

DS-2CD1047G2-L

DS-2CD1047G2-L 2.8mm 4mp LED 30m IP ColorVu Lite AcuSense Bullet CAMERA HIKVISION

- High quality imaging with 4 MP resolution
- 24/7 colorful imaging
- Support Human and Vehicle Detection
- Water and dust resistant (IP67)
- Clear imaging even with strong back lighting due to 120 dB WDR
- Efficient H.265+ compression technology
- Support on-board storage up to 256GB (SD card slot) (Optional)
- Built-in microphone for real-time audio security (Optional)

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	2.8 mm
Lighting	LED
Lighting distance	30 m
Microphone	Mic
Protection	IP67
Material	Metal



Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.001 Lux @ (F1.0,AGC ON), 0 Lux withlight
Day & Night	24/7 color imaging
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate:0° to 360°
Lens	

Lens Type	Fixed focallens, 2.8 and 4 mm optional
Focal Length& FOV	2.8 mm, horizontal FOV: 96°, vertical FOV: 52°, diagonal FOV: 113° 4 mm, horizontal FOV:75°, vertical FOV:40°, diagonal FOV:89°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 2 m to ∞ 4 mm: 2.7 m to ∞
DORI	
DORI	2.8 mm, D: 64 m, O: 25 m, R: 12 m, l: 6 m 4 mm, D: 82 m, O: 32 m, R:16 m, l: 8 m
Illuminator	
Supplement LightType	White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
Video	
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 Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps

H.264 Type	Baseline Profile, MainProfile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region(s) for main stream
Audio	
Audio Type	-U: Monosound
Environment Noise Filtering	-U: Yes
Audio Sampling Rate	-U: 8 kHz/16kHz
Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	-U: 64 Kbps(G.711 ulaw)/64 Kbps(G.711 alaw)/ 16 Kbps(G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)

Network	
Protocols	TCP/IP, ICMP,DHCP, DNS, HTTP,RTP, RTSP, NTP,IGMP, IPv6, UDP,QoS, FTP, SMTP
Simultaneous Live View	Up to 6 channels
API	Open Network VideoInterface (Profile S, Profile T, Profile G (only -F model supports)), ISAPI, SDK
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, watermark, basicand digest authentication for HTTP, WSSEand digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)

Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required liveview: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Image	
Wide DynamicRange (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/100M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/ microSDHC/microSDXCcard, up to 256 GB
Built-in Microphone	-U: Yes
Reset Key	-F: Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types(human and vehicle)), videotampering alarm, exception
Linkage	Upload to FTP/memory card (-F), notifysurveillance center, sendemail, trigger recording (-F),trigger capture
General	
Power	12 VDC ±25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug

	PoE: 802.3af, Class 3, 36 V to 57 V,0.2 A to 0.15 A, max. 6.5 W
Material	Aluminum alloy body
Dimension	Ø76.6 mm × 164.4 mm (Ø3" × 6.5")
Package Dimension	234 mm × 120 mm × 117 mm (9.2" × 4.7" × 4.6")
Weight	-L: Approx. 410g (0.9 lb.) -LUF: Approx. 430 g (0.9lb.)
With PackageWeight	-L: Approx. 630 g (1.4lb.) -LUF: Approx. 650 g (1.4lb.)
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)

Approval	
EMC	FCC: 47 CFR Part15, Subpart B CE-EMC: EN 55032: 2015,EN 61000-3-2: 2019,EN 61000-3-3 : 2013 + A1: 2019, EN 50130-4: 2011 + A1: 2014 RCM: AS/NZSCISPR 32: 2015 KC: KN32: 2015, KN35:2015
Safety	UL: UL 62368-1 CB: IEC 62368-1: 2014+ A11 CE-LVD: EN 62368-1: 2014/A11: 2017 BIS: IS 13252 (Part1): 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