

	AHD, HD-CVI, HD-TVI, PAL VANDAL-PROOF CAMERA HAC-HIDW2241RA-2-2712-S2-DIP- 1080p 2.7 ... 12 mm - MOTOZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL VANDAL-PROOF CAMERA HAC- HIDW2241RA-2-2712-S2-DIP- 1080p 2.7 ... 13.5 mm - MOTOZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HIDW12007-2- A-2712-S5 - 1080p 2.7 ... 12 mm - MOTOZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HIDW12007-2- A-2712-S6 - 1080p 2.7 ... 12 mm - MOTOZOOM DAHUA	AHD, HD-CVI, HD-TVI, PAL CAMERA HAC-HIDW12311C- Z-A-2712 - 1080p 2.7 ... 12 mm - MOTOZOOM DAHUA	AHD, HD-CVI, HD-TVI, CVBS CAMERA DS-2CE56D8T- IT-2712-7-13.5mm(C)- 5 Mpx Hikvision	AHD, HD-CVI, HD-TVI, CVBS CAMERA DS-2CE72H0C- IT-2712-7-13.5mm(C)- 5 Mpx Hikvision	AHD, HD-CVI, HD-TVI, PAL CAMERA BCS-B-8X82812- 8.3 Mpx 4K UHD 2.7 ... 12 mm BCS BASIC	AHD, HD-CVI, HD-TVI, PAL CAMERA BCS- DM0480SR31-B - 8.3 Mpx 4K UHD 3.3 ... 12 mm MOTOZOOM	AHD, HD-CVI, HD-TVI, PAL CAMERA BCS-EA45VR4H2 -5 Mpx 3.3 ... 12 mm	AHD, HD-CVI, HD-TVI, PAL CAMERA BCS-EA48VWR- GH21 - 8 Mpx 4K UHD 2.7 ... 13.5 mm - MOTOZOOM	AHD, HD-CVI, HD-TVI, PAL CAMERA BCS-EA55VSR4- GH21 - 5 Mpx 2.8 ... 12 mm - MOTOZOOM	AHD, HD-CVI, HD-TVI, PAL CAMERA BCS- EA55VSR4H21 - 8 Mpx 4K UHD 3.6 ... 10 mm - MOTOZOOM	AHD, HD-CVI, HD-TVI, PAL CAMERA BCS-EA55VSR4- GH21 - 8 Mpx 4K UHD 3.6 ... 10 mm - MOTOZOOM	
															
Standard	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI, CVBS	AHD, HD-CVI, HD-TVI / CVBS	AHD / HD-CVI / HD-TVI / CVBS	AHD / HD-CVI / HD-TVI / CVBS	AHD / HD-CVI / HD-TVI / CVBS	AHD / HD-CVI / HD-TVI / CVBS	AHD / HD-CVI / HD-TVI / CVBS	AHD / HD-CVI / HD-TVI / CVBS	AHD / HD-CVI / HD-TVI / CVBS
Matrix size	2.1 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	2.1 Mpx	5 Mpx	2.1 Mpx	8.3 Mpx	8.3 Mpx	8.3 Mpx	8.3 Mpx	8.3 Mpx	8.3 Mpx	8.3 Mpx
IR illuminator support	-	-	ICR - Movable InfraRed filter	ICR - Movable InfraRed filter	ICR - Movable InfraRed filter	-	-	-	-	-	-	-	-	-	-
S/N ratio	> 65 dB	> 65 dB	> 65 dB	> 65 dB	> 65 dB	-	-	-	-	-	-	-	-	-	-
Sensor	Progressive Scan CMOS	Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	Progressive Scan CMOS	Progressive Scan CMOS	1/2.3" Progressive Scan CMOS	1/2.5" CMOS	1/2.5" CMOS	1/2.7" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/1.8" CMOS	1/1.8" CMOS
Resolution	1920 x 1080 - 1080p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p, 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 1280 x 720 - 720p - 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 1280 x 720 - 720p - 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 960 x 576 - 960H, PAL	1920 x 1080 - 1080p - 960 x 576 - 960H, PAL	2560 x 1440 - 5 Mpx @ AHD / HD-TVI, 15 fps / 12.5 fps, 2704 x 1550 - 5 Mpx @ AHD / HD-TVI / HD-CVI, 20 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps, 1920 x 1080 - 1080p @ HD-TVI, 25 fps, 960 x 576 - 960H @ CVBS	3840 x 2160 - 8.3 Mpx 4K UHD @ 15 fps, 960 x 576 - 960H @ 25 fps, PAL	2704 x 1550 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps, 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 30 fps / 25 fps, 960 x 576 - 960H @ CVBS	2704 x 1550 - 5 Mpx @ AHD / HD-TVI @ 20 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI @ 25 fps, 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI @ 30 fps / 25 fps, 960 x 576 - 960H @ CVBS	3840 x 2160 - 8 Mpx, 4K UHD @ AHD / HD-TVI / HD-CVI, 15 fps, 2880 x 1620 - 5 Mpx @ AHD / HD-TVI / HD-CVI, 25 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI, 30 fps / 25 fps, 960 x 576 - 960H @ CVBS	2592 x 1444 - 5 Mpx @ AHD / HD-TVI, 20 fps, 2560 x 1440 - 4 Mpx @ AHD / HD-TVI / HD-CVI, 25 fps, 1920 x 1080 - 1080p @ AHD / HD-TVI / HD-CVI, 25 fps, 960 x 576 - 960H @ CVBS	3840 x 2160 - 8 Mpx, 4K UHD @ AHD / HD-TVI / HD-CVI, 15 fps, 960 x 576 - 960H @ CVBS	3840 x 2160 - 8 Mpx, 4K UHD @ AHD / HD-TVI / HD-CVI, 15 fps, 960 x 576 - 960H @ CVBS
Range of IR illumination	60 m	60 m	60 m	60 m	60 m	60 m	40 m	40 m	40 m	40 m	60 m	40 m	40 m	40 m	40 m
IR illuminator power adjustment	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	-	-	-	-	-
Lens	2.7 ... 12 mm - Motozoom - AutoFocus	2.7 ... 13.5 mm - Motozoom - AutoFocus	2.7 ... 12 mm - Motozoom - The camera does not have auto-focus function	2.7 ... 12 mm - Motozoom - The camera does not have auto-focus function	2.7 ... 12 mm - Motozoom - The camera does not have auto-focus function	2.7 ... 12 mm - Motozoom	2.7 ... 13.5 mm - Motozoom	2.7 ... 13.5 mm - Motozoom	2.8 ... 12 mm, F1.2	3.3 ... 12 mm Motozoom, AutoFocus	3.3 ... 12 mm	2.7 ... 13.5 mm - Motozoom	2.8 ... 12 mm - Motozoom	3.6 ... 10 mm - Motozoom	3.6 ... 10 mm - Motozoom
View angle	• 98 ° ... 28 ° (manufacturer data) • 90 ° ... 27 ° (our tests result)	108 ° ... 30 °	• 102 ° ... 33 ° (manufacturer data) • 96 ° ... 34 ° (our tests result)	98 ° ... 28 °	• 102 ° ... 32 ° (manufacturer data) • 99 ° ... 33 ° (our tests result)	• 103 ° ... 32 ° (manufacturer data) • 95 ° ... 32 ° (our tests result)	• 95 ° ... 26 ° (manufacturer data) • 93 ... 25 (our tests result)	• 95 ° ... 26 ° (manufacturer data) • 93 ... 25 (our tests result)	• 90 ° ... 31 ° (manufacturer data) • 102 ° ... 30 ° (our tests result)	120 ° ... 38 °	114 ° ... 32 °	124 ° ... 36 °	123 ° ... 48 °	123 ° ... 48 °	123 ° ... 48 °
Country of origin	-	-	-	-	-	China	China	China	-	-	-	-	-	-	-
Video output	AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω	1 Vpp / 75 Ω - AHD / HD-CVI / HD-TVI / CVBS - selectable by switch	1 x AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω, BNC socket	AHD / HD-CVI / HD-TVI / CVBS - 1 Vpp / 75 Ω, selectable by switch	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω	AHD / HD-CVI / HD-TVI / CVBS, 1 Vpp / 75 Ω
Audio	-	Microphone built-in - HD-CVI only	Microphone built-in - HD-CVI only	• Microphone built-in - Audio support via coaxial cable - HD-CVI only	Microphone built-in - Audio support via coaxial cable - HD-CVI only	-	-	-	-	-	✓	✓	Microphone built-in	Microphone built-in	Microphone built-in
OSD menu	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	OSD menu available via DAHUA recorder	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Mechanical protection class	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAP Code	-	-	-	-	-	300612856	300615088	-	-	-	-	-	-	-	-
Main features	• Motozoom lens - The control possible only from Dahua recorders in HD-CVI mode • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • Day/night mode • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • AGC - Automatic Gain Control • Auto White Balance • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Motozoom lens - The control possible only from Dahua recorders in HD-CVI mode • WDR - 130 dB - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Motozoom lens - The control possible only from Dahua recorders in HD-CVI mode • D-WDR - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Motozoom lens - The control possible only from Dahua recorders in HD-CVI mode • D-WDR - Wide Dynamic Range • 3D-DNR - Digital Noise Reduction • BLC/HLC - Back Light / High Light Compensation • Day/night mode • ICR - Movable InfraRed filter • BLC/HLC - Back Light / High Light Compensation • Auto White Balance • AGC - Automatic Gain Control • Mirror - Mirror image • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Motozoom lens - The control possible only from Dahua recorders in HD-CVI mode • WDR - 130 dB - Wide Dynamic Range • 2D-DNR - Digital Noise Reduction • EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • BLC/HLC - Back Light / High Light Compensation • AGC - Automatic Gain Control • ICR - Movable InfraRed filter • Motion Detection - max. 4 zones • Privacy zones - max. 8 • Sharpness - sharper image outlines	• Motozoom lens, AutoFocus • WDR ≥ 130 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • EXIR - high-efficiency infrared LEDs technology, which evenly covers the whole plan of both central vantage points of the scene as well as the corners • BLC - Back Light Compensation • PLC - The technology eliminates the firing eyes flickering image effect • Sharpness - sharper image outlines • AGC - Automatic Gain Control • White Balance - ATW/Manual • Day/night mode • ICR - Movable InfraRed filter • Mirror - Mirror image	• D-WDR - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • BLC - Back Light Compensation • PLC - The technology eliminates the firing eyes flickering image effect • Sharpness - sharper image outlines • AGC - Automatic Gain Control • White Balance - ATW/Manual • Day/night mode • ICR - Movable InfraRed filter • Mirror - Mirror image	• Motozoom lens, AutoFocus • WDR - 120 dB - Wide Dynamic Range • 2D-DNR, 3D-DNR - Digital Noise Reduction • F-DNR (Defog) - Reduction of image noise caused by precipitation • ICR - Movable InfraRed filter • Auto White Balance • AGC - Automatic Gain Control • AES - Auto Electronic Shutter • Motion Detection - max. 4 zones • Privacy zones - max. 16	• WDR - 120 dB - Wide Dynamic Range • Auto White Balance • F-DNR (Defog) - Reduction of image noise caused by precipitation • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Day/night mode • ICR - Movable InfraRed filter	• WDR - 120 dB - Wide Dynamic Range • Auto White Balance • F-DNR (Defog) - Reduction of image noise caused by precipitation • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Day/night mode • ICR - Movable InfraRed filter	• WDR - 120 dB - Wide Dynamic Range • Auto White Balance • F-DNR (Defog) - Reduction of image noise caused by precipitation • 3D-DNR - Digital Noise Reduction • AGC - Automatic Gain Control • Day/night mode • ICR - Movable InfraRed filter	• D-WDR - Wide Dynamic Range • Auto White Balance • AGC - Automatic Gain Control • Day/night mode • ICR - Movable InfraRed filter	• D-WDR - Wide Dynamic Range • Auto White Balance • AGC - Automatic Gain Control • Day/night mode • ICR - Movable InfraRed filter	• D-WDR - Wide Dynamic Range • Auto White Balance • AGC - Automatic Gain Control • Day/night mode • ICR - Movable InfraRed filter	
Power supply	12 V DC / 340 mA	12 V DC / 580 mA	12 V DC / 690 mA	12 V DC / 530 mA	12 V DC / 690 mA	12 V DC / 620 mA	12 V DC / 520 mA	12 V DC / 420 mA	12 V DC / 500 mA	12 V DC / 670 mA	12 V DC / 670 mA	12 V DC / 670 mA	12 V DC / 840 mA	12 V DC / 840 mA	12 V DC / 840 mA
Power consumption	≤ 4.1 W	≤ 6.9 W	≤ 8.2 W	≤ 6.4 W	≤ 8.2 W	≤ 7.5 W	≤ 6.2 W	≤ 5 W	≤ 6 W	≤ 8 W	≤ 8 W	≤ 10 W	≤ 10 W	≤ 10 W	≤ 10 W
Housing	Dome, Metal	Dome, Metal	Dome, Aluminum	Dome, Metal	Dome, Aluminum	Dome, Metal	Dome, Metal	Dome, Metal	Dome, Metal	Dome, Metal	Dome, Metal	Dome, Metal	Dome, Metal	Dome, Metal	Dome, Metal
Color	White	White	White	White	White	White	White	Graphite	White	White	White	Graphite	White	White	Graphite
"Index of Protection"	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP65	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Vandal-proof	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10	IK10
Operation temp	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C	-30 °C ... 60 °C
Weight	0.6 kg	0.64 kg	0.59 kg	0.59 kg	0.59 kg	0.59 kg	0.6 kg	0.58 kg	0.59 kg	0.600 kg	0.53 kg	0.5 kg	0.5 kg	0.5 kg	0.5 kg
Dimensions	Ø 126 x 100 mm	Ø 126 x 100 mm	Ø 122 x 105 mm	Ø 122 x 105 mm	Ø 122 x 104 mm	134 x 111 mm	134 x 124 x 110 mm	Ø 119 x 98 mm	Ø 119 x 98 mm	Ø 119 x 98 mm	Ø 122 x 105 mm	Ø 119 x 98 mm	Ø 119 x 98 mm	Ø 119 x 98 mm	Ø 119 x 98 mm
Supported languages	-	-	-	-	-	English	English	English	English	English	English	English	English	English	English
Manufacturer / Brand	DAHUA	DAHUA	DAHUA	DAHUA	DAHUA	Hikvision	Hikvision	BCS BASIC	BCS UNIVERSAL	BCS UNIVERSAL	BCS UNIVERSAL	BCS UNIVERSAL	BCS UNIVERSAL	BCS UNIVERSAL	BCS UNIVERSAL
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years

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