



# Complete 360° AI coverage.

## Fisheye AI Series: 360° Fisheye IP Camera with AI people counting in 5.0MP

The Fisheye AI Series 360° dome performs the duties of multiple cameras, with the powerful benefit of AI-powered people counting and heat mapping functions. Receive real-time alerts when a certain number of people enter an area with AI people & area counting or set up heat map to observe the amount of time people spend in areas.

- Stream up to 5.0MP (2592 x 1944) at 25fps
- Circular fisheye lens with 360° viewing angle
- Dewarp modes\* for ceiling, floor & wall mounting
- Virtual PTZ, panorama, & camera split dewarp modes
- Up to 10m infrared range; true day/night (auto ICR)
- AI-enhanced people counting/tracking for real-time alerts, statistics and business analytics
- Heat map, queue management & regions of interest
- IVS functionality including tripwire, intrusion & more
- MicroSD card slot for edge recording up to 256GB



**Record Beyond Double Full HD**



**Fisheye Image Dewarp Modes**



**AI Enhanced People Counting**

| Specifications              |  | 5.0MP 360° Fisheye with AI People Counting   |   |
|-----------------------------|--|--|---|
| <b>Ordering Information</b> |  | <b>VSIPFE-5IR-I: Standard</b>  |   |
| <b>Camera</b>               | Image Sensor   | 1/2.7" 5.0MP Progressive Scan CMOS   |   |
|                             | Effective Pixels   | 2592 (H) x 1944 (V)  |   |
|                             | RAM / ROM  | 512GB / 128GB  |   |
|                             | Min Illumination   | 0.006 Lux/F2.0   |   |
|                             | S/N Ratio  | >56dB  |   |
|                             | Infrared System  | 3 x Infrared LED, 10m range  |   |
|                             | <b>Lens</b>  | Lens / Iris  | 1.4mm F2.0 Fixed Focal Lens with Fixed Iris |
| Field of View               |  | Horizontal: 180°, Vertical: 180°   |   |
| Focus                       |  | 0.2m Min. Focus Distance   |   |
| DORI                        |  | Detect (25px/m): 28m / Observe (63px/m): 11.2m / Recognise (125px/m): 5.6m / Identify (250px/m): 2.8m  |   |
| <b>Video</b>                | Resolution   | 5.0MP (2592 x 1944) to CIF (352 x 288)   |   |
|                             | Frame Rate   | Main   | 5.0MP (1 ~ 25fps)                           |
|                             |  | 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   | H264: 3Kbps-8192Kbps; H265: 3Kbps-8192Kbps   |   |
|                             | 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   |  |   |
| Dewarping Modes             | Original (no dewarp) / Panoramic / Double Panoramic / Virtual PTZ / Original + 3 split, + 4 split, + 8 split |  |   |
| <b>IVS</b>                  | Intelligent Functions  | Intrusion, Tripwire, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones) Smart Infrared, Heat Map                                |   |
|                             | People Counting  | Area People Counting (Number of people, People quantity thresholds, 4 zones), Heat Mapping (Number of people and time spent)                                     |   |
| <b>Network</b>              | 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; PPPoE; 802.1x; SNMP |   |
|                             | Streaming Method   | Unicast / Multicast  |   |
|                             | Max. User Access   | 20 Users (Total bandwidth: 64M)  |   |
| <b>Interface</b>            | Video Interface  | N/A  |   |
|                             | Audio Interface  | 1 Channel Input (RCA), 1 Built-in Mic / 1 Channel Output / Audio Compression: PCM, G.711A, G.711Mu, G726, AAC  |   |
|                             | Alarm Interface  | 1 Channel Input (5mA 3VDC ~ 5VDC) / 1 Channel Output (300mA 12VDC)   |   |
|                             | RS485  | N/A  |   |
|                             | Edge Storage   | MicroSD Card (up to 256GB) / FTP / SFTP / NAS  |   |
|                             | Interoperability   | ONVIF (Profile S / Profile G / Profile T), CGI, Milestone, Genetec, P2P  |   |
| <b>Environmental</b>        | Power Supply   | 12VDC / PoE  |   |
|                             | Power Consumption  | <3.6W (12VDC) / <4.4W (PoE) / <8.8W (Max.)   |   |
|                             | Operating Conditions   | -10°C to +50°C, ≤95% RH  |   |
|                             | Ingress Protection   | N/A  |   |
|                             | Vandal Resistance  | N/A  |   |
|                             | Housing  | Metal + Plastic  |   |
|                             | Pan/Tilt/Rotation  | N/A  |   |
|                             | Dimensions   | Ø126.2mm x 44.6mm  |   |
| Net Weight                  | 0.3kg  |  |   |

### Application

Side View Dimension: 44.7 [1.76]  
 Top View Dimensions:  
 - Outer Diameter: Ø126.2 [Ø4.97]  
 - Inner Diameter: Ø98.3 [Ø3.87]  
 - Mounting Hole Diameter: 3-4.4 [Ø0.17]

|                         |
|-------------------------|
| Wall Mount              |
| VSBKTB203W              |
| Pole Mount              |
| VSBKTB203W + VSBKTA152E |

Your local VIP Vision™ IP solutions professional: