



**HIKVISION®**

## 8MP AcuSense Fixed Turret Network Camera

DS-2CD2383G2-IU

SKU: 112971    UPC: 842571000000

Hikvision 8MP AcuSense Fixed Turret Network Camera DS-2CD2383G2-I(U)

### Features

- High-quality imaging with 8 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight due to 120 dB WDR technology
- Focusing on human and vehicle classification based on deep learning
- -U: Built-in microphone for real-time audio security
- Water and dust resistant (IP67)

**Specifications**  
**Camera** Image Sensor 1/2.8" Progressive Scan CMOS Max. Resolution 3840 x 2160 Min. Illumination Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR Shutter Time 1/3 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° Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 128° 4 mm, horizontal FOV 87°, vertical FOV 46°, diagonal FOV 105° Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm: D: 88 m, O: 35 m, R: 17 m, I: 9 m 4 mm: D: 108 m, O: 43 m, R: 22 m, I: 11 m Illuminator Supplement Light Type IR Supplement Light Range Up to 30 m Smart Supplement Light Yes IR Wavelength 850 nm Video Main Stream 50 Hz: 20 fps (3840 x 2160) 25 fps (3200 x 1800, 2688 x 1520, 1920 x 1080, 1280 x 720); 60 Hz: 20 fps (3840 x 2160) 30 fps (3200 x 1800, 2688 x 1520, 1920 x 1080, 1280 x 720) Sub-Stream 50 Hz: 25 fps (640 x 480, 640 x 360) 60 Hz: 30 fps (640 x 480, 640 x 360) Third Stream 50 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360) 60 Hz: 10 fps (1920 x 1080, 1280 x 720, 640 x 480, 640 x 360), \*Third stream is supported under certain settings. 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 Scalable Video Coding (SVC) H.264 and H.265 encoding Video Compression Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264 (\*Third stream is supported under certain settings.) Region Of Interest (ROI) 1 fixed region(s) for main stream and sub-stream Audio Audio Type -U: Mono sound Audio Compression -U: G.711/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, WebSocket, WebSockets Simultaneous Live View Up to 6 channels API Open Network Video Interface (Profile S, Profile G), 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, IE 11, 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, mirror, privacy mask, 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  $\approx$  52 dB Image Enhancement BLC, HLC, 3D DNR Privacy Mask 4 programmable polygon privacy masks Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB Built-In Microphone -U: Yes Reset Key Yes Event Basic Event Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception Smart Event Line crossing detection, intrusion detection (support alarm triggering by specified target types (human and vehicle)), face detection Linkage

**KOA**

Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture  
General Power 12 VDC  $\pm$  25%, 0.5 A, max. 6 W,  $\sim$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: 802.3af, Class 3, 36 V to 57 V, 0.20 A to 0.13 A, max. 7.5 W  
Dimension  $\sim$ 127.3 mm x 95.9 mm ( $\sim$ 5.0 x 3.8) Package Dimension 150 mm x 150 mm x 141 mm (5.9" x 5.9" x 5.6")  
Approx. 600 g (1.3 lb.) With Package Weight Approx. 891 g (2.0 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