wiegand
- Multicore cable

<b>Model</b>	DS-K2M060
<b>Image</b>	 <span style="border: 1px solid orange; border-radius: 50%; padding: 2px;">HOT</span>
<b>Communication Interface</b>	RS-485
<b>Input / Output Interface</b>	Exit Button x 1, Lock x 1, Door Magnetic x 1, Alarm Out x 1 and Wiegand x 1
<b>Indicator</b>	7 Indicators (RS-485 Communication Status x 2, Power Supply x 1, Exit Button x 1, Lock Status x 1, Door Magnetic x 1 and Running Status x 1)
<b>Power Supply</b>	12 VDC
<b>Working Temperature</b>	-30°C to +55°C (-22°F to 131°F)
<b>Working Humidity</b>	10% to 90% (Non Condensing)
<b>Dimensions</b>	48 mm × 115 mm × 25 mm [1.89×4.53×0.98inch]
<b>Installing Method</b>	Wall Mounting

## Electric Bolt Lock

Model	DS-K4T100	DS-K4T100-U1	DS-K4T100-U2	DS-K4E100	DS-K4G100	DS-K4T108	DS-K4T108-U1
Image	 HOT			 NEW	 NEW		
Delay Duration	0/3/6/9s Optional	-	-	1/3/6/9s Optional	-	0/3/6/9s Optional	-
Maximum Thrust	Polished and Brushed Stainless Steel, Support Thrust of 800kg	-	-	-	SUS304 stainless steel, Support static linear thrust of 800 kg (1764 lb)	-	-
Secure	Power Off for Unlocking	-	-	Power On for Unlocking	Power Off for locking	Power Off for Unlocking	-
Dimension Of Plate (L×W×H)	205 mm × 35 mm × 40 mm [8.07" × 1.38" × 1.57"]	-	-	130 mm × 100 mm × 44 mm [5.12" × 3.94" × 1.73"]	-	205 mm × 34 mm × 42 mm [8.1" × 1.3" × 1.7"]	-
Working Voltage	12 VDC	-	-	12 VDC	12 VDC	12 VDC	-
Working Current	900 mA (Startup Current) 100 mA (Standby)	-	-	300 mA	320 mA/24 VDC, 160 mA ± 15%	≤1.2A (Startup Current) 0.2A (Standby)	-
Magnetic Induction Distance	8 mm [0.31"]	-	-	10 mm [0.39"]	15mm[0.59"]	-	-
Dimension Of Strike (L×W×H)	90 mm × 25 mm × 2 mm [3.54" × 0.98" × 0.07"]	-	-	99 mm × 36 mm × 35 mm [3.90" × 1.42" × 1.38"]	-	-	-
Dimension Of Body	-	93 mm × 50 mm × 30 mm [3.66" × 1.97" × 1.18"]	205 mm × 58 mm × 46 mm [8.07" × 2.28" × 1.81"]	-	165 mm × 43.7 mm × 35 mm [6.5" × 1.7" × 1.4"]	-	70 mm × 44 mm × 24.5 mm [2.8" × 1.73" × 1.0"]
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	Aluminum Alloy	Aluminum Alloy	Stainless Steel	Stainless steel	-	Aluminum Alloy
Shell / Strike	Eco-friendly Zinc Electroplating Operated	-	-	Stainless Steel	Material of latch: SUS304 stainless steel Material of plate: wire-drawing on the surface	Hard Anodizing Electroplating Operated	-
Lifetime	500 Thousand Times of Locking Operation	-	-	500 Thousand Times of Locking Operation	100,000 times usage of the electromagnetic coil when powering on	-	-
Suitable Doors	Wooden Door, Glass Door, Metal Door, Fireproof Door	Fully Frameless Glass Door, Thickness of the Glass between 10-15 mm [0.39-0.59"]	Fully Frameless Glass Door, Thickness of the Glass between 10-15 mm [0.39-0.59"]	Wooden Door, and Metal Door	Wooden door, metal door, PVC door	Wooden Door, Glass Door, Metal Door	Lower Edge Frameless Glass Door with a Space of more than 5 mm between the Leaf and Frame
Signal Output	Signal Output NC, COM Contact of Door-status	-	-	Signal Output NO, NC, COM Contact of Door-status	Dry contact signal output; NO output while locking and NC output while unlocking	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (non-condensing)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]
Weight	0.7 kg [1.54 lb]	0.27 kg [0.60 lb]	1.3 kg [2.87 lb]	1.45 kg [3.2 lb]	0.4 kg [0.9 lb]	0.74 kg	0.15 kg

## Magnetic Lock

Model	DS-K4H250S	DS-K4H250D	DS-K4H450S	DS-K4H450D	DS-K4H250-LZ	DS-K4H250-U
Image	 Single-door Magnetic Lock	 Double-door Magnetic Lock	 Single-door Magnetic Lock	 Double-door Magnetic Lock	 LZ-Bracket of Magnetic Lock, for DS-K4H250S	 U-Bracket of Magnetic Lock, for DS-K4H250S/D
Maximum Thrust	280 kg Linear Thrust	280 kg × 2 Linear Thrust	500 kg Linear Thrust	500 kg × 2 Linear Thrust	-	-
Secure	Power Off for Unlocking	-	-			
Working Voltage	12 VDC / 24 VDC	-	-			
Working Current	12 V / 500 mA 24 V / 250 mA	12 V / 500 mA × 2 24 V / 250 mA × 2	12 V / 420 mA 24 V / 210 mA	12 V / 420 mA×2 24 V / 210 mA×2	-	-
Dimension Of Body	240 × 49 × 25.5 mm [9.45 × 1.93 × 1.00"]	480 × 49 × 25.5 mm [18.9 × 1.93 × 1.00"]	265 mm × 71.8 mm × 38.8 mm [10.43" × 2.83" × 1.53"]	530 mm × 71.8 mm × 38.8 mm [20.87" × 2.83" × 1.53"]	-	-
Dimension Of Armature Plate	180×38×11mm [7.1×1.5×0.4"]	180×38×11mm [7.1×1.5×0.4"]	185 mm × 60 mm × 13 mm [7.28" × 2.36" × 0.51"]	185 mm × 60 mm × 13 mm [7.28" × 2.36" × 0.51"]	-	-
Dimension (L×W×H) Of L-bracket	-	-	-	-	250 mm × 47 mm × 28.5 mm [9.84 × 1.85 × 1.12"]	-
Dimension (L×W×H) Of Z-bracket	-	-	-	-	180 mm × 50 mm × 50 mm [7.09×1.97×1.97"] [ABK-280ZL]	-
Dimension (L×W×H) Of U-bracket	-	-	-	-	-	180 mm × 40 mm × 28 mm [7.09×1.57×1.10"]
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	Aldural Material with the Surface Sandblast	Aldural Material with the Surface Sandblast			
Shell / Strike	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated				
Armature Plate	Eco-friendly Zinc Electroplating Operated	-	-			
LED Indicator	Red [Door is Unlocked] Green [Door is Locked]	Red [Door is Unlocked] Green [Door is Locked]	Red [Door is Unlocked] Green [Door is Locked]	Red [Door is Unlocked] Green [Door is Locked]	-	-
Suitable Doors	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	In-swing Doors, Opens Towards Inside at the Angle of 90°	Frameless Glass Door, Opens at the Angle of 90°, Thickness of Glass Should be 10 to 15 mm
Signal Output	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output; Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output; Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)				
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)				
Weight	2.1 kg [4.63 lb]	4.2 kg [9.3 lb]	4.5 kg [9.9 lb]	9 kg [19.8 lb]	0.75 kg [1.58 lb]	0.32 kg [0.70 lb]

Video Intercom

Access Control

Security Alarm

Model	DS-K4H450-LZ	DS-K4H258S	DS-K4H258D	DS-K4H258-LZ	DS-K4H258D-LZ	DS-K4H258-U
Image						
LZ-Bracket of Magnetic Lock, for DS-K4H450	Single-door Magnetic Lock	Double-door Magnetic Lock	LZ-Bracket of Magnetic Lock, for DS-K4H258S	LZ-Bracket of Magnetic Lock, for DS-K4H258D	U-Bracket of Magnetic Lock, for DS-K4H250S/D	
Maximum Thrust	-	280 kg Linear Thrust	280 kg × 2 Linear Thrust	-	-	-
Secure	-	Power Off for Unlocking	Power Off for Unlocking	-	-	-
Working Voltage	-	12 VDC	12 VDC	-	-	-
Working Current	-	340 mA	340 mA × 2	-	-	-
Dimension Of Body	-	238 mm × 45 mm × 25 mm [9.4" × 1.8" × 1.0"]	500 mm × 45 mm × 25 mm [19.7" × 1.8" × 1.0"]	-	-	-
Dimension Of Armature Plate	-	182 mm × 38 mm × 12.5 mm [7.2" × 1.5" × 0.5"]	182 mm × 38 mm × 12.5 mm [7.2" × 1.5" × 0.5"]	-	-	-
Dimension (L×W×H) Of L-bracket	265 mm × 72 mm × 45.2 mm [10.43" × 2.83" × 1.78"]	-	-	238 mm × 30 mm × 47 mm [9.4" × 1.2" × 1.9"]	500 mm × 30 mm × 47 mm [19.7" × 1.2" × 1.9"]	-
Dimension (L×W×H) Of Z-bracket	185 mm × 70 mm × 61 mm [7.28" × 2.76" × 2.40"]	-	-	185 mm × 44 mm × 100 mm [7.3" × 1.7" × 3.9"]	185 mm × 44 mm × 50 mm [7.3" × 1.7" × 1.97"]	-
Dimension (L×W×H) Of U-bracket	-	-	-	-	-	185 mm × 28 mm × 45 mm [7.3" × 1.1" × 1.8"]
Lock Body / Material	High Strength Aluminum with the Surface Sandblast	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Adopts Aldural Material	Adopts Aldural Material	Adopts Aldural Material
Shell / Strike	Anodized Aluminum	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated	Hard Anodizing Electroplating Operated
Armature Plate	-	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	-	-	-
LED Indicator	-	Green [work status]	Green [work status]	-	-	-
Suitable Doors	Wooden Door, Metal Door, Narrow Trim Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, Glass Door, Metal Door, Fireproof Door	Wooden Door, and Metal Door	Wooden Door, and Metal Door	Frameless glass door, opens at the angle of 90°, thickness of glass should be 10 to 15 mm
Signal Output	-	-	-	-	-	-
Working Humidity	0 to 95% [relative humidity]	0 to 95% [relative humidity]	0 to 95% [relative humidity]	0 to 95% [relative humidity]	0 to 95% [relative humidity]	0 to 95% [relative humidity]
Working Temperature	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]	-10°C to +55°C [14°F to 131°F]
Weight	1.3 kg (2.87 lb)	2.1 kg (4.63 lb)	4.2 kg (9.3 lb)	0.77 kg (1.7 lb)	1.05 kg	0.4 kg (0.88 lb)

## Exit button

Model	DS-K7P01	DS-K7P02	DS-K7P03	DS-K7P04	DS-K7P05	DS-K7P06	DS-K7PEB(Red or Green)
Image	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Exit Button</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Exit Button</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Exit Button</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Exit Button</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Exit Button</span>	 <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px; display: inline-block;">Exit Button</span>	 <span style="border: 1px solid red; border-radius: 5px; padding: 2px 10px; display: inline-block;">Emergency Break Glass</span>
Output Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact
Structure	Stainless Steel Panel, Metal Button	Stainless Steel Panel, Metal Button	Stainless Steel Panel	Stainless Steel Panel	Stainless Steel Panel, Metal Button, Metal Bottom Case	Stainless Steel Panel, Metal Button, Metal Bottom Case	Fireproof Material, Sandblast Finished
Current Rating	3A @ 36 VDC Max	3A @ 36 VDC Max	1A @ 30 VDC, 0.5A @ 125 VAC	1A @ 30 VDC, 0.5A @ 125 VAC	3A @ 36 VDC Max	3A @ 36 VDC Max	3A @ 36 VDC Max
Suitable Doors	Hollow Doorframe and Embedded-electric Box	Hollow Doorframe and Embedded-electric Box	All Kinds of Narrow Doorframes	All Kinds of Narrow Doorframes	All Kinds of Narrow Doorframes	All Kinds of Narrow Doorframes	Exit Door, Emergency Door
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-20°C to +50°C (-4°F to 122°F)	-20°C to +50°C (-4°F to 122°F)	-10°C to +55°C (14°F to 131°F)	-20°C to +65°C (-4°F to 149°F)	-10°C to +55°C (14°F to 131°F)
Dimensions (L×W×H)	86 mm × 86 mm × 28.9 mm (3.39" × 3.39" × 1.14")	90 mm × 35 mm × 28.9 mm (3.54" × 1.38" × 1.14")	86 mm × 86 mm × 25.7 mm (3.39" × 3.39" × 1.01")	90 mm × 35 mm × 37.7 mm (3.54" × 1.38" × 1.48")	86 mm × 50 mm × 44 mm (3.39" × 1.97" × 1.73")	87.7 mm × 87.7 mm × 44 mm (3.46" × 3.46" × 2.13")	86 mm × 86 mm × 50 mm (3.39" × 3.39" × 1.97")
Weight	0.25 kg (0.55 lb)	0.20 kg (0.44 lb)	0.15 kg (0.33 lb)	0.12 kg (0.26 lb)	0.14 kg (0.31 lb)	0.23 kg (0.51 lb)	0.20 kg (0.44 lb)

## Card

Model	DS-KEM125	IC S50	S50+TK4100	FM11RF08-M1	DS-K7M102-M
Image		HOT			HKVISION
Standard	-	ISO/IEC 14443A	ISO14443 Type A ISO/IEC 7816-5	ISO/IEC 14443	ISO/IEC 14443
Sensing Frequency	125KHz +/- 6KHz	13.56 MHz	125KHz & 13.56MHz	13.56 MHz	13.56 MHz
Data Format	EM-4100	-	-	-	-
Memory Capacity	64 bit	-	-	-	-
Function	Read	Read and Write	Read and Write	Read and Write	Read and Write
Data Transmission Speed	-	106 k bit/s	-	106 Kbps	106 Kbps
Sensing Distance	≤15 cm	≤10 cm	≤10 cm	≤10 cm	≤4 cm
Data Integrity Protection	-	16 Bit Crc, Odd-even Check, Encoding and Counting by Bit	-	-	-
EEPROM	-	1K Byte (16 Zones, 4 Sections per Zone, 16 Bytes per Section) 10 Years Data Storage ≥100,000 Writing Times	1K Byte 10 Years Data Storage ≥100,000 Writing Times	1K Byte 10 Years Data Storage ≥100,000 Writing Times	1K Byte (16 Zones, 4 Sections per Zone, 16 Bytes per Section) 10 Years Data Storage ≥100,000 Writing Times
Temperature	-20°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C	-20°C ~ +75°C	-10°C to +50°C [14°F to 122°F]
Material	PVC	PVC	PVC	PVC	PVC, AB glue
Color	White	White	White	White	White and Red
Dimension	85.5 mm × 54 mm × 0.8 mm [3.37" × 2.13" × 0.03"]	85.5 mm × 54 mm × 0.8 mm [3.37" × 2.13" × 0.03"]	85.5 mm × 54 mm × 0.8 mm [3.37" × 2.13" × 0.03"]	85.5 mm × 54 mm × 0.8 mm [3.37" × 2.13" × 0.03"]	26 mm × 50 mm × 4 mm [1.02" × 1.97" × 0.16"]

## Access Control

### Barrier Gate

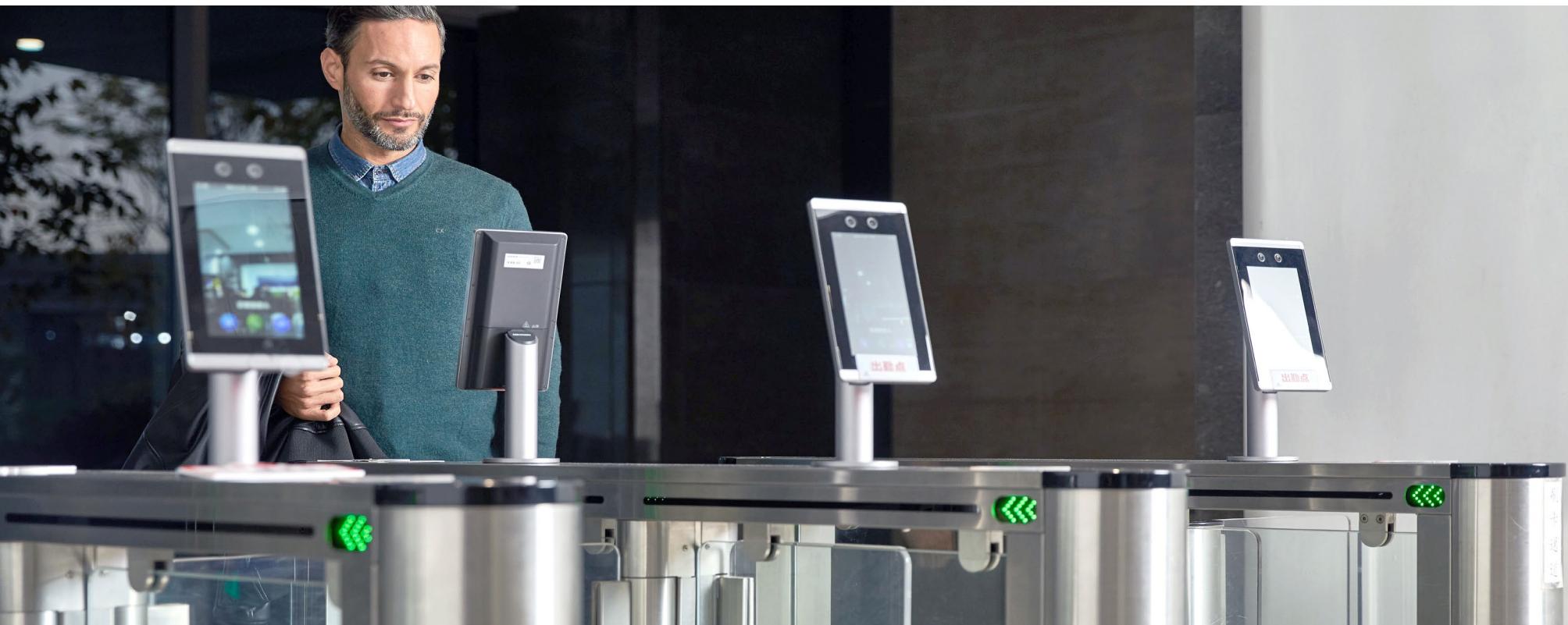
More Than Just A Gate, Even More.

By adopting the turnstiles integratedly with the access control system, person should authenticate to pass through the lane via swiping IC or ID card, scanning QR code, etc. It is widely used in attractions, stadiums, construction sites, residences, etc.

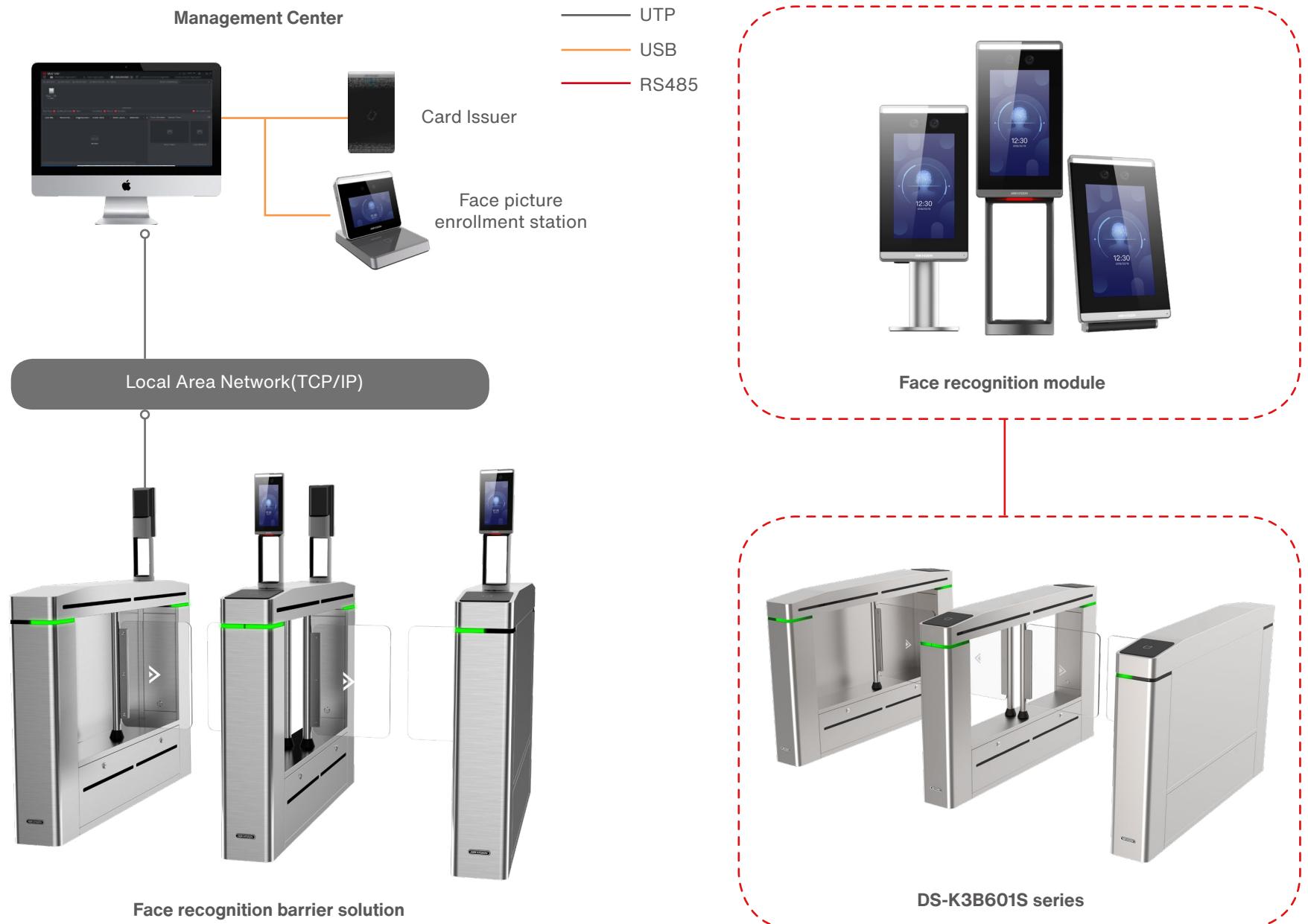
Enhanced accessing speed

- various verification methods: Card/QR code/face/fingerprint
- Supports IR light detection for anti-tailgating, Anti-force accessing, self-detection, and self-diagnostics.
- Elegant appearance,suitable for Various application scenarios.

Easy to install and remove, no other construction works needed



# Barrier Gate



## Barrier

Model	K3G501 Series	DS-K3B501S Series	K3Y501 Series	DS-K3B601 Series	DS-K3B801 Series
Image	 Tripod Turnstile	 Swing Barrier Turnstile	 Flap Barrier Turnstile	 Swing Barrier Turnstile	 Swing Barrier Turnstile
Power Supply	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz	100 to 240 VAC, 50 to 60 Hz
Processor	32-bit	32-bit	32-bit	32-bit	32-bit
Communication Interface	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485	TCP/IP, I/O, RS-232, RS-485
IR Light Detectors	N/A	12 pairs	12 pairs	12 pairs	24 pairs
Throughput	More than 35 persons per minute	20 to 60 persons per minute	30 to 60 persons per minute	30 to 60 persons per minute	30 to 60 persons per minute
Capacity	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events	60,000 cards and 180,000 events
MCBF	N/A	6M	6M	6M	6M
Barrier Material	Stainless steel	Acrylic glass/ Stainless steel pipe [Optional]	Acrylic	Stainless steel pipe/Acrylic glass [Optional]	Acrylic
Pedestal Material	SUS304 stainless steel with the thickness of 1.5 mm [0.06"]	SUS304 stainless steel with the thickness of 1.2 mm [0.05"]	SUS304 stainless steel with the thickness of 1.5 mm [0.06"] except side door	SUS304 stainless steel with the thickness of 1.5 mm [0.06"]	SUS304 stainless steel with the thickness of 2 mm [0.08"]
Weight Per Pedestal [Without Package]	Without package: 45 kg (99.2 lb)	Left and right pedestal: 56 kg (123 lb) Middle pedestal: 71 kg (157 lb)	Left and right pedestal: 70 kg (154.3 lbs) Middle pedestal: 90 kg (198.4 lbs)	Left and right pedestal: 73 kg (160.9 lbs) Middle pedestal: 85 kg (187.4 lbs)	Left and right pedestal: 100 kg (220.5 lbs) Middle pedestal: 121 kg (266.8 lbs)
Lane Width	550 mm [21.7"]	550 mm to 1100 mm [21.65" to 43.31"]	600 mm [23.62"]	550 mm to 1100 mm [21.65" to 43.31"]	550 mm to 1100 mm [21.65" to 43.31"]
Dimension (L × W × H) Per Pedestal	Without package: 232 mm × 960 mm × 1208 mm [9.1" × 37.8" × 47.6"] With package: 390 mm × 1185 mm × 1320 mm [15.4" × 306.5" × 52.0"]	Without packaging: 1500 mm × 200 mm × 960 mm [59.06" × 7.87" × 37.80"] With packaging: 1610 mm × 300 mm × 1100 mm [63.39" × 11.81" × 43.31"]	Without packaging: 300 mm × 1010 mm × 1406.8 mm [11.81" × 39.76" × 55.38"] With Packaging: 1642 mm × 517 mm × 1274 mm [64.65" × 20.35" × 50.16"]	Without Packaging: 1500 mm × 200 mm × 990 mm [59.06" × 7.87" × 38.98"] With Packaging: 1610 mm × 300 mm × 1100 mm [63.39" × 11.81" × 43.31"]	Without packaging: 1500 mm × 160 mm × 1010 mm [59.11" × 6.38" × 39.8"] With packaging: 1688 mm × 348 mm × 1318 mm [66.5" × 13.7" × 51.9"]
Working Humidity	0% to 95% [No condensing]	0% to 95% [No condensing]	0% to 95% [No condensing]	10% to 95% [No Condensing]	10% to 95% [No condensing]
Working Temperature	-20°C to +65°C [-4°F to 149°F]	-20°C to +65°C [-4°F to 149°F]	-25°C to +70°C [-13°F to 158°F]	-25°C to +70 °C [-13°F to 158°F]	-25°C to +70°C [-13°F to 158°F]
Installation	Indoor/ outdoor	Indoor	Indoor	Indoor	Indoor

The actual throughput is affected by the person passing rate and passing environment.

# Access Control

## Management Software



HikCentral Professional

Integrated Security Solution

HikCentral Professional focuses on providing flexible, collaborative, and future-proof security solutions. Person-centric design provides flexibility for cross-site access based on multiple credentials as needed, meanwhile continuously sharing the latest AI capabilities with users through diverse credentials such as faces, license plates; Scenario-based GUI portal such as Entrance/Exit Management & Visitor Management are designed to present task-oriented panels for different users to improve operational efficiency; Seamlessly integrated with Video and Intrusion system help users easily achieve cross-system linkages to get a complete picture when incidents happened .With advanced security solution design and provides different levels of data openness, HikCentral Professional help you ready to meet the expanding security needs.

**HikCentral Professional Control Client**

The screenshot displays the main interface of the HikCentral Professional Control Client. It features a top navigation bar with icons for file operations (New, Open, Save, Print, Exit), user information (Admin), and system status (14:00:00 UTC+08:00). Below this is a large grid of functional icons organized into four columns:

Surveillance	Investigation	Intelligent Analysis	Maintenance
Monitoring	Video Search	Dashboard	Health Monitoring
Door/Elevator Control	Person Search	Person Analysis	Real-Time Status of Resource
Entrance & Exit	Alarm/Event Search	Temperature Analysis	Adult Trail
Alarm Center	Vehicle Search	Vehicle Analysis	

A vertical sidebar on the right contains a "Tool" section with icons for Smart Wall, VSPlayer, Broadcast, Alarm Output Control, Two-way Audio, Management, Download&Upload, Local Picture, Local Recording, System, and Help. At the bottom left of the interface, the number "61" is visible.

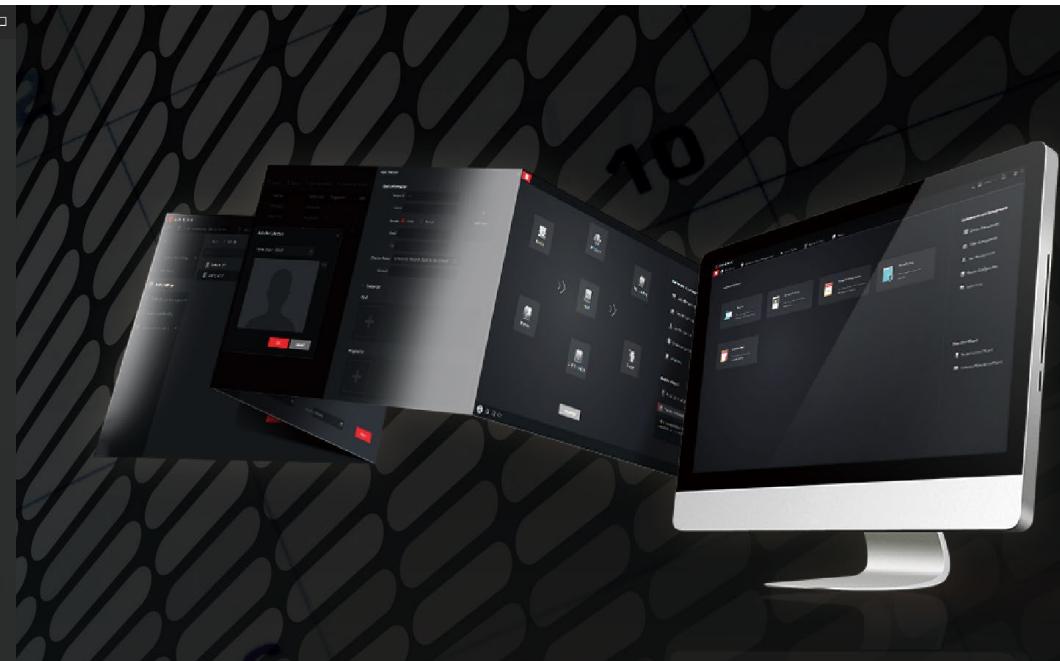


iVMS-4200 AC

A Free Software for Access Control & Time Attendance

iVMS-4200 AC Client Software is a versatile security management software designed for access control devices and video intercom devices.

It provides multiple functionalities, including personnel management, access control, video intercom, time & attendance, and more. iVMS-4200 AC can be widely applied in small to medium-sized projects.



## Compare Different Software for Access Control Products

	iVMS-4200	iVMS-4200 AC	Blazer ACS/E	HikCentral Professional
<b>Structure</b>	C/S (PC based)	C/S (PC based)	BS/CS (Server based)	BS/CS (Server based)
<b>Client Number</b>	1	1	10	100
<b>Person</b>	3,200	3,200	3,000	50,000
<b>Door Number</b>	64	64	16	512
<b>Access Control</b>	Support	Support	Support	V1.2
<b>Time Attendance</b>	Support	Support	Support	V1.2
<b>Video Intercom</b>	Support	Support	N/A	V1.6
<b>Elevator Control</b>	Support	Support	N/A	V1.5
<b>Intrusion Alarm</b>	Support	N/A	N/A	V1.3
<b>Visitor Management</b>	N/A	N/A	N/A	V1.5
<b>CCTV</b>	Support	N/A	N/A	V1.0
<b>App</b>	N/A	N/A	Support	V1.0

# SECURITY ALARM

- 064 Hikvision Intrusion
- 081 Emergency Alarm
- 085 Security Radar



## Security Alarm

# Hikvision Intrusion

### Flexible Application, Comprehensive Protection

Hikvision Alarm offers intruder alarm solutions which combine a deep customer understanding with worldleading technologies. Hikvision provides top-tier intruder products suitable for a range of market segments and vertical applications. These include applications from residential and SOHO (small office/home office) solutions, to commercial, healthcare, seaports, airports, and critical infrastructure applications.

- Easy operation and flexible extension
- Multiple options for different applications



## Second Generation Wireless Control Panel

Model	DS-PWA64-L-WE	DS-PWA96-M-WE
<b>Image</b>	 <span style="color: red; font-size: small;">NEW</span>	 <span style="color: red; font-size: small;">NEW</span>
<b>LAN + Wi-Fi + GPRS</b>	LAN + Wi-Fi + GPRS	LAN + Wi-Fi + 3/4G
<b>Color</b>	White	White
<b>Frequency</b>	868MHz	868MHz
<b>Wireless Tag Reader &amp; Keypad</b>	8	8
<b>Wireless Input &amp; Output</b>	64	96
<b>PIR CAM</b>	Yes	Yes
<b>Wireless Keyfob</b>	32	48
<b>Wireless Sounder</b>	4	6
<b>Tag</b>	32	48
<b>LAN Port</b>	Yes	Yes
<b>WiFi on Board</b>	Yes[2.4G]	Yes[2.4G]
<b>GRPS on Board</b>	Yes	No
<b>3/4G on Board</b>	No	Yes
<b>SIM Slot</b>	Single	Dual
<b>SMS Notification</b>	Yes	Yes
<b>Alarm Voice Call</b>	Yes	Yes
<b>Automation Protocol</b>	SIA DC09, ISUP, ISAPI [SDK], SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI [SDK], SIA level 2, Contact ID
<b>Remote Programming Software</b>	Covengense cloud/ Hik-central/ Hik-ProConnect	Covengense cloud/ Hik-central/ Hik-ProConnect
<b>Voice Prompt</b>	1-CH loudspeaker	1-CH loudspeaker
<b>Tamper Switch</b>	Yes	Yes
<b>Power Supply</b>	Built in power supply	Built in power supply
<b>Backup Battery</b>	Lithium battery	Lithium battery

## Second Generation Wireless Detector

Model	DS-PDP12P-EG2-WE	DS-PDP15P-EG2-WE	DS-PDC15-EG2-WE	DS-PDD12P-EG2-WE
<b>Image</b>	 <span style="color: red; font-size: small;">NEW</span>	 <span style="color: red; font-size: small;">NEW</span>	 <span style="color: red; font-size: small;">NEW</span>	 <span style="color: red; font-size: small;">NEW</span>
<b>Advanced digital signal processing and 3D optics</b>	Advanced digital signal processing and 3D optics	Advanced digital signal processing and 3D optics	Advanced digital signal processing and 3D optics	Advanced digital signal processing and 3D optics
<b>Detection Range</b>	12m, 85.9°	15m, 85.9°	15m, 6.3°	12m, 85.9°
<b>Detection Speed</b>	0.3 to 2 m/s	0.3 to 2 m/s	0.3 to 2 m/s	0.3 to 2 m/s
<b>Auto Sensitivity</b>	Yes	Yes	Yes	Yes
<b>Pet Immunity</b>	Up to 30Kg	Up to 30Kg	-	Up to 30Kg
<b>Digital Temperature Compensation</b>	Yes	Yes	Yes	Yes
<b>Technology</b>	Digital microprocessor based	Digital microprocessor based	Digital microprocessor based	Digital microprocessor based
<b>Sealed Optics</b>	Yes	Yes	Yes	Yes
<b>Creep Zone Protection</b>	Yes	Yes	Yes	Yes
<b>Direct Light Filter</b>	6500lux	6500lux	6500lux	6500lux
<b>Camera Coverage</b>	88°[H], 68°[V]	88°[H], 68°[V]	88°[H], 68°[V]	88°[H], 68°[V]
<b>Auto Day and Night</b>	Clour/Black & White	Clour/Black & White	Clour/Black & White	Clour/Black & White
<b>Flash IR LED</b>	1 IR LED	1 IR LED	1 IR LED	1 IR LED
<b>LED Range</b>	12m	12m	12m	12m
<b>Image Type</b>	JPEG	JPEG	JPEG	JPEG
<b>Image Size</b>	160x120, 320x240, 640x480	160x120, 320x240, 640x480	160x120, 320x240, 640x480	160x120, 320x240, 640x480
<b>Sealed Optics</b>	Yes	Yes	Yes	Yes
<b>Creep Zone Protection</b>	Yes	Yes	Yes	Yes
<b>Direct Light Filter</b>	6500lux	6500lux	6500lux	6500lux
<b>Tamper Protection</b>	Front & Back	Front & Back	Front & Back	Front & Back
<b>LED Indicator</b>	Blue[alarm]	Blue[alarm]	Blue [alarm]	Green[PIR], Orange[microwave], Blue[alarm]
<b>Encapsulated PCB</b>	Yes	Yes	Yes	Yes
<b>Operating Temperature</b>	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
<b>Storage Temperature</b>	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
<b>Operating Humidity</b>	10% to 90%	10% to 90%	10% to 90%	10% to 90%
<b>Installation Height</b>	1.8 to 2.4m	2.4 to 3.6m	2.4 to 3.6m	1.8 to 2.4m
<b>Dimension (mm)</b>	65.5 x 103 x 48.5	65.5 x 103 x 48.5	65.5 x 103 x 48.5	65.5 x 103 x 48.5
<b>Weight (g)</b>	128	128	128	141
<b>Bracket</b>	Optional wall & ceiling accessory	Optional wall & ceiling accessory	Optional wall & ceiling accessory	Optional wall & ceiling accessory
<b>Transmission Technology</b>	Tri-X wireless technology	Tri-X wireless technology	Tri-X wireless technology	Tri-X wireless technology
<b>Environment Temperature Indicator</b>	Yes	Yes	Yes	Yes
<b>2-Way Wireless Communication</b>	Yes	Yes	Yes	Yes
<b>Transmission Frequency</b>	868MHz	868MHz	868MHz	868MHz
<b>Transmission Encryption</b>	AES-128 encryption	AES-128 encryption	AES-128 encryption	AES-128 encryption
<b>Signal Strength Indicators</b>	Yes	Yes	Yes	Yes
<b>RF Range</b>	800m [open area]	1600 m [open area]	1600 m [open area]	1600 m [open area]
<b>Enrolling Methods</b>	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Power up, Remote ID, QR code
<b>Battery</b>	CR123A x 3 [included]	CR123A x 3 [included]	CR123A x 1 [included]	CR123A x 2 [included]
<b>Standard Battery Life</b>	6 years	5 years	5 years	5 years

Model	DS-PDP612P-EG2-WE	Model	DS-PDMC-EG2-WE	DS-PDMCS-EG2-WE	Model	DS-PDEBP1-EG2-WE	DS-PDEB1-EG2-WE
Image		Image			Image		
	Advanced digital signal processing and 3D optics		1. 2 External zones 2. Frequency hopping against jamming for reliable transmission	Frequency hopping against jamming for reliable transmission		IP54 daily environment protection	Fully remote configurable through App
Detection Range	12m, 85.9°	Detection Gap	Max. 43 mm	Max. 52 mm	LED Indicators	Red or Green (alarm)	Blue (alarm)
Detection Speed	0.3 to 2 m/s	Reed Switch	1	1	LED Alarm Confirmation	Flashing LED	Flashing LED
Auto Sensitivity	Yes	External Inputs	2	-	Tamper Protection	Front & Back	Front & Back
Pet Immunity	Up to 30Kg	Tamper Protection	Front & Back	Front & Back	IP Rating	IP54	-
Digital Temperature Compensation	Yes	LED Indicator	Blue (alarm)	Blue (alarm)	Operating Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
Technology	Digital microprocessor based	Encapsulated PCB	Yes	-	Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
Sealed Optics	Yes	Input Options	Normal and fast sensitivity with pulse count	-	Operating Humidity	10% to 90%	10% to 90%
Creep Zone Protection	Yes	Programmable Pulse Count	Yes	-	Dimension (mm)	ø38 × 12	63.8 × 63.8 × 17.9
Direct Light Filter	6500lux	Fast Input Sensitivity	1ms	-	Weight (g)	13.5	45.5
Glass Break Sensor	Omnidirectional electret microphone	Operating Temperature	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	Button Colour	Programmable Red or Green	Red or green keymat
Microphone Range	12m radius	Storage Temperature	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	Neckless Strap	Yes	-
Glass Type	Float, Plate, Tempered, Wired, Laminated leaded, Double glazing	Operating Humidity	10% to 90%	10% to 90%	Watch Bracelet	Optional supplied separately	-
Glass Thickness (mm)	2.4 to 6.4	Dimension (mm)	22.5 × 103 × 23.2 13 × 34.4 × 11.4	29 × 69 × 10 14 × 69 × 10	Transmission Technology	Tri-X wireless technology	Tri-X wireless technology
Glass Size	0.3m × 0.3m to 3m × 3m	Weight (g)	59	38	Environment Temperature Indicator	No	Yes
Tamper Protection	Front & Back	Transmission Technology	Tri-X wireless technology	Tri-X wireless technology	2-way Wireless Communication	Yes	Yes
LED Indicator	Green[PIR], Orange[BG], Blue[alarm]	Environment Temperature Indicator	Yes	Yes	Transmission Frequency	868MHz	868MHz
Encapsulated PCB	Yes	2-way Wireless Communication	Yes	Yes	Frequency Hopping	Multichannel transmission	Multichannel transmission
Operating Temperature	-10°C to +55°C (14°F to 131°F)	Transmission Frequency	868MHz	868MHz	Transmission Encryption	AES-128 encryption	AES-128 encryption
Storage Temperature	-20°C to +60°C (-4°F to 140°F)	Frequency Hopping	Multichannel transmission	Multichannel transmission	Signal Strength Indicators	-	Yes
Operating Humidity	10% to 90%	Transmission Encryption	AES-128 encryption	AES-128 encryption	RF Range	1000 m (open area)	1200 m (open area)
Installation Height	1.8 to 2.4m	Signal Strength Indicators	Yes	Yes	Enrolling Methods	Power up, Remote ID, QR code	Power up, Remote ID, QR code
Dimension (mm)	65.5 × 103 × 48.5	RF Range	1600 m (open area)	1200 m (open area)	Battery	CR123A x 1 (included)	CR2032 x 1 (included)
Bracket	Optional wall & ceiling accessory	Enrolling Methods	Power up, Remote ID, QR code	Power up, Remote ID, QR code	Standard Battery Life	5 years	3 years
Transmission Technology	Tri-X wireless technology	Battery	CR123A x 1 (included)	CR2450 x 1 (included)	Standard Battery Life	5 years	5 years
Glass Break Sensitivity Adjustment	High, Normal, Low	Standard Battery Life	5 years	3 years			
Detection Mode	And/OR						
Environment Temperature Indicator	Yes						
2-way Wireless Communication	Yes						
Transmission Frequency	868MHz						
Frequency Hopping	Multichannel transmission						
Transmission Encryption	AES-128 encryption						
Signal Strength Indicators	Yes						
RF Range	1600 m (open area)						
Enrolling Methods	Power up, Remote ID, QR code						
Battery	CR123A x 2 (included)						
Standard Battery Life	5 years						

## Second Generation Wireless Peripherals

Model	DS-PK1-E-WE	Model	DS-PT1-WE	Model	DS-PS1-E-WE	Model	DS-PS1-I-WE
Image	 LED indicates the programmed area	Image		Image		Image	
Colour	White	Colour	White	Colour	Blue/Red	Colour	White
Installation	Wall mounting	Installation	Wall mounting	Installation	Wall mounting	Installation	Wall mounting
Function Buttons	Stay and away arm, disarm, fire, medical, PA, output control, enter and cancel	Individual Area Arming	Individual or group arming	Sounder Output	110dB	Sounder Output	110dB
Numeric Buttons	0-9	Area Display LEDs	Up to 4 areas	Piezo Sounder	Yes	Piezo Sounder	Yes
Area Display Backlight	Yes	LED Indicators	Area status (blue x 4) alarm/fault (red/amber x 1)	LED Strobe	Yes	LED Strobe	Blue, Red
LED Indicators	Arm (blue), fault (amber), alarm (red), signal (green)	Buzzer	Entry, exit, alarm and warning tones	Tamper Protection	Front and back	Tamper Protection	Front and back
Frame Backlight	Yes	Tamper Protection	Front and back	Encapsulated PCB	Yes	Encapsulated PCB	Yes
Buzzer	Entry, exit, alarm and warning tones	Encapsulated PCB	Yes	Transmission Technology	Tri-X wireless technology	Transmission Technology	Tri-X wireless technology
Tamper Protection	Front and back	Transmission Technology	Tri-X wireless technology	Two-way Wireless Communication	Yes	Two-way Wireless Communication	Yes
Encapsulated PCB	Yes	Two-way Wireless Communication	Yes	Transmission Frequency	868MHz	Transmission Frequency	868MHz
Transmission Technology	Tri-X wireless technology	Transmission Frequency	868MHz	RF Range	1600m (open area)	RF Range	1600m (open area)
Two-way Wireless Communication	Yes	RF Range	1200m (open area)	Transmission Encryption	AES-128 encryption	Transmission Encryption	AES-128 encryption
Transmission Frequency	868MHz	Transmission Encryption	AES-128 encryption	Enrolling Methods	Power up, remote ID and QR code	Enrolling Methods	Power up, remote ID and QR code
RF Range	1200m (open area)	Enrolling Methods	Power up, remote ID and QR code	Frequency Hopping	Multichannel transmission	Frequency Hopping	Multichannel transmission
Transmission Encryption	AES-128 encryption	Frequency Hopping	Multichannel transmission	Signal Strength Indicators	Yes	Signal Strength Indicators	Yes
Enrolling Methods	Power up, remote ID and QR code	Signal Strength Indicators	Yes	Environment Temperature Indicator	Yes	Environment Temperature Indicator	Yes
Frequency Hopping	Multichannel transmission	Environment Temperature Indicator	Yes	Power Input	12 VDC (independent from battery)	Power Input	-
Signal Strength Indicators	Yes	Battery	AA x 4 (included)	Battery	CR123A x 4 (included)	Battery	CR123A x 4 (included)
Environment Temperature Indicator	Yes	Standard Battery Life	3 years	Standard Battery Life	5 years	Standard Battery Life	5 years
Battery	AA x 4 (included)	Dimension (mm)	75 x 124 x 0.8	Dimension (mm)	190 x 200 x 47.4	Dimension (mm)	90 x 90 x 30
Standard Battery Life	3 years	Operating Temperature	-10°C to +55°C	Waterproof	IP65	Waterproof	-
Operating Temperature	-10°C to +55°C	Operating Temperature	-10°C to +55°C				
Dimension (mm)	86 x 140 x 22						

## Hikvision Hybrid Panel

Model	DS-PKF1-WE	Model	DS-PHA20-P	DS-PHA20-W2P	DS-PHA64-M	DS-PHA64-W4M
<b>Image</b>	 <span style="color:red">NEW</span>	<b>Image</b>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>	 <span style="color:orange">HOT</span>
<b>Colour</b>	White			<span style="border:1px solid red; border-radius:10px; padding:2px 10px;">Up to 20 Inputs, 20 Outputs; Supports 2 Channel Video Verification</span>		<span style="border:1px solid red; border-radius:10px; padding:2px 10px;">Up to 64 Inputs, 64 Outputs; Supports 4 Channel Video Verification</span>
<b>Buttons</b>	4	<b>Alarm Input</b>	4 on-board zones , and 16 wired/wireless zones expandable	4 on-board zones , and 16 wired/wireless zones expandable	8 on-board zones, and 56 wired/wireless zones expandable	8 on-board zones, and 56 wired/wireless zones expandable
<b>Functions</b>	8 (Relay control coming soon)	<b>Alarm Output</b>	2 on-board outputs, and 18 wired/wireless outputs expandable	2 on-board outputs, and 18 wired/wireless outputs expandable	4 on-board outputs, and 60 wired/wireless outputs expandable	4 on-board outputs, and 60 wired/wireless outputs expandable
<b>Keyfob Lock</b>	Yes	<b>Partition</b>	4	4	8	8
<b>Silent and Audible Panic</b>	Yes	<b>Sounder</b>	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens
<b>Status LED indicator</b>	Arm, (blue), disarm (green) and fault (orange)	<b>SMS Notification (with 3G/4G/GPRS module)</b>	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers
<b>Transmission Technology</b>	Tri-X wireless technology	<b>Network Camera Accessing</b>	-	2	-	4
<b>Two-way Wireless Communication</b>	Yes	<b>Cellular Network (with 3G/4G/GPRS module)</b>	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
<b>Transmission Frequency</b>	868MHz	<b>Tamper Switch</b>	1	1	1	1
<b>RF Range</b>	900m (open area)	<b>Network Interface</b>	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface
<b>Transmission Encryption</b>	AES-128 encryption	<b>Telephone Interface</b>	1, PSTN expander interface	1, PSTN expander interface	1, PSTN expander interface	1, PSTN expander interface
<b>Enrolling Methods</b>	Power up, remote ID and QR code	<b>Battery Interface</b>	Lithium Battery (-P model)	Lithium Battery (-P model)	Storage Battery (-M model)	Storage Battery (-M model)
<b>Frequency Hopping</b>	Multichannel transmission	<b>Operation Temperature</b>	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)
<b>Signal Strength Indicators</b>	Yes					
<b>Battery</b>	CR2032 x 1 (included)					
<b>Standard Battery Life</b>	3 years					
<b>Dimension (mm)</b>	35 x 63 x 11.6					

Video Intercom

Access Control

Security Alarm

Model	DS-PHA64-B	DS-PHA64-W4B
Image	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>
	<span style="border: 1px solid red; border-radius: 10px; padding: 2px 10px; color: red;">Up to 64 Inputs, 64 Outputs</span>	<span style="border: 1px solid red; border-radius: 10px; padding: 2px 10px; color: red;">Up to 64 Inputs, 64 Outputs; Supports 4 Channel Video Verification</span>
Alarm Input	8 on-board zones, and 56 wired/wireless zones expandable	8 on-board zones, and 56 wired/wireless zones expandable
Alarm Output	4 on-board outputs, and 60 wired/wireless outputs expandable	4 on-board outputs, and 60 wired/wireless outputs expandable
Partition	8	8
Sounder	1 wired siren (on-board connection) 2 wireless sirens	1 wired siren (on-board connection) 2 wireless sirens
SMS Notification (with 3G/4G/GPRS module)	Supports up to 8 mobile phone numbers	Supports up to 8 mobile phone numbers
Network Camera Accessing	-	4
Cellular Network (with 3G/4G/GPRS module)	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
Tamper Switch	1	1
Network Interface	1, RJ45 10M/100M Ethernet Interface	1, RJ45 10M/100M Ethernet Interface
Telephone Interface	1, PSTN expander interface	1, PSTN expander interface
Battery Interface	-	-
Operation Temperature	-10°C to +55°C (-4°F to 122°F)	-10°C to +55°C (-4°F to 122°F)

Model	DS-19A08-01BN	DS-19A08-01BNG
Image		
	<span style="border: 1px solid red; border-radius: 10px; padding: 2px 10px; color: red;">Up to 256 Inputs, 256 Outputs</span>	<span style="border: 1px solid red; border-radius: 10px; padding: 2px 10px; color: red;">Up to 256 Inputs, 256 Outputs</span>
Alarm Input	8 inputs onboard expandable to 256	8 inputs onboard expandable to 256
Alarm Output	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)	4 outputs onboard and expandable to 256 (Capacity:30VDC/1A)
Siren Power Supply	12 VDC / 750 mA	12 VDC / 750 mA
PSTN	Yes	Yes
Supported Keypads (LCD)	32	32
Tamper-proof Switch	1, Support Tampering Alarm	1, Support Tampering Alarm
Partitions	8 Partitions, 1 Public Partition	8 Partitions, 1 Public Partition
SMS Alarm-Report Push	-	Yes
Arming/Disarming via SMS Command	-	Yes
Cellular Network	-	GPRS
SIM Card Slot	-	1
Network Interface	1 RJ-45; 10M/100M Self-adaptive	1 RJ-45; 10M/100M Self-adaptive
Keypad Interface	1 RS-485 Half-duplex	1 RS-485 Half-duplex
Working Temperature	-10°C to +55°C	-10°C to +55°C
Working Humidity	10% to 90%	10% to 90%
Installation Mode	Wall-mounting	Wall-mounting
Dimension (mm)	370 × 320 × 86	370 × 320 × 86
Weight (kg)	< 3.5	< 3.5

## Wired Detector

Model	DS-PDP18-EG2	DS-PDC15-EG2	DS-PDD12-EG2
<b>Image</b>			
	52 zones 3D optics including creep-zone protection, full coverage without dead angle	52 zones 3D optics including creep-zone protection, full coverage without dead angle	52 zones 3D optics including creep-zone protection, full coverage without dead angle
<b>Detection Range</b>	18m, 85.9°	15m, 6.3°	12m, 85.9°
<b>Detection Speed</b>	0.3 to 2 m/s	0.3 to 2 m/s	0.3 to 2 m/s
<b>Sensitivity</b>	High, Auto, Low	-	High, Auto, Low
<b>Auto Sensitivity</b>	Yes	Yes	Yes
<b>Onboard EOL</b>	Yes	Yes	Yes
<b>Digital Temperature Compensation</b>	Yes	Yes	Yes
<b>Technology</b>	Digital microprocessor based	Digital microprocessor based	Digital microprocessor based
<b>SEC Technology</b>	Yes	Yes	Yes
<b>Sealed Optics</b>	Yes	Yes	Yes
<b>Creep Zone Protection</b>	Yes	Yes	Yes
<b>Direct Light Filter</b>	6500lux	6500lux	6500lux
<b>Tamper Protection</b>	Front	Front	Front
<b>LED Indicator</b>	Blue [alarm]	Blue [alarm]	Green[PIR], Orange[microwave], Blue[alarm]
<b>Microwave Frequency</b>	-	-	24Ghz (24.15Ghz to 24.25Ghz)
<b>Microwave Range</b>	-	-	Potentiometer adjustment
<b>AND/OR Mode</b>	-	-	AND = PIR + MW OR = PIR / MW[shouldn't be used with pets]
<b>Pet Immunity</b>	10Kg (With optional pet mask)	-	10Kg (With optional pet mask)
<b>Power Supply</b>	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)	9 to 16 VDC (standard: 12 VDC)
<b>Current Consumption</b>	11 mA max	11 mA max	17 mA max
<b>Operating Temperature</b>	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)	-10°C to +55°C (14°F to 131°F)
<b>Storage Temperature</b>	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)	-20°C to +60°C (-4°F to 140°F)
<b>Operating Humidity</b>	10% to 90%	10% to 90%	10% to 90%
<b>Installation Height (m)</b>	1.8 to 2.4	2.4 to 3.6	1.8 to 2.4
<b>Dimension (mm)</b>	65.4 x 86.8 x 45.5	86.8 x 65.4 x 45.5	65.7 x 103.8 x 45.5
<b>Weight (g)</b>	68	68	99
<b>Bracket</b>	Optional wall & ceiling accessory	Optional wall & ceiling accessory	Optional wall & ceiling accessory

Model	DS-PD2-P10PE	DS-PD2-P15E
<b>Image</b>		
	Digital temperature compensation	Digital temperature compensation
<b>Detection Range</b>	10 m	15 m
<b>Detection Angle</b>	85°	85°
<b>Detection Speed</b>	0.3 to 3m/s	0.3 to 3m/s
<b>Mounting Height (m)</b>	1.8 to 2.4	1.8 to 2.4
<b>Anti-Masking</b>	-	-
<b>Anti Blocking</b>	-	-
<b>Animal Immunity (Kg)</b>	up to 24	-
<b>Blue Wave Technology</b>	Yes	Yes
<b>Automatic Sensitivity</b>	Yes	Yes
<b>Digital Temperature Compensation</b>	Yes	Yes
<b>Separate Indication: Microwave, PIR And Alarm</b>	-	-
<b>3 Microwave Frequencies to Avoid Interference</b>	-	-
<b>DEOL Resistors Onboard</b>	Yes	Yes
<b>Tamper Protection</b>	Front	Front
<b>Optics</b>	Sealed optics	Sealed optics
<b>Geometric Lens Configuration</b>	3D	3D
<b>Ceiling Mounted Bracket Included</b>	Yes	Yes
<b>Wall Mounted Bracket Included</b>	Yes	Yes
<b>Power Supply</b>	9 to 16 VDC	9 to 16 VDC

Video Intercom

Access Control

Security Alarm

Model	DS-PD2-P18CE	DS-PD2-P12QE-C	DS-PD2-D15E	DS-PD2-D10PE	DS-PD2-D15AME
Image					
Detection Range	18 m	12 m	15 m	10 m	15 m
Detection Angle	10°	360°	85°	85°	85°
Detection Speed	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s
Mounting Height (m)	1.8 to 3	2.4 to 4	1.8 to 2.4	1.8 to 2.4	1.8 to 2.4
Anti-Masking	-	-	-	-	Yes
Anti Blocking	-	-	-	-	Yes
Animal Immunity (Kg)	-	-	-	up to 24	-
Blue Wave Technology	Yes	Yes	Yes	Yes	Yes
Automatic Sensitivity	Yes	Yes	Yes	Yes	Yes
Digital Temperature Compensation	Yes	Yes	Yes	Yes	Yes
Separate Indication: Microwave, PIR And Alarm	-	-	Yes	Yes	Yes
3 Microwave Frequencies to Avoid Interference	-	-	Yes	Yes	Yes
DEOL Resistors Onboard	Yes	Yes	Yes	Yes	Yes
Tamper Protection	Front	Front	Front	Front	Front and rear
Optics	Sealed optics	Sealed optics	Sealed optics	Sealed optics	Sealed optics
Geometric Lens Configuration	3D	3D	3D	3D	3D
Ceiling Mounted Bracket Included	Yes	-	Yes	Yes	Yes
Wall Mounted Bracket Included	Yes	-	Yes	Yes	Yes
Power Supply	9 to 16 VDC	9 to 16 VDC	9 to 16 VDC	9 to 16 VDC	9 to 16 VDC

Model	DS-PD2-T10AME-EH	DS-PD2-T12AME-EL
Image		
Detection Range	10 m	12 m
Detection Angle	90°	85°
Detection Speed	0.3 to 3m/s	0.3 to 3m/s
Mounting Height (m)	1.8 to 2.4	1 to 1.5
Anti-Masking	Yes	Yes
Anti-Blocking	Yes	Yes
Anti-Sway Analytics	Yes	Yes
Animal Immunity (Kg)	Up to 10	Up to 24
3 Detection Logic: 2 PIR + MW	Yes	Yes
Automatic Sensitivity	Yes	Yes
IFT Technology	Yes	Yes
Digital Temperature Compensation	Yes	Yes
Separate Indication: Microwave, Infrared, Alarm	Yes	Yes
Blue Wave Technology	Yes	Yes
Integrated Walk Test Buzzer	Yes	Yes
Optics	Sealed	Sealed
Waterproof	IP55 rated	IP55 rated
Dimension (mm)	188 x 77 x 84	188 x 77 x 84
Microwave Frequency	10.515, 10.525, 10.535GHz	10.515, 10.525, 10.535GHz
Power Supply	9 to 16 VDC	9 to 16 VDC

Model	DS-PD1-EB	DS-PD1-EB-PF
Image		
Shell Material	Flame Retardant ABS	Metal
Contact Mode	NO/NC	NO/NC
Dimension (mm)	49.5 x 53.5 x 32.5	333 x 88 x 145
Capacity	250 VDC/300mA	250 VDC/300mA

Model	DS-PD1-BG9	Model	DS-PD1-MC-MS	DS-PD1-MC-RS	Model	DS-PD1-SKM
Image	 Anti-electromagnetic interference and anti-RF interference	Image		 For rolling door	Image	 Firm zinc-aluminum alloy shell, with the function of static electricity reduction
Operation Voltage	9-16V DC	Shell Material	Metal plating	Metal plating	Operating Voltage	12 VDC (Valid: 9V to 14V)
Quiescent Current	≤15mA(12V DC)	Capacity	≤100 VDC	≤100 VDC	Current	18mA
Alarm Current	≤25mA	Current	≤500 mA	≤500 mA	Working Temperature	-35°C to +70°C
Detection Range	High sensitivity:9m, Low sensitivity:5m	Contact Scheme (NC\NO)	NC	NC	Working Humidity	95% (Without Condensation)
Test Time	≤60s	Distance(mm)	≥35	≥65	Capacity	12 VDC 300 mA
Operating Temperature	-10°C to +80°C	Installation	Screw	Surface	Dimension (mm)	88 × 58 × 25
Relay Output	NC, contact rating 28 VDC, 80mA	Dimension (mm)	50 × 18 × 10	108 × 40 × 8 [Master] 88 × 20 × 21 [Slaver]		

## Wired Peripherals

Model	DS-PK-L	DS-PK-LRT
Image		
	1. 80 × 25 mm LCD Screen Display 2. One-push to Arm 3. Supports displaying the real-time system status by LED indicator 4. Supports displaying the real-time zones status and events by LCD screen	
Numeric Key	12 (0 1 2 3 4 5 6 7 8 9 * #)	
Function Key	8 Function Keys [Project, Query, Panic, Bypass, Fire, One-push to arm, Scroll up, Scroll down]	
Indicator	Fault( Orange ● ), Network( Green ● ), Alarm( Red ● ), Armed/Disarmed( Blue ● ), Set( Red/Green ● / ● )	
Tamper-proof	Yes	
Uplink Communication	RS-485	
Sound Prompt	Buzzer	
Wireless Frequency	N/A	433MHz/868MHz optional

Model	DS-PKG-H4L	DS-PKG-H8L
Image		
	Real time zone status display	
Numeric Key	12 (0 1 2 3 4 5 6 7 8 9 * #)	
Function Key	Project, Panic, Status, and Bypass	
Indicator	Zone status indicator: 4, red/green	Zone status indicator: 8, red/green
Tamper-proof	Supported	
Uplink Communication	RS-485	
Sound Prompt	Buzzer	
Operation Temperature	-10°C to +55°C (14°F to 131°F)	

Model	DS-PM-RSWR	
Image		
	A converter between wired panel and wireless detectors	
Wireless Detector	8	
Wireless Keyfob	32	
RF Frequency	433MHz/ 868MHz	
RF Transmission Distance	400 m (open space)	
Indicator	1 Red/Green dual color LED	
Tamper Protection	Front and rear	
Power Supply	12 VDC	

Model	DS-PM-MI1	DS-PM-MI2	DS-PM-MI8
Image			
Input	1	2	8
Dimensions (mm)	62 × 33 × 19.5	49.4 × 32 × 14.3	74 × 132.5 × 27

Model	DS-PM-M04-H	DS-PM-M032	Model	DS-PM-MR	Model	DS-PM-RS18
Image			Image		Image	
Output	4	32	Cable Transmission Distance and Cross-sectional Area	Transmission Distance: 2400m, Cross-sectional area: 1.5mm <sup>2</sup>	Input	8
Dimensions (mm)	114 × 187 × 31	184 × 387 × 31	Dimensions (mm)	74 × 135 × 28	Dimensions (mm)	132.5 × 74 × 28

Model	DS-PM-RS04	DS-PM-RS08	DS-PM-RS04-H	DS-PM-RS08-H
Image				
Output	4	8	4	8
Dimensions (mm)	144 × 187 × 31	144 × 197 × 31	144 × 232 × 31.2	144 × 232 × 31.2

## Wireless Control Panel

Model	DS-PWA32-H	DS-PWA32-HGR	DS-PWA32-HSR
<b>Image</b>			
<b>Color</b>	White	White	White
<b>Frequency</b>	433MHz / 868MHz	433MHz / 868MHz	433MHz / 868MHz
<b>Transmission Distance</b>	800 m [Open area]	800 m [Open area]	800 m [Open area]
<b>Ethernet</b>	RJ45 10 M / 100 M adaptable Ethernet interface	RJ45 10 M / 100 M adaptable Ethernet interface	RJ45 10 M / 100 M adaptable Ethernet interface
<b>GPRS (SMS&amp;Call)</b>	-	Yes	-
<b>3G/4G (SMS&amp;Call)</b>	-	-	Yes
<b>Keypad</b>	-	-	-
<b>LCD Screen</b>	-	-	-
<b>Tag Reader</b>	-	Yes	Yes
<b>Wireless Input</b>	32	32	32
<b>Wireless Keypad</b>	8	8	8
<b>Wireless Output Expander</b>	4	4	4
<b>Wireless Siren</b>	4	4	4
<b>Voice Prompt</b>	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker
<b>Tamper Switch</b>	Yes	Yes	Yes
<b>Power Interface</b>	5 VDC	5 VDC	5 VDC
<b>Backup Battery</b>	Lithium battery (4600mAh)	Lithium battery (4600mAh)	Lithium battery (4600mAh)
<b>Power Consumption</b>	<10 W	<10 W	<10 W

## Wireless Detector

Model	DS-PD2-P10P-W	DS-PD2-D12-W
<b>Image</b>		
<b>Detection Range</b>	10 m	12 m
<b>Detection Speed</b>	0.3 to 3m/s	0.3 to 3m/s
<b>Detection Angle</b>	85°	85°
<b>Detection Zones</b>	56 zones, 6 planes	60 zones, 7 planes
<b>Mounting Height (m)</b>	1.8 to 2.4	1.8 to 2.4
<b>Animal Immunity (kg)</b>	Up to 24	-
<b>Blue Wave Technology</b>	Yes	Yes
<b>Automatic Sensitivity</b>	Yes	Yes
<b>Digital Temperature Compensation</b>	Yes	Yes
<b>Separate Indication: Microwave, PIR, and Alarm</b>	-	Yes
<b>3 Microwave Frequencies to Avoid Interference</b>	-	Yes
<b>Tamper Protection</b>	Front and rear	Front and rear
<b>Transmission Distance</b>	800 m [open area]	800 m [open area]
<b>Battery</b>	1x CR123A (included)	2x CR123A (included)
<b>Ceiling Mounted Bracket Included</b>	Yes	Yes
<b>Wall Mounted Bracket Included</b>	Yes	Yes

Model	DS-PD2-D10P-W	DS-PD2-P25-W	DS-PD2-P15C-W
Image			
Detection Range	10 m	25 m	15 m
Detection Speed	0.3 to 3m/s	0.3 to 3m/s	0.3 to 3m/s
Detection Angle	85°	8°	10°
Detection Zones	56 zones, 6 planes	46 zones, 6 planes	24 zones, 6 planes
Mounting Height (m)	1.8 to 2.4	1.8 to 2.4	1.8 to 3
Animal Immunity (kg)	Up to 24	-	-
Blue Wave Technology	Yes	Yes	Yes
Automatic Sensitivity	Yes	Yes	Yes
Digital Temperature Compensation	Yes	Yes	Yes
Separate Indication: Microwave, PIR, and Alarm	Yes	-	-
3 Microwave Frequencies to Avoid Interference	Yes	-	-
Tamper Protection	Front and rear	Front and rear	Front and rear
Transmission Distance	800 m (open area)	800 m (open area)	800 m (open area)
Battery	2x CR123A (included)	1x CR123A (included)	1x CR123A (included)
Ceiling Mounted Bracket Included	Yes	Yes	Yes
Wall Mounted Bracket Included	Yes	Yes	Yes

Model	DS-PD2-T10P-WEH	DS-PD2-T12P-WEL
Image		
Detection Range (m)	10	12
Detection Angle	85°	90°
Mounting Height (m)	1.8 to 2.4	1 to 1.5
Two-way Wireless Technology	Yes	Yes
Integrated Walk Test Buzzer	Yes	Yes
Separate LED Indication	Top: Microwave, PIR 1 and alarm Bottom: PIR 2	Top: Microwave, PIR 1 and alarm Bottom: PIR 2
3 Microwave Frequencies to Avoid Interference	Yes	Yes
Anti-Sway Analytics	Yes	Yes
Animal Immunity (Kg)	Up to 10	Up to 24
Adjustable Sensitivity	High or low range	High or low range
White Light Filter	6500 Lux	6500 Lux
Detection Method	Tri-Signal Detection Logic	Tri-Signal Detection Logic
Sensor	2 low -use dual element passive infrared sensors and a microwave doppler unit	2 low -use dual element passive infrared sensors and a microwave doppler unit
Waterproof	IP55 rated	IP55 rated
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800 m (open area)	800 m (open area)
Battery	2 x 3V Lithium battery (included)	2 x 3V Lithium battery (included)

Model	DS-PD1-PM-W	Model	DS-PD1-EB-WR	Model	DS-PD1-WL-W	Model	DS-PD1-MC-WWS
Image		Image		Image		Image	
Transmission Frequency	433MHz	Transmission Frequency	433MHz	Transmission Frequency	433MHz	Transmission Frequency	433 MHz / 868 MHz
Modulation	Frequency modulation	Transmission Method	Two-way wireless, AES-128 encryption	Transmission Distance	300m [Open area]	Transmission Distance	800m [Open area]
Transmission Distance	500 m [Open area]	Transmission Distance	800 m [open area]	Tamper Switch	YES	LED Indicator	1
Tamper Proof	Yes	LED Indicator	Red: Alarm	Detection Method	Touch	Tamper Switch	Supported [Front shell and Rear cover]
Working Temperature	-10°C to +55°C	Battery	1X CR2450 3.0V [included]	Operation Temperature	-10°C to +55°C	Battery	CR123A 3.0V, 2 years [included]
Working Humidity	10% to 90%	Operation Temperature	-10°C to +55°C	Operation Humidity	≤95%RH	Operation Temperature	-10°C to +55°C
Waterproof	IP66	Dimensions (mm)	63.8 × 63.8 × 17.9	Dimensions (mm)	73 × 52 × 21	Operation Humidity	10% to 90%
Dimensions (mm)	60 × 31 × 10	Weight (g)	46	Weight (g)	64.5	Dimensions (mm)	84 × 25 × 21
Weight (g)	22	Application	Indoor	Weight (g)	37	Weight (g)	37
Battery	CR2450, 2 years [included]						

### Wireless Peripherals

Model	DS-PD1-TP-W	Model	DS-PKA-WLM	Model	DS-PTA-WL	Model	DS-PSG-WI	DS-PS6-W0
Image		Image		Image		Image		
Transmission Frequency	433MHz	Function Keys	Fire alarm, away arming, stay arming, disarming, delete, and confirm	Indicator	3, red, green and orange	Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	300m (Open area)	Card	Supports standard IC card swiping	Buzzer	Prompt for card operation and tampering alarm	Modulation	Frequency modulation	Frequency modulation
Tamper Switch	Yes	Buzzer	1	Transmission Distance	800m (Open area)	Transmission Distance	800m (Open area)	800m (Open area)
Detection Method	Touch	Transmission Distance	800m (Open area)	Transmission Frequency	433 MHz/868 MHz	Indicator	Blue (on front panel), Green/Red (on PCB)	Blue (on front panel), Green/Red (on PCB)
Working Temperature	-10°C to +55°C	Transmission Frequency	433 MHz / 868 MHz	Power	3 VDC power input	Tamper Proof	Yes	Yes
Working Humidity	≤95%RH	Power	3 VDC power input	Battery Type	4 AAA battery	Battery Type	3 CR123A Battery (default) or 12 VDC	4 CR123A Battery (default) or 12 VDC
Dimensions (mm)	73 × 52 × 21	Battery Type	4 AA Battery	Operation Humidity	10% to 90% (no condensing)	Working Temperature	-10°C to +60°C (-13°F to 140°F)	-25°C to +60°C (-13°F to 140°F)
Weight (g)	61.5	Operation Humidity	10% to 90% (No condensing)	Operation Temperature	-20°C to +60°C (-4°F to 140°F)	Working Humidity	10% to 90% (no condensing)	10% to 90% (no condensing)
Color	White	Operation Temperature	-10°C to +55°C (-4°F to 122°F)	Color	White	Dimensions (mm)	90.0 × 90.0 × 30.0 mm [35.4" × 35.4" × 11.8"]	220.5 × 205.2 × 46 mm [8.68" × 8.08" × 1.81"]
Dimension	ø131.5 mm (5.2") height: 23 mm (0.9")	Color	White	Dimension	90.78 × 90.78 × 15.5 mm (3.57" × 3.57" × 0.61")	Waterproof	IP54	IP65

Model	DS-19K00-Y	DS-PKFE-5
Image		
Button	Arm, Disarm, Stay arm, Panic alarm, Alarm elimination	Arm, Disarm, Stay arm, Panic alarm, Alarm elimination
Transmission Frequency	433MHz	868MHz
Transmission Distance	300 m (Open area)	300 m (Open area)
Encryption Scheme	Rolling code DES	Rolling code DES
Indicator	Red/Green LED	Red/Green LED
Battery	3V/210mAh (included)	3V/210mAh (included)
Dimensions (mm)	63 × 49 × 16	63 × 49 × 16
Weight (g)	24.5	24.5

Model	DS-PM-W02	DS-PM-W08	DS-PM-W1
Image	 HOT	 HOT	 HOT
Transmission Frequency	433 MHz / 868 MHz	433 MHz / 868 MHz	433 MHz / 868 MHz
Transmission Distance	800m (Open area)	800m (Open area)	800m (Open area)
RF Speed	10.0kbps	10.0kbps	10.0kbps
Alarm Output Type	2-way, Up to 30VDC/1A	8-way, Up to 30VDC/1A	One NC input
Power Supply	9 to 15 VDC	9 to 15 VDC	CR123/3V (included)
Tamper	Front and rear	Front and rear	Front and rear
Status LEDs	3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)	3 LEDs: Power(green), Fault(orange), Signal strength(green&orange)	One red & green LED
Switch	One onboard switch for turning on/off LED	One onboard switch for turning on/off LED	One onboard tamper button
Shell Material	PC+ABS	PC+ABS	One switch for turning on/off LED
Application Scenario	Indoor	Indoor	PC+ABS
Operating Temperature	-10°C to +55°C	-10°C to +55°C	Indoor
Operating Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	-10°C to +55°C
Dimensions (mm)	160 × 105 × 28	160 × 105 × 28	10% to 90% (Non-Condensing)

## Security Alarm

# Emergency Alarm

### Quick Response To Security Needs

Hikvision's Emergency Alarm Series has been specifically designed for use in public places to expand safety, confidence, and security. These alarms are especially useful when emergency situations occur and timely responses are required. Both pole mounted and box mounted panic alarm station designs are available to cover a multitude of scenarios.

- Video collection and 24/7 monitoring with 2 MP HD IR camera
- Internal audible and visual alarm
- Electronically controlled & conventional cabinet locks



## Panic Alarm Products

Model	DS-PEAP-CVS1	DS-PEAP-CV1	DS-PEAP-CVS1E	DS-PEAP-CV1E
Image	 <span style="color:red">NEW</span> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;">           1. Dual network ports            2. Support POE            3. IK10            4. IP65            5. Standard SIP            6. Braille on button            7. 3G/4G         </div>	 <span style="color:red">NEW</span> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;">           1. Dual network ports            2. Support POE            3. IK10            4. IP65            5. Standard SIP            6. Braille on button         </div>	 <span style="color:red">NEW</span> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;">           1. Dual network ports            2. Support POE            3. IK10            4. IP65            5. Standard SIP            6. Braille on button            7. 3G/4G         </div>	 <span style="color:red">NEW</span> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;">           1. Dual network ports            2. Support POE            3. IK10            4. IP65            5. Standard SIP            6. Braille on button         </div>
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera	2 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, HIK-SIP, RTSP	TCP/IP, HIK-SIP, RTSP	TCP/IP, HIK-SIP, RTSP	TCP/IP, HIK-SIP, RTSP
PSTN	1	1	1	1
Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2	2	2	2
I/O Output	2	2	2	2
Public Network Transmission	ISUP 2.0/Standard SIP	ISUP 2.0/Standard SIP	ISUP 2.0/Standard SIP	ISUP 2.0/Standard SIP
Network Encryption	User name and password authentication	User name and password authentication	User name and password authentication	User name and password authentication
SD Card	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
3G/4G Module	Yes	No	Yes	No
Power Supply	12 VDC/POE	12 VDC/POE	12 VDC/POE	12 VDC/POE
Operation Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Operation Temperature	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C	-40°C to +65°C
Dimension (mm)	190 x 119 x 47	190 x 119 x 47	229 x 138 x 44.5	229 x 138 x 44.5
Mounting mode	Wall and surface mounting	Wall and surface mounting	Wall and flush mounting	Wall and flush mounting

Video Intercom

Access Control

Security Alarm

Model	DS-PEA1-N1	DS-PEA1-21	DS-PEA2-21
Image	 <span style="color: orange;">HOT</span>	 <span style="color: orange;">HOT</span>	
	1.Dual network ports 2.Support POE 3.IK10	1.Dual network ports 2.Build-in loudspeaker and pickup with cracking voice prevention 3.Video collection and all-day monitoring with 2 MP HD IR camera	1.Dual network ports 2.Video collection and all-day monitoring with 2 MP HD IR camera 3. Internal audible and visual alarm
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	NO	2 MP HD IR Camera, IR Distance ≥ 10 m	2 MP HD IR Camera, IR Distance ≥ 10 m
Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 3 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SNMP, SIP-HIK, RTSP, DHCP	TCP/IP, RTSP, SNMP, HIK-SIP	TCP/IP, RTSP, SNMP, HIK-SIP
Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2	2	2
I/O Output	1	2	2
Public Network Transmission	ISUP 2.0	ISUP 2.0	ISUP 2.0
Network Encryption	Supports User Lock-in and Password Security Prompt	Supports User Lock-in and Password Security Prompt	Supports User Lock-in and Password Security Prompt
Switch	NO	NO	NO
Alarm Lamp	NO	NO	1, Light Can be Configured Separately
Siren	NO	NO	1, Sound Can be Configured Separately
SD Card	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G
Power Supply	12 VDC/POE	12 VDC	220 VAC
Operation Humidity	10% to 90%	10% to 90%	10% to 90%
Operation Temperature	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C
Installation	Wall Mounting	Wall Mounting	Hold Hooping and Wall Mounting
Dimension (mm)	170 x 108 x 39.5	218 x 128 x 58	504 x 327.7 x 125

**Pole Panic Alarm Station**

Model	DS-PEA3M-21	DS-PEA3M-21H
<b>Image</b>		
	<p>1.Dual network ports 2.Video collection and all-day monitoring with 2 MP HD IR camera 3.Electronic Controlled Cabinet Lock/ Normal Cabinet Lock</p>	<p>1.Dual network ports 2.Video collection and all-day monitoring with 2 MP HD IR camera 3.Internal audible and visual alarm 4. Electronic Controlled Cabinet Lock/Normal Cabinet Lock 5. Including 8 Ports switch"</p>
<b>Processor</b>	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
<b>Operation System</b>	Embedded Linux Operation System	Embedded Linux Operation System
<b>Camera</b>	2 MP HD IR Camera, IR Distance ≥ 10 m	2 MP HD IR Camera, IR Distance ≥ 10 m
<b>Audio Input</b>	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 5 m 1-ch 3.5 mm Audio Interface for External Audio Input
<b>Audio Output</b>	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 30 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
<b>Network Protocol</b>	TCP/IP, RTSP, SNMP, HIK-SIP	TCP/IP, RTSP, SNMP, HIK-SIP
<b>Ethernet Port</b>	2 RJ45 10M/100M Self-adaptive Ethernet Port	2 RJ45 10M/100M Self-adaptive Ethernet Port
<b>I/O Input</b>	2	2
<b>I/O Output</b>	2	2
<b>Public Network Transmission</b>	ISUP 2.0	ISUP 2.0
<b>Network Encryption</b>	Supports User Lock-in and Password Security Prompt	Supports User Lock-in and Password Security Prompt
<b>Switch</b>	No	8-ports switch × 1
<b>Alarm Lamp</b>	1 Red and Blue Alarm Lamp, Light Can be Configured Separately	1 Red and Blue Alarm Lamp, Light Can be Configured Separately
<b>Siren</b>	110dB, Sound Can be Configured Separately	110dB, Sound Can be Configured Separately
<b>SD Card</b>	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G	Standard Micro SD card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 128G
<b>Power Supply</b>	220 VAC	220 VAC
<b>Operation Humidity</b>	10% to 90%	10% to 90%
<b>Operation Temperature</b>	-25°C to +55°C	-25°C to +55°C
<b>Installation</b>	Ground Mounting	Ground Mounting
<b>Dimension (mm)</b>	450 x 500 x 2205	450 x 500 x 4534

**Master Station**

Model	DS-PEA4H-10
<b>Appearance</b>	
	<p>1. Rotatable 2 MP built-in camera 2. Video intercom between general/ pole/ box panic alarm station and master station 3. Real-time intercom, monitoring, group broadcast, quick dialing, call forwarding, call waiting etc. 4. Auto noise suppression and auto echo cancellation</p>
<b>Built-in Camera</b>	CMOS, 2 MP, 1920 × 1080, PAL: 25 FPS, NTSC: 30 FPS
<b>Screen</b>	10.1-inch colorful TFT LCD, 1280 × 800
<b>Operation Type</b>	Touch screen, and mechanical key
<b>Audio Input</b>	Built-in microphone, handset, and mic support
<b>Audio Output</b>	Built-in loudspeaker, and handset
<b>Audio Compression Standard</b>	G.711U, G.726, AAC, and Opus
<b>Network Protocol</b>	TCP/IP, HIK-SIP, and RTSP
<b>Network Interface</b>	1 RJ45 10M/100M/1000 M Self-adaptive Ethernet Ports
<b>I/O Input</b>	4
<b>I/O Output</b>	4, Relay Output
<b>RJ11</b>	1, for handset
<b>VGA Output</b>	1, for display user interface, which can be used synchronously with HDMI
<b>HDMI Output</b>	1, for display user interface, which can be used synchronously with VGA
<b>Micro SDXC</b>	1, Micro SDXC (≤ 128 GB)
<b>USB</b>	1, USB 3.0 1, USB 2.0
<b>Power Supply</b>	12 VDC/POE
<b>Operation Humidity</b>	10% to 90%
<b>Operation Temperature</b>	-10°C to +55°C
<b>Consumption</b>	≤ 15W
<b>Dimension(mm)</b>	With handset: 361 × 65 × 197 Without handset: 291 × 41 × 197

# Security Alarm

## Security Radar

Powerful Radar, Now At Your Service

Hikvision Security Radar uses cutting-edge Hikvision technology to accurately pinpoint the location and motion trail of up to multiple potential intruders per radar, even in the harshest weather conditions. Radar solution is perfect for locations that require high security level and stable detection, such as ports, airports and large open industrial areas.

- 7x24, all weather (IP67, IK09)
- Wide detection coverage
- Multiple targets auto tracking
- Links up to 4 PTZ dome cameras



## Security Radar

Model	DS-PR1-60	DS-PRI120
Image	 <span style="color: orange;">• HOT</span>	 <span style="color: orange;">• HOT</span>
1. IP67, IK09, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras		1. IP67, IK10, 24/7 all-weather 2. Supports link to up to 4 speed dome cameras
Detection Range	60 m	120 m
Horizontal Angle	100°	120°
Coverage	3000 m <sup>2</sup>	15000 m <sup>2</sup>
Max. Target Number	32	64
Frequency	24 GHz	24 GHz
Network Protocol	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH	HTTP, DNS, NTP, TCP, UDP, DHCP, ARP, SSH
Zone	8	16
Relay Output	4	4
Power Supply	12 VDC/POE	12 VDC/POE
Consumption	6 W	≤ 8 W
Operation Temperature	-40°C to 65°C (-40°F to 149°F)	-40°C to 65°C (-40°F to 149°F)
Operation Humidity	10% to 90%	10% to 90%
Protection Level	IP67, IK09	IP67, IK09
Installation	Installation height: 1.2 m to 4 m [4.72 " to 15.7 "] (Recommended: 2.5 m [9.84"])	Installation height: 1.2 m to 4 m [4.72 " to 15.7 "] (Recommended: 2.5 m [9.84"])
Weight (Kg)	1.84	1.84
Dimension (mm)	206 × 228 × 61 [8.11" × 8.98" × 2.40"]	206 × 228 × 61 [8.11" × 8.98" × 2.40"]

## Brackets

Model	DS-PRB-1110	DS-PRB-1200	DS-PRB-1310	DS-PRB-2200	DS-PRB-1120
Image					
Installation Method	Wall Bracket	Hooping Bracket	Hooping with Wallbracket	PTZ-Radar linkage, Hooping Bracket	Auxiliary Bracket

• **Headquarters**

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China  
 +86-571-8807-5998  
 overseasbusiness@hikvision.com

• **USA**  
 +1-909-895-0400  
 sales.usa@hikvision.com

• **Europe**  
 +31-23-5542770  
 sales.eu@hikvision.com

• **UK & Ireland**  
 +01628-902140  
 sales.uk@hikvision.com

• **UAE**  
 +971-4-4432090  
 salesme@hikvision.com

• **Russia**  
 +7-495-669-67-99  
 saleru@hikvision.com

• **Australia**  
 +61-2-8599-4233  
 salesau@hikvision.com

• **Italy**  
 +39-0438-6902  
 info.it@hikvision.com

• **South Africa**  
 +27877018113  
 sale.africa@hikvision.com

• **Singapore**  
 +65-6684-4718  
 sg@hikvision.com

• **Korea**  
 +82-(0)31-731-8817  
 sales.korea@hikvision.com

• **India**  
 +91-22-28469900  
 sales@pramahikvision.com

• **Brazil**  
 +55 11 3318-0050  
 Latam.support@hikvision.com

• **France**  
 +33(0)1-85-330-450  
 info.fr@hikvision.com

• **Spain**  
 +34-91-737-16-55  
 info.es@hikvision.com

• **Poland**  
 +48-22-460-01-50  
 info.pl@hikvision.com

• **Canada**  
 +1-866-200-6690  
 sales.canada@hikvision.com

• **Turkey**  
 +90 (216)521 7070- 7074  
 sales.tr@hikvision.com

• **Kazakhstan**  
 +7-727-9730667  
 nikia.panfilov@hikvision.ru

• **Tashkent**  
 +99-87-1238-9438  
 uzb@hikvision.ru

• **Indonesia**  
 +62-21-2933759  
 Sales.Indonesia@hikvision.com

• **Thailand**  
 +662-275-9949  
 sales.thailand@hikvision.com

• **Malaysia**  
 +601-7652-2413  
 sales.my@hikvision.com

• **Vietnam**  
 +84-974270888  
 sales.vt@hikvision.com

• **Hong Kong**  
 +852-2151-1761  
 info.hk@hikvision.com

• **Colombia**  
 sales.colombia@hikvision.com

• **Germany**  
 +49-69-401507290  
 sales.adch@hikvision.com

• **Philippines**  
 sales.ph@hikvision.com



PRODUCT QUICK GUIDE

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