

HIKVISION[®]

HiWatch Series

HWI-D120H(-M) 2.0 MP IR Network Dome Camera



Key Features

- 1/2.8" progressive scan CMOS
- 1920 × 1080@30fps
- 2.8 mm/4 mm fixed lens
- H.265+, H.265, H.264+, H.264
- Dual stream
- 3D DNR
- Up to 30 m IR range
- PoE
- IP67, IK10



www.hikvision.com

Specification

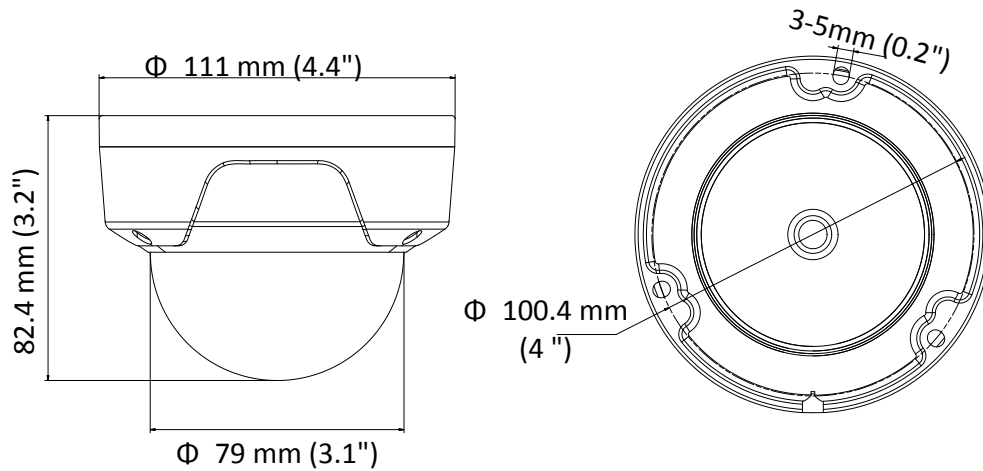
Camera	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100, 000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	DWDR
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
Lens	
Focal Length	2.8 mm, 4 mm
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850 nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-set	
Region of Interest	1 fixed region for main stream and sub-stream
Image	
Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled, day, night
Network	
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels

User/Host	Up to 32 users 3 levels: Administrator, Operator, and User
Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, Max: 6.5 W
Ingress Protection	IP67, IK10
Material	Without -M model: Bubble: plastic, front cover: plastic, bottom base: metal -M model: Bubble: plastic, front cover: metal, bottom base: metal
Dimensions	Camera: Ø 111 mm × 82.4 mm (Ø 4.4" × 3.2") With package: 134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")
Weight	Without -M model: Camera: Approx. 410 g (0.9 lb.) With package: Approx. 610 g (1.3 lb.) -M model: Camera: Approx. 453 g (1 lb.) With package: Approx. 662 g (1.5 lb.)

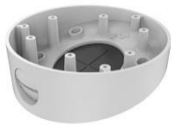
Available Models

HWI-D120H (2.8/4 mm), HWI-D120H-M (2.8/4 mm)

Dimension



Accessory



DS-1281ZJ-DM23
Inclined ceiling mount



DS-1275ZJ-SUS
Vertical Pole Mount



DS-1273ZJ-135
Wall Mount



DS-1273ZJ-135B
Wall Mount



DS-1271ZJ-135

Distributed by Pendant Mount



DS-1276ZJ-SUS
Corner Mount



DS-1280ZJ-DM21
Junction Box



DS-1250ZJ
Rain Shade

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