# 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

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| **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

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| **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)<br>60 Hz: 30 fps (1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360) |
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264,<br>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 |

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| API | Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)),ISAPI,SDK |
| User/Host | Up to 32 users<br>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,<br>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** | |

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| 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,<br>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°<br>4 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 99° |
| Lens Mount | M12 |
| Iris Type | Fixed |
| Aperture | F1.0 |

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