

DS-2CD1743G2-IZ(S) 4 MP Varifocal Dome Network Camera





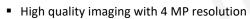












- Support Human and Vehicle Detection
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Up to 256 GB SD card slot for storage
- Water and dust resistant (IP67) and vandal proof (IK10)
- EXIR 2.0: advanced infrared technology with long IR range
- Clear imaging even with strong back lighting due to 120 dB WDR technology
- Efficient H.265+ compression technology





Specification

Image Sensor	Camera					
Min. Illumination Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR Shutter Speed 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0" to 355", tilt: 0" to 70", rotate: 0" to 355" Lens Verifocal Lens, motorized lens, 2.8 to 12 mm Focal Length & FOV 114.7" to 33.5" Lens Mount Ø14 Iris Type Fixed Aperture P1.6 Illuminator Fixed Supplement Light Type IR Supplement Light Range Up to 30 m R Wavelength 850 nm Video 50 Hz: 18 Wavelength 25 fps (1920 x 1980, 1280 x 720) 60 Hz: 20 fps (2560 x 1440) 20 fps (2560 x 1440) 24 fps (1920 x 1980, 1280 x 720) 60 Hz: 20 fps (2560 x 1440) 20 fps (2560 x 1440) 24 fps (1920 x 1980, 1280 x 720, 640 x 80, 640 x 360) Sub-Stream 50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360) Video Compression Main stream: H.265r/H.265r/H.264r/H.264 Video Compression 32 kbps to 8 Mbps H.264 Type B	Image Sensor	1/3" Progressive Scan CMOS				
Shutter Speed 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pans 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355° Lens Varifocal Lens, motorized lens, 2.8 to 12 mm Lens Type Varifocal Lens, motorized lens, 2.8 to 12 mm Focal Length & FOV 2.8 to 12 mm, horizental FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.7° to 33.5° Lens Mount Ø14 Iris Type Fixed Aperture F1.6 Illuminator Up to 30 m Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Range Yes IR Wavelength Yes Ris Wavelength Yes Main Stream 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz:	Max. Resolution	2560 × 1440				
Day & Night IR cut filter Angle Adjustment Pan: 0" to 355", till: 0" to 70", rotate: 0" to 355" Lens Varifocal Lens, motorized lens, 2.8 to 12 mm Ens Type Varifocal Lens, motorized lens, 2.8 to 12 mm Focal Length & FOV 2.8 to 12 mm, horizontal FOV 95.9" to 29.2", vertical FOV 50.6" to 16.4", diagonal FOV 11.4", to 33.5" Lens Mount Ø14 Lifs Type Fixed Aperture F1.6 Both Proceed Aperture F1.6 Illumitator Illumitator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength Yes Supplement Light Sange Yes IR Wavelength Yes Supplement Light Range Up to 30 m Main Stream 50 Hz: 20 fbys (2560 x 1440) 25 (2560 x 1440) 20 fbys (2560 x 1440) 24 (2560 x 1440) 20 fbys (2560 x 1440) 24 (2560 x 1240) 20 fbys (2560 x 1440) 24 (2560 x 1240) 20 fbys (2560 x 1440)	Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR				
Angle Adjustment Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355° Lens Lens Lens Type Varifocal Lens, motorized lens, 2.8 to 12 mm Focal Length & FOV 2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.7° to 33.5° Lens Mount Ø14 If is Type Fixed Aperture F1.6 Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Smart Supplement Light Yipe IR IR Wavelength Yes Main Stream 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265/H.264/H.264 Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream	Shutter Speed					
Lens Type Varifocal Lens, motorized lens, 2.8 to 12 mm Focal Length & FOV 2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.7° to 33.5° Lens Mount Ø14 Iris Type Fixed Aperture F1.6 Illuminator IR Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 20 fps (2560 × 1440) 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1320 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (2560 × 1440) 24 fps (1320 × 1280, 1280 × 720, 640 × 480, 640 × 360) Wideo Compression Main stream: H.265+/H.265/H.265/H.264+/H.264 Video Compression Main stream: H.265+/H.265/H.264+/H.264 Video Bit Rate 32 kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile H.265 Type Main Profile	Day & Night					
Lens Type	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°				
Procal Length & FOV	Lens					
14.7° to 33.5°	Lens Type	Varifocal Lens, motorized lens, 2.8 to 12 mm				
Iris Type Fixed Aperture F1.6 Illumistor Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 20 fps (2560 × 1440) 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) Wideo Compression Main stream: H.265+/H.265+/H.264+/H.264 Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Main Profile Region of Interest (ROI) 4 fixed region for main stream Audio Compression -S: 6.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-tC Audio Sampling Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-tC) Audio Sampling Rate	Focal Length & FOV	2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV				
Aperture F1.6 Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz:	Lens Mount	Ø14				
Aperture F1.6 Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz:	Iris Type	Fixed				
Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength \$50 nm Wrideo 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265+/H.265/H.264/HJ264 Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio Compression -S: 6.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Sampling Rate -S: 6.4 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: 8 kHz/16 kHz Frotocols		F1.6				
Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 25 fps (1250 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 360 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265/H.265/H.264/H.264 Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Sampling Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: 8 kHz/16 kHz Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPV6, UDP, QOS, FTP, SMTP Simultaneous Live View	·					
Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440)	Supplement Light Type	IR				
Smart Supplement Light Yes IR Wavelength 850 nm Video Video Main Stream 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265+/H.265+/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Mina Profile/High Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio -5: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate -5: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.722.1)		Up to 30 m				
IR Wavelength 850 nm Video 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265/H.264/H.1264 Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio -5: 64 Kbps (G.711)/16 Kbps (G.722.1)/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate -5: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -5: 8 kHz/16 kHz Environment Noise Filtering -5: Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels		<u> </u>				
Video Main Stream 50 Hz:						
Main Stream 50 Hz:	_					
Main Stream 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: H.265/H.264/H.264 Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (Akbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPV6, UDP, QOS, FTP, SMTP Simultaneous Live View Up to 6 channels		50 Hz:				
Sub-Stream 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360) Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile/Main Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -S: 64 Kbps (G.711)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Main Stream	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440)				
Video CompressionSub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 8 MbpsH.264 TypeBaseline Profile/Main ProfileH.265 TypeMain ProfileRegion of Interest (ROI)1 fixed region for main streamAudioAudio Compression-S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LCAudio Bit Rate-S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)Audio Sampling Rate-S: 8 kHz/16 kHzEnvironment Noise Filtering-S: YesNetworkProtocolsTCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTPSimultaneous Live ViewUp to 6 channels	Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)				
H.264 Type Baseline Profile/Main Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Video Compression					
H.265 Type Main Profile Region of Interest (ROI) 1 fixed region for main stream Audio Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Video Bit Rate	32 Kbps to 8 Mbps				
Region of Interest (ROI) Audio Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	H.264 Type	Baseline Profile/Main Profile/High Profile				
Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	H.265 Type	Main Profile				
Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Region of Interest (ROI)	1 fixed region for main stream				
Audio Bit Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels						
Audio Bit Rate 64 Kbps (AAC-LC) Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Audio Compression					
Environment Noise Filtering -S: Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Audio Bit Rate					
Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Audio Sampling Rate	-S: 8 kHz/16 kHz				
Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Environment Noise Filtering	-S: Yes				
Simultaneous Live View Up to 6 channels	Network					
·	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP				
API Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK	Simultaneous Live View	Up to 6 channels				
	API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK				



User/Host	Up to 32 users. 3 levels: administrator, operator and user				
	Password protection, complicated password, watermark, basic and digest				
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video				
	Interface, security audit log, host authentication (MAC address)				
Client	iVMS-4200, Hik-Connect				
	Plug-in required live view: IE 10, IE 11,				
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
luca de Cattina	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
Image Settings	adjustable by client software or web browser				
Day/Night Switch	Auto, Schedule, Day, Night				
Wide Dynamic Range (WDR)	120 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB				
	-S: 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input				
Accelto	impedance: 4.7 KΩ, interface type: non-equilibrium,				
Audio	-S: 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp,				
	output impedance: 100 Ω , interface type: non-equilibrium				
Alarm	-S: 1 input, 1 output (max. 12 VDC, 30 mA)				
Reset Key	Yes				
Event					
Basic Event	Motion detection (support alarm triggering by specified target types (human and				
basic Everit	vehicle)), video tampering alarm, exception				
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,				
Lilikage	trigger capture, trigger alarm output (-S)				
General					
	12 VDC ± 25%, reverse polarity protection, 0.8 A, max. 9.6 W, Ø5.5 mm coaxial power				
Power	plug				
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.32 A to 0.2 A, max. 11.5 W				
Material	Metal				
Dimension	Ø141 mm × 99.9 mm (Ø5.6" × 3.9")				
Package Dimension	140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1")				
Weight	Approx. 820 g (1.8 lb.)				
With Package Weight	Approx. 1200 g (2.6 lb.)				
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Startup and Operating	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Conditions					
Language	English, Ukrainian				
General Function	Anti-banding, heartbeat, mirror, password protection, privacy mask, watermark				



Approval				
FCC: 47 CFR Part 15, Subpart B CE-EMC: EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+, EMC 50130-4: 2011 +A1: 2014 RCM: AS/NZS CISPR 32: 2015				
Safety	IC: ICES-003: Issue 7 UL: UL 62368-1 CB: IEC 62368-1: 2014+A11 CE-LVD: EN 62368-1: 2014/A11: 2017 BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005			
Environment	CE-RoHS: 2011/65/EU WEEE 2012/19/EU Reach: Regulation (EC) No 1907/2006			
Electrical Safety Protection	IP67: IEC 60529-2013; IK10: IEC 62262: 2002			

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

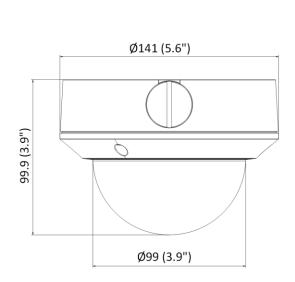
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti- corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti- corrosion protection is needed.

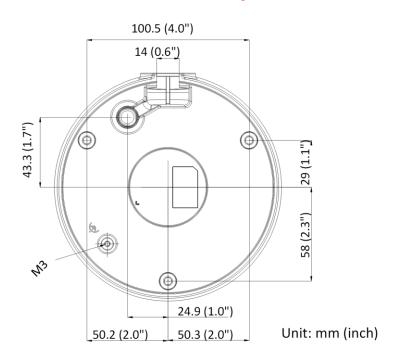
Available Model

DS-2CD1743G2-IZ (2.8 to 12 mm) DS-2CD1743G2-IZS (2.8 to 12 mm)

Dimension









Accessory

Optional

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DS-1250ZJ	DS-1258ZJ-L	DS-1280ZJ-DM21	D20-AP	DS-1253ZJ-L
Rain Shade	Wall Mount	Junction Box	Adapter Plate	Rain Shade
DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1227ZJ	DS-1271ZJ-135	DS-1273ZJ-135
Vertical Pole Mount	Corner Mount	In-Ceiling Mount	Pendant Mount	Wall Mount
DS-1281ZJ-DM23 Inclined Ceiling Mount	DS-1473ZJ-135B Wall Mount			