

DS-2CD2051G1-IDW1

5 MP IR Fixed Network Bullet Camera



Key Features

- 1/2.7" Progressive Scan CMOS
- 2560 × 1920 @15fps
- 2.8/4 mm fixed lens
- Wi-Fi Connection
- H.265+, H.265, H.264+, H.264
- Color: 0.01 Lux @(F1.2; AGC ON), 0.028 Lux @(F2.0; AGC ON)
- 3D Digital Noise Reduction
- Audio I/O: 1 built-in mic, mono sound
- IP66



Specifications

Camera	
Image Sensor	1/2.7" 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
Digital Noise Reduction	3D DNR
Wide Dynamic Range	DWDR
Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Focal Length	2.8/4 mm
Aperture	F2.0
Focus	No
FOV	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal field of view: 75°, vertical FOV: 55°, diagonal FOV: 98°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850nm
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+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)
Video Bit Rate	32 Kbps to 8Mbps
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Environment Noise Filtering	Yes
Smart Feature-set	
Region of Interest	Support 1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2560 × 1920
Main Stream	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC/3D DNR
Image Settings	Saturation, brightness, contrast and sharpness are adjustable via client software and web browser
Day/Night Switch	Auto/Scheduled/Day/Night

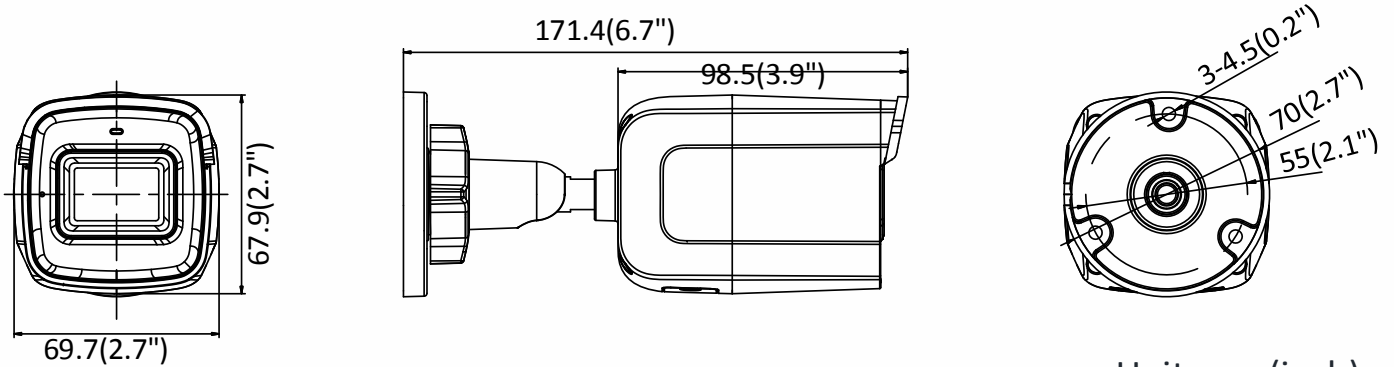
* Note: The frame rate of the sub-stream cannot exceed the maximum frame rate of the current main stream.

Network	
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD error, HDD full
Network Storage	Support built-in microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.60
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, iVMS-4500
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1 Built-in mic, mono sound
Video Out	No
Alarm I/O	No
Reset Button	Yes
Wi-Fi	
Wireless Standards	IEEE802.11b, 802.11g, 802.11n
Frequency Range	2.412 GHz - 2.472 GHz
Channel Bandwidth	20/40MHz
Protocols	802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Security	64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Transfer Rates	11b/g: 54Mbps, 11n: up to 150Mbps
Wireless Range	Up to 50 m (The performance varies based on actual environment)
Power Consumption	<20dBm
General	
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial plug power
Power Consumption and Current	12 VDC, 0.5 A, Max: 6W
Protection Level	IP66
Material	Front cover: plastic, camera body: metal
Dimensions	Camera: 69.7 mm × 67.9 mm × 171.4 mm (2.7" × 2.7" × 6.7") With package: 216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Camera: 372g (0.8lb) With package: 659g(1.5lb)

Available Model:

DS-2CD2051G1-IDW1(2.8/4 mm)

Dimensions



Unit: mm(inch)

Accessory



DS-1280ZJ-S
Junction Box

Distributed by



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