4 MP COLORVU 3.0 FIXED BULLET NETWORK CAMERA



Short Description

The Hikvision DS-2CD1047G3-LIU is a 4MP Smart Hybrid Light fixed bullet network camera designed for high-quality outdoor surveillance. Equipped with advanced human and vehicle detection, built-in microphone, H.265+ compression, and IP67 weatherproof protection, it delivers reliable security monitoring with clear images both day and night.

Key features:

- 4MP high-resolution imaging (2560 × 1440)
- Smart Hybrid Light technology
- Up to 30m IR and white light night vision
- Built-in microphone for real-time audio recording
- Intelligent human and vehicle detection
- H.265+/H.265 video compression
- Wide Dynamic Range (WDR) for balanced images
- Supports microSD card storage
- Power over Ethernet (PoE) support
- IP67 weatherproof design for outdoor use
- Easy integration with Hik-Connect and ONVIF-compatible systems
- Suitable for residential and commercial security applications

Product Information

Model Number	DS-2CD1047G3-LIU
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1047G3-LIU is a professional-grade 4MP bullet IP camera engineered to provide dependable security for homes, offices, warehouses, retail stores, and commercial facilities. Featuring a high-resolution 4MP sensor, the camera captures sharp and detailed images with excellent clarity.

Its Smart Hybrid Light technology automatically switches between infrared and white light illumination, providing superior night vision performance while reducing unnecessary light pollution. With illumination distance up to 30 meters, the camera ensures effective monitoring even in complete darkness.

The built-in microphone records audio along with video, providing additional evidence and enhancing overall security. Advanced human and vehicle classification minimizes false alarms caused by irrelevant movements, improving event accuracy and monitoring efficiency.

Supporting H.265+ video compression, the camera reduces storage requirements and bandwidth usage without compromising image quality. The rugged IP67-rated weatherproof housing protects the camera from dust and harsh weather conditions, making it suitable for both indoor and outdoor installations.

The Hikvision DS-2CD1047G3-LIU is an ideal solution for users seeking high-performance surveillance with intelligent features and reliable 24/7 protection.

Technical Specifications

Camera Specifications	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON),0 Lux with light
Shutter Time	1 s to 1/100,000 s
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 360°,tilt: 0° to 90°,rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 95.7°, vertical FOV 51.7°, diagonal FOV 113.7° 4 mm, horizontal FOV 79.6°, vertical FOV 43.2°, diagonal FOV 93.2°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
Depth Of Field	2.8 mm: 1.7 m to ∞ 4 mm: 1.6 m to ∞
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 30 M
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	

Main Stream	50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2688 × 1520, 2560 × 1440, 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 16 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 and sub-stream
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Audio	
Audio Type	Mono Sound
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC/MP3
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IPv4, IPv6, IGMP, UDP, QoS, FTP, SMTP
Simultaneous Live View	Up to 6 Channels

API	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK
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)
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: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+ Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+
Image	
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance, adjustable by client software or web browser
Day/Night Switch	Day,Night,Auto,Schedule
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Enhancement	BLC,HLC,3D DNR
Privacy Mask	4 programmable rectangular privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	N/A
Built-in Microphone	Yes,1 built-in microphone
Built-in Speaker	N/A
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (person and vehicle)), video tampering alarm, exception
Linkage	Upload to FTP,notify surveillance center, send email, trigger recording

General	
Power	12 VDC ± 25%, 0.55 A, max. 6.6 W,Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 8 W
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Material	Metal & Plastic
Dimension	69.1 mm × 66.9 mm × 172.9 mm (2.7" × 2.6" × 6.8")
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)