

IPC-B180HA-LUF/SL

8 MP Smart Hybrid Light MD 2.0 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
- Support on-board storage up to 512 GB (SD card slot)
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)

▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR
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° 4 mm, horizontal FOV 90°, vertical FOV 49°, diagonal FOV 108°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.0
DORI	
DORI	2.8 mm, D: 79 m, O: 31 m, R: 15 m, I: 7 m 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	
Main Stream	50 Hz: 12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 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 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	
Audio Type	Mono sound
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)

Network	
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)
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile T, Profile G),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,HiLookVision
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
Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,adjustable by client software or web browser
Privacy Mask	4 programmable polygon privacy masks
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 512 GB
Built-in Microphone	Yes,1 built-in microphone
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)),video tampering alarm,exception
Linkage	Upload to FTP/NAS/memory card,notify surveillance center,send email,trigger recording,trigger capture,audible warning,flashing light
General	
Power	12 VDC ± 25%, 0.66 A, max. 8 W,Ø5.5 mm coaxial power plug,reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9.5 W
Material	Metal & Plastic
Dimension	179 mm × 67.4 mm × 69.1 mm (7.1" × 2.7" × 2.7")
Package Dimension	216 mm × 121 mm × 118 mm (8.5" × 4.8" × 4.6")
Weight	Approx. 280 g (0.6 lb.)
With Package Weight	Approx. 475 g (1.0 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

Flashing Light	Yes
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, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017
Environment	CE-RoHS: 2011/65/EU, 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 with top-level protection are designed for use in environments with high levels of corrosion, such as coastal areas, industrial sites, and areas with high humidity. These products are built with corrosion-resistant materials and coatings to ensure long-term performance in harsh conditions.

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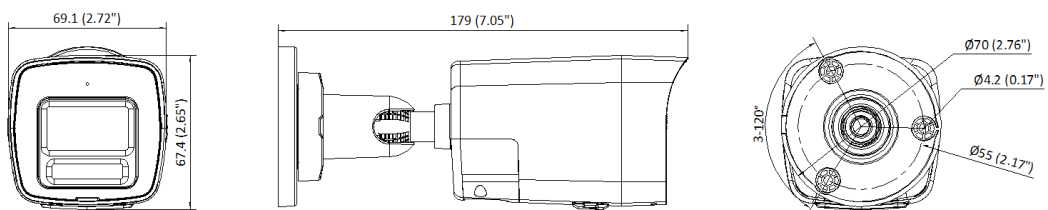
▪ Available Model

IPC-B180HA-LUF/SL(2.8mm)

IPC-B180HA-LUF/SL(4mm)

IPC-B180HA-LUF/SL(2.8mm)(HIK CAN)KIT

▪ Dimension



Unit: mm (inch)

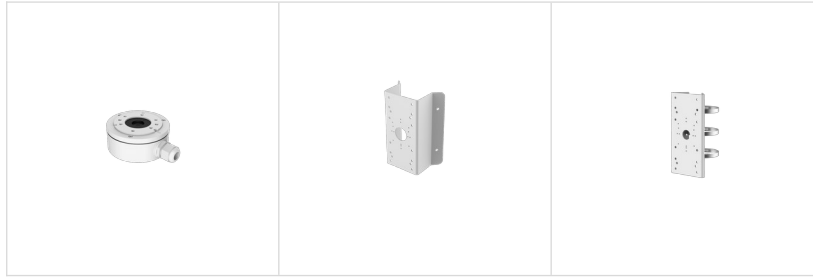
▪ Accessory

▪ Optional

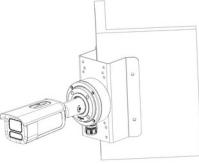
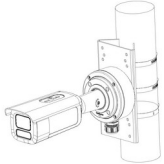
DS-1280ZJ-XS

DS-1276ZJ-SUS

DS-1275ZJ-SUS



■ Installation Methods

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

See Far, Go Further



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