



Point Vision PV6AXPAN 12 MP 360° Panoramic View Network Camera

This platform offers 360° overview and de-warped views like panorama, view area, corridor, corner and quad views, with outstanding sharpness.

- Modular & Portable
- Web-based User Interface
- Integrated Climate Control
- Intel PC w/Windows 10
- Cellular/WiFi/Wireless
- 802.3 AT Internal/External POE Power Ports
- 12VDC, 24 VDC, 56 VDC Available to Power Accessories
- SNMP Communications

The Point Vision (PV) product line is the world's smartest IoT Video Surveillance Platform. The PV video cameras are internally networked with a cellular router and Windows based PC that capture, store, analyze video and stream (locally) at the edge. Each device is configured with two onboard computers, POE switch, router with embedded 4G LTE modem, Wi-Fi, wireless, and PTZ or fixed cameras. Video can be stored and streamed anywhere there is a cellular and/or hard-wire Ethernet connection. Proprietary Web-based GUI connects the user remotely to each device for configuration and power management.



PV6AXPAN DATASHEET

Environmental Specifications

Operating Temperature	-40 - 140°C
Weather Resistance	IP66

Input Power

Input Voltage Range	100-240 VAC
Input AC Frequency	50/60 Hz
Max Power Consumption	7.5A at 120V (900 Watts)
Typical Power Consumption	1.3A at 120V (177 Watts)

Physical Specifications

Weight	12.4Kg (27.3 lbs)
Dimensions (H x W x D)	508 x 340 x 458 (20" x 13.375" x 18")

Network Specifications

Ethernet Switch	4 Port 10/100Mb
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Climate Control

Peltier Based Cooling System	
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Included Devices

Included Devices	Model Number
Intel NUC	NUC6i5SYK
12MP Axis Panoramic Camera	M3048-P
Cradlepoint Cellular Router	IBR600
Ubiquity 5 Port ToughSwitch	TS-POE-5

Intel NUC

Model	NUC6i5SYK
Processor	i5-6260U
Processor Cores	2
Processor Speed	1.8GHz turbo boost to 2.9GHz
Memory	up to 32GB DDR4
Storage	up to 2TB M.2 SSD, or 2.5" Hard Drive
Graphics	Intel Iris Graphics 540
Operating System	Windows 10 IOT

Axis Camera

Model	M3048-P
Image Sensor	12 MP (4000x3000) 1/1.7" progressive scan RGB CMOS
Minimum Illumination	0.35 lux at 50 IRE F2.8
Electronic Shutter Speed	1/25000 s to 1/2 s
Lens Type	F2.8, Fixed iris, Fixed focus, 1.65 mm Horizontal field of view: 185° Vertical field of view: 185°
ONVIF Compliance	ONVIF® Profile S and ONVIF® Profile G
Max Resolution	360° overview: 2880x2880 to 480x480 Panorama: 2560x720 to 640x240 Double Panorama: 2560x1440 to 480x360 Quad view: 2560x1440 to 480x360 View area: 2048x1152 to 480x360 Corner left or right: 1920x720 to 640x240 Double Corner: 1920x1440 to 480x360 Corridor: 2560x1440 to 640x360
Max Framerate	360° overview only, up to 2880x2880: 30/25 fps @ 60Hz/50Hz Dewarped view in max resolution + 360° overview up to 2048x2048: 15/13 fps @ 60Hz/50Hz

Cradlepoint Router

Model	IBR600
Cellular	Integrated 3G/4G Modem
Ethernet	2 LAN/WAN Ports
WiFi	Wireless 2x2 MIMO "N" (802.11 b/g/n)
WiFi Security	WEP, WPA, WPA2, WPA2 Enterprise with AES encryption
Security	Zone-based Firewall, SPI, and NAT
VPN	IPsec VPN (up to 5 concurrent sessions)

Ubiquity ToughSwitch

Model	TS-POE-5
LAN Ports	5 10/100/1000Mb Ports (2 Free with all Internal devices hooked up)
Management Port	1 10/100Mb Port
POE	Configurable 24V Passive POE on LAN Ports