

## DS-2CD2023G0-I

### 2 MP Outdoor IR Fixed Bullet Camera



- 1/2.8" (2 MP) Progressive Scan CMOS
- 1920 x 1080 Resolution @ 30 fps
- EXIR 2.0 Range Up to 100 ft (30 m)
- 2.8 mm or 4 mm Fixed Lens
- H.265+, H.265, H.264+, H.264
- 120 dB True WDR
- MicroSD Card Slot Supports 128 GB
- IP67 Protection
- Durable Metal Housing
- 12 VDC and PoE (802.3af)

The Hikvision DS-2CD2023G0-I Outdoor IR Fixed Bullet Camera provides high definition network output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is equipped with 2.8 mm and 4 mm fixed lenses, and offers an EXIR 2.0 range of up to 100 ft (30 m).

Smart features such as line crossing and intrusion detection are supported.

**Available models:**

DS-2CD2023G0-I: 2.8 mm or 4 mm lens



# Specifications

DS-2CD2023G0-I	
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, AGC on), 0 lux with IR
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	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focal Length	2.8 mm or 4 mm fixed lens
Aperture	f/2.0
Focus	Manual
FOV	2.8 mm: Horizontal FOV: 103°, vertical FOV: 59°, diagonal FOV: 118° 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, third stream: H.265+/H.265/H.264+/H.264
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
Smart Features	
Behavior Analysis	Line crossing detection, intrusion detection
Exception Detection	Yes
Region of Interest	One fixed region for main stream and sub-stream
Image	
Maximum Resolution	1920 x 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, AGC, and white balance are adjustable by client software or Web browser
Target Cropping	No
Day/Night Switching	Auto/schedule
Network	
Network Storage	MicroSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS, SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1x, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, 5 streams and up to 5 custom streams, heartbeat, password protection, privacy mask, watermark, and IP address filtering
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users. 3 user levels: administrator, operator, and user
Client	iVMS-4200, Hik-Connect
Web Browser	IE 8+, Chrome 31.0 to 44, Firefox 30.0 to 51, Safari 8.0+
Interface	
Communication Interface	1-port RJ-45 10M/100M self-adaptive Ethernet port
Video Output	No
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, TVS 2000V lightning protection, surge protection, and voltage transient protection
Material	Metal
Dimensions	Ø2.8" x 6.1" (Ø70 mm x 155.03 mm)
Weight	0.98 lbs (0.9 kg)

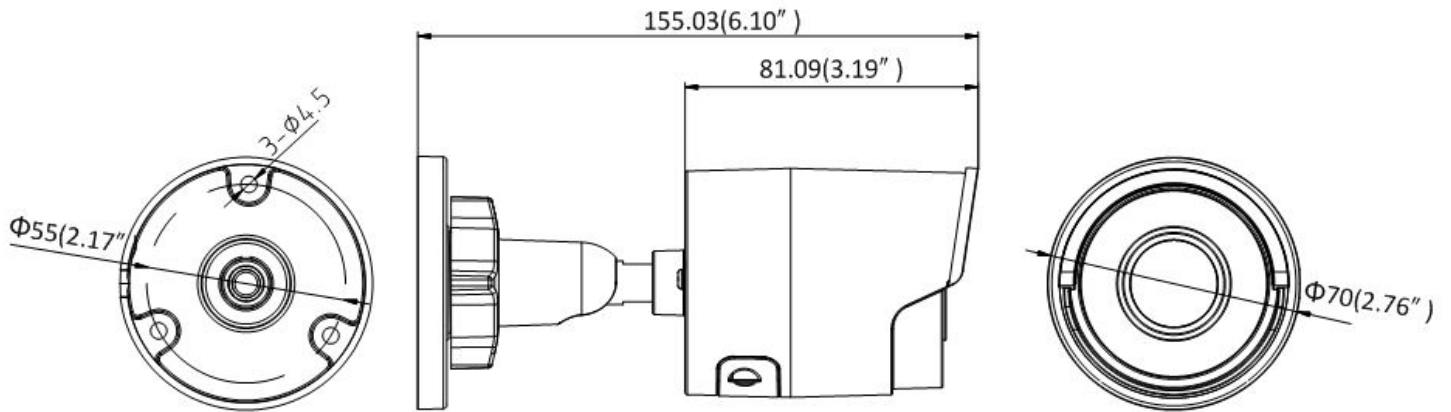
## Accessories

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## Dimensions

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## Box Contents (Subject to Change without Notice)

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Quick Start Guide x 2  
Screws  
Watertight Cable Connector