

# VVIP-2BZ-PRO-U

2MP VF IR Network Dome Camera



## Key Features:

- High quality image with 2MP, 1/2.7" CMOS sensor
- 2MP (1920\*1080)@30fps;
- Ultra 265, H.265, H.264, MJPEG
- High image quality in low illumination environment
- 120dB true WDR technology enables clear image in strong light scene
- Built-in Mic
- Smart IR, up to 40m (131ft) IR distance
- Supports 512 G Micro SD card
- IP67
- IK10 vandal resistant
- Support PoE power supply

## Specifications:

| CAMERA                         |                  |  |                 |                 |                |
|--------------------------------|------------------|--|-----------------|-----------------|----------------|
| <b>Sensor</b>                  |                  | 1/2.7" 2.0 megapixel, progressive scan, CMOS   |                 |                 |                |
| <b>Lens</b>                    |                  | 2.8 ~ 12mm motorized zoom lens   |                 |                 |                |
| <b>DORI Distance</b>           | <b>Lens (mm)</b> | Detect (m)   | Observe (m)     | Recognize (m)   | Identify (m)   |
|                                | 2.8mm            | 43.4m (142.5ft)  | 17.4m (57ft)    | 8.7m (27.5ft)   | 4.3m (14.3ft)  |
|                                | 12mm             | 186.2m (610.9ft)   | 74.5m (244.4ft) | 37.2m (122.2ft) | 18.6m (61.1ft) |
| <b>Angle of View (H)</b>       |                  | 103.6°~33.4°   |                 |                 |                |
| <b>Angle of View (V)</b>       |                  | 54.8°~18.7°  |                 |                 |                |
| <b>Angle of View (D)</b>       |                  | 107.9°~37.8°   |                 |                 |                |
| <b>Wide Dynamic Range</b>      |                  | Pan: 3° ~ 360°, Tilt: 0° ~ 70°, Rotate: 3° ~ 360°  |                 |                 |                |
| <b>Shutter</b>                 |                  | Auto/Manual, 1 ~ 1/100000s   |                 |                 |                |
| <b>Minimum Illumination</b>    |                  | Color: 0.003 lux (F1.6, AGC ON)<br>0 lux with IR on  |                 |                 |                |
| <b>Day/Night</b>               |                  | IR-cut filter with auto switch (ICR)   |                 |                 |                |
| <b>Digital noise reduction</b> |                  | 2D/3D DNR  |                 |                 |                |
| <b>S/N</b>                     |                  | >52 dB   |                 |                 |                |
| <b>IR Range</b>                |                  | 40 m (131.2 ft)  |                 |                 |                |
| <b>Wavelength</b>              |                  | 850 nm   |                 |                 |                |
| <b>IR On/Off Control</b>       |                  | Auto/Manual  |                 |                 |                |
| <b>Defog</b>                   |                  | Digital Defog  |                 |                 |                |
| <b>WDR</b>                     |                  | 120 dB   |                 |                 |                |
| 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: 2MP (1920*1080), Max 30fps; 720P (1280*720), 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 to 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>                     |                  | Supported  |                 |                 |                |
| <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, Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° counter-clockwise   |                 |                 |                |

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|                               |  |
|-------------------------------|--|
| <b>Dewarping</b>              | N/A  |
| <b>HLC</b>                    | Supported  |
| <b>BLC</b>                    | Supported  |
| <b>EVENTS</b>                 |  |
| <b>Basic Detection</b>        | Motion Detection, Ultra Motion Detection, Tampering Alarm, Audio Detection, Cross line (based on human body detection), Intrusion (based on human body detection)  |
| <b>General Function</b>       | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication  |
| <b>AUDIO</b>                  |  |
| <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>          | 8 kHz  |
| <b>STORAGE</b>                |  |
| <b>Edge Storage</b>           | Micro SD, up to 512 GB   |
| <b>Network Storage</b>        | ANR, NAS (NFS)   |
| <b>NETWORK</b>                |  |
| <b>Protocols</b>              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, 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>Security</b>               | Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| <b>Client</b>                 | Guard Station, 2M Station  |
| <b>Web Browser</b>            | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+   |
| <b>INTERFACE</b>              |  |
| <b>Built-in Mic</b>           | Supported  |
| <b>Network</b>                | 1 × RJ45 10 M/100 M Base-TX Ethernet   |
| <b>GENERAL</b>                |  |
| <b>Power</b>                  | DC12V ± 25%, PoE (IEEE802.3 af)<br>Power consumption: Max 8.0w   |
| <b>Dimensions (Ø x H)</b>     | 128mmx100mm (Ø5.0" x 3.9")   |
| <b>Weight</b>                 | 0.66kg (1.46lb)  |
| <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>       | 6KV  |
| <b>Protection</b>             | IP67   |
| <b>Reset Button</b>           | Supported  |

Dimensions:

