Amazing functionality.

Ultimate PTZ Series: Specialist PTZ domes available in 2.0MP & 8.0MP

An outstanding performer in long range surveillance applications, this formidable 30x optical zoom PTZ is also equipped with 500m laser infrared, a host of intelligent functions and configurable auto-tracking.

- Stream up to 4K/8.0MP (3840 x 2160) at 25fps
- 30x optical zoom lens (61.2 ~ 2.1° viewing angles)
- Auto tracking with 8 intelligent video functions
- Adjustable beam angle laser infrared up to 500m
- Electronic image stabilisation, face detect & more
- Endless 360° panning with tilt adjust; auto-flip 180°
- MicroSD card slot for recording up to 128GB
- Audio and alarm interface input/output
- Supports power via Hi-PoE (IEEE802.3at)
- IP67 weather resistant housing for external use
## Camera Specifications

### Application

- Incl. Accessories: AC power supply, VSBKTA111, VSBKTB303W

<table>
<thead>
<tr>
<th>Camera</th>
<th>2.0MP Laser IR PTZ</th>
<th>8.0MP Laser IR PTZ</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ordering Information</strong></td>
<td>VSIP32MPPTZ2IRL: Standard</td>
<td>VSIP8MPPTZ2IRL: Standard</td>
</tr>
<tr>
<td><strong>Image Sensor</strong></td>
<td>1/1.9’’ 2.0MP Progressive Scan CMOS</td>
<td>1/1.7’’ 12.0MP Starvis™ CMOS</td>
</tr>
<tr>
<td><strong>Effective Pixels</strong></td>
<td>1920 (H) x 1080 (V)</td>
<td>3840 (H) x 2160 (V)</td>
</tr>
<tr>
<td><strong>RAM / ROM</strong></td>
<td>1024MB / 64MB</td>
<td>1024MB / 128MB</td>
</tr>
<tr>
<td><strong>Min Illumination</strong></td>
<td>0.002 Lux/F.1.5 (Color), 0 Lux/F.1.5 (IR on)</td>
<td>0.05 Lux/F.1.6 (Color), 0 Lux/F.1.6 (IR on)</td>
</tr>
<tr>
<td><strong>S/N Ratio</strong></td>
<td>&gt; 56dB</td>
<td></td>
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<tr>
<td><strong>Infrared System</strong></td>
<td>Laser Infrared Module, 500m range, Auto/manual angle adjustment (60 ~ 2°)</td>
<td></td>
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<tr>
<td><strong>Lens / Iris</strong></td>
<td>6 ~ 180mm F1.5 ~ F4.3 Motorised Lens with Auto Iris</td>
<td>6 ~ 180mm F1.6 ~ F4.8 Motorised Lens with Auto Iris</td>
</tr>
<tr>
<td><strong>Field of View</strong></td>
<td>Horizontal: 61.2° ~ 2.1” (30x Optical Zoom)</td>
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<tr>
<td><strong>Focus</strong></td>
<td>Auto/Manual / 1m Min. Focus Distance</td>
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<tr>
<td><strong>Modes / Presets</strong></td>
<td>Up to 300 presets / 5 Pattern, 8 Tour, Auto Pan, Auto Scan</td>
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<tr>
<td><strong>Start-up Action</strong></td>
<td>Auto-restore to previous PTZ/lens status</td>
<td></td>
</tr>
<tr>
<td><strong>Auto Tracking</strong></td>
<td>Support</td>
<td></td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>1080p (1920 x 1080) to CIF (352 x 288)</td>
<td>8.0MP (3840 x 2160) to CIF (352 x 288)</td>
</tr>
<tr>
<td><strong>Frame Rate</strong></td>
<td>D1 (1 ~ 25fps)</td>
<td>H.264: 448K ~ 8192Kbps / MJPEG: 4096K ~ 20480Kbps</td>
</tr>
<tr>
<td><strong>Video Compression</strong></td>
<td>H.264 / MJPEG</td>
<td>H.265: 14 ~ 9984Kbps / H.264: 24 ~ 16384Kbps</td>
</tr>
<tr>
<td><strong>Bit Rate Control</strong></td>
<td>Constant bit rate (CBR) / Variable bit rate (VBR)</td>
<td></td>
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<tr>
<td><strong>Ethernet</strong></td>
<td>RJ-45 (10/100Base-T)</td>
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<tr>
<td><strong>Protocol</strong></td>
<td>HTTP; HTTPS; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/IPv6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP</td>
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<tr>
<td><strong>Streaming Method</strong></td>
<td>Unicast / Multicast</td>
<td></td>
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<tr>
<td><strong>Max. User Access</strong></td>
<td>10 Users / 20 Users</td>
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<tr>
<td><strong>Video Interface</strong></td>
<td>1 Output (Vip 75Oh)</td>
<td></td>
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<tr>
<td><strong>Audio Interface</strong></td>
<td>1 Input, 1 Output / Compression: G.711a, G.711mu, G.726, AAC</td>
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<tr>
<td><strong>Alarm Interface</strong></td>
<td>7 Inputs / 2 Outputs</td>
<td></td>
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<tr>
<td><strong>Network Interface</strong></td>
<td>MicroSD Card (up to 128GB) / NAS / Local PC</td>
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<tr>
<td><strong>Interoperability</strong></td>
<td>ONVIF / PSIA / Cui</td>
<td></td>
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<tr>
<td><strong>Power Supply</strong></td>
<td>24VAC / 3A / Hi-PoE (IEEE802.3at)</td>
<td></td>
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<tr>
<td><strong>Power Consumption</strong></td>
<td>&lt;240W</td>
<td></td>
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<tr>
<td><strong>Operating Conditions</strong></td>
<td>-40° ~ +70° C / Less than 90% RH</td>
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<tr>
<td><strong>Ingress Protection</strong></td>
<td>IP67</td>
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<tr>
<td><strong>Vandal Resistance</strong></td>
<td>N/A</td>
<td></td>
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<tr>
<td><strong>Housing</strong></td>
<td>Metal</td>
<td></td>
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<tr>
<td><strong>Pan/Tilt/Rotation</strong></td>
<td>Pan: 0° ~ 360° ; Tilt: -20° ~ 90° ; Rotation: 0° ~ 360°</td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>Ø240mm x 357mm</td>
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<tr>
<td><strong>Net Weight</strong></td>
<td>6.75kg</td>
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