



HIKVISION®

4MP ColorVu Strobe Light & Audible Warning Turret Network Camera with 2.8mm Lens

DS-2CD2347G2-LSU/SL (2.8mm)

SKU: 112996 UPC: 842571140279

Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

Features

- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 130 dB WDR technology
- Focus on human and vehicle targets classification based on deep learning
- 24/7 colorful imaging
- Active strobe light and audio alarm to warn intruders off
- Provide real-time security via built-in two-way audio
- Audio and alarm interface available
- Water and dust resistant (IP67)

Camera

- Image Sensor 1/1.8" Progressive Scan CMOS
- Max. Resolution 2688 × 1520
- Min. 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

- Focal Length & FOV

2.8 mm, horizontal FOV 111.9°, vertical FOV 60.5°, diagonal FOV 133.6°

4 mm, horizontal FOV 95.2°, vertical FOV 50.6°, diagonal FOV 114.7°

- Lens Mount M16
- Iris Type Fixed
- Aperture F1.0
- Depth of Field

2.8 mm: 3.1 m to ?

4 mm: 5.4 m to ?

- DORI
- DORI

2.8 mm, D: 58.2 m, O: 23.1 m, R: 11.6 m, I: 5.8 m

4 mm, D: 77 m, O: 30.5 m, R: 15.4 m, I: 7.7 m

- Illuminator
- Supplement Light TypeWhite light
- Supplement Light RangeUp to 30 m
- Smart Supplement LightYes

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 (1280 × 720, 640 × 480, 640 × 360)

60 Hz: 30 fps (1280 × 720, 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)

*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 Rate32 Kbps to 8 Mbps
- H.264 TypeBaseline Profile/Main Profile/High Profile
- H.265 TypeMain Profile
- Bit Rate ControlCBR/VBR
- Scalable Video Coding (SVC)H.265 and H.264 encoding
- Region of Interest (ROI)1 fixed region for main stream and sub-stream

Audio

- Audio CompressionG.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
- Audio Bit Rate64 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-LC)
- Audio Sampling Rate8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
- Environment Noise FilteringYes

Network

- ProtocolsTCP/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 ViewUp to 6 channels

- APIOpen Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
- User/HostUp to 32 users. 3 user levels: administrator, operator and user
- SecurityPassword 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

NAS (NFS, SMB/CIFS), auto network replenishment (ANR), microSD/microSDHC/microSDXC card (512 GB) local storage

Together with high-end Hikvision memory card, memory card encryption and health detection are supported

- ClientiVMS-4200, Hik-Connect, Hik-Central
- Web Browser

Plug-in required live view: IE 10, IE 11

Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+

Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+

Image

- Image Parameters SwitchYes
- Image SettingsRotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
- Day/Night SwitchAuto, Schedule
- Wide Dynamic Range (WDR)130 dB
- SNR? 52 dB
- Image EnhancementBLC, HLC, 3D DNR

- Interface
- Ethernet Interface1 RJ45 10 M/100 M self-adaptive Ethernet port
- On-Board StorageBuilt-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
- Built-in MicrophoneYes
- Built-in Speaker1.2 W, 10 cm: 95 dB
- Audio

1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K?, interface type: non-equilibrium

1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 ?, interface type: non-equilibrium

- Alarm

Visual alarm

1 input, 1 output (max. 24 VDC/24 VAC, 1 A)

- Reset KeyYes
- Event
- Basic EventMotion detection (human and vehicle targets classification), video tampering alarm, exception
- Smart Event

Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggering by specified target types (human and vehicle))

Scene change detection

- LinkageUpload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger capture, send email, strobe light, audible warning, trigger alarm output
- Deep Learning Function
- Face CaptureYes

General

• Power

12 VDC \pm 25%, 0.54 A, max. 6.5 W, Ø5.5 mm coaxial power plug

PoE: 802.3af, Class 3, 36 V to 57 V, 0.22 A to 0.14 A, max. 8 W

- DimensionØ138.3 mm × 115.4 mm (Ø5.4" × 4.5")
- Package Dimension170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")
- WeightApprox. 760 g (1.7 lb.)
- With Package WeightApprox. 1040 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 FunctionAnti-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;

LOA: IEC/EN 60950-1

• Environment

CE-RoHS: 2011/65/EU;

WEEE: 2012/19/EU;

Reach: Regulation (EC) No 1907/2006