4K 8 MP FIXED DOME NETWORK CAMERA



Short Description

The Hikvision DS-2CD1183G0-I is an 8MP 4K fixed dome network camera designed for reliable indoor and outdoor surveillance. Featuring H.265+ video compression, 120 dB True WDR, and EXIR infrared night vision up to 30 meters, this camera delivers crystal-clear images while reducing bandwidth and storage requirements. Its IP67 weatherproof and IK10 vandal-resistant housing makes it ideal for homes, offices, retail stores, warehouses, and commercial security applications.

Key Feature

- High quality imaging with 8 MP resolution
- 1/2.8" Progressive Scan CMOS sensor
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to 120 dB WDR
- Water and dust resistant (IP67) and vandal resistant (IK10)
- EXIR 2.0: advanced infrared technology with long IR range
- 3D DNR, BLC, and HLC image enhancement

Product Information

Model Number	DS-2CD1183G0-I
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1183G0-I is a professional-grade 8MP 4K IP dome camera engineered to provide superior image quality and dependable security monitoring. Equipped with a 1/2.8" Progressive Scan CMOS sensor and a maximum resolution of 3840 × 2160, it captures highly detailed video for effective identification and evidence collection.

Built with advanced H.265+ compression technology, the camera significantly reduces storage consumption and network bandwidth while maintaining excellent video quality. Its 120 dB True Wide Dynamic Range (WDR) ensures balanced images even in challenging lighting conditions such as entrances, windows, and areas with strong backlight.

For nighttime surveillance, the DS-2CD1183G0-I incorporates EXIR infrared technology with an illumination range of up to 30 meters, providing clear black-and-white images even in complete darkness. The camera supports motion detection, video tampering alarms, and multiple image enhancement features including 3D DNR, BLC, and HLC.

Its rugged IP67-rated weatherproof design and IK10 vandal-resistant construction make it suitable for both indoor and outdoor environments. Power can be supplied through 12V DC or PoE (802.3af), simplifying installation and reducing cabling costs.

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 355°, tilt: 0° to 75°
Lens	
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/ Sub-stream: H.265/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
Network	
Security	Password protection, complicated password, HTTPS encryption, watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S), 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+
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	Metal & Plastic
Package Dimension	134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)