

HWI-B640HA-Z 4 MP Varifocal Bullet 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)
- 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

Samera				
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 360°, tilt: 0° to 90°, rotate: 0° to 360°			
Lens				
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm			
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV			
Tocal Length & TOV	114.7° to 33.5°			
Lens Mount	Ø14			
Iris Type	Fixed			
Aperture	F1.6			
Illuminator				
Supplement Light Type	IR			
Supplement Light Range	Up to 50 m			
Smart Supplement Light	Yes			
IR Wavelength	850 nm			
Video				
Main Stream	50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)			
Sub-Stream	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)			
Video Compression	Main stream: H.265+/H.265/H.264+/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(s) for main stream			
Network				
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			
Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)			
User/Host	Up to 32 users 3 user levels: administrator, operator, and user			
Client	iVMS-4200, Hik-Connect			



Web Browser	Plug-in required live view: IE 10, IE 11			
	Local service: Chrome 57.0+, Firefox 52.0+			
Image				
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, 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, 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/microSDHC/microSDXC card, up to 256 GB			
Reset Key	Yes			
Event				
Basic Event	Motion detection (support alarm triggering by specified target types (human and			
basic Everit	vehicle)), video tampering alarm, exception			
Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,			
Lilikage	trigger capture			
General				
Power	12 VDC ± 25%, 0.9 A, max. 11 W, Ø5.5 mm coaxial power plug			
rowei	PoE: 802.3af, Class 3, 36 V to 57 V, 0.36 A to 0.23 A, max. 12.9 W			
Dimension	Ø105 mm × 244.4 mm (Ø4.1" × 9.6")			
Package Dimension	315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")			
Weight	Approx. 705 g (1.6 lb.)			
With Package Weight	Approx. 1085 g (2.4 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)			
Language	English, Ukrainian			
General Function	Heartbeat, anti-banding, mirror, password protection, privacy mask, watermark			
Approval				
	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			



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.

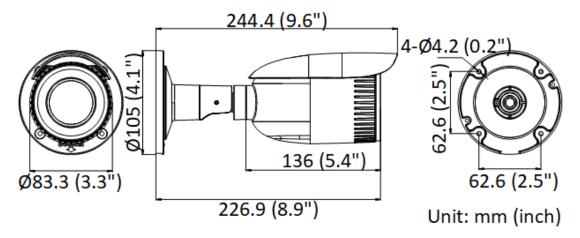
This model has NO SPECIFIC PROTECTION.

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-B640HA-Z (2.8 to 12 mm)

Dimension





Accessory

Optional

DS-1275ZJ-S-SUS	DS-1275ZJ-SUS	DS-1280ZJ-S	DS-1260ZJ	DS-1276ZJ-SUS
Vertical Pole Mount	Vertical Pole Mount	Junction Box	Junction Box	Corner Mount
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