

IPC-B180HAP-LUF/SL 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 light
- 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
- Support audio and siren alarm with red and blue flashing light
- Water and dust resistant (IP67)



Specification

| Camera | | | |
|-----------------------------|---|--|--|
| 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 | | |
| | 2.8 mm, horizontal FOV 113°, vertical FOV 62°, diagonal FOV 134° | | |
| Focal Length & FOV | 4 mm, horizontal FOV 90°, vertical FOV 49°, diagonal FOV 108° | | |
| Lens Mount | M12 | | |
| Iris Type | Fixed | | |
| Aperture | F2.0 | | |
| DORI | | | |
| | 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 | 7 mm, 5.1 262 m, 6.1 16 m, m 26 m, m 26 m | | |
| Supplement Light Type | IR, White Light | | |
| Supplement Light Range | Up to 30 m | | |
| Smart Supplement Light | Yes | | |
| IR Wavelength | 850 nm | | |
| Video | 030 11111 | | |
| Video | 50 Hz: | | |
| | 12.5 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) | | |
| Main Stream | 12.5 lps (3840 × 2160, 3200 × 1800, 2888 × 1320, 1920 × 1080, 1280 × 720) 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) | | |
| | 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 | | |
| Region of Interest (ROI) | 1 fixed region for main stream | | |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding | | |
| 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 | | |



| 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 | ONVIF (Profile S, Profile T, Profile G), ISAPI, SDK | |
| | TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, RTCP, NTP, IGMP, IPv4, IPv6, UDP, QoS, | |
| Protocols | FTP, SMTP | |
| | Up to 32 users | |
| User/Host | 3 user levels: administrator, operator, and user | |
| Client | iVMS-4200, HiLookVision | |
| | Plug-in required live view: IE 11 | |
| Web Browser | Local service: Chrome 80+, Firefox 80+, 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 | |
| luca a Cattia a | Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, | |
| Image Settings | adjustable by client software or web browser | |
| Privacy Mask | 4 programmable rectangle 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 | | |
| Dania Frank | Motion detection (support alarm triggering by specified target types (human and | |
| Basic Event | vehicle)), video tampering alarm, exception | |
| Linkaga | Upload to FTP/memory card, notify surveillance center, send email, trigger recording, | |
| Linkage | trigger capture, audible warning, flashing light | |
| General | | |
| | 12 VDC ± 25%, 0.66 A, max. 8 W, Ø5.5 mm coaxial power plug, reverse polarity | |
| Power | protection, | |
| | PoE: IEEE 802.3af, Class 3, max. 9.5 W | |
| Material | Metal | |
| 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. 450 g (1.0 lb.) | |
| With Package Weight | Approx. 655 g (1.4 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, password reset via email | |
|------------------|--|--|
| Flashing Light | Red and Blue 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, | |
| | 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 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. | |

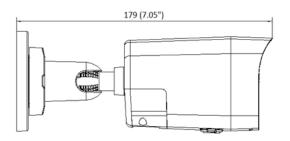
Available Model

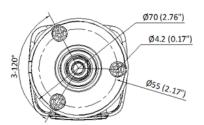
IPC-B180HAP-LUF/SL(2.8mm)
IPC-B180HAP-LUF/SL(4mm)



Dimension







Unit: mm (inch)

Accessory

Optional

| DS-1275ZJ-SUS Vertical pole mount | DS-1276ZJ-SUS Corner mount | DS-1280ZJ-XS Junction box |
|--|-------------------------------|------------------------------|
| m for the second | | |
| | | |



Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998

Technical Support: support@hikvision.com

Follow us on social media to get the latest product and solution information.





HikvisionHQ



HikvisionHQ



Hikvision Corporate Channel

