



HIKVISION®

6 MP AcuSense Fixed Turret Network Camera with 2.8mm Lens

DS-2CD2366G2-I (2.8mm)

SKU: 118702 UPC: 842571145199

Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

Features

- High-quality imaging with 6 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Built-in microphone for real-time audio security(-U)
- Water and dust resistant (IP67)
- Power by Darkfighter
- Human and Vehicle Targets Classification
- Built-in Microphone (Optional)
- On-Board Storage
- Weatherproof

- Image Sensor 1/2.4" Progressive Scan CMOS
- Illumination Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
- Shutter Speed 1/3 s to 1/100,000 s
- Slow Shutter Yes
- P/N P/N
- Wide Dynamic Range 120 dB
- Day & Night IR cut filter
- 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 105.1°, vertical FOV 53.4°, diagonal FOV 128.6°
- 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8°
- 6 mm, horizontal FOV 47.5°, vertical FOV 26°, diagonal FOV 54.5°
- Lens Mount M12
- Iris Type Fixed
- Aperture F1.6
- DORI
- DORI
- 8 mm: D: 78.6 m, O: 31.2 m, R: 15.7 m, I: 7.9 m
- 4 mm: D: 95.6 m, O: 37.9 m, R: 19.1 m, I: 9.6 m
- 6 mm: D: 160.0 m, O: 63.5 m, R: 32.0 m, I: 16.0 m
- Illuminator
- Supplement Light Type IR

- Smart Supplement Light Yes
- IR Wavelength 850 nm
- IR Range Up to 30 m
- Video
- Resolution 3200 × 1800
- Main Stream
- 50 Hz: 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
- 60 Hz: 30 fps (3200 × 1800, 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)
- *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 16 Mbps
- 264 Type Baseline Profile/Main Profile/High Profile
- 265 Type Main Profile
- 264+ Main stream supports
- 265+ Main stream supports
- Bit Rate Control CBR/VBR
- Scalable Video Coding (SVC) H.264 and H.265 encoding
- Region of Interest (ROI) 1 fixed region for main stream and sub-stream
- Audio
- Audio Type -U: mono sound
- 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
- 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 Day, Night, Auto, Schedule
- SNR ? 52 dB
- Image Enhancement BLC, HLC, 3D DNR
- Target Cropping Yes
- Interface
- Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port
- On-Board Storage Built-in memory card slot, support microSD/SDHC/SDXC card, 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 Scene change detection
- Deep Learning Function
- Face Capture Yes
- Perimeter Protection
- Line crossing detection, intrusion detection, region entrance detection, region exiting
- detection
- Supports human and vehicle targets classification
- General
- Linkage Method
- Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger
- recording, trigger capture
- Material Metal
- Dimension Ø 138.3 mm × 111.4 mm (Ø 5.4" × 4.4")
- Package Dimension 170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")
- Weight Approx. 740 g (1.6 lb.)
- With Package Weight Approx. 1070 g (2.4 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
- Firmware Version V5.5.113
- Software Reset Yes
- Power Consumption and Current
- 12 VDC, 0.45 A, max. 5.4 W
- PoE (802.3af, 36 V to 57 V), 0.18 A to 0.11 A, max. 6.5 W
- Power Supply
- 12 VDC ± 25%, reverse polarity protection
- PoE: 802.3af, Class 3
- Power Interface Ø 5.5 mm coaxial power plug
- Approval
- EMC
- FCC (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); KC (KN
- 32: 2015, KN 35: 2015)
- Safety
- UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-
- 1:2005 + Am 1:2009 + Am 2:2013)
- Environment CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
- Protection IP67 (IEC 60529-2013)
- ? Available Model
- DS-2CD2366G2-I (2.8/4/6 mm)
- DS-2CD2366G2-IU (2.8/4/6 mm)
- DS-2CD2366G2-IU (2.8/4/6 mm) (Black)