

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	Camera				
Min. Illumination Color: 0.001 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", titl: 0" to 755", rotate: 0" to 355" 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, horizontal FOV 106", vertical FOV 47", diagonal FOV 129" 4 mm, horizontal FOV 106", vertical FOV 47", diagonal FOV 103" Lens Mount Illuminator 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 Range So nm Video Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Main stream: H.265+H.265+H.264+M.264, Sub-stream: H.265+H.265+M.265+M.264-M.PEG Video Compression Wain stream: H.265+H.265+M.264-M.PEG Bit Rate Control CBR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) Audio Compression Audio Compression Wine de region of Interest (ROI) Audio Compression Audio Compression Fixed region of Interest (ROI) Audio Compression CFR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) Audio Compression Audio Compression Audio Compression CFR, VBR Scalable Video Coding (SVC) H.264 and H.265 encoding Region of Interest (ROI) Audio Strate TCP/IP, ICMP, DHCP, DNS, HTTP, RTS, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP, Protocok Protocok TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP, Protocok	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 Teman (" 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 103" Lens Mount M12 Liris Type Fixed Aperture F1.0 DORI 2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m A 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 Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Wideo Compression 50 Hz: 25 fps (640 × 480, 640 × 360) Wideo Edit Rate 32 Kbps to 8 Mbps H. 264 Type Baseline Profile, Main Profile, High Profile <td>Max. Resolution</td> <td colspan="4">1920 × 1080</td>	Max. Resolution	1920 × 1080			
Day & Night IR cut filter Angle Adjustment Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° Lens Fixed focal lens, 2.8 and 4 mm optional Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV A mm, horizontal FOV 88°, vertical FOV 56°, diagonal FOV 129° 4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103° Lens Mount M12 Its Type Fixed Aperture F1.0 DORI DORI Jam. 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 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) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz:	Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR			
Angle Adjustment	Shutter Time	1/3 s to 1/100,000 s			
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 Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smm Smart Supplement Light Yes IR Wavelength Yes Walength So Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (640 × 480, 640 × 360) Video Compression Main stream: H.265+/H.265/H.264/H.264, Video Compression Main stream: H.265+/H.265/H.264/M.PEG 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	Day & Night	IR cut filter			
Lens Type 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 4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103° Lens Mount M12 Iris Type Fixed Aperture P1.0 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 Range Up to 30 m Supplement Light Range Up to 30 m IR Wavelength 850 nm Video Wais 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) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Video Compression Main stream: H.265+/H.2654/H.2644/H.264, Video Dit 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	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°			
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A mm, horizontal FOV 88*, vertical FOV 47*, diagonal FOV 103* Lens Mount M12	Lens Type	Fixed focal lens, 2.8 and 4 mm optional			
# mm, horizontal FOV 88*, vertical FOV 47*, diagonal FOV 103* Lens Mount M12 Aperture Fi.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 Range Up to 30 m Smart Supplement Light Range So nm Video Wain Stream So Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 50 Hz: 30 fps (640 × 480, 640 × 360) Video Compression Main stream: Hz.265/Hz.264/Hz.264, Sub-stream: Hz.265/Hz.664/MJPEG Video Bit Rate 3z Kbps to 8 Mbps Hz.264 Type Baseline Profile, Main Profile, High Profile Hz.265 Type Main Profile Bit Rate Control CBR, VBR Scalable Video Coding (SVC) Hz.264 and Hz.265 encoding Region of Interest (ROI) 1 fixed region for main stream Audio Type Mono sound Audio Compression G-731/G-722.1/G-726/MPZL2/PCM/AAC-LC Audio Bit Rate 8kHz/16 kHz Environment Noise Filtering Yes Network Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP, Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP, Protocols	Facal Langth 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 Range Up to 30 m 5 mart Supplement Light Range 850 nm Video Will Wavelength 80 mm Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 60 Hz: 30 fps (640 × 480, 640 × 360) Will Wavelength 90 Hz: 25 fps (640 × 480, 640 × 360) Will Sub-Stream: H.265/H.264/H.265/H.264/H.264, Sub-Stream: H.265/H.265/H.264/H.264, Will Sub-Stream: H.265/H.265/H.264/H.264, <th c<="" td=""><td>rocal Length & FOV</td><td colspan="3">4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103°</td></th>	<td>rocal Length & FOV</td> <td colspan="3">4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103°</td>	rocal Length & FOV	4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103°		
Aperture F1.0 DORI 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 IR Wavelength 850 nm Video Video Wain Stream 50 Hz: 25 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) Video Compression Main stream: H.265H,265H,1264+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) Main Profile Audio Type Mono sound Audio Type Mono sound Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC Audio Sampling Ra	Lens Mount	M12			
DORI 2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Wideo Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (640 × 480, 640 × 360) Video Compression Main stream: H.265+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) 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 8 kHz/16 kHz Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Network	Iris Type	Fixed			
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	Aperture	F1.0			
Name	DORI				
Main Stream	DOBI	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 (640 × 480, 640 × 360)Video CompressionMain stream: 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 TypeMono soundAudio TypeMono soundAudio Dit 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 FilteringYesNetworkProtocolsTCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, UDP, Qos, FTP, SMTP,	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) 50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (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 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 Type Mono sound Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes Network	Illuminator				
Smart Supplement Light Yes IR Wavelength 850 nm Video 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) 60 Hz: 30 fps (640 × 480, 640 × 360) Video Compression Main stream: H.265+/H.265/H.264+/H.264, Sub-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 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 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	Supplement Light Type	IR, White Light			
R Wavelength	Supplement Light Range	Up to 30 m			
Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Ober Stream: 50 Hz: 25 fps (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 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			
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Main Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) 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, 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 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				
Sub-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.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 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,	Main Stroam	50 Hz: 25 fps (1920 × 1080, 1280 × 720)			
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, 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 4udio Bit Rate 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,	Iviairi Stream	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.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) 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,	Sub Stroam	50 Hz: 25 fps (640 × 480, 640 × 360)			
Video CompressionSub-stream: H.265/H.264/MJPEGVideo Bit Rate32 Kbps to 8 MbpsH.264 TypeBaseline Profile, Main 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 TypeMono soundAudio TypeMono soundAudio CompressionG.711/G.722.1/G.726/MP2L2/PCM/AAC-LCAudio 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 FilteringYesNetworkTCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, RTCP, NTP, IGMP, UDP, QoS, FTP, SMTP,	Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360)			
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 4udio 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, RTP, 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) 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.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 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 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 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, 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 Pato	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 hate	Kbps (AAC-LC)			
Network TCP/IP, ICMP, DHCP, DNS, HTTP, 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,			
	11000013	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				
	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			
	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.

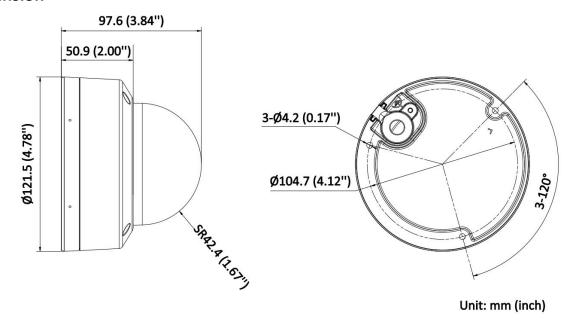
Level	Description	
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.	
Moderate protection	Hikvision products at this level are 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
				0

Headquarters

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