



Point Vision PV8AXBC Multi-Cam Network Camera

This platform is ideal for applications such as intersections where the typical installation would require three cameras.

- 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.



PV8AXBC DATASHEET

Environmental Specifications

Operating Temperature	-40 to 60°C (-40 - 140°F)
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	11.7Kg (26 lbs)
Dimensions (H x W x D)	458 x 340 x 458 (18" x 13.375" x 18")

Network Specifications

Ethernet Switch	4 Port 10/100Mb
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Climate Control

Peltier Based Cooling System	Turns on at 110° F (43.3° C)
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Included Devices

	Model Number
Intel NUC	NUC6i5SYK
3 Axis Bullet Cameras	M2025-LE
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	8GB DDR4
Storage	1 TB M.2 SSD
Graphics	Intel Iris Graphics 540
Operating System	Windows 10 IOT

Axis Cameras

Model	M2025-LE
Image Sensor	1/2.8" progressive scan RGB CMOS
Number of effective pixels	2 Megapixel
Minimum Illumination	Color: 0.2 lux at 50 IRE, F2.0 B/W: 0.04 lux at 50 IRE, F2.0 0 lux with IR illumination on
Lens Type	M12 mount, Fixed iris, Fixed focus 2.8 mm, F2.0 Horizontal field of view: 115° Vertical field of view: 64°
ONVIF Compliance	ONVIF® Profile S and ONVIF® Profile G
Max Resolution	1920x1080
Max Framerate	Up to 25/30 fps with power line frequency 50/60 Hz

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