

HIKVISION®

HiWatch Series

HWI-D129H
2 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 2 MP resolution
- Excellent low-light performance
- Efficient H.265+ compression technology
- Water and dust resistant (IP67) and vandal resistant (IK10)
- 24/7 color imaging



www.hikvision.com

▪ Specification

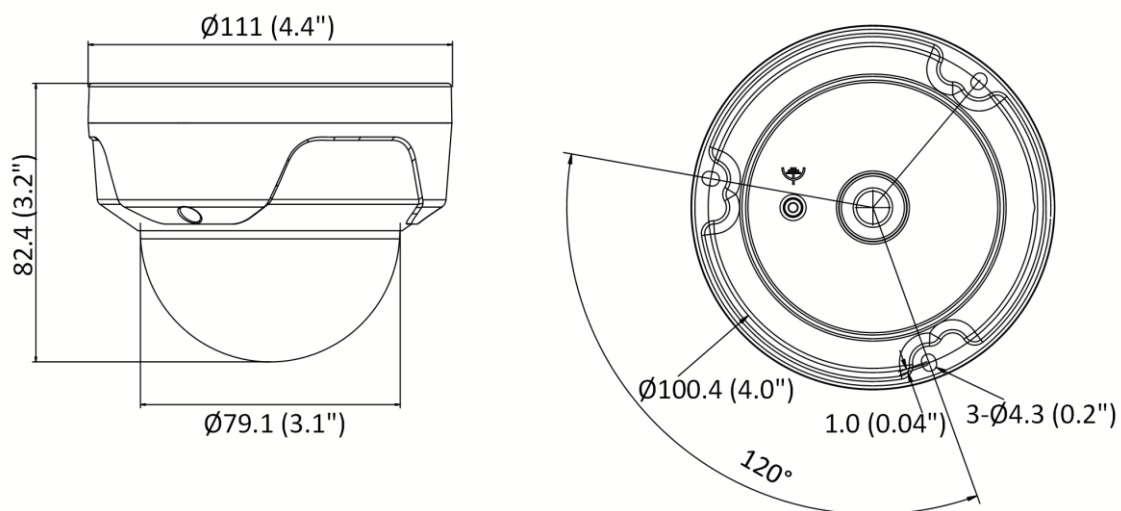
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.001 Lux @(F1.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Day & Night	24/7 color imaging
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 105.2°, vertical FOV 56.5°, diagonal FOV 125.1° 4 mm, horizontal FOV 83.6°, vertical FOV 46.2°, diagonal FOV 97.5°
Lens Mount	M12
Aperture	F1.0
DORI	
DORI	2.8 mm, D: 44.1 m, O: 17.5 m, R: 8.8 m, I: 4.4 m 4 mm, D: 53.4 m, O: 21.2 m, R: 10.7 m, I: 5.3 m
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.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)	Digital WDR
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	
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), 0.15 A to 0.2 A, max. 6.5 W
Linkage Method	Upload to FTP, notify surveillance center, send email, trigger capture
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	Approx. 550 g (1.2 lb.)
With Package Weight	Approx. 800 g (1.8 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
Approval	
EMC	CE-EMC (EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3:2013+A1:2019, EN 50130-4: 2011 +A1: 2014)
Safety	CE-LVD (EN 62368-1:2014/A11:2017)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)

▪ Available Model

HWI-D129H (2.8/4 mm)

▪ Dimension



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

DS-1276ZJ-SUS Corner Mount	DS-1259ZJ Inclined Ceiling Mount	DS-1258ZJ Wall Mount	DS-1272ZJ-110 Wall Mount	DS-1280ZJ-DM18 Junction Box
				
DS-1271ZJ-110 Pendant Mount	DS-1253ZJ-M Water-proof	DS-1272ZJ-110B Wall Mount	DS-1275ZJ-SUS Vertical Pole Mount	DS-1250ZJ Water-proof
				



Distributed by



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