

DS-2CD2047G1-L

4 MP ColorVu Fixed Bullet Network Camera

ColorVu



- 1/1.8" Progressive Scan CMOS
- 2560 × 1440 @ 25fps
- F1.0 aperture, 2.8/4/6 mm fixed lens
- 120dB WDR

- H.265+, H.265, H.264+, H.264
- IP67
- Built-in micro SD/SDHC/SDXC slot, up to 256 GB
- 24/7 full time color

ColorVu

Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses, high performance sensors and friendly lighting. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light. In zero-light scenarios, built-in, warm supplemental lighting works to guarantee colorful images.



Specifications

Camera	
Image Sensor	1/1.8" progressive scan CMOS
Min. Illumination	Color: 0.0014Lux @ (F1.0, AGC ON), 0 Lux with white light
Shutter Speed	1/3s to 1/100,000s
Slow Shutter	Yes
Wide Dynamic Range	120dB
Angle Adjustment	Pan: 0 to 360°, tilt: 0 to 90°, rotation: 0 to 360°
Lens	
Lens Type	2.8/4/6 mm, fixed lens
FOV	2.8 mm, horizontal FOV: 102°, vertical FOV: 51°, diagonal FOV: 125° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°
Aperture	F1.0
Lens Mount	M16
Illuminator	
White Light Range	30 m
Video	
Max. Resolution	2560 × 1440
Main Stream	50Hz: 25fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third stream	50Hz: 1fps (1280 × 720, 640 × 480, 640 × 360, 352 × 288, 320 × 240) 60Hz: 1fps (1280 × 720, 640 × 480, 640 × 360, 352 × 288, 320 × 240)
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
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Stream Type	Main stream/Sub-stream/third stream
Simultaneous Live View	Up to 6 channels
Scalable Video Coding (SVC)	Yes
Region of Interest (ROI)	1 fixed region for each stream
* Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream.	
Network	
API	ONVIF (PROFILE S, PROFILE G), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS

User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2
Network Storage	microSD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	IE8+, Chrome41.0-44, Firefox30.0-51, Safari8.0-11
Image	
Day/Night Switch	Day/Night
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
S/N Ratio	>50dB
Interface	
RS-232	RS-232 serial port control
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Smart Feature-Set	
Basic Event	Motion detection, video tampering alarm, exception (IP address conflict, illegal login, HDD full, HDD error)
Premier Protection	Intrusion detection, line crossing detection
General	
Web Client Language	English, Russian, Italian, French, Polish, Portuguese, Spanish, Turkish
General Function	One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy masks, IP address conflict, flash log
Software Reset	Yes
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger capture
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F)
Power Supply	12 VDC ± 20%, PoE: 802.3af
Power Consumption and Current	12VDC, 0.5 A, max. 6 W; PoE:(802.3af, 36V to 57V), 0.2 A to 0.1 A, max. 7.5 W
Power Interface	Ø5.5 mm coaxial power plug
Material	Metal
Camera Dimension	85 × 85 × 218 mm (3.3" × 3.3" × 8.6")
Package Dimension	315 × 137 × 141 mm (12.4" × 5.4" × 5.6")
Camera Weight	0.710 kg (1.6 lb.)
With Package Weight	1.035 kg (2.3 lb.)

Approval

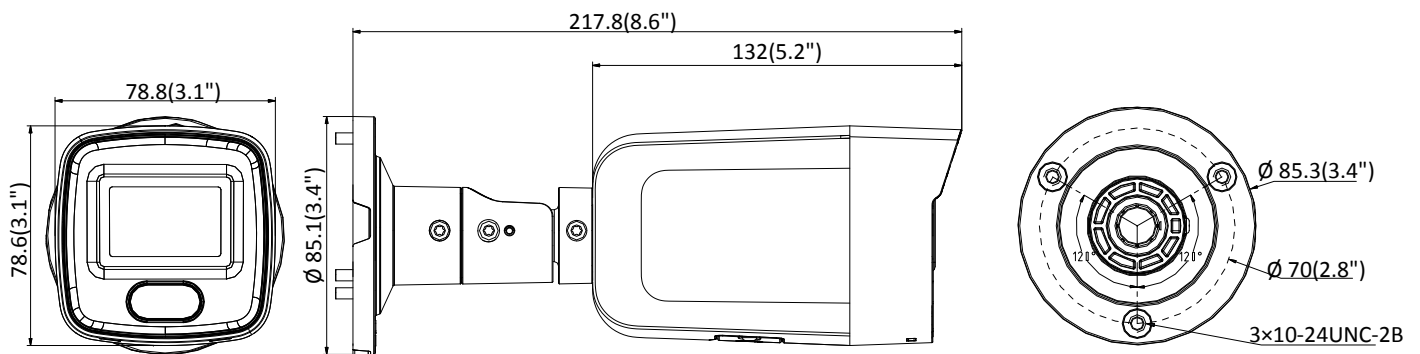
Protection	Ingress protection: IP67 (IEC 60529-2013)
EMC	CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD2047G1-L (2.8/4/6 mm)

Dimension



Unit: mm(inch)

Accessory



DS-1276ZJ-SUS
Corner Mount



DS-1280ZJ-S
Junction Box



DS-1275ZJ-SUS
Vertical pole mount

Distributed by

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