



Identify people & vehicles.

Professional AI Series: Motorised AI bullet cameras in 4.0MP

The Professional AI Series identifies people & vehicles using machine learning, to reduce false motion detection alerts and provide meaningful video event notifications in real-time. When used in conjunction with a VIP Vision NVR, person and vehicle events can be isolated in footage playback to improve surveillance efficiency.

- Stream up to 4.0MP (2688 x 1520) at 20fps
- H.265 encoding for efficient storage & streaming
- Up to 60m infrared range; true day/night (auto ICR)
- Back/highlight compensation & true WDR (120dB)
- MicroSD slot for recording at the edge up to 256GB
- Intelligent AI detection to identify people & vehicles
- Smart Motion Detection (SMD+) & Perimeter Protection to prevent false alarms, using VIP Vision NVRs
- 3D digital noise reduction & auto white balance
- IP67 weather rated housing for outdoor use



Record at 4K Ultra HD Resolution



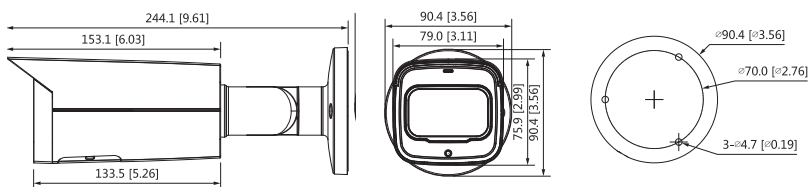
Smart Person & Vehicle Detection



Superb Low Light Performance

| Specifications | | 4.0MP Motorised AI Bullet | |
|-----------------------------|-------------------------------------|--|-------------------|
| Ordering Information | | VSIPP-4BIRMG-I: 4.0MP Standard | |
| Camera | Image Sensor | 1/3" 4.0MP Progressive Scan CMOS | |
| | Effective Pixels | 2688 (H) x 1520 (V) | |
| | RAM / ROM | 128MB / 128MB | |
| | Min Illumination | 0.005 Lux/F1.5 (Color) | |
| | S/N Ratio | > 56dB | |
| | Infrared System | 4 x Infrared LED, 60m range, Auto/manual on/off control | |
| Lens | Lens / Iris | 2.7 ~ 13.5mm F1.5 Motorised Varifocal Lens with Fixed Iris | |
| | Field of View | Horizontal: 104°~27°, Vertical: 55°~15° (5x Optical Zoom) | |
| | Focus | Auto Focus / 0.8m Min. Focus Distance | |
| DORI | Detect (25px/m) | 64m (wide) / 220m (tele) | |
| | Observe (63px/m) | 26m (wide) / 88m (tele) | |
| | Recognise (125px/m) | 13m (wide) / 44m (tele) | |
| | Identify (250px/m) | 6m (wide) / 22m (tele) | |
| Video | Resolution | 4.0MP (2688 x 1520) to CIF (352 x 288) | |
| | Frame Rate | Main | 4.0MP (1 ~ 20fps) |
| | | Sub | D1 (1 ~ 25fps) |
| | | Third | 720p (1 ~ 25fps) |
| | Video Compression | H.265+ / H.265 / H.264+ / H.264 / H.264H / H.264B / MJPEG | |
| | Bit Rate | H.265: 12 ~ 6144Kbps / H.264: 32 ~ 6144Kbps | |
| | Bit Rate Control | Constant bit rate (CBR) / Variable bit rate (VBR) | |
| | Day/Night | Auto (ICR) / Color / B&W | |
| | Lighting Compensation | BLC / HLC / WDR (120dB) | |
| | White Balance | Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom | |
| | Gain Control | Auto / Manual | |
| Noise Reduction | 3D DNR | | |
| Picture Control | Mirror / Flip (0°, 90°, 180°, 270°) | | |
| IVS | Video Functions | Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared | |
| | AI Functions | Smart Motion Detection (SMD+): People and vehicle detection using motion detection Perimeter Protection: People and vehicle detection using tripwire or intrusion rules | |
| | Intelligent Search | Search people or vehicle detection events (SMD+, Perimeter Protection) | |
| Network | Ethernet | RJ-45 (10/100Base-T) | |
| | Protocol | IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP | |
| | Streaming Method | Unicast / Multicast | |
| | Max. User Access | 20 Users | |
| Interface | Video Interface | N/A | |
| | Audio Interface | 1 input (RCA Port) / 1 output (RAC Port) / Audio Compression - G.711a; G.711Mu; G726; AAC | |
| | Alarm Interface | 1 channel in: 5mA 5VDC / 1 channel out: 300mA 12VDC | |
| | RS485 | N/A | |
| | Edge Storage | MicroSD Card (up to 256GB) / NAS | |
| Environmental | Interoperability | ONVIF / P2P / CGI / Milestone / Genetec | |
| | Power Supply | 12VDC / PoE (802.3af) | |
| | Power Consumption | <9.6W | |
| | Operating Conditions | -30°C ~ +60°C / ≤95% RH | |
| | Ingress Protection | IP67 | |
| | Vandal Resistance | N/A | |
| | Housing | Metal | |
| | Pan/Tilt/Rotation | Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotation: 0° ~ 360° | |
| | Dimensions | Ø90mm x 244mm | |
| | Net Weight | 0.90kg | |

Application



| Junction Box | | Pole Mount |
|-----------------------|------------------------|-------------------------|
| VSBKTA130E | VSBKTA122 | VSBKTA130E + VSBKTA152E |
| Pole Mount | Corner Mount | |
| VSBKTA122 + VSBKTA15E | VSBKTA130E + VSBKTA151 | VSBKTA122 + VSBKTA151 |

Your local VIP Vision™ IP solutions professional: