

## DS-2CD1043G0-I 4.0 MP IR Network Bullet Camera



### Key Features

- 1/3" progressive scan CMOS
- 2560 × 1440@20fps
- 2.8 mm/4 mm/6 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 120 dB WDR (Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Up to 30 m IR range
- PoE (Power over Ethernet)
- IP67

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## Camera

Image Sensor	1/3" progressive scan CMOS
Min. Illumination Color	0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
DNR (Digital Noise Reduction)	3D DNR
WDR (Wide Dynamic Range)	120 dB
Angle Adjustment (Bracket)	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°

## Lens

Focal Length	2.8 mm, 4 mm, 6 mm
Aperture	F2.0
Focus No	
2.8 mm, horizontal FOV	100°, vertical FOV 55°, diagonal FOV 117°
FOV 4 mm, horizontal FOV	77°, vertical FOV 42°, diagonal FOV 88°
6 mm, horizontal FOV	51°, vertical FOV 28°, diagonal FOV 58°
Lens Mount	M12

## IR

IR Range	Up to 30 m
Wavelength	850 nm

## Compression Standard

Main stream	H.265/H.264
Video Compression	
Sub stream	H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+ Main stream	supports
H.265 Type	Main Profile
H.265+ Main stream	supports
Video Bit Rate	32 Kbps to 8 Mbps

## Smart Feature-set

Region of Interest	1 fixed region for main stream and sub-stream
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## Image

Max. Resolution	2560 × 1440
Main Stream 50Hz:	20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Max. Frame Rate 60Hz:	20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream 50Hz:	25fps (640 × 480, 640 × 360, 320 × 240)
Max. Frame Rate 60Hz:	30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled
* Note:	The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream.

## Network

Network Storage	NAS (NFS, SMB/CIFS)
Alarm Trigger	Motion detection, video tampering alarm, illegal login
TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 UDP, Bonjour	

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General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address
Firmware Version	filter 5.5.3
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator, and User
Client	iVMS-4200, Hik-Connect, iVMS-5200
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
<b>General</b>	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, Max: 7 W
Protection Level	IP67 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal & Plastic
Dimensions	Camera: Ø 70 mm × 172.7mm ( 2.7" × 6.8") With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Camera: approx. 280 g (0.62 lb.) With package: approx: 530 g (1.17 lb.)

### Available Models

DS-2CD1043G0-I (2.8 mm), DS-2CD1043G0-I (4 mm), DS-2CD1043G0-I (6 mm)

### Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

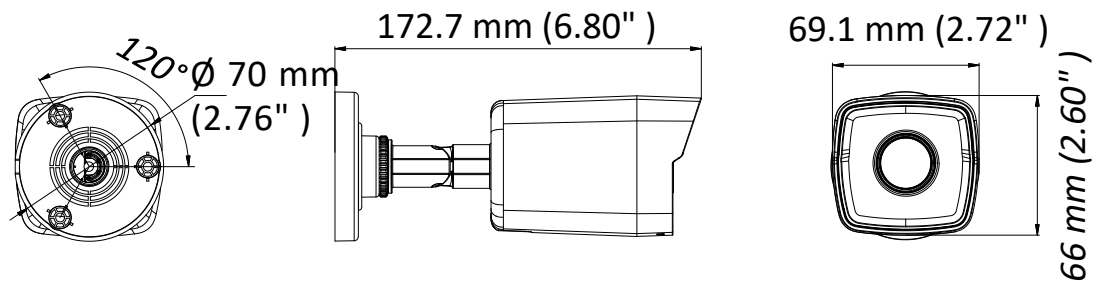
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.

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No specific protection

Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

## Dimension



## Accessory



DS-1280ZJ-XS  
Junction Box

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Solutions Design | Supply | Installations | AMC | Services

**TECHNOHEAD Security IT & Telecom Projects LLP****Address :-** 706 Siddharth Building 96, Nehru Place, New Delhi – 110019, India**Mobile :-** +91 8527590286, 9312286189**Email :-** info@technohead.in **Website :** www.technohead.in**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8816086  
salesme@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision UK**  
T +01628-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com