



# Panoramic IP surveillance.

## Panorama Series: 180° view multi-sensor dome camera in 8.0MP

Designed to perform the duties of multiple cameras, the panorama series uses a unique configuration of multiple sensors and lenses to deliver 180° of surveillance coverage. Simplify entire surveillance systems with one camera.

- 4096 pixels horizontal panoramic images at 25fps
- Unique multi-sensor & lens delivers 180° field of view
- Panoramic image seamlessly stitched in-camera
- 30m range 180° view infrared & auto ICR day/night
- Face detection & video analytics, eg: heat map
- MicroSD card slot for edge recording up to 128GB
- H.265 high efficiency video compression support
- Audio and alarm interface input/outputs
- BLC / HLC and 3D digital noise reduction
- IP67 weather & IK10 vandal resistant housing



Wide Panoramic View & Infrared



Superb Low Light Performance



Vandal & Weather Resistant

| Specifications              |                       | 8.0MP Panorama Dome  |   |  |   |  |  |   |  |
|-----------------------------|-----------------------|--|---|--|---|--|--|---|--|
| <b>Ordering Information</b> |                       | VSIP8MPPADV2: Standard   |   |  |   |  |  |   |  |
| <b>Camera</b>               | Image Sensor          | 4 x 1/2.8" 2.0MP Progressive Scan CMOS   |   |  |   |  |  |   |  |
|                             | Effective Pixels      | 4096 (H) x 1800 (V)  |   |  |   |  |  |   |  |
|                             | RAM / ROM             | 1024MB / 128MB   |   |  |   |  |  |   |  |
|                             | Min. Illumination     | Colour: 0.007 Lux (F2.0, 1/3s) / 0.05 Lux (F2.0, 1/30s), 0 Lux/F2.0 (B/W)  |   |  |   |  |  |   |  |
|                             | S/N Ratio             | > 50dB   |   |  |   |  |  |   |  |
|                             | Infrared System       | 6 x Infrared LED, 30m range, Auto/Manual on/off control  |   |  |   |  |  |   |  |
| <b>Lens</b>                 | Lens / Iris           | 2.8mm F2.0 Fixed Lens  |   |  |   |  |  |   |  |
|                             | Field of View         | Horizontal: 180°, Vertical: 80°  |   |  |   |  |  |   |  |
|                             | Focus                 | Fixed  |   |  |   |  |  |   |  |
| <b>DORI</b>                 | Detect (25px/m)       | 41m  |   |  |   |  |  |   |  |
|                             | Observe (63px/m)      | 16m  |   |  |   |  |  |   |  |
|                             | Recognise (125px/m)   | 8m   |   |  |   |  |  |   |  |
|                             | Identify (250px/m)    | 4m   |   |  |   |  |  |   |  |
| <b>Video</b>                | Resolution            | 4096 x 1800 (approx. 7.4MP) to 1024 x 452 (approx. 0.5MP)  |   |  |   |  |  |   |  |
|                             | Frame Rate            | Main   | 4096 x 1800 (1~25fps)                   |  |   |  |  |   |  |
|                             |                       | Sub  | 1024 x 452 (1 ~ 25fps)                  |  |   |  |  |   |  |
|                             |                       | Third  | 1920 x 832 (1 ~ 25fps)                  |  |   |  |  |   |  |
|                             | Video Compression     | H.265 / H.264  |   |  |   |  |  |   |  |
|                             | Bit Rate              | H.265: 9 ~ 9472Kbps / H.264: 24 ~ 15616Kbps  |   |  |   |  |  |   |  |
|                             | Bit Rate Control      | Constant bit rate (CBR) / Variable bit rate (VBR)  |   |  |   |  |  |   |  |
|                             | Day/Night             | Auto (ICR) / Color / B&W   |   |  |   |  |  |   |  |
|                             | Lighting Compensation | BLC / HLC / DWDR   |   |  |   |  |  |   |  |
|                             | White Balance         | Auto / Natural / Street Lamp / Outdoor / Manual  |   |  |   |  |  |   |  |
| Gain Control                | Auto / Manual         |  |   |  |   |  |  |   |  |
| Noise Reduction             | 3D DNR                |  |   |  |   |  |  |   |  |
| <b>IVS</b>                  | Intelligent Functions | Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones), Smart Infrared, Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, People Counting, Heat Map, E-PTZ |   |  |   |  |  |   |  |
| <b>Network</b>              | Ethernet              | RJ-45 (100/1000Base-T)   |   |  |   |  |  |   |  |
|                             | Protocol              | HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; SNMP; QoS; UPnP; NTP  |   |  |   |  |  |   |  |
|                             | Streaming Method      | Unicast / Multicast  |   |  |   |  |  |   |  |
|                             | Max. User Access      | 10 Users / 20 Users  |   |  |   |  |  |   |  |
| <b>Interface</b>            | Video Interface       | 1 Port (for adjustment only)   |   |  |   |  |  |   |  |
|                             | Audio Interface       | 1 Input, 1 Output / Compression: G.711a / G.711Mu / AAC / G.726  |   |  |   |  |  |   |  |
|                             | Alarm Interface       | 2 Inputs / 2 Output  |   |  |   |  |  |   |  |
|                             | RS485                 | N/A  |   |  |   |  |  |   |  |
|                             | Edge Storage          | MicroSD Card (up to 128GB) / NAS / Local PC  |   |  |   |  |  |   |  |
| <b>Environmental</b>        | Interoperability      | ONVIF / PSIA / CGI   |   |  |   |  |  |   |  |
|                             | Power Supply          | 24VAC / PoE+ (802.3at)   |   |  |   |  |  |   |  |
|                             | Power Consumption     | <25.5W   |   |  |   |  |  |   |  |
|                             | Operating Conditions  | -40° ~ +60° C / Less than 95% RH   |   |  |   |  |  |   |  |
|                             | Ingress Protection    | IP67   |   |  |   |  |  |   |  |
|                             | Vandal Resistance     | IK10   |   |  |   |  |  |   |  |
|                             | Housing               | Metal  |   |  |   |  |  |   |  |
|                             | Pan/Tilt/Rotation     | Pan: 0°~355° ; Tilt: 0°~75° ; Rotation: ±20°   |   |  |   |  |  |   |  |
| Dimensions                  | Ø212mm x 169.5mm      |  |   |  |   |  |  |   |  |
| Net Weight                  | 3.60kg                |  |   |  |   |  |  |   |  |
| <b>Application</b>          | Mounting Options      |  |   |  |   |  |  |   |  |
|                             |                       | Included accessory<br>VSBKTA111<br><i>Requires to mount VSBKTB300C/303W</i>  | Ceiling Mount<br>VSBKTA111 + VSBKTB300C | Junction Mount<br>VSBKTA111 + VSBKTB303W + VSBKTA120 | Power Box Mount<br>VSBKTA111 + VSBKTB303W + VSBKTA140 | Pole Mount<br>VSBKTA111 + VSBKTB303W + VSBKTA150 | Corner Mount<br>VSBKTA111 + VSBKTB303W + VSBKTA151 | Parapet Mount<br>VSBKTA111 + VSBKTB303S |  |

Your local VIP Vision™ IP solutions professional: