

IPC-B120HA-LDUF/4G/SL/NA 2 MP Smart Hybrid Light Fixed Bullet Network Camera



- High quality imaging with 2 MP resolution
- Support Human and Vehicle Detection
- Support 4G LTE data transmission
- Provide real-time security via built-in two-way audio
- Smart Hybrid Light: advanced technology up to 30 meters
- Support on-board storage up to 512 GB (SD card slot)
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology

▪ Specification

Camera	
Image Sensor	1/2.9" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.01 Lux @ (F2.2, 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 101°, vertical FOV 56°, diagonal FOV 118° 4 mm, horizontal FOV 80°, vertical FOV 44°, diagonal FOV 94°
Lens Mount	M12
Iris Type	Fixed
Aperture	F2.2
DORI	
DORI	2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 55 m, O: 22 m, R: 11 m, I: 5 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: 25 fps (1920 × 1080, 1280 × 720, 768 × 432) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 768 × 432)
Sub-Stream	50 Hz: 25 fps (768 × 432) 60 Hz: 30 fps (768 × 432)
Video Compression	Main stream: H.265/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
Bit Rate Control	CBR, VBR
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/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw)/16 to 64 Kbps (AAC-LC)
Network	
API	ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK

Security	Password protection, complicated password, HTTPS encryption, watermark, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, security audit log, TLS 1.2, TLS 1.3, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
Protocols	TCP/IP, ICMP, DHCP, DNS, DDNS, HTTP, RTP, RTCP, RTSP, NTP, IGMP, IPv4, IPv6, UDP, QoS, SMTP, SNMP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Client	iVMS-4200, HiLookVision
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Mobile Communication	
Standard	EU, LA, NA: LTE-FDD IN, JP: LTE-TDD, LTE-FDD
Frequency	EU: LTE-FDD: B1/3/5/7/8/20/28 NA: LTE-FDD: B2/4/5/12/13/17/66/71 LA: LTE-FDD: B2/3/4/5/7/8/28/66 IN: LTE-FDD: B1/3/5/8 LTE-TDD: B34/38/39/40/41 JP: LTE-FDD: B1/3/8/11/18/19/21/26/28 LTE-TDD: B41
Uplink and Downlink Data Rate	EU: Cat 1, uplink: 5.1 Mbps, downlink: 10.3 Mbps IN: Cat 1, uplink: 5.1 Mbps, downlink: 10.3 Mbps LA: Cat 1, uplink: 5.1 Mbps, downlink: 10.3 Mbps NA: Cat 4, uplink: 50 Mbps, downlink: 150 Mbps JP: Cat 4, uplink: 50 Mbps, downlink: 150 Mbps
SIM Card Type	Nano SIM
Image	
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Privacy Mask	4 programmable polygon privacy masks
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

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/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, strobe light flashing
General	
Power	12 VDC $\pm$ 25%, 0.75 A, max. 9 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection
Material	Plastic
Dimension	NA: 267.8 mm $\times$ 97.6 mm $\times$ 67.4 mm (10.54" $\times$ 3.84" $\times$ 2.65") EU, IN, LA, and JP: 238.5 mm $\times$ 97.6 mm $\times$ 67.4 mm (9.39" $\times$ 3.84" $\times$ 2.65")
Package Dimension	300 mm $\times$ 95 mm $\times$ 75 mm (11.8" $\times$ 3.7" $\times$ 3.0")
Weight	Approx. 310 g (0.683 lb.)
With Package Weight	JP: Approx. 540 g (1.190 lb.) EU, IN, LA, and NA: Approx. 510 g (1.124 lb.)
Storage Conditions	-30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 40 °C (-22 °F to 104 °F). Humidity 95% or less (non-condensing)
Language	English, Ukrainian
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email
Flashing Light	White Light
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, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP67: IEC 60529-2013

▪ Typical Application

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.

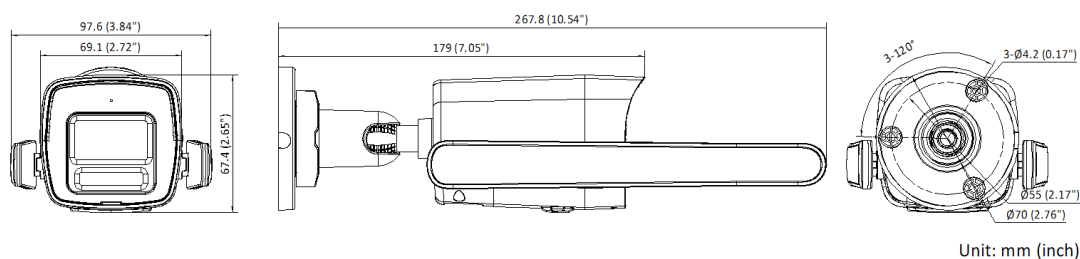
Level	Description
Top-level protection	HiLook products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	HiLook products at this level are equipped 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	HiLook products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ Available Model

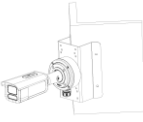
IPC-B120HA-LDUF/4G/SL(2.8mm)/NA

IPC-B120HA-LDUF/4G/SL(4mm)/NA

▪ Dimension



- Accessory
- Optional

DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1280ZJ-XS Junction box
		
		



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