	HIKVISION DS-2CD2085G1-I(S) 2MP, 2.8mm, IP67, IK10, H.265+, 12VDC, MICROSD, VMD, PoE	HIKVISION DS-2CD2143G2-IS 4MP, 2.8mm, IP67, IK10, ACUSENSE, MICROSD, VMD, PoE	HIKVISION DS-2CD2183G2-IS 8MP, 2.8mm, IP67, IK10, ACUSENSE, MICROSD, VMD, PoE	HIKVISION DS-2CD2143G2-I(S) 4MP, 2.8mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2183G2-I(S) 8MP, 2.8mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T85G1-I(S) 2MP, 2.8-12mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T83G2-I(S) 8MP, 2.8-12mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T43G2-2I(S) 4MP, 2.8-12mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T43G2-4I(S) 4MP, 4mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T43G2-2I(S)(C) 4MP, 2.8-12mm, IP67, IK10, H.265+, MICROSD, VMD, PoE, Colorvu	HIKVISION DS-2CD2T43G2-4I(S)(C) 4MP, 4mm, IP67, IK10, H.265+, MICROSD, VMD, PoE, Colorvu	HIKVISION DS-2CD2T83G2-2I(S) 8MP, 2.8-12mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T83G2-4I(S) 8MP, 4mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T85G1-4I(S) 2MP, 4mm, IP67, IK10, H.265+, MICROSD, VMD, PoE	HIKVISION DS-2CD2T85G1-2I(S) 2MP, 2.8-12mm, IP67, IK10, H.265+, MICROSD, VMD, PoE
	153.09 EUR - 127.57 EUR	184.87 EUR - 154.06 EUR	217.16 EUR - 180.97 EUR	167.92 EUR - 139.93 EUR	183.05 EUR - 152.54 EUR	183.01 EUR - 152.51 EUR	185.83 EUR - 154.86 EUR	236.76 EUR - 197.30 EUR	262.72 EUR - 218.93 EUR	308.26 EUR - 256.88 EUR	309.07 EUR - 257.56 EUR	309.07 EUR - 257.56 EUR	384.73 EUR - 320.61 EUR	390.35 EUR - 325.29 EUR	385.47 EUR - 321.23 EUR
Standard	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
Sensor size	1/1.8"	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in	1/1.8in
Sensor	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" 4MP CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 x 1080 - 1080p, 1280 x 720 - 720p	2688 x 1520 - 1440p, 1280 x 720 - 720p	3840 x 2160 - 1080p, 1280 x 720 - 720p	2688 x 1520 - 1440p, 1280 x 720 - 720p	3840 x 2160 - 1080p, 1280 x 720 - 720p	1920 x 1080 - 1080p, 1280 x 960 - 1.3 Mpx, 1280 x 720 - 720p	1920 x 1080 - 1080p, 1280 x 960 - 1.3 Mpx, 1280 x 720 - 720p	2688 x 1520 - 1440p, 1280 x 720 - 720p	1920 x 1080 - 1080p, 1280 x 720 - 720p	1920 x 1080 - 1080p, 1280 x 720 - 720p	1920 x 1080 - 1080p, 1280 x 720 - 720p	1920 x 1080 - 1080p, 1280 x 720 - 720p	2688 x 1520 - 1440p, 1280 x 960 - 1.3 Mpx, 1280 x 720 - 720p	1920 x 1080 - 1080p, 1280 x 960 - 1.3 Mpx, 1280 x 720 - 720p	2688 x 1520 - 1440p, 1280 x 960 - 1.3 Mpx, 1280 x 720 - 720p
Micro light-LED illuminator range									0 m						
Lens	2.7 ~ 13.5 mm - Motozoom	2.8 ~ 12 mm - Motozoom	2.8 ~ 12 mm - Motozoom, AutoFocus	2.7 ~ 13.5 mm - Motozoom	2.7 ~ 13.5 mm - Motozoom	2.7 ~ 13.5 mm - Motozoom	2.8 ~ 12 mm - Motozoom	4 mm	2.8 ~ 12 mm - Motozoom	2.8 ~ 12 mm - Motozoom	2.7 ~ 13.5 mm - Motozoom	2.7 ~ 13.5 mm - Motozoom	2.8 ~ 12 mm - Motozoom	4 mm	2.8 ~ 12 mm - Motozoom
View angle	96 ° ~ 31 °	108 ° ~ 34 ° (manufacturer data) 108 ° ~ 26 ° (our tests result)	108 ° ~ 34 ° 108 ° ~ 26 °	108 ° ~ 34 ° (manufacturer data) 108 ° ~ 26 ° (our tests result)	108 ° ~ 34 ° 108 ° ~ 26 °	108 ° ~ 34 ° (manufacturer data) 103 ° ~ 31 ° (our tests result)	108 ° ~ 34 ° 103 ° ~ 31 °	87 ° 87 °	108 ° ~ 34 ° (manufacturer data) 103 ° ~ 31 ° (our tests result)	108 ° ~ 34 ° 103 ° ~ 31 °	108 ° ~ 34 ° (manufacturer data) 108 ° ~ 26 ° (our tests result)	108 ° ~ 34 ° 108 ° ~ 26 °	108 ° ~ 34 ° (manufacturer data) 103 ° ~ 31 ° (our tests result)	87 ° 87 °	108 ° ~ 34 ° (manufacturer data) 103 ° ~ 31 ° (our tests result)
IR range													30 m		
Range of IR illumination	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m	40 m
Hi-Poe extender															
Memory card slot	Micro SD card support up to 512GB	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	—	—	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 512GB support (possible local recording)	Micro SD memory cards up to 512GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 256GB support (possible local recording)	Micro SD memory cards up to 128GB support (possible local recording)
Image compression method	H+/H/H.265+/H.265	H+/H/H.265+/H.265 / MJPEG	H+/H/H.265+/H.265 / MJPEG	H+/H/H.265+/H.265 / MJPEG	H+/H/H.265+/H.265 / 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	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
Alarm inputs / outputs	1/1	—	—	—	1/1	1/1	—	—	—	1/1	1/1	1/1	1/1	1/1	1/1
Access from PC	Port no. 8000 or access by a cloud (P2P) - PC Free application, Iriun / Iriun Lite Webcam														
Audio	• External microphone input, • Audio output	• Microphone built-in, • Audio transmission via network • Audio detection	• Microphone built-in • Audio transmission via network • Audio detection	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection	• Microphone built-in, • External microphone input • Audio output • Bi-directional audio streaming support • Audio detection	• Microphone built-in, • External microphone input • Audio output • Bi-directional audio streaming support • Noise and echo reduction	• Microphone built-in • Audio transmission via network • Compliance with the AAC standard • Noise and echo reduction	—	• External microphone input • Audio output • Bi-directional audio streaming support • Noise suppression and echo cancellation	• External microphone input • Audio output • Bi-directional audio streaming support • Digital Noise Reduction	• External microphone input • Audio output • Bi-directional audio streaming support • Compliance with the AAC standard • Noise suppression and echo cancellation	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection	• External microphone input • Audio output • Bi-directional audio streaming support	• External microphone input • Audio output • Bi-directional audio streaming support • Audio detection	• External microphone input • Audio output • Bi-directional audio streaming support
Network interface	RJ45 Base-TX (RJ-45)	RJ45 Base-TX (RJ-45)	RJ45 Base-TX (RJ-45)	RJ45 Base-TX (RJ-45)	RJ45 Base-TX (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)	RJ45 Base-T (RJ-45)
Intelligent image analysis	• classification of people and vehicles • crossing the line (tripwire) • intrusion • face capturing • face detection														
Network protocols		IPv4, ICMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL / TLS, QoS, SNMP	IPv4, ICMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL / TLS, QoS, SNMP	IPv4, ICMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL / TLS, SFTP, Multicast, ICMP, IGMP	IPv4,IPv6, HTTP, TCP, UDP, ARP, RTP, RTSP, RTCP, RTMP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, NTP, Multicast, ICMP, IGMP					TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, UDP, SMTP, NTP, IGMP, ICMP, IGMP, Bonjour, SSL / TLS, PPPoE, SNMP, Websocket, Websocket-	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, UDP, SMTP, NTP, IGMP, ICMP, IGMP, Bonjour, SSL / TLS, PPPoE, SNMP, Websocket, Websocket-			IPv4, TCP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv6,NTP4, SNMP, QoS, UPnP, NTP, ICMP, HTTPS, IGMP, IEEE 802.1x, QoS, IPv6Ping, FTP -				TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, UDP, SMTP, NTP, IGMP, ICMP, IGMP, IEEE 802.1x, QoS, IPv6 Ping, Bonjour, FTP	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, UDP, SMTP, NTP, IGMP, ICMP, IGMP, IEEE 802.1x, QoS, IPv6 Ping, Bonjour, FTP -
ONVIF server	Built-in	Built-in	Built-in	Built-in	Built-in, Web Viewer	Built-in	Built-in, Web Viewer	Built-in, Web Viewer	—	Built-in, Web Viewer	Built-in	Built-in, Web Viewer	Built-in	Built-in, Web Viewer	Built-in
Max. number of on-line users	20	20	20	20	20	20	—	—	—	—	—	—	20	—	—
Mechanical protection class	IK10														
ONVIF	✓	✓	✓	✓	✓ 16	✓ 1.12		✓	✓ 18.12	✓ 18.12	✓	✓	✓ 18.12	✓	✓ 18.12
Mobile phones support	Port no. 8000 or access by a cloud (P2P) - Android: Free application Tinycam Pro, - iOS (iPhone): Free application Tinycam Pro	Access by a cloud (P2P) - Android: Free application Iriun / Iriun Lite, - iOS (iPhone): Free application Iriun / Iriun Lite	Access by a cloud (P2P) - Android: Free application Iriun / Iriun Lite, - iOS (iPhone): Free application Iriun / Iriun Lite	Access by a cloud (P2P) - Android: Free application Iriun / Iriun Lite, - iOS (iPhone): Free application Iriun / Iriun Lite	Port no. 37777 or access by a cloud (P2P) - Android: Free application Iriun, - iOS (iPhone): Free application Iriun	Port no. 37777 or access by a cloud (P2P) - Android: Free application Iriun, - iOS (iPhone): Free application Iriun	Port no. 8000 or access by a cloud (P2P) - Android: Free application Iriun Company, - iOS: Free application Iriun Company	Port no. 8000 or access by a cloud (P2P) - Android: Free application Iriun Company, - iOS: Free application Iriun Company	Port no. 8000 or access by a cloud (P2P) - Android: Free application Iriun Company, - iOS: Free application Iriun Company	Port no. 8000 or access by a cloud (P2P) - Android: Free application Iriun Company, - iOS: Free application Iriun Company	Port no. 8000 or access by a cloud (P2P) - Android: Free application Iriun Company, - iOS: Free application Iriun Company	Port no. 37777 or access by a cloud (P2P) - Android: Free application Iriun, - iOS (iPhone): Free application Iriun	Port no. 37777 or access by a cloud (P2P) - Android: Free application Iriun, - iOS (iPhone): Free application Iriun	Port no. 8000 or access by a cloud (P2P) - Android: Free application Iriun Company, - iOS: Free application Iriun Company	Port no. 8000 or access by a cloud (P2P) - Android: Free application Iriun Company, - iOS: Free application Iriun Company
Default IP address	192.168.1.2	192.168.1.64	192.168.1.13	192.168.1.13	192.168.1.108	192.168.1.108	192.168.1.64	192.168.1.64	192.168.1.64	192.168.1.64	192.168.1.64	192.168.1.64	192.168.1.108	192.168.1.64	192.168.1.64
Default admin user / password	admin / 12345 (The administrator password should be set at the first start)	admin / 123456	admin / 123456	admin / 123456	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)	admin / (The administrator password should be set at the first start)
Web browser access ports	80, 443, 3000, 3001, 3002, 23032	80, 554	80, 554	80, 554	80, 37777	80, 37777	80	80	80	80	80	80	80, 37777	80	80
PC client access ports	8000, 3001	Port no. 80 or access by a cloud (P2P) - PC Free application Iriun / Iriun Lite	Port no. 80 or access by a cloud (P2P) - PC Free application Iriun / Iriun Lite	Port no. 80 or access by a cloud (P2P) - PC Free application Iriun / Iriun Lite	37777	37777	Port no.: 8000 or access by a cloud (P2P) - ivms-4200 application	Port no.: 8000 or access by a cloud (P2P) - ivms-4200 application	Port no.: 8000 or access by a cloud (P2P) - ivms-4200 application	Port no.: 8000 or access by a cloud (P2P) - ivms-4200 application	Port no.: 8000 or access by a cloud (P2P) - ivms-4200 application	Port no.: 8000 or access by a cloud (P2P) - ivms-4200 application	37777	37777	Port no.: 8000 or access by a cloud (P2P)
Mobile client access ports	8000, 3001	80	80	80	37777	37777	8000	8000	8000	8000	8000	8000	37777	8000	8000
Cert ONVIF	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
RTSP URL	rtsp://192.168.1.13:554/ucast/11/0?tcp rtsp://192.168.1.13:554/ucast/11/1?tcp rtsp://192.168.1.13:554/ucast/11/2?tcp - Sub stream	rtsp://192.168.1.13:554/ucast/1/0?tcp rtsp://192.168.1.13:554/ucast/1/1?tcp rtsp://192.168.1.13:554/ucast/1/2?tcp - Sub stream	rtsp://192.168.1.13:554/ucast/1/0?tcp rtsp://192.168.1.13:554/ucast/1/1?tcp rtsp://192.168.1.13:554/ucast/1/2?tcp - Sub stream	rtsp://192.168.1.13:554/ucast/1/0?tcp rtsp://192.168.1.13:554/ucast/1/1?tcp rtsp://192.168.1.13:554/ucast/1/2?tcp - Sub stream	rtsp://admin:login@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:login@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	rtsp://admin:login@192.168.1.108:554/cam/realmonitor?channel=1&subtype=0 - Main stream rtsp://admin:login@192.168.1.108:554/cam/realmonitor?channel=1&subtype=1 - Sub stream	- Main stream - rtsp://user:password@192.168.1.64:554/Streaming/Channels/101 - Sub stream - rtsp://user:password@192.168.1.64:554/Streaming/Channels/102