



Amazing colour in darkness.

Professional Series: 24/7 Colour fixed lens domes available in 2.0MP

Designed specially for low light applications, VIP Vision 24/7 Colour cameras captures vivid colour footage in the most challenging lighting conditions with their high performance image sensors and large aperture lenses.

- Stream up to Full HD 1080p (1920 x 1080) at 25fps
- Vibrant colour footage in lighting as low as 0.001lux
- H.265 encoding for efficient storage & streaming
- MicroSD slot for recording at the edge up to 128GB
- Virtual tripwire, area intrusion, face detection & more
- Back/highlight compensation & true WDR (120dB)
- Audio and alarm interface input/outputs
- 3D digital noise reduction & auto white balance
- IP67/IK10 rated weather and vandal resistance
- ePoE for up to 800m transmission (*ePoE NVRs only*)



24/7 Colour Night Recording



Extended PoE up to 800m



Weather & Vandal Resistant

| Specifications | | 2.0MP 24/7 Colour Fixed Dome | |
|-----------------------------|-------------------------------------|--|-------------------|
| Ordering Information | | VSIP2MPVDFC: Standard | |
| Camera | Image Sensor | 1/2.8" 2.0MP Progressive Scan CMOS | |
| | Effective Pixels | 1920 (H) x 1080 (V) | |
| | RAM / ROM | 256MB / 32MB | |
| | Min Illumination | 0.001 Lux/F1.0 (Color) | |
| | S/N Ratio | > 50dB | |
| | Infrared System | N/A | |
| Lens | Lens / Iris | 3.6mm F1.0 Fixed Lens | |
| | Field of View | H: 87°, V: 54° | |
| | Focus | Fixed | |
| DORI | Detect (25px/m) | 53m | |
| | Observe (63px/m) | 21m | |
| | Recognise (125px/m) | 11m | |
| | Identify (250px/m) | 5m | |
| Video | Resolution | 1080p (1920 x 1080) to CIF (352 x 288) | |
| | Frame Rate | Main | 1080p (1 ~ 25fps) |
| | | Sub | D1 (1 ~ 25fps) |
| | | Third | 1080p (1 ~ 25fps) |
| | Video Compression | H.265+ / H.265 / H.264+ / H.264 / MJPEG | |
| | Bit Rate | H.265: 14 ~ 9984Kbps / H.264: 24 ~ 10240Kbps | |
| | Bit Rate Control | Constant bit rate (CBR) / Variable bit rate (VBR) | |
| | Day/Night | Colour (Default) / Auto (Electronic) / B&W | |
| | Lighting Compensation | BLC / HLC / WDR (120dB) | |
| | White Balance | Auto / Natural / Street Lamp / Outdoor / Manual | |
| | Gain Control | Auto / Manual | |
| Noise Reduction | 3D DNR | | |
| Picture Control | Mirror / Flip (0°, 90°, 180°, 270°) | | |
| IVS | Intelligent Functions | Tripwire, Intrusion, Object Abandoned/Missing, Face Detection, Motion Detection (4 zones), Region of Interest (4 zones), Privacy Masking (4 zones) | |
| Network | Ethernet | RJ-45 (10/100Base-T) | |
| | Protocol | HTTP; HTTPS; TCP; ARP; RTP; RTCP; UDP; PPPoE; IEEE802.1X; SMTP; SNMP; FTP; DHCP; DNS; DDNS; PPPoE; IPV4/V6; QoS; UPnP; NTP; Bonjour; IEEE 802.1X; Multicast; ICMP; IGMP; TLS; SSH; NFS | |
| | Streaming Method | Unicast / Multicast | |
| | Max. User Access | 10 Users / 20 Users | |
| Interface | Video Interface | N/A | |
| | Audio Interface | 1 Input, 1 Output / Compression: G.711a, G.711Mu, AAC, G.726 | |
| | Alarm Interface | 1 Channel In (5mA 5VDC) / 1 Channel Out (300mA 12VDC) | |
| | RS485 | N/A | |
| | Edge Storage | MicroSD Card (up to 128GB) / NAS / Local PC | |
| Interoperability | ONVIF Profile S&G, API | | |
| Environmental | Power Supply | 12VDC / PoE (802.3af) (Class 0) | |
| | Power Consumption | <3.7W | |
| | Operating Conditions | -30° ~ +60° C / Less than 95% RH | |
| | Ingress Protection | IP67 | |
| | Vandal Resistance | IK10 | |
| | Housing | Metal | |
| | Pan/Tilt/Rotation | Pan: 0° ~ 360°; Tilt: 0° ~ 78°; Rotation: 0° ~ 360° | |
| | Dimensions | Ø122mm x 89mm | |
| Net Weight | 0.58kg | | |

| | | Fixed Dome Installation | | | | | | |
|--------------------|-------------------------|-------------------------------|------------------------------------|--|--|---|--|---|
| Application | Diagrams | | | | | | | |
| | Mounting Options | Junction Box VSBKTA137 | In-Ceiling Mount VSBKTB200C | Right Angle Wall Mount VSBKTB203W | Ceiling Extension VSBKTA106 + VSBKTB220C | Right Angle Wall Mount VSBKTA106 + VSBKTB305W | Wall Mount Rain Shield VSBKTA200W | Pole Mount VSBKTA152 + VSBKTB203W |