

DS-2CD1127G2H-LIU(F)

2 MP ColorVu with Smart Hybrid Light Fixed Dome Network Camera





















- High quality imaging with 2 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Efficient H.265+ compression technology
- Support on-board storage up to 512 GB (SD card slot) (Optional)
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67) and vandal resistant (IK08)



Specification

Image Sensor J.2.8* Progressive Scan CMOS Max. Resolution 1920 × 1080 Min. Illumination Color: 0,0005 Lux @ (F1.0, AGC ON), B/W:0 Lux with IR Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355" Lens Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 4 mm, horizontal FOV 106", vertical FOV 56", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, brizontal FOV 106", vertical FOV 47", diagonal F	Camera				
Min. Illumination Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR Shutter Time 1/3 s to 1/100,000 s IR cut filter Angle Adjustment Pan: 0" to 355°, tilt: 0" to 75°, rotate: 0" to 355° Lens Vers Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 4 mm, horizontal FOV 106°, vertical FOV 56°, diagonal FOV 129° 4 mm, horizontal FOV 106°, vertical FOV 47°, diagonal FOV 129° 4 mm, horizontal FOV 106°, vertical FOV 47°, diagonal FOV 103° Lens Mount M12 Lens Mount M12 Lens Mount M12 Long 1	Image Sensor	1/2.8" Progressive Scan CMOS			
Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0" to 355", tilt: 0" to 75", rotate: 0" to 355" Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 88", vertical FOV 47", diagonal FOV 129" 4 mm, horizontal FOV 88", vertical FOV 47", diagonal FOV 103" Lens Mount M12 Fixed 4 mm, Decay 120" 4	Max. Resolution	1920 × 1080			
Day & Night	Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR			
Angle Adjustment Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° Lens Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 4 mm, horizontal FOV 106°, vertical FOV 47°, diagonal FOV 129° Lens Mount M12 Lifts Type Fixed Aperture F1.0 DORI Jam. Do. 44 m., O: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes R Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream Main stream: H.265+M.264-M.265, M.264-M.264, M.264 Main stream: H	Shutter Time				
Lens Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 106", vertical FOV 56", diagonal FOV 129" 4 mm, horizontal FOV 88", vertical FOV 47", diagonal FOV 103" Lens Mount M12 Iris Type Fixed Aperture F1.0 DORI 2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m Illuminator IR, White Light Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength \$50 m Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (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 Bit Rate Control CBR, VBR Scalable Video Coding (S	Day & Night	IR cut filter			
Fixed focal lens, 2.8 and 4 mm optional 2.8 mm, horizontal FOV 106°, vertical FOV 56°, diagonal FOV 129°	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°			
Focal Length & FOV	Lens				
Focal Length & FOV 4 mm, horizontal FOV 88*, vertical FOV 47*, diagonal FOV 103* Lens Mount M12 Iris Type Fixed Aperture F1.0 DORI 2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m Illuminator Supplement Light Type Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 25 fps (640 × 480, 640 × 360) Main stream: H.265+/H.265/H.264/H.264, Video Compression Main stream: H.265+/H.265/H.264/MJPEG Video Baseline Profile, Main Profile, High Profile H.264 Type Baseline Profile, Main Profile, High Profile H	Lens Type	Fixed focal lens, 2.8 and 4 mm optional			
A mm, horizontal FOV 88*, vertical FOV 47*, diagonal FOV 103*	Focal Longth 9, FOV	2.8 mm, horizontal FOV 106°, vertical FOV 56°, diagonal FOV 129°			
Iris Type Fixed Aperture F1.0 DORI 2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Range 850 nm IR Wavelength 850 nm Video Wideo Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 40 Hz: 26 fps (640 × 480, 640 × 360) Wideo Compression Main stream: H.265/H.264/H.264, Video Sit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Reg	Focal Length & FOV	4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103°			
Aperture	Lens Mount	M12			
DORI 2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes Smart Supplement Light Yes Smart Supplement Light Yes Smart Supplement Light Yes Main Stream 850 mm Smart Supplement Light Yes Main Stream 60 Hz: 25 fps (1920 × 1080, 1280 × 720) Smart Supplement Light Yes Main Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sol Hz: 25 fps (1920 × 1080, 1280 × 720) Supplement Light Main Stream: Sol Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream: Sol Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream: Hz: 26 fps (640 × 480, 640 × 360) Main stream: Hz: 265 fpl. 264 /MJPEG Main stream: Hz: 265 /Hz: 264 /MJPEG Main stream: Hz: 265 and Hz: 265 encoding Region of interest (ROI) <td>Iris Type</td> <td>Fixed</td>	Iris Type	Fixed			
DORI 2.8 mm, D: 44 m, Q: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m	Aperture	F1.0			
Name	DORI				
Illuminator	DORI	2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m			
Supplement Light TypeIR, White LightSupplement Light RangeUp to 30 mSmart Supplement LightYesIR Wavelength850 nmVideoMain Stream50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)Sub-Stream50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (660 × 480, 640 × 360)Video CompressionMain stream: H.265+H.265+H.264+H.264, Sub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 8 MbpsH.264 TypeBaseline Profile, Main Profile, High ProfileH.265 TypeMain ProfileBit Rate ControlCBR, VBRScalable Video Coding (SVC)H.264 and H.265 encodingRegion of Interest (ROI)1 fixed region for main streamAudioAudio TypeAudio TypeMono soundAudio TypeMono soundAudio Bit Rate64 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 Rate8 KHz/16 kHzEnvironment Noise FilteringYesNetworkProtocols	DOKI	4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m			
Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (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 Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) H.264 and H.265 encoding Region of Interest (ROI) Mono sound Audio Type Mono sound Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Network	Illuminator				
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R Wavelength	Supplement Light Range	Up to 30 m			
Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream 50 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Object (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360) Wideo 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 Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Audio Type Mono sound Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network	Smart Supplement Light	Yes			
Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Sub-Stream 50 Hz: 25 fps (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 Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	IR Wavelength	850 nm			
Main Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (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, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Video				
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Sub-Stream 60 Hz: 30 fps (640 × 480, 640 × 360) Video Compression Main stream: 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 Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate Kbps (AAC-LC) Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	iviaiii Streaiii	60 Hz: 30 fps (1920 × 1080, 1280 × 720)			
Video Compression 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.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 Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) Audio Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Sub Stroam	50 Hz: 25 fps (640 × 480, 640 × 360)			
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Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) Region of Interest (ROI) Audio Audio Type Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Video Compression	Main stream: H.265+/H.265/H.264+/H.264,			
H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	video compression	Sub-stream: H.265/H.264/MJPEG			
H.265 Type Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Video Bit Rate	32 Kbps to 8 Mbps			
Bit Rate Control CBR, VBR Scalable Video Coding (SVC) Region of Interest (ROI) Audio Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	H.264 Type	Baseline Profile, Main Profile, High Profile			
Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	H.265 Type	Main Profile			
Region of Interest (ROI) Audio Audio Type Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Bit Rate Control	CBR, VBR			
Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Scalable Video Coding (SVC)	H.264 and H.265 encoding			
Audio Type Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Region of Interest (ROI)	1 fixed region for main stream			
Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Audio				
Audio Bit Rate 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 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Audio Type	Mono sound			
Audio Bit Rate Kbps (AAC-LC) Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC			
Kbps (AAC-LC) Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Audio Rit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64			
Environment Noise Filtering Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP, Protocols	Addio bit Nate	Kbps (AAC-LC)			
Network TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP, Protocols	Audio Sampling Rate	8 kHz/16 kHz			
TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Environment Noise Filtering	Yes			
Protocols	Network				
UPnP	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,			
	TTOLOCOIS	UPnP			



Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK				
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)				
User/Host	Up to 32 users 3 user levels: administrator, operator, and user				
Client	iVMS-4200, Hik-Connect				
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+				
Image					
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser				
Day/Night Switch	Day, Night, Auto, Schedule				
Wide Dynamic Range (WDR)	Digital WDR				
SNR	≥ 52 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Privacy Mask	4 programmable polygon privacy masks				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB				
Built-in Microphone	Yes, 1 built-in microphone				
Reset Key	-F: Yes				
Event					
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception				
Linkage	Upload to memory card (-F model supports), trigger recording (-F model supports), upload to FTP, notify surveillance center, send email, trigger capture				
General					
Power	12 VDC ± 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W				
Material	Base: metal, cover: plastic				
Dimension	Ø121.5 mm × 97.6 mm (Ø4.78" × 3.84")				
Package Dimension	150 mm × 150 mm × 141 mm (5.91" × 5.91" × 5.55")				
Weight	Approx. 550 g (1.2 lb.)				
With Package Weight	Approx. 800 g (1.8 lb.)				
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Language	English, Ukrainian				
General Function	Heartbeat, anti-banding, mirror, password protection, password reset by email				



Approval				
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC			
	61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,			
	RCM: AS/NZS CISPR 32: 2015,			
	IC: ICES-003: Issue 7			
Safety	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			
Protection	IP67: IEC 60529-2013, IK08: 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.

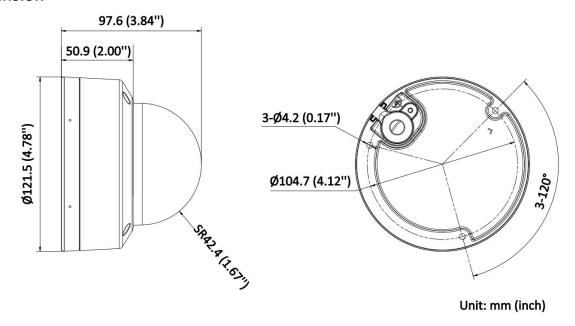
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped 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-2CD1127G2H-LIU(2.8mm)
DS-2CD1127G2H-LIU(4mm)
DS-2CD1127G2H-LIUF(2.8mm)
DS-2CD1127G2H-LIUF(4mm)



Dimension



Accessory

Optional

DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1276ZJ-SUS
Wall Mount	Wall Mount	Pendant Mount	Vertical Pole Mount	Corner Mount
	e le		#	
DS-1280ZJ-DM46	DS-2280ZJ-WA120	DS-2210ZJ-WA-120	DS-2200ZJ-WA-120	DS-2200ZJ-WAJ-120
Junction Box	Junction Box	Pendant Mount	Wall Mount	Wall Mount
		Ţ		e e

Headquarters

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