

HWI-B180HA-LU 8 MP Smart Hybrid Light Fixed Bullet Network Camera





- High quality imaging with 8 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Efficient H.265+ compression technology
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)



Specification

Camera			
	1/2.7" Progressive Coop CMOC		
Image Sensor	1/2.7" Progressive Scan CMOS		
Max. Resolution	3840 × 2160		
Min. Illumination	Color: 0.01 Lux @ (F2.0, 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	Fixed focal lens, 2.8 and 4 mm optional		
Focal Length & FOV	2.8 mm, horizontal FOV 113°, vertical FOV 62°, diagonal FOV 134°		
room zengan a ro	4 mm, horizontal FOV 90°, vertical FOV 49°, diagonal FOV 108°		
Lens Mount	M12		
Iris Type	Fixed		
Aperture	F2.0		
DORI			
DOBI	2.8 mm, D: 79 m, O: 31 m, R: 15 m, I: 7 m		
DORI	4 mm, D: 102 m, O: 40 m, R: 20 m, I: 10 m		
Illuminator			
Supplement Light Type	IR, White Light		
Supplement Light Range	Up to 30 m		
Smart Supplement Light	Yes		
IR Wavelength	850 nm		
Video			
	50 Hz:		
	12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)		
Main Stream	60 Hz:		
	15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)		
	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360)		
Sub-Stream	60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)		
V. 1 . 0	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 16 Mbps		
H.264 Type	Baseline Profile, Main Profile, High Profile		
H.265 Type	Main Profile		
Bit Rate Control	CBR, VBR		
Scalable Video Coding (SVC)	H.264 and H.265 encoding		
Region of Interest (ROI)	1 fixed region for main stream		
Audio			
	Managaund		
Audio Type	I Mono Sound		
Audio Type Environment Noise Filtering	Mono sound Yes		
Environment Noise Filtering	Yes		
Environment Noise Filtering Audio Sampling Rate	Yes 8 kHz/16 kHz		
Environment Noise Filtering	Yes		



Network			
	Password protection, complicated password, watermark, basic and digest		
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video		
	Interface, security audit log, host authentication (MAC address)		
Simultaneous Live View	Up to 6 channels		
API	Open Network Video Interface (Profile S, Profile T), ISAPI, SDK		
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, UPnP		
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+, Edge 89+		
Image			
Wide Dynamic Range (WDR)	120 dB		
SNR	≥ 52 dB		
Day/Night Switch	Day, Night, Auto, Schedule		
Image Enhancement	BLC, HLC, 3D DNR		
	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,		
Image Settings	adjustable by client software or web browser		
Privacy Mask	4 programmable polygon privacy masks		
Interface	P -0 P - 70 - P 7		
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
Built-in Microphone	Yes		
Event			
	Motion detection (support alarm triggering by specified target types (human and		
Basic Event	vehicle)), video tampering alarm, exception		
Linkage	Upload to FTP, send email, notify surveillance center, trigger capture		
General	operation, seem, s		
	12 VDC ± 25%, 0.41 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity		
Power	protection,		
I OWEI	PoE: IEEE 802.3af, Class 3, max. 6.5 W		
Material	Metal & Plastic		
Dimension	184.1 mm × 66 mm × 69.1 mm (7.3" × 2.6" × 2.7")		
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")		
Weight	Approx. 265 g (0.6 lb.)		
With Package Weight	Approx. 495 g (1.1 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, password reset via email		
Approval			
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021		
Safety	CE-LVD: EN 62368-1: 2014/A11: 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.

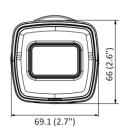
This model has NO SPECIFIC PROTECTION.

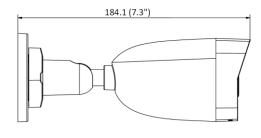
Level	Description	
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.	
Moderate protection	Hikvision products at this level are 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.	

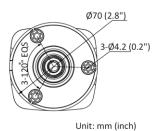
Available Model

HWI-B180HA-LU (2.8/4mm)

Dimension







Accessory

Optional

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



Headquarters

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