



**HIKVISION®**

## 6MP AcuSense Built-in Mic Fixed Mini Dome Network Camera with 2.8mm Lens

DS-2CD2563G2-IS (2.8mm)

SKU: 110783    UPC: 842571142242

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
- Clear imaging against strong backlight due to 120 dB WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle targets classification based on deep learning
- -S: audio and alarm interface available
- Water and dust resistant (IP67) and vandal-resistant (IK08)

### Camera

- Image Sensor 1/2.8" Progressive Scan CMOS
- Max. Resolution 3200 × 1800
- 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: -30° to 30°, 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 108.8°, vertical FOV 57.7°, diagonal FOV 129.4°; 4 mm, horizontal FOV 87.6°, vertical FOV 44.4°, diagonal FOV 104.9°
- Lens Mount M12
- Iris Type Fixed
- Aperture F1.6
- Depth Of Field 2.8 mm: 1.5 m to ∞; 4 mm: 1.9 m to ∞

### DORI

- DORI 2.8 mm: D: 88 m O: 35 m R: 18 m I: 9 m; 4 mm, D: 118 m, O: 47 m, R: 24 m, I: 12 m

### Illuminator

- Supplement Light Type IR
- Supplement Light Range Up to 30 m
- Smart Supplement Light Yes
- IR Wavelength 850 nm

### Video

**KOA**

- Main Stream 50 Hz: 20 fps (3200 × 1800); 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720); 60 Hz: 20 fps (3200 × 1800); 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)
- 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
- 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
- Region Of Interest (ROI) 1 fixed region for main stream and sub-stream

## Audio

- Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
- Audio Bit Rate 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 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
- Environment Noise Filtering Yes

## Network

- Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PP PoE
- 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)
- 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 ? 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 memory card slot, support microSD card, up to 256 GB
- Built-In Microphone Yes
- 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 -IS: 1 input, 1 output (max. 12 VDC, 20 mA)
- Reset Key Yes

## General

- Power 12 VDC  $\pm$  25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: 802.3af, Class 3, 36 V to 57 V, 0.19 A to 0.12 A, max. 7 W
- Dimension Ø110 mm x 57.4 mm (Ø 4.3" x 2.3")
- Package Dimension 134 mm x 134 mm x 108 mm (5.3" x 5.3" x 4.3")
- Approx. 375 g (0.8 lb.)
- With Package Weight Approx. 610 g (1.3 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, password reset via email, pixel counter