

# 8MP HD Bullet Network Camera

## IPOB-SB8IR28-B



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 8MP ( 3840 × 2160 )
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC, smart IR and ROI coding
- 20~30m IR night view distance
- 1CH audio input
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- Support three streams
- IP 67
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics

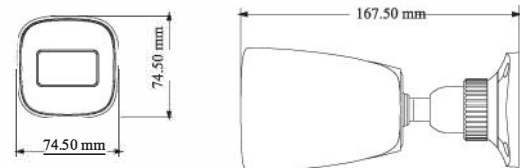
# SMP HD Bullet Network Camera

## SPECIFICATIONS

|                            |                                                                                                                                                                                           |                  |                 |                |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|----------------|
|                            |                                                                                                                                                                                           |                  |                 |                |
| Camera                     |                                                                                                                                                                                           |                  |                 |                |
| Image Sensor               | 1 / 2.8" CMOS                                                                                                                                                                             |                  |                 |                |
| Image Size                 | 3840×2160                                                                                                                                                                                 |                  |                 |                |
| Electronic Shutter         | 1 / 2 s ~ 1 / 100000 s                                                                                                                                                                    |                  |                 |                |
| Iris Type                  | Fixed Iris                                                                                                                                                                                |                  |                 |                |
| Min. Illumination          | 0.02 lux @ F1.6, AGC ON;<br>0 lux with IR                                                                                                                                                 |                  |                 |                |
| Lens                       | 2.8 mm @F1.6, Horizontal FoV:101°; Vertical FoV:53°; Diagonal FoV:120°                                                                                                                    |                  |                 |                |
| Focus                      | Fixed                                                                                                                                                                                     |                  |                 |                |
| Lens Mount                 | M12                                                                                                                                                                                       |                  |                 |                |
| Day&Night                  | ICR                                                                                                                                                                                       |                  |                 |                |
| Wide Dynamic Range         | 120dB                                                                                                                                                                                     |                  |                 |                |
| BLC                        | Yes                                                                                                                                                                                       |                  |                 |                |
| HLC                        | Yes                                                                                                                                                                                       |                  |                 |                |
| Defog                      | Yes                                                                                                                                                                                       |                  |                 |                |
| Digital NR                 | 3D DNR                                                                                                                                                                                    |                  |                 |                |
| S/N Ratio                  | ≥ 50dB                                                                                                                                                                                    |                  |                 |                |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~80°; Rotation: 0°~360°                                                                                                                                              |                  |                 |                |
| DORI Distance              |                                                                                                                                                                                           |                  |                 |                |
| Lens                       | Detect                                                                                                                                                                                    | Observe          | Recognize       | Identify       |
| 2.8mm                      | 86.65m(284.28ft)                                                                                                                                                                          | 34.66m(113.71ft) | 17.33m(56.85ft) | 8.66m(28.41ft) |
| Image                      |                                                                                                                                                                                           |                  |                 |                |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG<br>Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG                              |                  |                 |                |
| H.264 Compression Standard | Baseline Profile/Main Profile/High Profile                                                                                                                                                |                  |                 |                |
| Resolution                 | 8MP ( 3840 × 2160 ), 6MP( 3072 × 2048 ),5MP( 2592 × 1944 ),<br>4MP ( 2592 × 1520 ), 2K(2560 × 1440 ), 3MP(2304 × 1296),<br>1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240 |                  |                 |                |
| Main Stream                | 60Hz : 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps)<br>50Hz: 8MP(1~20fps)/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps)                                                                   |                  |                 |                |
| Sub Stream                 | 60Hz: 720P(1~12fps)/D1/480 × 240(1~30fps)<br>50Hz: 720P/D1/480 × 240(1~25fps)                                                                                                             |                  |                 |                |
| Third Stream               | 60Hz: 720P/D1/CIF/480 × 240 (1~30fps)<br>50Hz: 720P/D1/CIF/480 × 240 (1~25fps)                                                                                                            |                  |                 |                |
| Bit Rate                   | 64 Kbps ~ 12 Mbps                                                                                                                                                                         |                  |                 |                |
| Bit Rate Type              | VBR / CBR                                                                                                                                                                                 |                  |                 |                |
| Audio Compression          | G711A / U                                                                                                                                                                                 |                  |                 |                |
| Image Settings             | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, image mirror, image flip, Sharpness, NR, etc. adjustable through client software or web browser                                 |                  |                 |                |
| ROI                        | Each ROI to be configured separately                                                                                                                                                      |                  |                 |                |
| Interfaces                 |                                                                                                                                                                                           |                  |                 |                |
| Network                    | RJ 45 10M/100M self-adaptive Ethernet port                                                                                                                                                |                  |                 |                |
| Video Output               | No                                                                                                                                                                                        |                  |                 |                |
| Audio                      | 1 CH audio input                                                                                                                                                                          |                  |                 |                |
| Storage                    | Built-in micro SD card slot; up to 256GB                                                                                                                                                  |                  |                 |                |
| Reset                      | Yes                                                                                                                                                                                       |                  |                 |                |
| Functions                  |                                                                                                                                                                                           |                  |                 |                |
| Remote Monitoring          | IE browser/ NVR / NVMS / mobile APP                                                                                                                                                       |                  |                 |                |
| Web Browser                | IE11 (plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                                |                  |                 |                |
| Online Connection          | Support simultaneous monitoring for up to 10 users;<br>Support multi-stream real time transmission                                                                                        |                  |                 |                |
| Network Protocol           | UDP, IP v4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS                                                               |                  |                 |                |
| Interface Protocol         | ONVIF                                                                                                                                                                                     |                  |                 |                |
| Storage                    | Network remote storage; micro SD card storage                                                                                                                                             |                  |                 |                |
| Smart Alarm                | Motion detection; SD card error; SD card full                                                                                                                                             |                  |                 |                |
| Intelligent Analytics      | Scene change, video blur detection, abnormal color detection , line crossing detection, intrusion detection                                                                               |                  |                 |                |
| General Function           | Watermark, video mask, heartbeat, corridor pattern                                                                                                                                        |                  |                 |                |
| IR Distance                | 20~30m                                                                                                                                                                                    |                  |                 |                |

|                          |                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection Grade         | IP 67                                                                                                                                                                                              |
| PoE                      | Yes (IEEE802.3af)                                                                                                                                                                                  |
| Security                 | Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPS |
| <b>Others</b>            |                                                                                                                                                                                                    |
| Power Supply             | DC12V/PoE                                                                                                                                                                                          |
| Power Consumption        | < 7W                                                                                                                                                                                               |
| Storage Conditions       | - 30 °C ~ 65 °C (-22 °F ~ 149 °F), Humidity: less than 95 % (non-condensing)                                                                                                                       |
| Operating Conditions     | - 30 °C ~ 60 °C (-22 °F ~ 140 °F), Humidity: less than 95 % (non-condensing)                                                                                                                       |
| Dimensions ( mm )        | 167.5 × 74.5 × 74.5                                                                                                                                                                                |
| Weight ( net )           | Approx. 0.44KG                                                                                                                                                                                     |
| Installation             | Ceiling mounting; Wall mounting                                                                                                                                                                    |
| Certificate              | CE, FCC                                                                                                                                                                                            |
| Environmental Protection | Complies with Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006)                                                                                                       |

## DIMENSIONS



## AVAILABLE ACCESSORIES



JB-SB301