

IPC-B120HA-LD/W 2 MP Smart Hybrid Light Fixed Bullet Network Camera



- High quality imaging with 2 MP resolution
- Realizing Wi-Fi connection and easy installation
- Built-in microphone for real-time audio security
- Efficient H.265 compression technology
- EXIR 2.0, advanced infrared technology with long IR distance
- Smart Hybrid Light: advanced technology with long range
- Wi-Fi connection with HiLookVision directly is not possible
- Support Human Detection
- Water and dust resistant (IP66)

▪ Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.005 Lux @ (F1.6, 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, 4, and 6 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 104°, vertical FOV 57°, diagonal FOV 121° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 100° 6 mm, horizontal FOV 52°, vertical FOV 28°, diagonal FOV 60°
Lens Mount	M12
Aperture	F1.6
Iris Type	Fixed
Depth of Field	2.8 mm: 1 m to ∞ 4 mm: 1.2 m to ∞ 6 mm: 2.9 m to ∞
DORI	
DORI	2.8 mm, D: 45 m, O: 18 m, R: 9 m, I: 4 m 4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m 6 mm, D: 91 m, O: 36 m, R: 18 m, I: 9 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 30 m
IR Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 360) 60 Hz: 30 fps (640 × 360)
Video Compression	Main stream: H.265/H.264, Sub-stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC

Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
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), ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv6, UDP, QoS, 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+
Wi-Fi	
Wi-Fi Protocol	IEEE802.11b, IEEE802.11g, IEEE802.11n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20/40 MHz
Modulation	802.11n: QPSK, BPSK, 16QAM, 64QAM, 802.11b: CCK, QPSK, BPSK, 802.11g: QPSK, BPSK, 16QAM, 64QAM
Transfer Rate	11n: up to 300 Mbps
Wireless Range	Up to 120 m (The performance varies based on actual environment)
Antenna	2 Antennas
Image	
Image Parameters Switch	Yes
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	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
Built-in Microphone	Yes
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), exception
Linkage	Notify surveillance center

General	
Power	12 VDC $\pm$ 25%, 0.5 A, max. 6 W, Ø5.5 mm coaxial power plug, reverse polarity protection, A switching adapter is included in the package.
Material	Base: Metal, front cover: Metal, back cover: Plastic
Dimension	176.3 mm $\times$ 89.1 mm $\times$ 74.5 mm (6.9" $\times$ 3.5" $\times$ 2.9")
Package Dimension	260 mm $\times$ 125 mm $\times$ 125 mm (10.2" $\times$ 4.9" $\times$ 4.9")
Weight	Approx. 350 g (0.8 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
Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014
RF	CE-RED: EN 301489-1 V2.1.1(BT or 2.4G); EN 301489-17 V3.1.1 (BT or 2.4G); EN 300328 V2.1.1 (BT or 2.4G); EN 62311:2008 (BT or 2.4G)
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	IP66: 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.

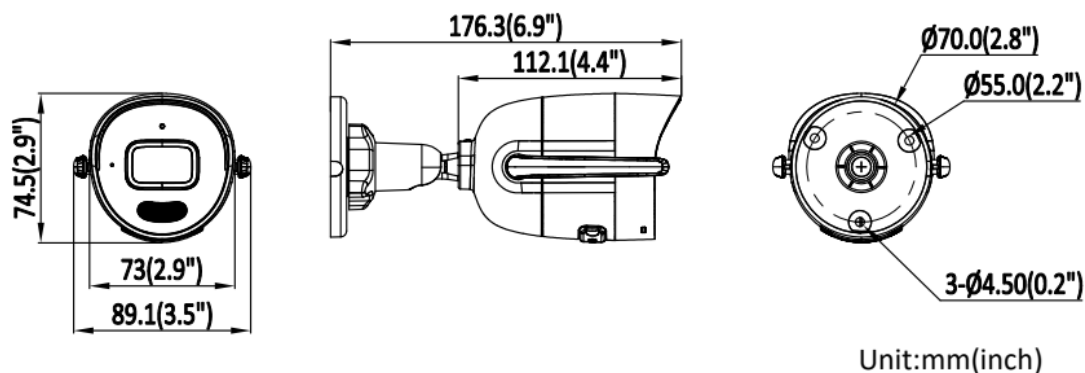
▪ Available Model

IPC-B120HA-LD/W(2.8mm)

IPC-B120HA-LD/W(4mm)

IPC-B120HA-LD/W(6mm)

▪ Dimension



▪ Accessory

▪ Optional



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