HIKVISION

DS-2CD3D123G2-LIUF(RE)#TUR
2 MP Smart Hybrid Light Fixed Dome Network Camera

- High quality imaging with 2 MP resolution
- Support Human Detection
- Efficient H.265+ compression technology
- Smart Hybrid Light: advanced technology with long range coverage
- Built-in microphone for real-time audio security
- -F model supports on-board storage up to 512 GB (SD card slot)

▪ Specification

Camera	
Image Sensor	1/2.9" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.01 Lux @ (F2.2, AGC ON),B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°,tilt: 0° to 75°,rotate: 0° to 355°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 101°, vertical FOV 56°, diagonal FOV 118° 4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.2
DORI	
DORI	2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 m
Illuminator	
Supplement Light Type	IR,White Light
Supplement Light Range	IR: up to 20 m White Light: up to 15 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
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.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile,Main Profile,High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR,VBR
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Type	Mono sound
Audio Bit Rate	64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711ulaw/AAC-LC
Network	
API	Open Network Video Interface (Profile S, Profile T, Profile G (-F model supports)),ISAPI,SDK

Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP,NTP, IGMP, IPv4, IPv6, UDP, QoS
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200,Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Day/Night Switch	Day,Night,Auto,Schedule
Image Enhancement	BLC,HLC,3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Privacy Mask	1 programmable polygon privacy mask
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	-F model: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Built-in Microphone	Yes,1 built-in microphone
Reset Key	-F model supports
Event	
Basic Event	Motion detection (support alarm triggering by specified target type (human)), exception
Linkage	Upload to memory card (-F model supports), send email, notify surveillance center, trigger recording (-F model supports), trigger capture
General	
Power	12 VDC ± 25%, 0.45 A, max. 5.4 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7 W
Material	Plastic
Dimension	Ø121.5 mm × 97.6 mm (Ø4.78" × 3.84")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	Approx. 600 g (1.2 lb.)
With Package Weight	Approx. 790 g (1.7 lb.)
Storage Conditions	-10 °C to 40 °C (14 °F to 104 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-10 °C to 40 °C (14 °F to 104 °F). Humidity 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Heartbeat,anti-banding,mirror,password protection,password reset via email

Approval	
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, KC: KN32: 2015, KN35: 2015
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006

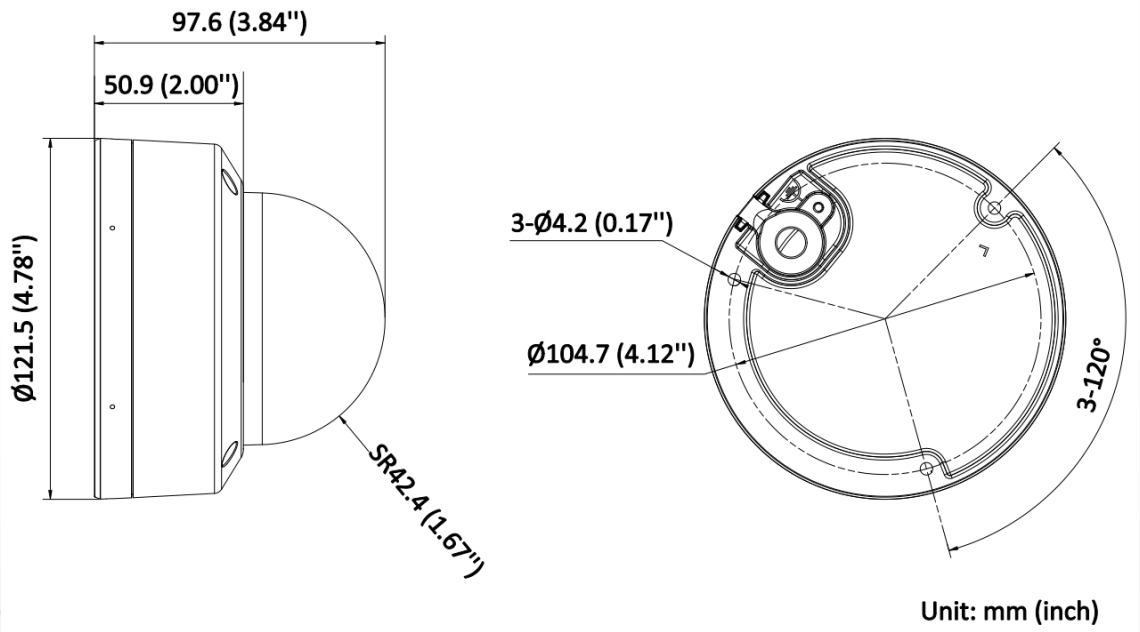
▪ Typical Application

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

▪ Dimension

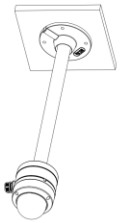
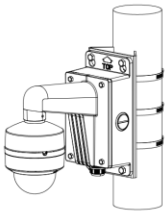
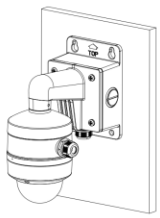


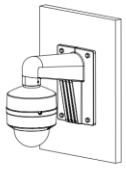
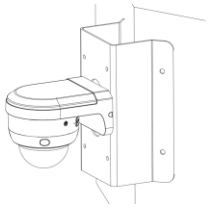
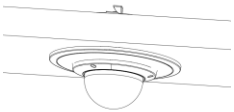
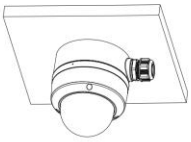
▪ Accessory

▪ Optional

DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1475ZJ-SUS	DS-1272ZJ-120B	DS-1276ZJ-SUS
DS-4221ZJ-WC	**DS-220AZJ-130-WA**	**DS-1272ZJ-120**	**DS-220AZJ-145-WA**	**DS-1275ZJ-S-SUS**
DS-1476ZJ-SUS	**DS-1280ZJ-DM46**			

▪ Installation Methods

Pendant Mounting DS-1271ZJ-120+DS-1280ZJ-DM46	Vertical Pole Mounting DS-1275ZJ-SUS+DS-1272ZJ-120B	Vertical Pole Mounting DS-1475ZJ-SUS+DS-220AZJ-145-WA	Vertical Pole Mounting DS-1275ZJ-S-SUS+DS-220AZJ-130-WA	Wall Mounting DS-1272ZJ-120B+DS-1280ZJ-DM46
				
Wall Mounting DS-220AZJ-130-WA	**Wall Mounting DS-1272ZJ-120**	**Wall Mounting DS-220AZJ-145-WA**	**Corner Mounting DS-1276ZJ-SUS+DS-1272ZJ-120+DS-1280ZJ-DM46**	**Corner Mounting DS-1476ZJ-SUS+DS-220AZJ-130-WA**

				
In-Ceiling Mounting DS-4221ZJ-WC	**Junction Box DS-1280ZJ-DM46**			
				

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