

# 4 MP COLORVU 3.0 FIXED TURRET NETWORK CAMERA

## Short Description

The Hikvision DS-2CD1347G2H-LIU is a 4MP Smart Hybrid Light turret network camera featuring full-color imaging, built-in microphone, H.265+ compression, and IP67 weatherproof protection. Designed for both residential and commercial applications, it delivers high-quality video and audio surveillance day and night.



## Key Features:

- 4MP high-resolution video (2560 × 1440)
- Smart Hybrid Light technology for superior night vision
- Full-color imaging in low-light environments
- Built-in microphone for synchronized audio recording
- Efficient H.265+ video compression
- 120 dB Wide Dynamic Range (WDR)
- 3D DNR, BLC, and HLC image optimization
- IP67 weatherproof protection for outdoor use
- Power over Ethernet (PoE) support
- Fixed turret design minimizes IR reflection
- Supports remote viewing via Hik-Connect
- Compatible with ONVIF and Hikvision NVR systems

## Product Information

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|---------------------|-------------------------------|
| <b>Model Number</b> | DS-2CD1347G3-LIU              |
| <b>Brand</b>        | Hikvision                     |
| <b>Category</b>     | Internet Protocol (IP) Camera |
| <b>Availability</b> | Available                     |
| <b>Price Type</b>   | Contact for price             |

## Description

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The Hikvision DS-2CD1347G2H-LIU is a high-performance 4MP fixed turret IP camera engineered to provide reliable and intelligent surveillance for homes, offices, retail stores, warehouses, schools, and outdoor environments. Combining advanced imaging technology with smart lighting and audio recording capabilities, this camera offers comprehensive security monitoring around the clock.

Equipped with a powerful 1/3" Progressive Scan CMOS sensor, the camera captures crystal-clear images at a maximum resolution of 2560 × 1440 (4MP). Its Smart Hybrid Light technology intelligently switches between infrared illumination and white light, ensuring excellent visibility while providing full-color images in low-light conditions.

The integrated built-in microphone records synchronized audio along with video footage, allowing users to obtain more complete evidence and improved situational awareness. With H.265+ video compression, the camera significantly reduces bandwidth consumption and storage requirements while maintaining superior image quality.

The DS-2CD1347G2H-LIU incorporates advanced image enhancement technologies including 120 dB Wide Dynamic Range (WDR), 3D Digital Noise Reduction (3D DNR), Backlight Compensation (BLC), and Highlight Compensation (HLC). These features ensure balanced images and exceptional clarity in environments with varying lighting conditions.

Designed for long-term durability, the camera features an IP67-rated weatherproof housing, making it suitable for indoor and outdoor installations. Support for Power over Ethernet (PoE) simplifies installation by enabling both power and data transmission through a single network cable.

Compatible with Hikvision NVRs, Hik-Connect, and ONVIF-supported systems, the DS-2CD1347G2H-LIU is an ideal solution for modern IP surveillance systems requiring dependable performance and enhanced security features.

# Technical Specifications

| <b>Camera Specifications</b> |  |
|------------------------------|--|
| 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 75°,rotate: 0° to 360°   |
| <b>Lens</b>                  |  |
| Lens Type                    | Fixed focal lens, 2.8 and 4 mm optional  |
| Focal Length & FOV           | 2.8 mm, horizontal FOV 101.5°, vertical FOV 54.6°, diagonal FOV 122.1°<br>4 mm, horizontal FOV 84.1°, vertical FOV 45.6°, diagonal FOV 99.1° |
| Lens Mount                   | M12  |
| Iris Type                    | Fixed  |
| Aperture                     | F1.0   |
| Depth Of Field               | 2.8 mm: 1.7 m to ∞<br>4 mm: 1.6 m to ∞   |
| <b>Illuminator</b>           |  |
| Supplement Light Type        | IR White Light   |
| Supplement Light Range       | Up to 30 M   |
| Smart Supplement Light       | Yes  |
| IR Wavelength                | 850 nm   |
| <b>Video</b>                 |  |

|                             |  |
|-----------------------------|--|
| Main Stream                 | 50 Hz:<br>25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)<br><br>60 Hz:<br>24 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) |
| Sub-Stream                  | 50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)<br>60 Hz: 24 fps (1280 × 720, 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 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   |
| <b>Audio</b>                |  |
| 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  |
| <b>Network</b>              |  |
| 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   |

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|--------------------------|--|
| API                      | ONVIF (Profile S, Profile G),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<br>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<br>Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+   |
| <b>Image</b>             |  |
| 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   |
| <b>Interface</b>         |  |
| 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  |
| <b>Event</b>             |  |
| Basic Event              | Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm, exception   |

|                                  |   |
|----------------------------------|---|
| Linkage                          | Upload to FTP,notify surveillance center, send email, trigger recording, trigger capture  |
| <b>General</b>                   |   |
| Power                            | 12 VDC $\pm$ 25%, 0.52 A, max. 6.2 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W, |
| Material                         | Metal & Plastic   |
| Dimension                        | $\varnothing$ 110 mm $\times$ 102.7 mm ( $\varnothing$ 4.33" $\times$ 4.04")  |
| Startup and Operating Conditions | -30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)                                   |

**PCNS** Kathmandu-10, Baneshwor, Nepal [info@pcns.com.np](mailto:info@pcns.com.np) +977 9700045888