2 MP COLORVU 3.0 FIXED TURRET NETWORK CAMERA



Short Description

The Hikvision DS-2CD1327G3-LIU is a 2MP ColorVu 3.0 Fixed Turret Network Camera designed to deliver full-color surveillance around the clock. Featuring Smart Hybrid Light technology, built-in microphone, H.265+ compression, and IP67 weatherproof protection, this camera provides reliable and high-quality monitoring for homes, offices, shops, and commercial installations.

Key Feature

- 2MP Full HD (1920 × 1080) resolution
- ColorVu 3.0 technology for 24/7 color imaging
- Ultra-low light performance with F1.0 aperture
- Smart Hybrid Light with IR and white light
- Up to 30m illumination distance
- Human and vehicle classification
- Built-in microphone for audio recording
- H.265+/H.265 video compression
- IP67 weatherproof protection
- Supports PoE for easy installation
- Suitable for indoor and outdoor use

Product Information

Model Number	DS-2CD1327G3-LIU
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1327G3-LIU is an advanced 2MP IP turret camera equipped with ColorVu 3.0 technology that provides vivid and colorful images 24 hours a day, even in extremely low-light environments. Powered by a 1/2.8-inch Progressive Scan CMOS sensor and an F1.0 large-aperture lens, the camera captures clear details with exceptional brightness and color accuracy.

Its Smart Hybrid Light system combines IR and white light illumination with a coverage distance of up to 30 meters, ensuring excellent nighttime performance. Motion Detection 3.0 with human and vehicle classification helps reduce false alarms and improves security efficiency.

The built-in microphone allows real-time audio recording for enhanced evidence collection, while H.265+ video compression minimizes bandwidth and storage consumption. With IP67-rated water and dust resistance, the DS-2CD1327G3-LIU is suitable for both indoor and outdoor surveillance applications.

This camera is an ideal choice for residences, retail stores, offices, warehouses, parking areas, and commercial facilities requiring dependable 24/7 security monitoring.

Technical Specifications

Camera Specifications	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1290*1080
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 75°,rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 106°, vertical FOV 56°, diagonal FOV 129° 4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
Depth Of Field	2.8 mm: 1.2 m to ∞ 4 mm: 1.3 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 (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (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, 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)/8 to 160 Kbps(MP3)
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, UPnP
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 free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Safari 11 Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Privacy Mask	4 programmable rectangular privacy masks
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
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	-LIU□ LIU/S(L)(RB)□ NA -LIUF□ LIUF/S(L)(RB)□ Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	Yes, 1 built in Microphone
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm, exception

Linkage	Upload to memory card/FTP,notify surveillance center, send email, trigger recording, trigger capture
General	
Power	-LIUF: 12 VDC ± 25%, 0.52 A, max. 6.2 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W, -LIU/S(L)(RB)、-LIUF/S(L)(RB): 12 VDC ± 25%, 0.52 A, max. 6.24 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.52 W
Material	Cover: Plastic, Main Body: Metal
Dimension	Ø110 mm × 102.7 mm (Ø4.33" × 4.04")
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Flashing Light	-LIU、-LIUF、NA -LIU(F)/SL、White Light -LIU(F)/SRB、Red and Blue Light