DS-2CD1147G0-UF
4 MP ColorVu Fixed Dome Network Camera

ColorVu

Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 4 MP resolution

- Excellent low-light performance

- Efficient H.265+ compression technology

- Water and dust resistant (IP67) and vandal resistant (IK08)

- 24/7 colorful imaging

▪ Specification

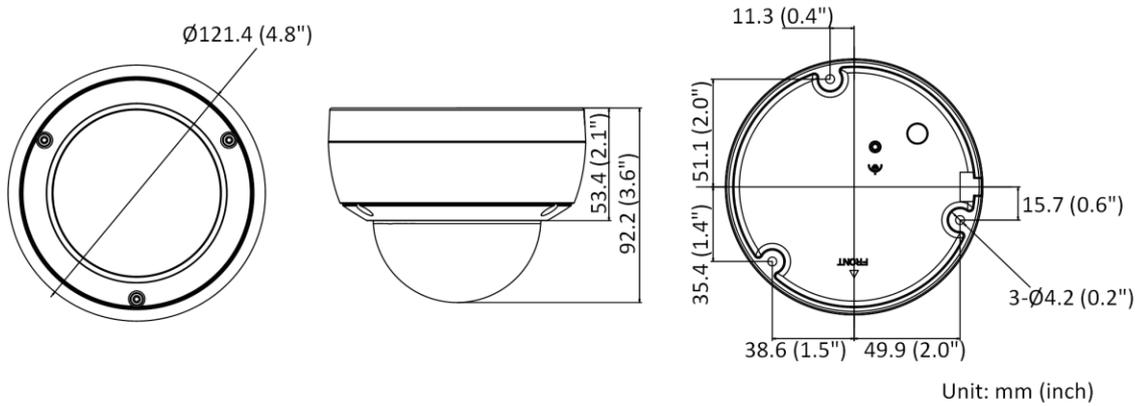| Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Day & Night	24/7 Colorful imaging
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 96.5°, vertical FOV 50.8°, diagonal FOV 113.9°
	4 mm, horizontal FOV 75.8°, vertical FOV 40.8°, diagonal FOV 89.1°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
DORI	
DORI	2.8 mm, D: 64.0 m, O: 25.4 m, R: 12.8 m, I: 6.4 m
	4 mm, D: 77.4 m, O: 30.7m, R: 15.5m, I: 7.7 m
Video	
Main Stream	50 Hz:
	20 fps (2560 × 1440),
	25 fps (1920 × 1080, 1280 × 720)
	60 Hz:
	20 fps (2560 × 1440),
	30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)
	60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	Main stream: H.265+/H.264+/H.265/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
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, IGMP, 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
Wide Dynamic Range (WDR)	120 dB
Image Enhancement	BLC, 3D DNR
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD card, up to 256 GB
Built-in Microphone	Yes
Hardware Reset	Yes
Event	
Basic Event	Motion detection, video tampering alarm, exception
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture
General	
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 coaxial power plug
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.2 A to 0.15 A, max. 6.5 W
Camera Material	Metal & Plastic
Camera Dimension	Ø121.4 mm × 92.2 mm (4.8" × 3.6")
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Camera Weight	Approx. 380 g (0.84 lb.)
With Package Weight	Approx. 600 g (1.32 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)
Language	English, Ukrainian
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Approval	
EMC	FCC-SDoC: 47 CFR Part 15, Subpart B;
	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3:2013+A1:2019, EN 50130-4: 2011+A1: 2014;
	RCM: AS/NZS CISPR 32: 2015;
	KC: KN 32: 2015, KN 35: 2015
Safety	UL: UL 62368-1;
	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
Protection	IP67,IK08

- **Available Model**

DS-2CD1147G0-UF(2.8mm)(C)

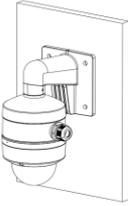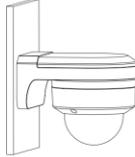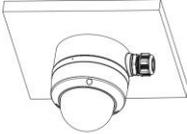DS-2CD1147G0-UF(4mm)(C)

- **Dimension**

Ø121.4 (4.8")

53.4 (2.1")
92.2 (3.6")

11.3 (0.4")
51.1 (2.0")
35.4 (1.4")
15.7 (0.6")
38.6 (1.5")　49.9 (2.0")
3-Ø4.2 (0.2")
FRONT

Unit: mm (inch)

- **Accessory**

- **Optional**

DS-1272ZJ-120B	DS-1276ZJ-SUS	DS-1272ZJ-120	DS-1275ZJ-SUS	DS-220AZJ-145-WA
DS-1280ZJ-DM46	DS-1275ZJ-S-SUS	DS-1271ZJ-120	DS-220AZJ-130-WA	

- **Installation Methods**

Wall Mounting DS-1272ZJ-120B	Wall Mounting DS-1272ZJ-120+DS-1280ZJ-DM46	Wall Mounting DS-220AZJ-145-WA	Wall Mounting DS-220AZJ-130-WA	Corner Mounting DS-1276ZJ-SUS+DS-220AZJ-145-WA

Vertical Pole Mounting **DS-1275ZJ-SUS+DS-12 72ZJ-120**	**Vertical Pole Mounting** **DS-1275ZJ-S-SUS+DS-220AZJ-130-WA**	**Junction Box** **DS-1280ZJ-DM46**	**Pendant Mounting** **DS-1271ZJ-120**

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