2 MP COLORVU FIXED BULLET PT NETWORK CAMERA



Short Description

The Hikvision DS-2CD1P27G2-L is a 2MP ColorVu fixed mini bullet network camera designed to deliver vivid full-color images around the clock. Featuring advanced low-light technology, H.265+ video compression, and IP67 weatherproof protection, it provides reliable surveillance for homes, offices, shops, and outdoor environments.

Key Features:

- 2MP high-resolution imaging (1920 × 1080)
- ColorVu technology for 24/7 full-color video
- Excellent low-light performance
- Built-in warm supplemental light
- H.265+/H.265 video compression
- Wide Dynamic Range (WDR) for improved image quality
- IP67 weatherproof design for outdoor installation
- Compact mini bullet camera design
- Power over Ethernet (PoE) support
- Supports remote viewing through Hik-Connect
- Easy integration with ONVIF-compatible systems
- Ideal for residential and commercial security applications

Product Information

Model Number	DS-2CD1P27G2-L
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1P27G2-L is a high-performance 2MP IP camera equipped with Hikvision's innovative ColorVu technology, allowing the camera to capture bright and colorful images even in extremely low-light conditions. Unlike traditional cameras that switch to black-and-white mode at night, this camera maintains full-color video 24/7 for enhanced detail and identification.

With a high-quality 2MP sensor and advanced image processing, the camera produces sharp and clear footage suitable for residential, retail, office, and commercial security installations. Its built-in warm supplemental light improves nighttime visibility while maintaining natural color reproduction.

The camera supports H.265+ video compression, reducing bandwidth usage and storage requirements while preserving image quality. The durable IP67-rated weatherproof housing ensures dependable operation in harsh outdoor conditions, protecting the camera from dust, rain, and extreme temperatures.

Its compact mini bullet design makes installation simple and discreet, making it an ideal solution for entrances, parking areas, shops, warehouses, and perimeter monitoring applications.

The Hikvision DS-2CD1P27G2-L delivers dependable full-color surveillance with excellent image quality and efficient performance for 24/7 security protection.

Technical Specifications

Camera Specifications	
Image Sensor	1/2.5" 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: -100° to 100°,tilt: -20° to 45°
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	Max F1.0
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	Up to 30 M
Smart Supplement Light	Yes
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
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	
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)
Simultaneous Live View	Up to 6 Channels
API	Open Network Video Interface (Profile S, Profile G (only -F model supports), Profile T), ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect

Web Browser	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Day/Night Switch	Day, Night, Auto, Schedule
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browse
Privacy Mask	4 regions of privacy mask
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Built-in Microphone	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Linkage	Send email, notify surveillance center, trigger recording (-F), trigger capture
General	
Power	12 VDC ± 25%, 0.91 A, max. 11 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: 802.3af, Class 3, 36 V to 57 V, 0.34 A to 0.21 A, max. 12.5 W
Material	Metal & Plastic
Dimension	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9")
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)