DS-2CD1021-I
2 MP Fixed Bullet Network Camera



- High quality imaging with 2 MP resolution
- Efficient H.264 compression technology
- Clear imaging against strong back light due to DWDR technology
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range

▪ Specification

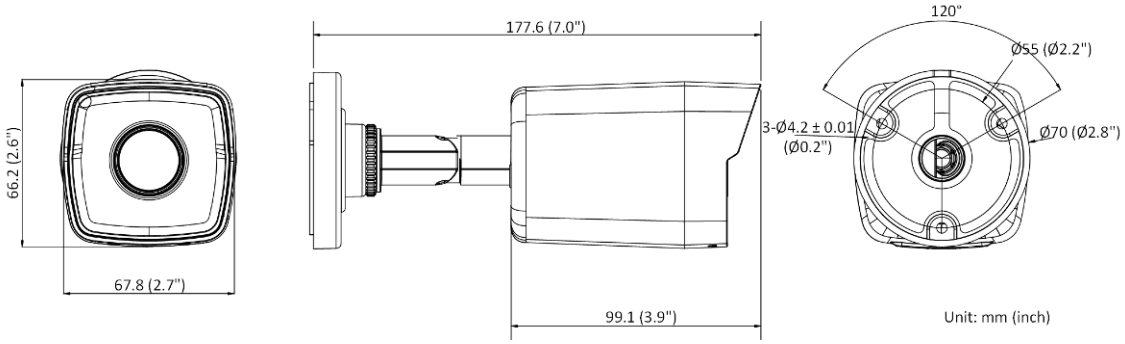
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @(F2.0, AGC ON), B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Wide Dynamic Range	Digital WDR
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 112.1°, vertical FOV 60.0°, diagonal FOV 132.2° 4 mm, horizontal FOV 90.2°, vertical FOV 48.6°, diagonal FOV 107.6°
Lens Mount	M12
Focus	Fixed
Aperture	F2.0
Illuminator	
IR Wavelength	850 nm
IR Range	Up to 30 m
Video	
Max. Resolution	1920 × 1080
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main Stream: H.264 Sub-Stream: H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main Stream supports
Region of Interest (ROI)	1 fixed region for main stream
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface, ISAPI
User/Host	Up to 32 users. 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser.
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, 3D DNR

Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection, video tampering alarm, exception
General	
Linkage Method	Upload to FTP, notify surveillance center, send email
Camera Material	Metal & Plastic
Camera Dimension	177.6 mm × 66.2 mm × 67.8 mm (7.0" × 2.6" × 2.7")
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Camera Weight	Approx. 270 g (0.6 lb.)
With Package Weight	Approx. 490 g (1.1 lb.)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity: 95% or less (non-condensing)
Web Client Language	English, Ukrainian
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.120
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.15 A, max. 6.5 W
Power Supply	12 VDC ± 25% PoE: 802.3af, Class 3
Power Interface	Ø5.5 mm coaxial power plug
Approval	
EMC	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC VoC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)

▪ Available Model

DS-2CD1021-I(2.8/4 mm)

▪ Dimension



▪ Accessory

▪ Optional

DS-1280ZJ-XS Junction Box


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