8MP 4K IR FIXED BULLET NETWORK CAMERA



Short Description

The Hikvision DS-2CD1083G0-I is an 8MP 4K Fixed Bullet Network Camera designed to deliver ultra-high-definition surveillance with excellent image clarity. Featuring H.265+ compression, 120 dB True WDR, EXIR 2.0 infrared night vision, and IP67 weatherproof protection, it is ideal for residential, commercial, and industrial security applications.

Key Feature

- Model Number: DS-2CD1083G0-I
- Brand: Hikvision
- Category: Internet Protocol (IP) Camera
- Availability: Available

Product Information

Model Number	DS-2CD1083G0-I
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1083G0-I is a professional-grade 8MP network bullet camera that provides crystal-clear 4K UHD video surveillance. Equipped with a 1/2.8" Progressive Scan CMOS sensor and a maximum resolution of 3840 × 2160 pixels, it captures highly detailed images suitable for monitoring entrances, parking lots, warehouses, offices, and residential properties.

The camera utilizes advanced H.265+ video compression technology, significantly reducing bandwidth and storage requirements while maintaining excellent image quality. Its 120 dB True Wide Dynamic Range (WDR) technology ensures clear images in challenging lighting environments where both bright and dark areas are present.

For nighttime surveillance, the DS-2CD1083G0-I incorporates Hikvision's EXIR 2.0 infrared technology, providing uniform illumination and clear imaging up to 30 meters in complete darkness. Smart IR functionality helps prevent overexposure of nearby objects, ensuring balanced night-time images.

Built with an IP67-rated weatherproof housing, the camera is protected against dust, rain, and harsh environmental conditions, making it suitable for outdoor installations. The camera also supports PoE (Power over Ethernet), simplifying installation by transmitting both power and data through a single network cable.

Whether deployed for home security, business monitoring, retail surveillance, or industrial protection, the Hikvision DS-2CD1083G0-I offers reliable 24/7 performance with exceptional 4K image quality.

Technical Specifications

Camera Specifications	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	3840*2160
Min. Illumination	Color: 0.01 Lux @ (F2.0, 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 and 4 mm optional
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 108°, vertical FOV 60°, diagonal FOV 127° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.0
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: 12.5 fps (3840 × 2160), 20 fps (2592 × 1944), 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160), 20 fps (2592 × 1944), 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)
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR
Region of Interest (ROI)	1 fixed region for main stream
video	
H.264 Type	Baseline Profile,Main Profile,High Profile
Network	
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile T, Profile G (only -F model supports)),ISAPI,SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, HTTPS, RTP, RTSP, NTP, UPnP, IGMP, IPv6, UDP, QoS, Bonjour, FTP, SMTP
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Client	iVMS-4200,Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+

Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day,Night,Auto,Schedule
Image Enhancement	BLC,HLC,3D DNR
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Privacy Mask	4 regions of privacy mask
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection , video tampering alarm, exception
Linkage	Notify surveillance center, trigger capture
General	
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
Material	PLASTIC & METAL
Dimension	170.8 mm × 66 mm × 69.1 mm (6.7" × 2.6" × 2.7")
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)