

# PRO SERIES VVIP-5-PRO-U

5MP Fixed Network IR Vandal Dome Camera



## Key Features

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Up to 120 dB WDR (Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.264, MJPEG
- ROI (Region of Interest)
- Customized OSD
- ONVIF Conformance
- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide input voltage range of  $\pm 25\%$
- IK10 vandal resistant
- IP67
- 3-Axis

| CAMERA                  |                                                                                                                                                                                                                             |              |                 |               |              |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------|---------------|--------------|
| Sensor                  | 1/2.7", 5.0 megapixel, progressive scan, CMOS                                                                                                                                                                               |              |                 |               |              |
| Lens                    | 2.8mm@F2.0                                                                                                                                                                                                                  |              |                 |               |              |
| DORI Distance           | Lens (mm)                                                                                                                                                                                                                   | Detect (m)   | Observe (m)     | Recognize (m) | Identify (m) |
|                         | 2.8                                                                                                                                                                                                                         | 63.1         | 25.2            | 12.6          | 6.3          |
| Angle of view(H)        | 105.6°                                                                                                                                                                                                                      |              | 80.0°           |               |              |
| Angle of View (V)       | 69.9°                                                                                                                                                                                                                       |              | 52.2°           |               |              |
| Angle of View (O)       | 137.3°                                                                                                                                                                                                                      |              | 98.4°           |               |              |
| Adjustment angle        | Pan: 3°~360°                                                                                                                                                                                                                | Tilt: 0°~68° | Rotate: 3°~360° |               |              |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s                                                                                                                                                                                                  |              |                 |               |              |
| Minimum Illumination    | Colour:0.01Lux (F2.0, AGC ON)<br>0Lux with IR on                                                                                                                                                                            |              |                 |               |              |
| Day/Night               | IR-cut filter with auto switch (ICR)                                                                                                                                                                                        |              |                 |               |              |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                                   |              |                 |               |              |
| S/N                     | >56dB                                                                                                                                                                                                                       |              |                 |               |              |
| IR Range                | Up to 30m (98ft) IR range                                                                                                                                                                                                   |              |                 |               |              |
| Wavelength              | 850nm                                                                                                                                                                                                                       |              |                 |               |              |
| IR On/Off Control       | Auto/Manual                                                                                                                                                                                                                 |              |                 |               |              |
| Defog                   | Digital Defog                                                                                                                                                                                                               |              |                 |               |              |
| WDR                     | 120dB                                                                                                                                                                                                                       |              |                 |               |              |
| VIDEO                   |                                                                                                                                                                                                                             |              |                 |               |              |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                              |              |                 |               |              |
| H.264 Code Profile      | Baseline profile, Main profile, High profile                                                                                                                                                                                |              |                 |               |              |
| Frame Rate              | Main Stream: 5MP (2592 x 1944), Max 20fps; 4MP (2560 x 1440), Max 30fps; 3MP (2304 x 1296), Max 30fps; 1080P (1920 x 1080), Max 30fps;<br>Sub Stream: 4CIF (704 x 576), Max 30fps; Third Stream: CIF (352 x 288), Max 30fps |              |                 |               |              |
| Video Bit Rate          | 128 Kbps~16 Mbps                                                                                                                                                                                                            |              |                 |               |              |
| OSD                     | Up to 4 OSDs                                                                                                                                                                                                                |              |                 |               |              |
| Privacy Mask            | Up to 4 areas                                                                                                                                                                                                               |              |                 |               |              |
| ROI                     | Up to 2 areas                                                                                                                                                                                                               |              |                 |               |              |
| Motion Detection        | Up to 4 areas                                                                                                                                                                                                               |              |                 |               |              |

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| 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°                                                                                                |
| Dewarping               | NA                                                                                                                             |
| HLC                     | Supported                                                                                                                      |
| BLC                     | Supported                                                                                                                      |
| AUDIO                   |                                                                                                                                |
| Audio Compression       | G.711                                                                                                                          |
| Two-way Audio           | Supported                                                                                                                      |
| Suppression             | Supported                                                                                                                      |
| Sampling Rate           | 8KHZ                                                                                                                           |
| STORAGE                 |                                                                                                                                |
| Edge Storage            | Micro SD, up to 256 GB                                                                                                         |
| Network Storage         | ANR                                                                                                                            |
| NETWORK                 |                                                                                                                                |
| Protocols               | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS |
| Compatible Integration  | ONVIF (Profile S, Profile G, Profile T), API                                                                                   |
| Client                  | EZStation<br>EZView<br>EZLive                                                                                                  |
| Web Browser             | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below                                                    |
|                         | Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+                                                      |
| INTERFACE               |                                                                                                                                |
| Audio I/O               | Input: impedance 35kΩ; amplitude 2V [p-p]                                                                                      |
|                         | Output: impedance 600Ω; amplitude 2V [p-p]                                                                                     |
| Alarm I/O               | 1/1                                                                                                                            |
| Network                 | 1 RJ45 10M/100M Base-TX Ethernet                                                                                               |

| CERTIFICATIONS         |                                                                     |
|------------------------|---------------------------------------------------------------------|
| Certifications         | CE: EN 60950-1<br>FCC: FCC Part 15                                  |
| GENERAL                |                                                                     |
| Power                  | DC 12V±25%, PoE (IEEE 802.3af)                                      |
|                        | Power consumption: Max 6.4W                                         |
| Dimensions (L × W × H) | 108.7 x 81.1mm (Ø4.3" x 3.2")                                       |
| Net Weight             | 0.45kg (0.99lb)                                                     |
| Material               | Metal + Plastic                                                     |
| Working Environment    | -35°C ~ 60°C (-31°F ~ 140°F),<br>Humidity: ≤95% RH (non-condensing) |
| Storage Environment    | -35°C ~ 60°C (-31°F ~ 140°F),<br>Humidity: ≤95% RH (non-condensing) |
| Surge Protection       | 2KV                                                                 |
| Ingress Protection     | IP67                                                                |
| Vandal Resistant       | IK10                                                                |
| Ingress Protection     | IP67                                                                |

## Dimensions

