



HIKVISION®

4MP ColorVu Fixed Turret Network Camera with 2.8mm Lens

DS-2CD2347G2-LU (2.8mm)

SKU: 112995 UPC: 842571138290

Hikvision ColorVu technology provides 24/7 vivid color images with $\text{F}/1.0$ advanced lenses and high-performance sensors. The $\text{F}/1.0$ super aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

High-Quality Imaging with 4MP Resolution Efficient H.265+ Compression Technology Clear Imaging Against Strong Backlight Due to 130 dB WDR Technology Built-in Microphone for Real-Time Audio Security Focus on Human and Vehicle Targets Classification Based on Deep Learning 24/7 Color Imaging Water and Dust Resistant (IP67)

Specifications

- Camera
- Image Sensor
- 1/1.8" Progressive Scan CMOS
- Resolution
- 2688 × 1520
- Illumination
- Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
- Shutter Time
- 1/3 s to 1/100,000 s
- Angle Adjustment
- Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
- Lens
- Lens Type
- Fixed focal lens, 2.8, 4, and 6 mm optional
- Focal Length & FOV
- 8 mm, horizontal FOV 112°, vertical FOV 61°, diagonal FOV 134°
- 4 mm, horizontal FOV 95°, vertical FOV 51°, diagonal FOV 115°
- 6 mm, horizontal FOV 58°, vertical FOV 31°, diagonal FOV 69°
- Lens Mount
- M16
- Iris Type
- Fixed
- Aperture
- 0
- Depth Of Field
- 8 mm, 2.5 m to ?
- 4 mm, 3.5 m to ?
- 6 mm, 7.5 m to ?
- DORI
- DORI
- 8 mm, D: 58 m, O: 23 m, R: 11 m, I: 2 m
- 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m
- 6 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m

- Illuminator
- Supplement Light Type
- White Light
- Supplement Light Range
- 30 m
- Smart Supplement Light
- Yes
- Video
- Main Stream
- 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
- 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
- Sub-Stream
- 50 Hz: 25 fps (640 × 480, 640 × 360)
- 60 Hz: 30 fps (640 × 480, 640 × 360)
- Third Stream
- 50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
- 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)
- *the Third stream is supported under certain settings.
- Video Compression
- Main stream: H.265/H.264/H.265+/H.264+
- Sub-stream: H.265/H.264/MJPEG
- Third stream: H.265/H.264
- *Third stream is supported under certain settings.
- Video Bit Rate
- 32 Kbps to 8 Mbps
- 264 Type
- Baseline Profile/Main Profile/High Profile
- 265 Type
- Main Profile
- Bit Rate Control
- CBR/VBR
- Scalable Video Coding (SVC)
- 264 and H.265 encoding
- Region Of Interest (ROI)
- 1 fixed region for main stream and sub-stream
- Audio
- Audio Compression
- -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
- Audio Bit Rate
- -U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC)
- Audio Sampling Rate
- -U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
- Environment Noise Filtering
- -U: Yes
- Network
- Protocols
- TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket, WebSockets
- Simultaneous Live View
- Up to 6 channels
- API
- Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
- User/Host
- Up to 32 users. 3 user levels: administrator, operator and user
- Security
- Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video

Interface

- Network Storage
- MicroSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
- Together with high-end Hikvision memory card, memory card encryption and health detection are supported
- Client
- iVMS-4200, Hik-Connect, Hik-Central
- Web Browser
- Plug-in required live view: IE 10+
- Plug-in free live view: Chrome 57.0+, Firefox 52.0+
- Local service: Chrome 57.0+, Firefox 52.0+
- Image
- Image Parameters Switch
- Yes
- Image Settings
- Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
- Day/Night Switch
- Auto, Schedule
- Wide Dynamic Range (WDR)
- 130 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
- Built-in micro SD/SDHC/SDXC slot, up to 256 GB
- Built-In Microphone
- -U: Yes
- Reset Key
- Yes
- Event
- Basic Event
- Motion detection (human and vehicle targets classification), video tampering alarm, exception
- Smart Event
- Line crossing detection, intrusion detection, region entrance detection, region exiting detection
- Scene change detection
- Linkage
- Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email
- Deep Learning Function
- Face Capture
- Yes
- General
- Power
- 12 VDC \pm 25%, 0.55 A, max. 6.6 W, Ø5.5 mm coaxial power plug, reverse polarity protection
- PoE: 802.3af, Class 3, 36 V to 57 V, 0.22 A to 0.13 A, max. 7.6 W
- Dimension
- Ø138.3 mm × 125.2 mm (Ø5.4" × 4.9")
- Package Dimension
- 170 mm × 170 mm × 150 mm (7" × 7" × 5.9")
- 750 g (1.7 lb.)
- With Package Weight
- 1055 g (2.3 lb.)
- Storage Conditions
- -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)

- Startup And Operating Conditions
- -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
- Language
- 33 languages
- English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
- General Function
- Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
- Approval
- EMC
- FCC SDoC (47 CFR Part 15, Subpart B);
- CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014);
- RCM (AS/NZS CISPR 32: 2015);
- IC VoC (ICES-003: Issue 6, 2016);
- KC (KN 32: 2015, KN 35: 2015)
- Safety
- UL (UL 60950-1);
- CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);
- CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);
- BIS (IS 13252(Part 1):2010+A1:2013+A2:2015);
- LOA (IEC/EN 60950-1)
- Environment
- CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
- Protection
- IP67 (IEC 60529-2013)