

DS-2CD1043G2-LIUF/SL 4 MP Smart Hybrid Light Fixed Bullet Network Camera





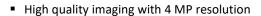












- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Efficient H.265+ compression technology
- Support on-board storage up to 512 GB (SD card slot)
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)



Specification

Image Sensor 1/3* Progressive Scan CMOS Max. Resolution 2560 × 1440 Shutter Time 1/3 s to 1/100,000 s Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Angle Adjustment Pan: 0* to 360*, tilt: 0* to 90°, rotate: 0* to 360° Lens Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 98°, vertical FOV 42°, diagonal FOV 114° 4 mm, borizontal FOV 98°, vertical FOV 42°, diagonal FOV 93° Lens Mount M12 List Type Fixed Aperture F1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Range Specifical Range Op 10 S Main Stream 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 22 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)	Camera				
Shutter Time 1/3 s to 1/100,000 s Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Angle Adjustment Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360° Lens Image: 1.00 May 1.00	Image Sensor	1/3" Progressive Scan CMOS			
Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Day & Night R cut filter Angle Adjustment Pan: 0" to 360", tilt: 0" to 90", rotate: 0" to 360" Lens Type Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 98", vertical FOV 54", diagonal FOV 114" 4 mm, horizontal FOV 78", vertical FOV 42", diagonal FOV 93" Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength Yes Main Stream 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) Video Compression Main stream: L255/H. 264/H.1264, Video Dit Rate 32 Kbps to 8 Mbps	Max. Resolution	2560 × 1440			
Day & Night IR cut filter Angle Adjustment Pan: 0" to 360", tilt: 0" to 90", rotate: 0" to 360" Lens Vertical FOV Evens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 98", vertical FOV 54", diagonal FOV 93" Lens Mount M12 List Stype Fixed Aperture F1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR, White Light Yes IR Wavelength Yes IR Wavelength S5 0 mm Video William Stream Sup. 125 (560 × 1440) 26 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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)	Shutter Time	1/3 s to 1/100,000 s			
Angle Adjustment Pan: 0* to 360°, tilt: 0* to 90°, rotate: 0* to 360° Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 98°, vertical FOV 42°, diagonal FOV 114° 4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 93° Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Smart Supplement Light Spe 85 0 m Main Stream 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 20 fps (2560 × 1440) 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: 25 fyps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 25 fype Main stream: H.265 f/H.264/MJPEG <td>Min. Illumination</td> <td colspan="4">Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR</td>	Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR			
Lens Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 98°, vertical FOV 42°, diagonal FOV 114° 4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 93° Lens Mount M12 Iris Type Fixed Aperture F1.6 OOR 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 hm Video Vigeofest Selected Sele	Day & Night	IR cut filter			
Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 98", vertical FOV 42", diagonal FOV 114" 4 mm, horizontal FOV 78", vertical FOV 42", diagonal FOV 93" Lens Mount M12 Iris Type Fixed Aperture P1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type Supplement Light Range Up to 30 m RW avelength 850 nm Some Some Video Video Vigeo Fixed Some Some Video Main Stream So H2: 25 fps (1920 × 1080, 1280 × 720) 60 H2: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 60 H2: 24 fps (1280 × 720, 640 × 480, 640 × 360) 60 H2: 24 fps (1280 × 720, 640 × 480, 640 × 360) Video Compression 30 H2: 25 fps (1280 × 720, 640 × 480, 640 × 360) Video Eli Rate 32 kbps to 8 Mbps Video Fixed Type Baseline Profile, Main Profile H.264 Type Baseli	Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°			
Pocal Length & FOV	Lens				
Focal Length & FOV 4 mm, horizontal FOV 78*, vertical FOV 42*, diagonal FOV 93* Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 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 So Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 20 fps (2560 × 1440) 20 fps (2500 × 120) 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) Video Compression Main stream: H.265/H.264/H.264, Sub-stream: H.265/H.264/H.264, Sub-stream: H.265/H.264/MIPEG Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile, High Profile H.265 Type Main Stream: H.265/H.264/H.264 Wideo Goding (SvC)	Lens Type	Fixed focal lens, 2.8 and 4 mm optional			
A mm, horizontal FOV 78", vertical FOV 42", diagonal FOV 93"	Focal Longth & FOV	2.8 mm, horizontal FOV 98°, vertical FOV 54°, diagonal FOV 114°			
Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR, White Light 5 Upplement Light Range Up to 30 m 5 Max 5 Max IR Wavelength Yes A Main Stream 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 (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, 5ub-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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) Mono sound Audio Mono sound Audio Sampling Rate 8 kHz/16 kHz En	Focal Length & FOV	4 mm, horizontal FOV 78°, vertical FOV 42°, diagonal FOV 93°			
Aperture F1.6 DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video August 10 Hz. 20 fps (2560 × 1440) 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) 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) 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) Mel.264 a	Lens Mount	M12			
DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Video Main Stream 50 Hz: 20 fps (2560 × 1440) 20 fps (2560 × 1440) 22 fps (1920 × 1080, 1280 × 720) 60 Hz: 25 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) Main stream: H.265/H.265/H.264/H.264, Video Compression Main stream: H.265/H.266/MJPEG Video Sit Rate 32 Kbps to 8 Mbps H.265 Type Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stre	Iris Type	Fixed			
DORI 2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m	Aperture	F1.6			
Name	DORI				
Name Name	DODI	2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m			
Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video 50 Hz: Main Stream 50 Hz: 20 fps (2560 × 1440) 20 fps (2560 × 1440) 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+/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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Type Mono sound Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz <td>DORI</td> <td>4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m</td>	DORI	4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m			
Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Supplement Light Yes Main Stream 50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 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/HJPEG Video Bit Rate 32 Kbps to 8 Mbps H.265 Type Main Profile, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Type Mono sound Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Illuminator				
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) 24 fps (1920 × 1080, 1280 × 720) 24 fps (1920 × 1080, 1280 × 720) 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) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 80 Hz: 25 fps (1280 × 720, 640 ×	Supplement Light Type	IR, White Light			
Nain Stream	Supplement Light Range	Up to 30 m			
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Main Stream	IR Wavelength	850 nm			
Main Stream	Video				
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Sub-Stream 50 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, 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Main Stream	25 fps (1920 × 1080, 1280 × 720)			
Sub-Stream 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, Main Profile, High Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Main Stream	25 fps (1920 × 1080, 1280 × 720) 60 Hz:			
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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate Environment Noise Filtering Yes	Main Stream	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440)			
Video Compression 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 Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes		25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)			
Video Bit Rate 32 Kbps to 8 Mbps H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes		25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)			
H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)			
H.265 Type Main Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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,			
Bit Rate Control Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream Video Compression	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG			
Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream Video Compression Video Bit Rate	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps			
Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream Video Compression Video Bit Rate H.264 Type	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile			
Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream Video Compression Video Bit Rate H.264 Type H.265 Type	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile Main Profile			
Audio Type Mono sound Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream Video Compression Video Bit Rate H.264 Type H.265 Type Bit Rate Control	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile Main Profile CBR, VBR			
Audio Sampling Rate 8 kHz/16 kHz Environment Noise Filtering Yes	Sub-Stream Video Compression Video Bit Rate H.264 Type H.265 Type Bit Rate Control Region of Interest (ROI)	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile Main Profile CBR, VBR 1 fixed region for main stream			
Environment Noise Filtering Yes	Sub-Stream Video Compression Video Bit Rate H.264 Type H.265 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC)	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile Main Profile CBR, VBR 1 fixed region for main stream			
-	Sub-Stream Video Compression Video Bit Rate H.264 Type H.265 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile Main Profile CBR, VBR 1 fixed region for main stream H.264 and H.265 encoding			
Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC	Sub-Stream Video Compression Video Bit Rate H.264 Type H.265 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio Audio Type	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile Main Profile CBR, VBR 1 fixed region for main stream H.264 and H.265 encoding Mono sound			
	Sub-Stream Video Compression Video Bit Rate H.264 Type H.265 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio Audio Type Audio Sampling Rate	25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 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.264/MJPEG 32 Kbps to 8 Mbps Baseline Profile, Main Profile, High Profile Main Profile CBR, VBR 1 fixed region for main stream H.264 and H.265 encoding Mono sound 8 kHz/16 kHz			



Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)		
Network			
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)		
Simultaneous Live View	Up to 6 channels		
API	Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK		
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP		
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			
Wide Dynamic Range (WDR)	120 dB		
SNR	≥ 52 dB		
Day/Night Switch	Day, Night, Auto, Schedule		
Image Enhancement	BLC, HLC, 3D DNR		
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser		
Privacy Mask	4 programmable polygon privacy masks		
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 512 GB		
Built-in Microphone	Yes, 1 built-in microphone		
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.		
Reset Key	Yes		
Event			
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception		
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, flashing light		
General			
Power	12 VDC ± 25%, 0.62 A, max. 7.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9 W		
Material	Metal & Plastic		
Dimension	179 mm × 67.4 mm × 69.1 mm (7.1" × 2.7" × 2.7")		
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")		
Weight	Approx. 315 g (0.7 lb.)		
With Package Weight	Approx. 520 g (1.1 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 via email		
Flashing Light	Yes		
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		

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.

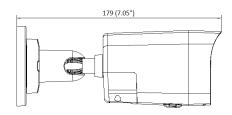
Available Model

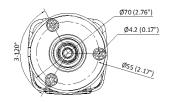
DS-2CD1043G2-LIUF/SL(2.8mm) DS-2CD1043G2-LIUF/SL(4mm)



Dimension







Unit: mm (inch)

Accessory

Optional

DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-XS
Vertical Pole Mount	Corner Mount	Junction Box

Headquarters

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