2 MP COLORVU MD 2.0 FIXED TURRET NETWORK CAMERA



Short Description

The Hikvision DS-2CD1327G2-LUF is a 2MP ColorVu Fixed Turret Network Camera designed to deliver vivid full-color images 24/7. Featuring advanced Human and Vehicle Detection, built-in microphone support, H.265+ compression, and IP67 weather protection, this camera provides reliable security for homes, offices, shops, and commercial installations.

Key Feature

- 2MP Full HD resolution (1920 × 1080)
- Hikvision ColorVu technology for 24/7 color imaging
- Built-in microphone for real-time audio recording
- Human and Vehicle Detection
- H.265+ video compression technology
- White light illumination up to 30 meters
- IP67 water and dust resistance
- Supports PoE (802.3af)
- Optional 2.8mm or 4mm fixed lens
- Supports microSD card storage up to 512GB
- Compatible with Hik-Connect and ONVIF standards

Product Information

Model Number	DS-2CD1327G2-LUF
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1327G2-LUF is a high-performance 2MP ColorVu IP Turret Camera that offers exceptional image quality with continuous full-color monitoring day and night. Equipped with Hikvision's advanced ColorVu technology and an F1.0 super-aperture lens, the camera captures bright and detailed images even in extremely low-light environments.

Powered by intelligent Human and Vehicle Detection, the camera minimizes false alarms and improves event accuracy. The integrated microphone enables audio recording for enhanced security, while H.265+ video compression reduces bandwidth and storage consumption without compromising image quality.

With a durable IP67-rated weatherproof design, the DS-2CD1327G2-LUF is suitable for both indoor and outdoor applications. It supports PoE (Power over Ethernet) for simplified installation and can be used in residential buildings, retail stores, offices, warehouses, schools, parking areas, and other surveillance environments.

Its combination of full-color night vision, intelligent detection, audio capability, and reliable weather resistance makes the Hikvision DS-2CD1327G2-LUF an ideal solution for modern video surveillance systems.

Technical Specifications

Video	
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(s) for main stream
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
Audio	
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	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, SSL/TLS
Simultaneous Live View	Up to 6 Channels

API	Open Network Video Interface (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, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Client	iVMS-4200,Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Wide Dynamic Range (WDR)	Digital WDR
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/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
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 FTP/memory card (-F), notify surveillance center, send email, 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	Plastic & Metal
Dimension	Ø109.9 mm × 103.6 mm (Ø4.3 × 4.1\")"
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Camera Specifications	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON),0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Day & Night	24/7 Color imaging
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: 57°, diagonal FOV: 126° 4 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 99°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0

Depth Of Field	2.8 mm: 1.5 m to ∞ 4 mm: 2.1 m to ∞
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes