

HIKVISION®

HiWatch Series

HWI-D140H(-M) 4 MP Fixed Dome Network Camera



- High quality imaging with 4 MP resolution
- Efficient H.265+ compression technology to save bandwidth and storage
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (IP67) and vandal resistant (IK10)
- 3D DNR technology delivers clean and sharp images
- Easy installation with Power over Ethernet (PoE) technology



www.hikvision.com

▪ Specification

Camera	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR cut filter
Wide Dynamic Range	120 dB
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°
DNR	3D DNR
Lens	
Lens	2.8 mm, 4 mm
Aperture	F2.0
Focus	Fixed
FOV	2.8 mm, horizontal FOV 98°, vertical FOV 53°, diagonal FOV 115° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 91°
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Network	
Alarm Trigger	Motion detection, video tampering, exception (network disconnected, IP address conflict, illegal login, HDD error)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
API	Open Network Video Interface (Profile S), ISAPI, SDK
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
Web Browser	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Video	
Max. Resolution	2560 × 1440
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG
H.264 Type	Main Profile/High Profile/Baseline Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 8 Mbps
Smart Feature-Set	
Region of Interest	1 fixed region for main stream
Image	
Image Enhancement	HLC, BLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Day/Night

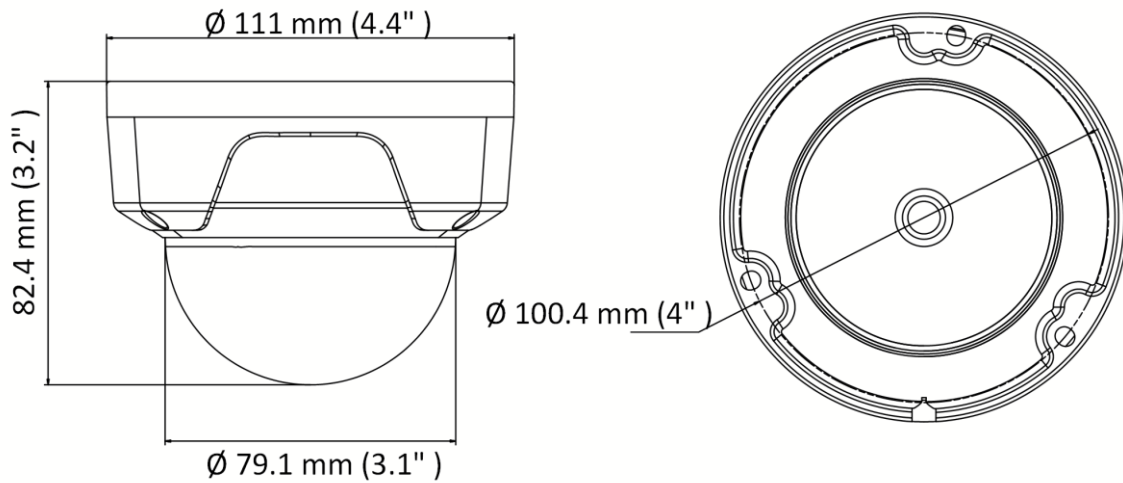
Main Stream Max. Frame Rate	50Hz: 20 fps (2560 × 1440) 25 fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2560 × 1440) 30 fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
General	
Firmware Version	V5.5.70
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 25% PoE: 802.3af, Class 3
Material	Aluminum alloy body
Dimensions	Camera: Ø111 mm × 82.4 mm (Ø4.4" × 3.2") With package: 134 mm × 134 mm × 108 mm (5.3" × 5.3" × 4.3")
Weight	Without –M model: Camera: Approx. 360 g (0.8 lb.) With package: Approx. 560 g (1.2 lb.) –M model: Camera: Approx. 430 g (0.9 lb.) With package: Approx. 620 g (1.4 lb.)
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W PoE (802.3af, 36 V to 57 V), 0.20 A to 0.15 A, max. 6.5 W
Interface Protection	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)
Interface	
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
General	
Web Client Language	English, Ukrainian

▪ **Available Model**

HWI-D140H (2.8/4 mm)

HWI-D140H-M (2.8/4mm)

▪ **Dimension**



Unit: mm (inch)

▪ **Accessory**

▪ **Optional**

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



Distributed by



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