

# PANVIP-16MP-W

16MP STITCHED 180° PANORAMIC NETWORK CAMERA



- Four 4MP video modules to stitch one 16MP (5520x2400), 180° panoramic view stream
- True starlight technology (0.008lux@ F2.0 AGC on) provides vivid color
- 25m smart IR provides clear and uniform B/W images under no light conditions
- DWDR, 3D DNR, BLC, HLC
- Recognizes max. 100 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-16MP-W
<b>Camera</b>	
Image Sensor	1/1.8" 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
<b>Lens</b>	
Focus Length	4.5mm lens x4
Aperture	F2.0
FOV	Panoramic Image: Horizontal FOV:180°; Vertical FOV: 85°
Working Distance	1.0m ~ INF
<b>IR</b>	
IR Range	25m
Smart IR	Yes
<b>Network</b>	
Max Resolution	5520x2400@25/30fps
Main Stream	5520 x 2400, 3840 x 1680, 2880 x 1200(25/30fps)
Sub Stream:	2048 x 896, 704 x 320(25/30fps)
Third Stream:	704 x 320 (25/30fps )
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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<b>Smart Features</b>	
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 100 human faces per second (off by default)
Face Comparison	Off by default
People Density Statics	Yes (panorama mode only)
Smart Detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection
ePTZ	5 Zones, auto trace and zoom fit
Alarm Linkage	Upload to FTP/Memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
<b>System Integration</b>	
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/1000M Adaptive Ethernet (Supports PoE 802.3.at)
CVBS	Optional
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)
<b>General</b>	
Power	DC12V,PoE (802.3.af), (Max 25W, 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
Dimensions (mm)	288.4 x 159.7 x 137.7
Weight (net)	Approx. 2.1KG
Certification	ROHS, CE, FC, IK10, IP67

