

DS-2CD2023G0D-IW2 2 MP Wi-Fi Network Bullet Camera



Key Features

- 1/2.8" Progressive Scan CMOS
- 1920 × 1080 Resolution
- Wi-Fi Connection
- H.265, H.265+
- Backlight Compensation
- 3D Digital Noise Reduction
- Region of Interest
- Digital Wide Dynamic Range
- IP66



Specifications

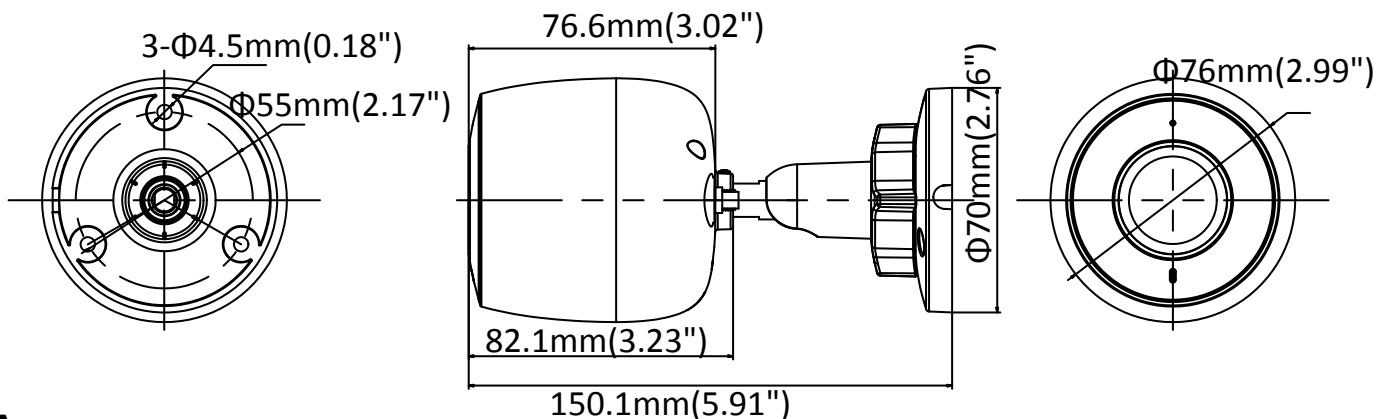
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.025 Lux @(F1.2; AGC ON) 0.07 Lux @(F2.0; AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Support
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
Wide Dynamic Range	DWDR
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focal length	2.8/4/6/8 mm
Aperture	F2.0
FOV	2.8 mm, Horizontal field of view: 114° 4 mm, Horizontal field of view: 90° 6 mm, Horizontal field of view: 54° 8 mm, Horizontal field of view: 43°
Lens Mount	M12
IR	
IR Range	10 to 30 m
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Support
H.265 Type	Main Profile
H.265+	Support
Video Bit Rate	32 Kbps to 8Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
Smart Feature-set	
Region of Interest	Support 1 fixed region for each stream
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)
Image Enhancement	BLC/3D DNR
Image Setting	Support rotate mode. Saturation, brightness, contrast and sharpness are adjustable via client software and web browser
Day/Night Switch	Auto/Schedule
Network	
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login

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	Heartbeat, mirror, password protection, privacy mask, watermark
API	ONVIF, 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+
Interface	
Audio I/O	Support (built-in Mic)
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Reset Button	Support
Wi-Fi	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.4GHz:2.412 to 2.472GHz
Channel Bandwidth	20/40MHz Support
Protocols	802.11g/n: OFDM(BPSK,QPSK,16QAM,64QAM) 802.11b: CCK 11Mbps, 5.5Mbps, QPSK 2Mbps, BPSK 1Mbps
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transfer Rates	11b/g: 54Mbps 11n:20MHz, 40MHz BW: up to 150Mbps
Wireless Range	Standard external Wi-Fi antenna: 150 meters for an open area 30 meters for transmission through the wall
Audio	
Environment Noise Filtering	Support
Audio Sampling Rate	Max. 48 kHz
General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%
Power Consumption and Current	12 VDC, 0.4A, max. 5W
Protection Level	IP66 TVS 1000V Surge Protection in power interface TVS 4000V Surge Protection in network interface
Dimensions	Φ 76 mm × 150.1 mm (Φ 2.99" × 5.91")
Weight	370g (0.82lb)
Material	Camera: Metal Front cover: Plastic

Available Model:

DS-2CD2023G0D-IW2

Dimensions



Accessory



DS-1280ZJ-XS
Junction Box

Distributed by



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