## PANVIP-4K

8MP STITCHED 180° PANORAMIC NETWORK CAMERA





- Four 2MP video modules to stitch one 8MP (4096x1800), 180° panoramic view stream
- True starlight technology (0.008lux@ F2.0 AGC on) provides vivid color
- 20m smart IR provides clear and uniform B/W images under no light conditions
- DWDR, 3D DNR, BLC, HLC
- Recognizes max. 50 faces/s within a public area
- Alarm triggered by multi-rules: line crossing, intrusion, device error
- 5 zones of e-PTZ, 4 zones of privacy masks and custom logo support.
- ONVIF interoperability
- Supports both PoE (802.3.af) and DC12V
- IP67 & IK10 rated; Metal body

| Specification          | PANVIP-4K   |
|------------------------|---|
| Camera                 |   |
| Image Sensor           | 1/2.8" progressive scan, CMOS image sensor x4   |
| Min. Illumination      | Colour: 0.008Lux @ (F2.0, AGC ON); B/W: 0.008Lux @ (F2.0, AGC ON); 0Lux with IR   |
| Image Setting          | Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser   |
| Shutter Speed          | 1/1s – 1/10,000 s   |
| White Balance          | Auto/Manual/Indoor/Outdoor  |
| Gain                   | Auto/Manual   |
| Day & Night            | IR Cut filter   |
| Digital Zoom           | 16x   |
| Privacy Mask           | 4 programmable privacy masks  |
| 3D DNR                 | Auto / Manual   |
| BLC                    | Yes   |
| HLC                    | Yes   |
| WDR                    | DWDR  |
| Defog                  | Electronic  |
| EIS                    | Yes   |
| Picture Overlay        | Logo can be overlaid onto video   |
| Lens                   |   |
| Focus Length           | 3.2mm lens x4   |
| Aperture               | F2.0  |
| FOV                    | Panoramic Image: Horizontal FOV:180°; Vertical FOV: 85°   |
| Working Distance       | 1.0m ~ INF  |
| IR                     |   |
| IR Range               | 20m   |
| Smart IR               | Yes   |
| Network                |   |
| Max Resolution         | 4096x1800@25/30fps  |
| Main Stream            | 4096 x 1800, 3840 × 1680 , 2880 × 1264(1~30fps)   |
| Sub Stream:            | 2048 × 896, 704 × 320(1~30fps)  |
| Third Stream:          | 704 × 320 ( 1~30fps )   |
| SVC                    | Yes   |
| Video Compression      | Smart H.265/H.264/MJPEG   |
| Audio Compression      | G.711 A/U   |
| Protocols              | HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP,<br>SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP,<br>ICMP,DHCP, PPPoE                         |
| Simultaneous Live View | Up to 6 channels  |
| User / Host            | Up to 16 users, 3 levels: Administrator, Advanced User and Normal User  |
| Security Measures      | User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based net-<br>work access control; IP address filtering |

www.qvis.co.uk

## PANVIP-4K

- Four 2MP video modules to stitch one 8MP (4096x1800),
- True starlight technology (0.008lux@ F2.0 AGC on) provides vivid color

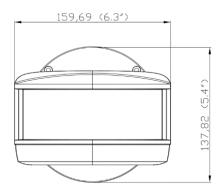
180° panoramic view stream

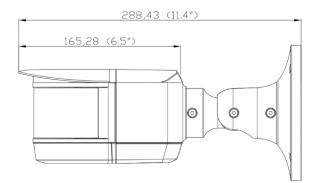
- 20m smart IR provides clear and uniform B/W images under no light conditions
- DWDR, 3D DNR, BLC, HLC

•

- Recognizes max. 50 faces/s within a public area
- Alarm triggered by multi-rules: line crossing, intrusion, device error
- 5 zones of e-PTZ, 4 zones of privacy masks and custom logo support.
- ONVIF interoperability
- Supports both PoE (802.3.af) and DC12V
- IP67 & IK10 rated; Metal body

| Creation                      |   |  |
|-------------------------------|---|--|
| Specification                 | PANVIP-4K   |  |
| Smart Features                |   |  |
| Basic Event                   | Motion detection (panorama and original modes support),<br>video tampering alarm, exception (network disconnected,<br>IP address conflict, SD full, SD error) |  |
| Face Recognition              | Max 50 human faces per second (off by default)  |  |
| Face Comparison               | Off by default  |  |
| Smart Detection               | Intrusion detection, line crossing detection, region entrance detection, region exiting detection, target counting  |  |
| Alarm Linkage                 | Upload to FTP/Memory card, notify surveillance center,<br>send email, trigger alarm output, trigger recording, trigger<br>capture                             |  |
| System Integration            |   |  |
| Alarm Interface               | 1CH alarm input; 1CH alarm output   |  |
| Audio Interface               | 1CH audio input, 2 to 2.4v[p-p] 1k $\Omega$ ±10%; 1CH audio output (line out), impedance: 600 $\Omega$  |  |
| Network Interface             | 1 RJ45 10M/100M Adaptive Ethernet (Support PoE 802.3.af)  |  |
| RS 485                        | Pelco-D / P protocol, custom protocols available  |  |
| Storage                       | Built-in memory card slot, support microSD/SDHC/SDXC, up to 256G  |  |
| API                           | ONVIF, supports third-party management platforms  |  |
| Web Browser                   | IE 8-11 (does NOT support Safari/Firefox/Chrome)  |  |
| General                       |   |  |
| Power                         | DC12V,PoE (802.3.af), (Max 12.9W, include IR on )   |  |
| Working Condition             | -30°C ~ 60°C (-22°F ~ 140 °F), 90% RH less<br>(non-condensing), cold start at -20°C   |  |
| Storage Condition             | -40°C ~ 70°C ; ≤ 95%RH  |  |
| Protection                    | IP67, IK10, 6000V Lightning Protection, Surge Protection<br>and Voltage Transient Protection  |  |
| Material                      | Aluminum Alloy; PC  |  |
| Angle Adjustment              | Pan: 0~360°; Tilt: 0~90°; Rotation: 0~360°  |  |
| Dimensions (mm)               | 288.4 x 159.7 x 137.7   |  |
| Weight (net)                  | Approx. 2.1KG   |  |
| Certification                 | CE, FC, IK10, IP67  |  |
| <b>Environment Protection</b> | Complies with Directive EU RoHS, WEEE, Directive 94/62/<br>EC and REACH   |  |







## www.qvis.co.uk