DS-2CD2063G2-I(U)
6 MP AcuSense Fixed Bullet Network Camera

AcuSense

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.

- High quality imaging with 6 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)

▪ Specification

Camera	
Image Sensor	1/2.4" 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: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°

Lens	
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 105°, vertical FOV:55°, diagonal FOV 127°
	4 mm, horizontal FOV 78°, vertical FOV:38°, diagonal FOV 96°
	6 mm, horizontal FOV 51°, vertical FOV:26°, diagonal FOV 59°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6

DORI	
DORI	2.8 mm: D: 76 m, O: 30 m, R: 15 m, I: 7 m
	4 mm: D: 115 m, O: 45 m, R: 23 m, I: 11 m
	6 mm: D: 164 m, O: 65 m, R: 32 m, I: 16 m

Illuminator	
Supplement Light Type	IR
Supplement Light Range	Up to 40 m
Smart Supplement Light	Yes
IR Wavelength	850 nm

Video	
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 (1280 x 720, 640 × 480, 640 × 360)
	60 Hz: 30 fps (1280 x 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.264+/H.265+
	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
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	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC

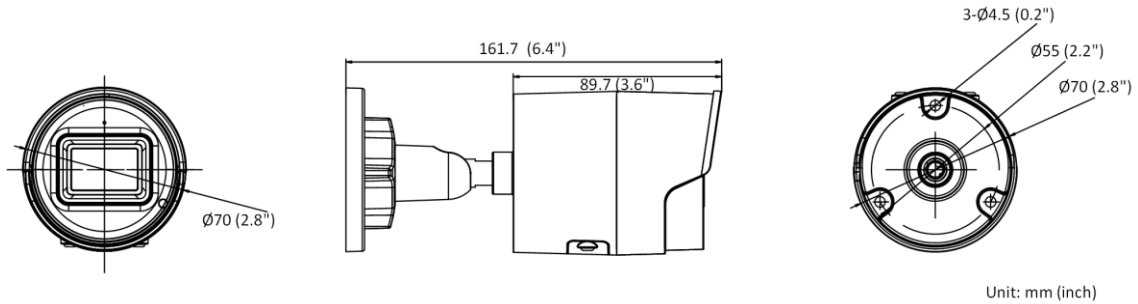|	
Audio Bit Rate	-U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/16 Kbps to 64 Kbps (AAC-LC)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	-U: Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP v2c/v3, WebSocket, WebSockets, SRTP, SFTP
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log , TLS 1.1/1.2/1.3, host authentication (MAC address)
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+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
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
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 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 card, up to 512 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 (support alarm triggering by specified target types (human and vehicle)) Face detection
Linkage	Upload to FTP/memory card/NAS, notify surveillance center, trigger recording, trigger capture, send email

▪ Available Model

DS-2CD2063G2-I (2.8/4/6 mm)

DS-2CD2063G2-IU (2.8/4/6 mm)

DS-2CD2063G2-IU (2.8 mm) (Black)

▪ Dimension

3-Ø4.5 (0.2")
Ø55 (2.2")
Ø70 (2.8")

161.7 (6.4")
89.7 (3.6")

Ø70 (2.8")

Unit: mm (inch)

▪ Accessory

▪Optional

DS-1280ZJ-XS Junction Box	DS-1280ZJ-XS (Black) Junction Box

Please choose accessories of the same color as the camera.