

HWI-D640HA-Z 4 MP Varifocal Dome Network Camera





- High quality imaging with 4 MP resolution
- Support Human and Vehicle Detection
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Up to 256 GB memory card slot for storage
- Water and dust resistant (IP67) and vandal proof (IK10)
- EXIR 2.0: advanced infrared technology with long IR range
- Clear imaging even with strong back lighting due to 120 dB
 WDR technology
- Efficient H.265+ compression technology



Specification

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Camera				
Image Sensor	1/3" Progressive Scan CMOS			
Max. Resolution	2560 × 1440			
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR			
Shutter Time	1/3 s to 1/100,000 s			
Day & Night	IR cut filter			
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°			
Lens				
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm			
	2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV			
Focal Length & FOV	114.7° to 33.5°			
Lens Mount	Ø14			
Iris Type	Fixed			
Aperture	F1.6			
Illuminator				
Supplement Light Type	IR .			
Supplement Light Range	Up to 30 m			
Smart Supplement Light	Yes			
IR Wavelength	850 nm			
Video				
Video	50 Hz:			
	20 fps (2560 × 1440)			
	25 fps (1920 × 1080, 1280 × 720)			
Main Stream	60 Hz:			
	20 fps (2560 × 1440)			
	24 fps (1920 × 1080, 1280 × 720)			
	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)			
Sub-Stream	60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)			
	Main stream: H.265+/H.265/H.264+/H.264,			
Video Compression	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(s) for main stream			
Network	region(s) for main sa cam			
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP			
Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK			
OL I	Password protection, complicated password, watermark, basic and digest			
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video			
occurity	Interface, security audit log, host authentication (MAC address)			
	Up to 32 users			
User/Host	3 user levels: administrator, operator, and user			
Client	iVMS-4200, Hik-Connect			
Client	1V1V13-4200, FIIK-COIIIIECL			



	Plug-in required live view: IE 10, IE 11		
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+		
Image			
	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,		
Image Settings	adjustable by client software or web browser		
Day/Night Switch	Day, Night, Auto, Schedule		
Wide Dynamic Range (WDR)	120 dB		
Image Enhancement	BLC, HLC, 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		
Reset Key	Yes		
Event			
D : 5 .	Motion detection (support alarm triggering by specified target types (human and		
Basic Event	vehicle)), video tampering alarm, exception		
1. 1	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,		
Linkage	trigger capture		
General			
	12 VDC ± 25%, 0.8 A, max. 10 W, Ø5.5 mm coaxial power plug		
Power	PoE: 802.3af, Class 3, 36 V to 57 V, 0.32 A to 0.2 A, max. 11.5 W		
Dimension	Ø141 mm × 99.9 mm (Ø5.6" × 3.9")		
Package Dimension	140 mm × 140 mm × 154 mm (5.5" × 5.5" × 6.1")		
Weight	Approx. 820 g (1.8 lb.)		
With Package Weight	Approx. 1200 g (2.6 lb.)		
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
Startup and Operating	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
Conditions			
Language	English, Ukrainian		
General Function	Heartbeat, anti-banding, mirror, password protection, privacy mask, watermark		
Approval	FCC 47 CFD D 145 C 1 1 1 D		
5140	FCC: 47 CFR Part 15, Subpart B		
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/A1: 2017		
	CE-RoHS: 2011/65/EU		
Environment	WEEE: 2012/19/EU		
	Reach: Regulation (EC) No 1907/2006		
Protection	IP67: IEC 60529-2013		
	IK10: IEC 62262: 2002		



Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

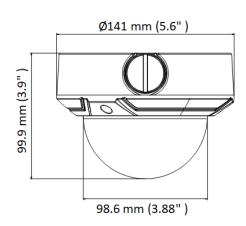
This model has NO SPECIFIC PROTECTION.

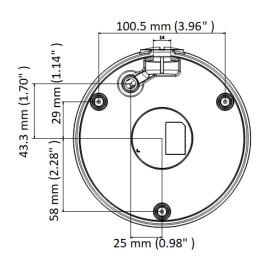
Level	Description			
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.			
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti- corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.			
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti- corrosion protection is needed.			

Available Model

HWI-D640HA-Z (2.8 to 12 mm)

Dimension





Unit: mm (inch)



Accessory

Optional

- Optional				
D20-AP Adapter Plate	DS-1473ZJ-135B Wall Mount	DS-1258ZJ-L Wall Mount	DS-1281ZJ-DM23 Inclined Ceiling Mount	DS-1280ZJ-DM21 Junction Box
DS-1227ZJ	DS-1275ZJ-SUS	DS-1273ZJ-135	DS-1253ZJ-L	DS-1271ZJ-135
In-Ceiling Mount	Vertical Pole Mount	Wall Mount	Rain Shade	Pendant Mount
DS-1250ZJ	DS-1276ZJ-SUS			
Rain Shade	Corner Mount			

Headquarters

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