

# VBIP-5B-PRO-U

5MP HD Mini Fixed IR Network Bullet Camera



## Key Features:

- High quality image with 5MP, 1/2.7"CMOS sensor
- 5MP (2880\*1620)@ 25/20fps; 4MP (2560\*1440)@ 25/20fps; 3MP (2304\*1296) @30/25fps; 2MP (1920\*1080) @30/25fps
- 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 256 G Micro SD card
- Support PoE power supply
- IP67
- 3-Axis

## Specifications:

| CAMERA                         |                  |   |                    |                      |                     |
|--------------------------------|------------------|---|--------------------|----------------------|---------------------|
| <b>Sensor</b>                  |                  | 1/2.7", 5.0 megapixel, progressive scan, CMOS   |                    |                      |                     |
| <b>Lens</b>                    |                  | 2.8mm@F1.6  |                    |                      |                     |
| <b>DORI Distance</b>           | <b>Lens (mm)</b> | <b>Detect (m)</b>   | <b>Observe (m)</b> | <b>Recognize (m)</b> | <b>Identify (m)</b> |
|                                | 2.8mm            | 63  | 25.2               | 12.6                 | 6.3                 |
| <b>Angle of View (H)</b>       |                  | 112.9°  |                    |                      |                     |
| <b>Angle of View (V)</b>       |                  | 59.1°   |                    |                      |                     |
| <b>Angle of View (O)</b>       |                  | 121.2°  |                    |                      |                     |
| <b>Wide Dynamic Range</b>      |                  | Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°   |                    |                      |                     |
| <b>Shutter</b>                 |                  | Auto/Manual, 1 ~ 1/100000s  |                    |                      |                     |
| <b>Minimum Illumination</b>    |                  | Color: 0.003Lux (F1.6, AGC ON)<br>0 Lux with IR   |                    |                      |                     |
| <b>Day/Night</b>               |                  | IR-cut filter with auto switch (ICR)  |                    |                      |                     |
| <b>Digital noise reduction</b> |                  | 2D/3D DNR   |                    |                      |                     |
| <b>S/N</b>                     |                  | > 52dB  |                    |                      |                     |
| <b>IR Range</b>                |                  | Up to 50m (164ft) IR range  |                    |                      |                     |
| <b>Wavelength</b>              |                  | 850nm   |                    |                      |                     |
| <b>IR On/Off Control</b>       |                  | Auto/Manual   |                    |                      |                     |
| <b>Defog</b>                   |                  | Digital Defog   |                    |                      |                     |
| <b>WDR</b>                     |                  | 120dB   |                    |                      |                     |
| VIDEO                          |                  |   |                    |                      |                     |
| <b>Video Compression</b>       |                  | Ultra 265, H.265, H.264, MJPEG  |                    |                      |                     |
| <b>H.264 code profile</b>      |                  | Baseline profile, Main profile, High profile  |                    |                      |                     |
| <b>Frame Rate</b>              |                  | Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps |                    |                      |                     |
| <b>Video Bit Rate</b>          |                  | 128 Kbps~6144 Kbps  |                    |                      |                     |
| <b>U-code</b>                  |                  | Supported   |                    |                      |                     |
| <b>OSD</b>                     |                  | Up to 4 OSDs  |                    |                      |                     |
| <b>PRIVACY MASK</b>            |                  | Up to 4 areas   |                    |                      |                     |
| <b>ROI</b>                     |                  | Up to 8 areas   |                    |                      |                     |
| <b>Video stream</b>            |                  | Dual streams  |                    |                      |                     |
| IMAGE                          |                  |   |                    |                      |                     |
| <b>White Balance</b>           |                  | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2   |                    |                      |                     |
| <b>Digital Noise Reduction</b> |                  | 2D/3D DNR   |                    |                      |                     |
| <b>Smart IR</b>                |                  | Supported   |                    |                      |                     |
| <b>Flip</b>                    |                  | Normal/Vertical/Horizontal/180°/90°Clockwise/90°counter-clockwise   |                    |                      |                     |
| <b>Dewarping</b>               |                  | NA  |                    |                      |                     |
| <b>HLC</b>                     |                  | Supported   |                    |                      |                     |
| <b>BLC</b>                     |                  | Supported   |                    |                      |                     |

# VBIP-5B-PRO-U

5MP HD Mini Fixed IR Network Bullet Camera



**VEILUX**  
The Art of Surveillance

| Events                        |   |
|-------------------------------|---|
| <b>Basic Detection</b>        | Cross line, intrusion(based on human body detection), motion detection, Ultra motion detection, tampering alarm,audio detection   |
| <b>General Function</b>       | Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication   |
| Audio                         |   |
| <b>Audio Compression</b>      | G.711U, G.711A  |
| <b>Audio Bitrate</b>          | 64 Kbps   |
| <b>Two-way Audio</b>          | N/A   |
| <b>Suppression</b>            | Supported   |
| <b>Sampling Rate</b>          | 8KHZ  |
| Storage                       |   |
| <b>Edge Storage</b>           | Micro SD, up to 256 GB  |
| <b>Network Storage</b>        | ANR,NAS(NFS)  |
| NETWORK                       |   |
| <b>Protocols</b>              | 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   |
| <b>Compatible Integration</b> | ONVIF (Profile S, Profile G, Profile T), API , SDK  |
| <b>User/Host</b>              | Up to 32 users. 2 user levels: administrator and common user  |
| <b>Client</b>                 | Guard Station, 2M Station   |
| <b>Web Browser</b>            | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above Web Browser<br><br>Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above |
| INTERFACE                     |   |
| <b>Network</b>                | 1 * RJ45 10M/100M Base-TX Ethernet  |
| CERTIFICATIONS                |   |
| <b>EMC</b>                    | CE-EMC (EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 55035)FCC (FCC 47 CFR part15 B  |
| <b>Safety</b>                 | CE LVD (EN 62368-1)CB (IEC 62368-1)UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1  |
| <b>Environment</b>            | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);   |
| GENERAL                       |   |
| <b>Power</b>                  | DC12V±25%, PoE (IEEE802.3 af)<br>Power consumption: Max 5.6w  |
| <b>Dimensions (Ø x H)</b>     | 190×73×71mm (7.5"×2.9"×2.8")  |
| <b>Weight</b>                 | 0.40kg (0.88lb)   |
| <b>Working Environment</b>    | -30°C ~ +60°C (-22°F ~ 140°F),<br>Humidity: ≤95% RH (non-condensing)  |
| <b>Storage Environment</b>    | -30°C ~ +60°C (-22°F ~ 140°F),<br>Humidity: ≤95% RH (non-condensing)  |
| <b>Surge Protection</b>       | 4KV   |
| <b>Ingress Protection</b>     | IP67  |
| <b>Reset Button</b>           | Supported   |

## Dimensions

