2 MP VARIFOCAL DOME NETWORK CAMERA



Short Description

The Hikvision DS-2CD1723G0-I(Z) is a 2 MP varifocal dome network camera with a motorized 2.8–12 mm lens, EXIR night vision, and Digital WDR for clear imaging day and night. Featuring H.265+ compression, up to 256 GB local storage, and IP67/IK10-rated durability, it's a reliable choice for both indoor and outdoor surveillance.

Key Features:

- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to DWDR technology
- Up to 256 GB SD card slot for storage
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Water and dust resistant (IP67), vandal proof (IK10)
- EXIR 2.0: advanced infrared technology with long IR range

Product Information

Model Number	DS-2CD1723G0-I(Z)
Brand	Hikvision
Category	Internet Protocol (IP) Camera
Availability	Available
Price Type	Contact for price

Description

The Hikvision DS-2CD1723G0-I(Z) is a 2 MP varifocal dome network camera built for businesses and property owners who need flexible, reliable HD surveillance. Powered by a 1/2.7" progressive scan CMOS sensor, it delivers Full HD 1920×1080 resolution with clear, detailed footage in a wide range of lighting conditions, including near-total darkness thanks to a minimum illumination of 0.005 Lux in color mode and 0 Lux with IR enabled.

Its standout feature is the 2.8 to 12 mm motorized varifocal lens, letting installers remotely adjust zoom and focus for precise framing without physically repositioning the camera — ideal for entrances, corridors, parking areas, and perimeter monitoring. EXIR 2.0 infrared technology extends night-vision range for consistent 24/7 coverage, while Digital WDR keeps footage clear even in strong backlighting.

Efficient H.265+ compression significantly cuts bandwidth and storage needs without sacrificing image quality, and the camera also supports H.265, H.264+, and H.264 for broad system compatibility. A built-in microSD slot (up to 256 GB) enables local recording as a backup against network downtime. Rated IP67 for water and dust resistance and IK10 for vandal resistance, this dome camera is engineered to perform reliably indoors or outdoors, in demanding environments. With PoE support for simplified installation, it's a practical, durable choice for offices, warehouses, retail spaces, and residential properties alike.

Technical Specifications

Camera Specifications	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @(F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Wide Dynamic Range (WDR)	Digital WDR
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 355°
Lens	
Lens Type	Varifocal Lens, motorized lens, 2.8 to 12 mm
Focal Length & FOV	2.8 to 12 mm: horizontal FOV 96° to 36°, vertical FOV 51° to 20°, diagonal FOV 113° to 42°
Lens Mount	Ø14
Iris Type	Fixed
Aperture	F1.6
Illuminator	
IR Wavelength	850nm
IR Range	Up to 30m
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720), 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)

Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Compression	-S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	-S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, Schedule, Day, Night

Image Enhancement	BLC, 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
Audio	-S: 1 input (line in), 1 output (line out), mono sound
Alarm	-S: 1 input,1 output, max. 12 VDC, 30 mA
Reset Key	Yes
Event	
Basic Event	Motion detection, video tampering alarm, exception
Linkage	-S: Upload to FTP, notify surveillance center, send email, upload to memory card, trigger recording, trigger capture, trigger alarm output
General	
Power	12 VDC ± 25%, 0.8 A, max. 10 W, Ø5.5 mm coaxial power plug PoE: (802.3af, Class 3, 36 V to 57 V), 0.2 A to 0.32 A, max. 11.5 W
Package Dimension	140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1 ")
Startup and Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter