

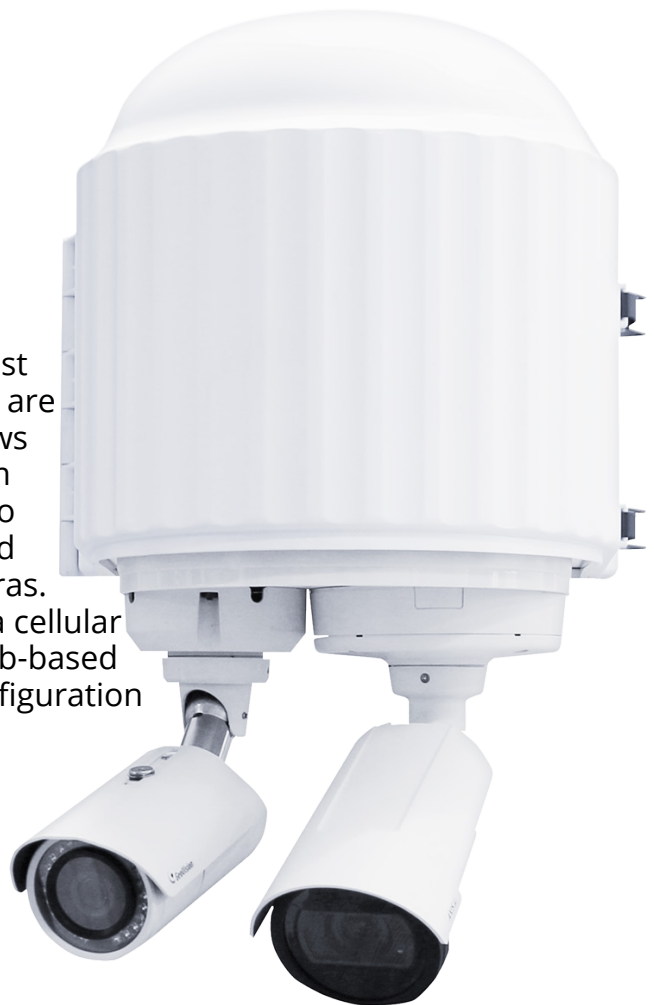


Point Vision PV8GVAXB License Plate Reader and Fixed Bullet Network Cameras

This platform offers the user a 2MP camera designed for recognition of reflective license plates on vehicles traveling up to 75 MPH. The additional fixed bullet camera provides a secondary full view of each vehicle to ensure positive identification.

- 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.



PV8GVAXB 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
Axis Fixed Bullet Camera	P1405-LE Mk II
Geovision LPR Bullet Camera	GV-LPC2211
Cradlepoint Cellular Router	IBR600
Ubiquity 5 Port ToughSwitch	TS-POE-5

Geovision Camera

Model	GV-LPC2211
Image Sensor	1/2.8" color progressive scan super low lux CMOS
Number of effective pixels	2 Megapixel
Minimum Illumination	Color: 0.05 Lux B/W: 0.04 Lux IR On: 0 Lux
Electronic Shutter Speed	Auto, Manual (1/120 ~ 1/2000 sec)
Lens Type	Motorized Varifocal, 9 - 22 mm Horizontal field of view: 39° - 17° F/2.0 - F/3.5
ONVIF Compliance	ONVIF® Profile S and ONVIF® Profile G
Max Resolution	1920x1080
Max Framerate	30 fps at 1920x1080

Axis Camera

Model	P1405-LE Mk II
Image Sensor	Progressive scan CMOS 1/2.8"
Number of effective pixels	2 Megapixel
Minimum Illumination	Color: 0.18 lux at F1.6 B/W: 0.04 lux at F1.6 0 lux with IR illumination on
Electronic Shutter Speed	1/66500 s to 1 s
Lens Type	2.8-10 mm, F1.6 Horizontal field of view 93° -32° Vertical field of view 51° -18° Varifocal, Autofocus, Remote focus and zoom, P-Iris control, IR corrected
ONVIF Compliance	ONVIF® Profile S and ONVIF® Profile G
Max Resolution	1920x1080
Max Framerate	Up to 25/30 fps (50/60 Hz) in all resolutions

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

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