

## 4MP HD Mini IR Fixed Bullet Network Camera BP-IPC-BF401-40



### Key Features



- High quality image with 4MP, 1/3"CMOS sensor
- 4MP (2688\*1520) @ 25/20fps; 4MP (2560\*1440) @ 25/20fps; 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- Easy star technology ensures high image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 50m (164ft) IR distance
- Supports 256GB Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis

## Technical specification:

| Camera                  |  |                |                   |              |
|-------------------------|--|----------------|-------------------|--------------|
| Sensor                  | 1/3", 4.0 megapixel, progressive scan, CMOS  |                |                   |              |
| Minimum Illumination    | Support Easy star: Colour: 0.003 lux (F1.6, AGC ON)<br>0Lux with IR  |                |                   |              |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s   |                |                   |              |
| Day/Night               | IR-cut filter with auto switch (ICR)   |                |                   |              |
| Adjustment angle        | Pan: 0° ~ 360°   | Tilt: 0° ~ 90° | Rotate: 0° ~ 360° |              |
| WDR                     | 120dB  |                |                   |              |
| S/N                     | >56dB  |                |                   |              |
| Lens                    |  |                |                   |              |
| Lens                    | 4.0mm@F1.0   |                |                   |              |
| Iris                    | Fixed  |                |                   |              |
| Field of View (H)       | 83.7°  |                |                   |              |
| Field of View (V)       | 44.9°  |                |                   |              |
| Field of View (D)       | 89.2°  |                |                   |              |
| DORI                    |  |                |                   |              |
| DORI Distance           | Detect (m)   | Observe (m)    | Recognize (m)     | Identify (m) |
|                         | 90.0   | 36.0           | 18.0              | 9.0          |
| Illuminator             |  |                |                   |              |
| IR range                | Up to 50m (164ft) IR range   |                |                   |              |
| Wavelength              | 850nm  |                |                   |              |
| IR On/Off Control       | Auto/Manual  |                |                   |              |
| Video                   |  |                |                   |              |
| Video Compression       | Ultra265, H.265, H.264, MJPEG  |                |                   |              |
| H.264 code profile      | Baseline profile, Main profile, High profile   |                |                   |              |
| Frame Rate              | Main Stream: 4MP (2688*1520), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps;<br>1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps |                |                   |              |
| Video Bit Rate          | 128 Kbps ~ 16 Mbps   |                |                   |              |
| U-code                  | Support  |                |                   |              |
| OSD                     | Up to 4 OSDs   |                |                   |              |
| Privacy Mask            | Up to 4 areas  |                |                   |              |
| ROI                     | Up to 8 areas  |                |                   |              |
| Video Stream            | Dual Streams   |                |                   |              |
| Image                   |  |                |                   |              |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  |                |                   |              |
| Digital noise reduction | 2D/3D DNR  |                |                   |              |
| Smart IR                | Support  |                |                   |              |
| Flip                    | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise   |                |                   |              |
| HLC                     | Support  |                |                   |              |

|                        |  |
|------------------------|--|
| BLC                    | Support  |
| Defog                  | Digital Defog  |
| <b>Events</b>          |  |
| Basic Detection        | Cross line, intrusion (based on human body detection), motion detection, Ultra motion detection, tampering alarm, audio detection  |
| General Function       | Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication  |
| <b>Audio</b>           |  |
| Audio Compression      | G.711U, G.711A   |
| Audio Bitrate          | 64Kbps   |
| Two-way audio          | N/A  |
| Suppression            | Support  |
| Sampling Rate          | 8KHZ   |
| <b>Storage</b>         |  |
| Edge Storage           | Micro SD, up to 256GB  |
| Network Storage        | ANR, NAS(NFS)  |
| <b>Network</b>         |  |
| Protocols              | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP  |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK  |
| User/Host              | Up to 32 users. 2 user levels: administrator and common user   |
| Security               | Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP<br>Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF |
| Client                 | BP-connect   |
| Web browser            | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above<br>Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above        |
| <b>Interface</b>       |  |
| Audio I/O              | N/A  |
| Alarm I/O              | N/A  |
| Serial Port            | N/A  |
| Buil-in Mic            | Support  |
| Built-in Speaker       | N/A  |
| WiFi                   | N/A  |
| Network                | 1 * RJ45 10M/100M Base-TX Ethernet   |
| Video Output           | N/A  |
| <b>Certifications</b>  |  |
| EMC                    | CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)   |
| Safety                 | CE LVD (EN 62368-1:2014+A11:2017)<br>CB (IEC 62368-1:2014)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)   |

|                        |  |
|------------------------|--|
| Environment            | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006) |
| Protection             | IP67   |
| <b>General</b>         |  |
| Power                  | DC 12V±25%, PoE (IEEE 802.3af)   |
|                        | Power consumption: Max 6.0W  |
| Power Interface        | Ø 5.5mm coaxial power plug   |
| Dimensions (L x W x H) | 190 x 73 x 71mm (7.5" x 2.9" x 2.8")   |
| Weight                 | 0.45kg (0.99lb)  |
| Material               | Graphene + Metal   |
| Working Environment    | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)                           |
| Storage Environment    | -30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)                           |
| Surge protection       | 4KV  |
| Reset button           | Support  |

## Dimensions

