

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





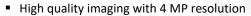












- Support Human and Vehicle Detection
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Up to 256 GB SD card slot for storage
- Water and dust resistant (IP67) and vandal proof (IK10)
- EXIR 2.0: advanced infrared technology with long IR range
- Clear imaging even with strong 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 fbg (2560 x 1440)         25 (260 x 1440)           20 fbg (2560 x 1440)         24 (260 x 1440)           24 fbg (1920 x 1080, 1280 x 720)         460 Hz:           20 fbg (2560 x 1440)         24 (260 x 1280 x 720, 640 x 480, 640 x 360)           30 f	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         F1.6           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 × 1080, 1280 × 720, 640 × 480, 640 × 360)           Video 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 <t< td=""><td>Day &amp; Night</td><td colspan="5"></td></t<>	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:         25 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         Main Profile           Region of Interest (ROI)         4 fixed region for main stream           Audio Compression         -5: 6.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-tC           Audio Sampling 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-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)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Wideo Compression         Main stream: H.265+H.265/H.264/MJPEG           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: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (Ach-LC)           Audio Sampling Rate         -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbp		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)           20 fps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)           60 Hz:         20 fps (2560 × 1440)           80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         60 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/MJPEG           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 <td>Supplement Light Type</td> <td>IR</td>	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)						
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		-				
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	Tideo	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	Main stream: H.265+/H.265/H.264+/H.264				
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					
	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				
A It -	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 $\Omega$ , 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+A  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.

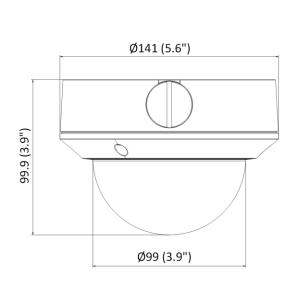
Level	Description			
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.			
Moderate protection	Hikvision products at this level 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.			

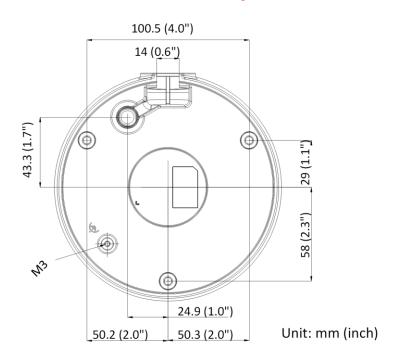
#### Available Model

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

#### Dimension









#### Accessory

#### Optional

- Optional				
DS-1250ZJ Rain Shade	DS-1258ZJ-L Wall Mount	DS-1280ZJ-DM21 Junction Box	D20-AP Adapter Plate	DS-1253ZJ-L Rain Shade
Kain Shade		Junction Box	Adapter Flate	Nam 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			
	T.E.L.			

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