

DS-2CD1147G0

4 MP ColorVu Fixed Turret 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 (IK10)
- 24/7 colorful imaging



## ▪ Specification

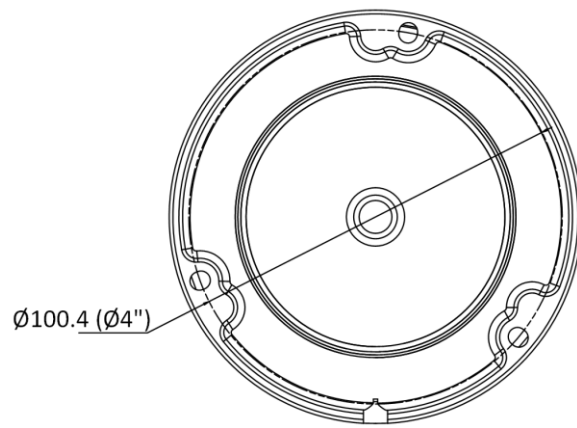
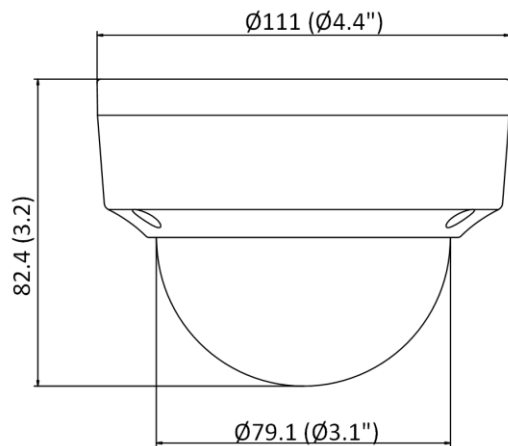
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Day & Night	24/7 Colorful imaging
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
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
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
Wide Dynamic Range (WDR)	120 dB
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
Linkage	Upload to FTP, notify surveillance center, send email, trigger capture
General	
Power	12 VDC $\pm$ 25%, 0.4 A, max. 5 W, $\varnothing$ 5.5 mm 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	$\varnothing$ 111 mm $\times$ 82.4 mm ( $\varnothing$ 4.4" $\times$ 3.2")
Package Dimension	134 mm $\times$ 134 mm $\times$ 108 mm (5.3" $\times$ 5.3" $\times$ 4.3")
Camera Weight	Apprx. 550 g (1.2 lb.)
With Package Weight	Approx. 800 g (1.8 lb.)
Storage Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity: 95% or less (non-condensing)
Startup and Operating Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ 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: IEC 60529-2013

#### ▪ Available Model

DS-2CD1147G0 (2.8/4 mm)

▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

<b>DS-1272ZJ-110B</b> Wall mount	<b>DS-1271ZJ-110</b> Pendant Mount	<b>DS-1250ZJ</b> Water-proof	<b>DS-1253ZJ-M</b> Water-proof	<b>DS-1272ZJ-110</b> Wall mount
				
<b>DS-1275ZJ-SUS</b> Vertical pole mount	<b>DS-1259ZJ</b> Inclined ceiling mount	<b>DS-1280ZJ-DM18</b> Junction box	<b>DS-1258ZJ</b> Wall mount	<b>DS-1276ZJ-SUS</b> Corner mount
				

Distributed by

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