DS-2CD1023G0-I   ⊡ ♡

2 MP Fixed Bullet Network Camera

- High quality imaging with 2 MP resolution

- Efficient H.265+ compression technology

- Clear imaging even with strong back lighting due to DWDR technology

- Water and dust resistant (IP67)

- EXIR 2.0: advanced infrared technology with long IR range

Camera

Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Day &Night	IR cut filter
Wide Dynamic Range	Digital WDR
DNR	3D DNR

Lens

Lens	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
Auto-Iris	No
Aperture	F2.0
Focus	No
FOV	2.8 horizontal FOV 103°, vertical FOV 59°, diagonal FOV 118°,4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°,6 mm, horizontal FOV 54°, vertical FOV 30°, diagonal FOV 62°
Lens Mount	M12

Illuminator

IR Range	Up to 30 m
Wavelength	850 nm

Video

Max. Resolution	1920 × 1080
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.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps

Smart Feature-Set

Region Of Interest	1 fixed region for main stream and sub-stream

Image

Image Enhancement	BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser,50Hz: 25fps (640 × 480, 640 × 360, 320 × 240),60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Day/Night Switch	Auto, scheduled
Main Stream Max. Frame Rate	Main stream supports
Sub-Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720),60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)

Network

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, QoS, IPv6, UDP, Bonjour
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels

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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	IIE7+, Chrome18-42, Firefox5.0+, Safari5.02+
Alarm Trigger	Motion detection, video tampering alarm, illegal login

Interface

Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port

Compression Standard

H.264+	2.8 mm, 4 mm, 6 mm
H.265+	Main stream supports

General

Firmware Version	5.5.2
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Startup And 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)
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")
	Camera: Approx. 280 g (0.62 lb.),With package: Approx. 530 g (1.17 lb.)