

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 x 1680 , 2880 x 1264[1~30fps]
Sub Stream:	2048 x 896, 704 x 320[1~30fps]
Third Stream:	704 x 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, SNMP,DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, 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 network access control; IP address filtering

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Specification	PANVIP-4K
Smart Features	
Basic Event	Motion detection (panorama and original modes support), video tampering alarm, exception (network disconnected, 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, send email, trigger alarm output, trigger recording, trigger capture
System Integration	
Alarm Interface	1CH alarm input; 1CH alarm output
Audio Interface	1CH audio input, 2 to 2.4v[p-p] 1kΩ±10%; 1CH audio output (line out), impedance: 600Ω
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 (non-condensing), cold start at -20°C
Storage Condition	-40°C ~ 70°C ; ≤ 95%RH
Protection	IP67, IK10, 6000V Lightning Protection, Surge Protection 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
Environment Protection	Complies with Directive EU RoHS, WEEE, Directive 94/62/EC and REACH

