

DS-2CD2047G2-LU/SL

4 MP ColorVu Strobe Light and Audible Warning Fixed Mini Bullet Network Camera



Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 130 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- 24/7 colorful imaging
- Active strobe light and audio alarm to warn intruders off
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)

▪ Specification

Model		DS-2CD2047G2-LU/SL
Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Max. Resolution	2688 × 1520
	Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
	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	Focal Length & FOV	2.8 mm, horizontal FOV 111.9°, vertical FOV 60.5°, diagonal FOV 133.6° 4 mm, horizontal FOV 95.2°, vertical FOV 50.6°, diagonal FOV 114.7° 6 mm, horizontal FOV 58.4°, vertical FOV 31°, diagonal FOV 68.7°
	Lens Mount	M16
	Iris Type	Fixed
	Aperture	F1.0
	Depth of Field	2.8 mm: 3.1 m to ∞ 4 mm: 5.4 m to ∞ 6 mm: 12.1 m to ∞
DORI	DORI	2.8 mm, D: 58.2 m, O: 23.1 m, R: 11.6 m, I: 5.8 m 4 mm, D: 77 m, O: 30.5 m, R: 15.4 m, I: 7.7 m 6 mm, D: 115.6 m, O: 45.9 m, R: 23.1 m, I: 11.6 m
Illuminator	Supplement Light Type	White Light
	Supplement Light Range	Up to 40 m
	Smart Supplement Light	Yes
Video	Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
	Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
	Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
	Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings.
	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	H.265 and H.264 encoding

	Coding (SVC)	
	Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
	Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
	Environment Noise Filtering	Yes
Network	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket, WebSockets
	Simultaneous Live View	Up to 6 channels
	API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
	User/Host	Up to 32 users. 3 user levels: administrator, operator and user
	Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
	Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR), microSD/microSDHC/microSDXC card (512 GB) local storage Together with high-end Hikvision memory card, memory card encryption and health detection are supported
	Client	iVMS-4200, Hik-Connect, Hik-Central
	Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	Image Parameters Switch	Yes
	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
	Day/Night Switch	Auto, Schedule
	Wide Dynamic Range (WDR)	130 dB
	SNR	≥ 52 dB
	Image Enhancement	BLC, HLC, 3D DNR
Interface	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
	On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
	Built-in Microphone	Yes

	Built-in Speaker	1.2 W, 10 cm: 95 dB
	Alarm	NA
	Reset Key	Yes
Event	Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception
	Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggering by specified target types (human and vehicle)) Scene change detection
	Linkage	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email, strobe light, audible warning, trigger alarm output
Deep Learning Function	Face Capture	Yes
General	Power	12 VDC, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.25 A to 0.15 A, max. 7.5 W
	Dimension	Ø74.4 mm × 179.2 mm (Ø2.9" × 7.1")
	Package Dimension	234 mm × 120 mm × 117 mm (9.2" × 4.7" × 4.6")
	Weight	Approx. 510 g (1.1 lb.)
	With Package Weight	Approx. 760 g (1.7 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	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
	General Function	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
Approval	EMC	FCC SDoC: 47 CFR Part 15, Subpart B; CE-EMC: EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; RCM: AS/NZS CISPR 32: 2015; IC VoC: ICES-003: Issue 6, 2016; KC: KN 32: 2015, KN 35: 2015
	Safety	UL: UL 60950-1; CB: IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014; CE-LVD: EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014; LOA: IEC/EN 60950-1
	Environment	CE-RoHS: 2011/65/EU; WEEE: 2012/19/EU; Reach: Regulation (EC) No 1907/2006

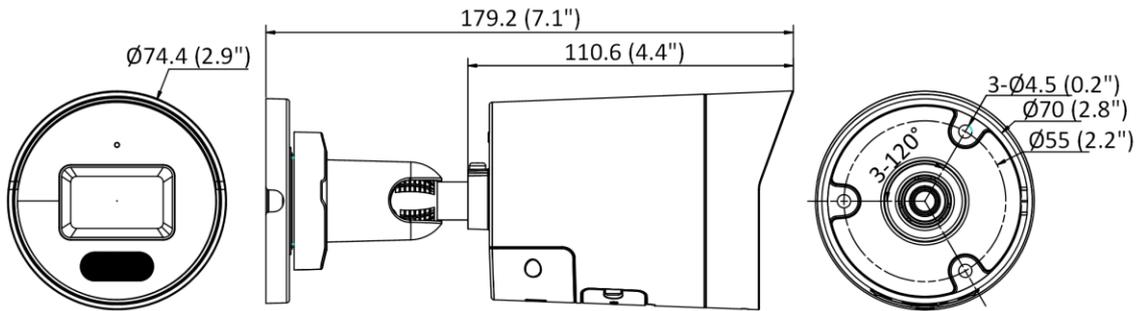
Protection	IP67: IEC 60529-2013
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▪ **Available Model**

DS-2CD2047G2-LU/SL(2.8mm)SKD

DS-2CD2047G2-LU/SL(2.8mm)(FIESA SRL)KIT

▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-XS Junction box

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