


# 2-in-1 security camera unit

## Pro AI Series: 8MP 180° Turret and 4MP 25x optical zoom PTZ dome

Deliver comprehensive surveillance for large sites with this two-in-one CCTV unit. This camera combines the wide-angle coverage of a 180º turret with the long-range zoom of a PTZ, while capturing both streams at once. Upon a human or vehicle detection event, these cameras can trigger a white LED spotlight for security lighting, a flashing blue/red LED strobe and a loud siren with programmable message/tone, to deter intruders.

- Stream up to 8.0MP (4096 x 1860) at 25fps
- Dual wide angle lenes for complete site coverage and 25x zoom lens for detailed shots
- Activates spotlight, flashing light & siren, switching from IR to colour footage in response to alarm events
- 24/7 Colour low light footage as low as 0.005lx
- Intelligent auto tracking via person/vehicle AI rules Intelligent AI detection to identify people & vehicles
- Next-Gen Smart Motion Detection (SMD 4.0) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs




180° Coverage Surveillance




25x Lossless Optical Zoom



Spotlight, Siren & Blue/Red Strobe

Achieve more than security.™

Visit www.vipvision.au for the latest in IP surveillance.

INFRONT TECHNOLOGIES

**Supplied by INFRONT TECHNOLOGIES**

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*For more information call or email — Australia-wide sales, technical support and warranty service.*

| | Model | | VSIPPTZ-4P8X | |
|---|---|---|---|---|
| Camera | Camera System | | **8.0MP Fixed 180° AI Deterrence Turret** | **4.0MP 25x Zoom PTZ with AI** |
| | Image Sensor | | Dual 1/2.7" 4MP Progressive Scan CMOS | 1/2.8" 4MP Progressive Scan CMOS |
| | Effective Pixels | | 4096 (H) x 1860 (V) | 2560 (H) x 1440 (V) |
| | RAM / ROM | | 2GB / 4GB | 1GB / 4GB |
| | Min Illumination | | 0.005 lux/F1.4 (Color, 30 IRE); 0.0005 lux/F1.4 (B/W, 30 IRE); 0 lux (Illuminator) | 0.005 lux/F1.6 (Color, 30 IRE); 0.0005 lux/F1.6 (B/W, 30 IRE); 0 lux (Illuminator) |
| | Illuminator System | | 2 x Infrared LED, 30m range, Auto/manual on/off control | 2 x Infrared LED, 100m range, Zoom Prio /Auto/manual on/off control |
| | LED Illumination | | 2 x Spotlight (Warm White) 30m range, 1 x Red & Blue Alarm Light | 2 x Spotlight (Warm White) 50m range, 1 x Red & Blue Alarm Light |
| Lens | Lens / Iris | | 2.8mm F1.0 Fixed Lens | 5 ~ 125mm F1.6 ~ F3.6 Motorised Lens with Auto Iris |
| | Field of View | | Horizontal: 180°, Vertical: 86° | Horizontal: 52 ° ~ 3°, Vertical: 39.7° ~ 2.2 °, Diagonal: 63.1° ~ 3.7 ° |
| | Focus | | Auto Focus / 0.6m Min. Focus Distance | Auto/Semi-Auto/Manual Control, 0.1 ~ 0.5m Min. Focus Distance |
| DORI | Detect | | 56m | W: 100m; T: 2500m |
| | Observe | | 22m | W: 40m; T: 1000m |
| | Recognise | | 11m | W: 20m; T: 500m |
| | Identify | | 6m | W: 10m; T: 250m |
| PTZ | Pan / Tilt Range | | N/A | Pan: 0 ~ 360° (endless) / Tilt: -15 ~ 90° / Auto-flip 180° |
| | PTZ Speed | | N/A | **Preset**: Pan: 0.1°~ 180°/s, Tilt: 0.1°~ 90°/s, **Manual**: Pan: 0.1°~ 180°/s, Tilt: 0.1°~ 90°/s |
| | Modes / Presets | | N/A | Up to 300 presets / 5 Pattern, 8 Tour, Auto Pan, 5 Auto Scan |
| | Start-up Action | | N/A | Auto-restore to previous PTZ/lens status |
| | Auto Tracking | | N/A | Supported |
| Video | Resolution | | 8MP (4096 x 1860) to VGA (640 x 480) | 4MP (2560 x 1440) to D1 (704 x 576/704) |
| | Frame Rate | Main | 8MP (1 ~ 25fps) | 4MP (1 ~ 25fps) |
| | | Sub | 1024 x 448 (1 ~ 25fps) | D1 (1 ~ 25fps) |
| | Video Compression | | Smart H.265+ / H.265 / Smart H.264+ / H.264B / H.264M / H.264H / MJPEG (Sub Stream 1) | |
| | Bit Rate | | H264: 128 ~ 16,384 kbps, H265: 51 ~ 13,312 kbps | H264: 96 ~ 16,384 kbps, H265: 38 ~ 10,240 kbps |
| | Bit Rate Control | | Constant Bit Rate (CBR) / Variable Bit Rate (VBR) | |
| | Day/Night | | Auto (ICR) / Color / B&W / Electronic | |
| | Lighting Compensation | | BLC / HLC / Digital WDR | BLC / HLC / True WDR (120dB) |
| | White Balance | | Auto / Indoor / Outdoor / Tracking / Manual / Sodium Lamp / Natural / Street Lamp | |
| | Gain Control | | Auto / Manual / Gain Prio | |
| | Noise Reduction | | 2D / 3D | |
| | Picture Control | | Flip 180° | |
| IVS | Video Functions | | Motion Detection, Region of Interest, Privacy Masking (4 zones), Defog, Object Abandoned / Missing<br>**Event Triggers:** Motion Detection, Perimeter Protection, Video Tampering, Scene Changing, Network Disconnection, IP Address Conflict, Illegal Access, Storage Anomaly | |
| | AI Functions | | **Perimeter Protection:** People and vehicle detection using tripwire or intrusion rules<br>**Loitering detection:** People gathering and parking detection | |
| | Intelligent search | | Search people or vehicle detection events (Perimeter Protection) | |
| Network | Ethernet | | RJ-45 (100/1,000 Base-T) | |
| | Protocol | | HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS; IPv6; 802.1x; SSL; QoS; FTP; UPnP; ICMP; SNMP; IGMP; ARP; RTCP; RTP; PPPoE; RTMP; Bonjour; NFS | |
| | Streaming Method | | Unicast / Multicast | |
| | Max. User Access | | 20 (total bandwidth: 64M) | |
| Interface | Audio Interface | | 1 Audio In/Output / Audio Compression - PCM, G.711A, G.711Mu, G.726, MPEG2-Layer2, G.722.1, G.729 | |
| | Alarm Interface | | 2 channel in: 0-5VDC / 1 channel out | |
| | RS485 | | N/A | |
| | Edge Storage | | Micro SD card (512 GB) / NAS / FTP / SFTP | |
| | Interoperability | | ONVIF (Profile S & Profile G & Profile T) / CGI / SDK / P2P | |
| Environmental | Power Supply | | 12VDC / PoE (820.3af) | |
| | Power Consumption | | < 14 W (basic); < 25 W (max) | |
| | Operating Conditions | | -40°C ~ +65°C / ≤95% RH | |
| | Ingress Protection | | IP66 | |
| | Surge Protection | | TVS 6000V Lightning Proof / Surge Protection / Voltage Transient Protection | |
| | Housing | | Metal | |
| | Dimensions | | Φ194 mm x 160 mm x 311 mm | |
| | Net Weight | | 3.10kg | |

| Application | | | |
|---|---|---|---|
| Included | Wall Mount | Pole Mount | Corner Mount |
| VSBKTB305W<br>(Wall mount) | VSBKTB305W +<br>VSBKTA126 | VSBKTB305W +<br>VSBKTA150 | VSBKTB305W +<br>VSBKTA151 |

Your local VIP Vision™ IP solutions professional:

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