

DS-2CD1T83G2-LIU(F)

8 MP Smart Hybrid Light Fixed Bullet Network Camera













- High quality imaging with 8 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)



Specification

Image Sensor	Camera			
Min. Illumination	Image Sensor	1/2.7" Progressive Scan CMOS		
Shutter Time	Max. Resolution	3840 × 2160		
Day & Night	Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR		
Angle Adjustment Pan: 0* to 360*, tilt: 0* to 180*, rotate: 0* to 360* Lens Itimity Type Fixed focal lens, 4 and 6 mm optional First Type Fixed 4 mm, horizontal FOV 90*, vertical FOV 49*, diagonal FOV 108* Focal Length & FOV 6 mm, horizontal FOV 56*, vertical FOV 30*, diagonal FOV 65* Lens Mount M12 Aperture F2.0 DORI 4 mm, D: 102 m, O: 40 m, R: 20 m, I: 10 m 6 mm, D: 170 m, O: 67 m, R: 34 m, I: 17 m Illuminator Supplement Light Range Up to 50 m Smart Supplement Light Type IR, White Light IR Wavelength 850 nm Video Supplement Light Type IR Wavelength 850 nm Video Supplement Light Type IR Wavelength 850 nm Video Video Supplement Light Type Bol Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) OHz: Supplement Light Type 15 fps (1280 × 720, 640 × 480, 640 ×	Shutter Time	1/3 s to 1/100,000 s		
Lens Lens Type Fixed focal lens, 4 and 6 mm optional Iris Type Fixed Focal Length & FOV 4 mm, horizontal FOV 90°, vertical FOV 49°, diagonal FOV 108° Focal Length & FOV 6 mm, horizontal FOV 56°, vertical FOV 30°, diagonal FOV 65° Lens Mount M12 Aperture F2.0 DORI 4 mm, D: 102 m, O: 40 m, R: 20 m, I: 10 m 6 mm, D: 170 m, O: 67 m, R: 34 m, I: 17 m Illuminator Supplement Light Range Up to 50 m Smart Supplement Light Type IR, White Light IR Wavelength 850 nm Video 50 Hz: 12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) H. 265 Type Main Profile Video Compression Main stream: H.265+H.265/H.264/H.264, Video Bit Rate 32 Kbps to 16 Mbps H. 264 Type Baseline Profile, Main Profile, High Profile	Day & Night	IR cut filter		
Fixed Focal Length & FOV Fixed Fox Fixed Fixed	Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°		
Iris Type	Lens			
Focal Length & FOV	Lens Type	Fixed focal lens, 4 and 6 mm optional		
Focal Length & FOV	Iris Type	Fixed		
6 mm, horizontal FOV 56", vertical FOV 30", diagonal FOV 65"	5 11 11 0 501	4 mm, horizontal FOV 90°, vertical FOV 49°, diagonal FOV 108°		
Aperture	Focal Length & FOV	6 mm, horizontal FOV 56°, vertical FOV 30°, diagonal FOV 65°		
DORI DORI 4 mm, D: 102 m, O: 40 m, R: 20 m, I: 10 m 6 mm, D: 170 m, O: 67 m, R: 34 m, I: 17 m Illuminator Supplement Light Range Up to 50 m Smart Supplement Light Type IR, White Light IR Wavelength 850 nm Video 50 Hz: 12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) H.265 Type Main Profile Video Compression Main stream: H.265+/H.265/H.264+/H.264, Video Bit Rate 32 kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High 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 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) Audio Type Mono sound Environment Noise Filtering Yes	Lens Mount	M12		
DORI	Aperture	F2.0		
DORI 6 mm, D: 170 m, O: 67 m, R: 34 m, I: 17 m	DORI			
Supplement Light Range	500	4 mm, D: 102 m, O: 40 m, R: 20 m, I: 10 m		
Supplement Light Range Up to 50 m Smart Supplement Light Type IR, White Light IR Wavelength 850 nm Video Main Stream 50 Hz:	DORI	6 mm, D: 170 m, O: 67 m, R: 34 m, I: 17 m		
Smart Supplement Light Yes Supplement Light Type IR, White Light IR Wavelength 850 nm Video 50 Hz: Main Stream 50 Hz: 12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) H.265 Type Main Profile Video Compression Main stream: H.265/H.264/MJPEG Video Bit Rate 32 kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High 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 4 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Illuminator			
Supplement Light Type IR, White Light	Supplement Light Range	Up to 50 m		
Nain Stream	Smart Supplement Light	Yes		
Video 50 Hz: Main Stream 12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) H.265 Type Main Profile 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 16 Mbps H.264 Type Baseline Profile, Main Profile, High 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 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 KHz/16 KHz	Supplement Light Type	IR, White Light		
Main Stream	IR Wavelength	850 nm		
Main Stream				
Sub-Stream 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) H.265 Type Main Profile 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 16 Mbps H.264 Type Baseline Profile, Main Profile, High Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) Audio Audio 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) Audio Type Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Video			
Sub-Stream 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) H.265 Type Main Profile 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 16 Mbps H.264 Type Baseline Profile, Main Profile, High Profile Bit Rate Control CBR, VBR Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) Audio Audio 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) Audio Type Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz		12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz:		
H.265 Type Main Profile Video Compression Main stream: H.265+/H.264/H.264, Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High 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 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)		
Video Compression Sub-stream: H.265/H.264/MJPEG Video Bit Rate 32 Kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High 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 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360)		
Video Bit Rate 32 Kbps to 16 Mbps H.264 Type Baseline Profile, Main Profile, High Profile Bit Rate Control CBR, VBR Region of Interest (ROI) Scalable Video Coding (SVC) Audio Audio 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) Audio Type Mono sound Environment Noise Filtering Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)		
H.264 Type Baseline Profile, Main Profile, High 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 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile		
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 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264,		
Region of Interest (ROI) 1 fixed region for main stream Scalable Video Coding (SVC) H.264 and H.265 encoding Audio Audio 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type Video Compression	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG		
Scalable Video Coding (SVC) Audio Audio 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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps		
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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile		
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) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type Bit Rate Control	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile CBR, VBR		
Audio Bit Rate (MP2L2)/16 to 64 Kbps (AAC-LC) Audio Type Mono sound Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type Bit Rate Control Region of Interest (ROI)	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile CBR, VBR 1 fixed region for main stream		
Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC)	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile CBR, VBR 1 fixed region for main stream		
Audio Sampling Rate 8 kHz/16 kHz	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile CBR, VBR 1 fixed region for main stream H.264 and H.265 encoding		
	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio Audio Bit Rate	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile CBR, VBR 1 fixed region for main stream H.264 and H.265 encoding 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)		
Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio Audio Bit Rate Audio Type	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile CBR, VBR 1 fixed region for main stream H.264 and H.265 encoding 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) Mono sound		
	Main Stream Sub-Stream H.265 Type Video Compression Video Bit Rate H.264 Type Bit Rate Control Region of Interest (ROI) Scalable Video Coding (SVC) Audio Audio Bit Rate Audio Type Environment Noise Filtering	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360) Main Profile Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG 32 Kbps to 16 Mbps Baseline Profile, Main Profile, High Profile CBR, VBR 1 fixed region for main stream H.264 and H.265 encoding 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) Mono sound Yes		



Network			
Woh Drowson	Plug-in required live view: IE 10, IE 11,		
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+		
Client	iVMS-4200, Hik-Connect		
Simultaneous Live View	Up to 6 channels		
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)		
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK		
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, UPnP		
User/Host	Up to 32 users 3 user levels: administrator, operator, and user		
Image			
Day/Night Switch	Day, Night, Auto, Schedule		
Image Enhancement	BLC, HLC, 3D DNR		
Wide Dynamic Range (WDR)	120 dB		
SNR	≥ 52 dB		
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			
On-Board Storage	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB		
Built-in Microphone	Yes		
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
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 FTP/memory card (-F), send email, notify surveillance center, trigger recording (-F), trigger capture		
General			
Power	12 VDC ± 25%, 0.54 A, max. 6.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W		
Material	Metal & Plastic		
Dimension	83.7 mm × 80.7 mm × 205.6 mm (3.3" × 3.2" × 8.1")		
Package Dimension	260 mm × 125 mm × 125 mm (10.2" × 4.9" × 4.9")		
With Package Weight	Approx. 635 g (1.4 lb.)		
Weight	Approx. 580 g (1.3 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		
	<u> </u>		



General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Approval	
Protection	IP67: IEC 60529-2013
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

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.

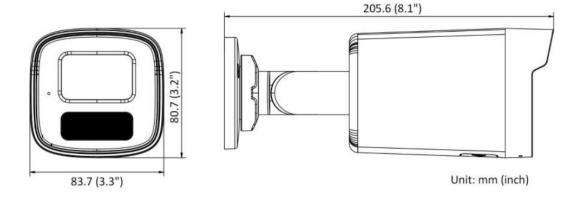
Level	Description	
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.	
Moderate protection	Hikvision products at this level are 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-2CD1T83G2-LIUF (4/6 mm) DS-2CD1T83G2-LIU (4/6 mm)



Dimension



Accessory

Optional

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

Headquarters No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

Follow us on social media to get the latest product and solution information.





HikvisionHQ



HikvisionHQ







