

DS-2CD2123G0-I

2 MP Outdoor IR Fixed Dome Camera



- 1/2.8" (2 MP) Progressive Scan CMOS
- Up to 1920 x 1080 Resolution
- 2.8 mm and 4 mm Fixed Lens Options
- EXIR 2.0 Range Up to 100 ft (30 m)
- H.265+/H.265/H.264+/H.264
- 120 dB WDR
- IP67, IK10 Protection
- Durable Metal Housing
- 12 VDC \pm 25% (PoE, 802.3af), Max. 7.5 W

The Hikvision DS-2CD2123G0-I Outdoor IR Fixed Dome Camera provides high definition network output. It supports H.265+ video compression technology, which assures savings in bandwidth and storage.

The camera has an EXIR 2.0 range of up to 100 feet (30 meters).

The 2.8 mm and 4 mm lens options are optimized for viewing angles that fit any situation.

Available models:

DS-2CD2123G0-I: 2.8 mm lens











DS-2CD2123G0-I: 4 mm lens



Specifications

DS-2CD2123G0-I	
Camera	
Image Sensor	1/2.8" (2 MP) progressive scan CMOS
Minimum Illumination	Color: 0.028 Lux @ (f/2.0, AGC on)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day/Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	120 dB
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°
Lens	
Focal Length	2.8 mm and 4 mm fixed lens options
Aperture	f/2.0
Focus	Manual
FOV	2.8 mm: Horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm: Horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°
Lens Mount	M12
IR	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264; sub-stream: H.265+/H.265/H.264+/H.264/MJPEG
H.264 Type	Main profile/high profile
H.264+	Main stream and sub-stream support
H.265 Type	Main profile
H.265+	Main stream and sub-stream support
Video Bit Rate	256 Kbps to 16 Mbps
Audio Compression	6.711/6.722.1/6.726/MP2L2/PCM
Audio Bit Rate	64 kbps (6.711)/16 kbps (6.722.1)/16 kbps (6.726)/32 to 192 kbps (MP2L2)
Smart Features	
Behavior Analysis	Line crossing detection, intrusion detection
Face Detection	Yes
Region of Interest	One fixed region for main stream and sub-stream
Image	
Maximum Resolution	1920 × 1080
Main Stream	30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	30 fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC, 3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or Web browser
Target Cropping	No
Day/Night Switch	Day/night/auto/schedule
Network	
Network Storage	Supports microSD/SDHC/SDXC card (128 GB), local storage, NAS (NFS/SMB/CIFS), and ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTPC, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users; three levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	IE 8+, Chrome 31 to 44, Firefox 30.0 to 51, Safari 8.0+
Interface	
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
General	
Operating Conditions	-22° to 140° F (-30° to 60° C); humidity: 95% or less (non-condensing)
Power Supply	12 VDC ±25%, Ø5.5 mm coaxial power plug; PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, maximum: 6 W; PoE: (802.3af, 37 V to 57 V), 0.2 A to 0.1 A, maximum: 7.5 W
Protection Level	IP67, IK10, TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal
Dimensions	Ø4.4" × 3.2" (Ø111 mm × 82.4 mm)
Weight	1.30 lbs (610 g)

Accessories (Not Included)

Not Included						
						
WMS Wall Mount Short	WM110 Wall Mount	PM Pole Mount	CM Corner Mount	AB110 Angled Base	CB110 Conduit Base	SRS Sun/Rain Shield
Not Included		Included				
						
PC110 110 mm Pendant Cap	CPM Ceiling Pendant Mount	Adapter Plate Use to wall mount camera to single gang box				

Box Contents (Subject to Change without Notice)

Quick Start Guide x 2

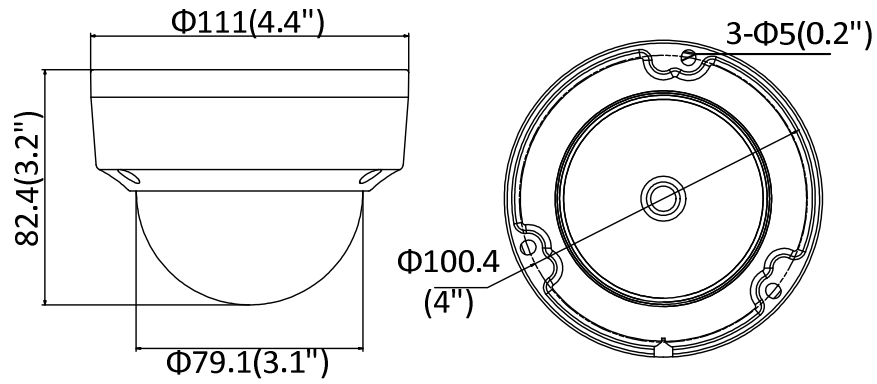
Screws

Watertight Cable Connector

Wrench

Adapter Plate (may be attached to camera)

Dimensions



Unit: mm (inch)