

Vi30005WP

5-Port, 1G, IP67 PoE Powered PoE Switch

Features

- 5-port Layer 2 PoE powered PoE switch
- 100/1000Mbps network speeds, auto sensing
- IP 67 weatherproof/Waterproof
- 6Kv surge protection
- Certified for IEC600068-2-52 for salt laden environments
- Can be powered from a remote PoE source to provide PoE power to all 4 ports
- Up to 36W PoE per port, capable of combining each 2-ports for up to 72W
- Automatic PoE port priority allocation
- Over current shut down protection if allocated PoE budget is exceeded
- Certified (MPC™) high data rate for virtual loss free transmission of cameras
- Type tested to RFC 2544 TCP/IP network bandwidth packet transmission standards
- Type tested for -40°C to +75°C operating temperature range
- Complies with major IEEE standards and RFC network protocols for UTP, TCP/IP, HTTP/HTTPS
- Provides full Layer 2 network switch functionality



Applications

- Transmits multiple high megapixel cameras over a single cable to reduce installation costs
- Perfect solution for multi-imager cameras that require high bandwidth
- Connects multiple network switches to reduce bandwidth restrictions and single point of failure potentials
- Provides PoE power for 60W cameras
- Cost effective solution for multiple cameras transmission between buildings, parking lots, garages and perimeter fence applications
- Prevents packet and bandwidth loss of transmitting high megapixel cameras

Vigitron's MaxiiNet™ Vi30005WP fixed-managed 5-port 1000Mbps Gigabit PoE switch sets new performance standards for high-speed Ethernet transmission in demanding environments. Featuring an IP67 weatherproof enclosure and IEC 60068-2-52 salt-spray certification, this outdoor switch is ideal for coastal, marine, and harsh industrial security installations. It offers flexible power input options via remote PoE sources (up to 72W) or local power, delivering IEEE 802.3at power up to 36W per port to support high-draw IP devices. The Vi30005WP operates reliably from -40°C to +75°C and provides the commercial-grade durability required for rugged perimeter and outdoor network applications.

MegaPixel Certification (MPC™) validates its network packet transmission performance, and extensive compatibility testing with major camera manufacturers ensures error-free, plug-and-play operations. It features fixed Layer 2 with a non-blocking switch fabric to maintain continuous, smooth video streaming. Proven reliability, industry wide camera compatibility, and significant installation cost savings make the Vigitron Vi30005WP the ideal solution for data and power delivery. Whether deployed in extreme outdoor climates or heavy industrial settings, this weatherproof PoE switch delivers the speed, security, and uptime your network demands.

Technical Specification*

Electrical

Ethernet Interface	Standard 100BaseT/1000BaseT
UTP	100 Ohm +/- 20%, up to 328 ft. (100m)
Power Source	PoE: IEEE 802.3af (15.4W), IEEE 802.3at (30W) up to 72W Power Supply: 57VDC @ 120W (PoE operation) or 12VDC @ 1A (non-PoE operation)
Connectors	Ethernet Interface: 5 x Waterproof RJ-45 connector Power: Waterproof Circular power connector
RFC	2544 TCP/IP Packet Transmission 768 UDP, 2068 HTTP, 793 TCP 791 IP, 1783 TFTP, 894 IP over Ethernet
PoE Compatibility	IEEE 802.3af, IEEE 802.3at
Jumbo Frame	Up to 9,600 bytes

Regulatory

FCC	Part 15, Subpart B, Class B 2010
Emissions	EN 5502:2006+A1:2007 EN 61000-3-2:2006+A1:2009+A2:2009 EN 55024:1998+A1:2001+A2:2003
Safety	CE
Environmental	RoHS, WEEE

Environmental

Humidity	0 to 95%, non-condensing
Temperature	Operating: -40°C to +75°C Storage: -40°C to +85°

Mechanical

Dimensions	1.2x5.42x6.61 in., 4.67x13.8x16.8 cm (HxWxL)
Weight	2.06lbs (934g)
Housing	ABS plastic, UL rating of 94V-0

Optional Accessories

Vi1120:	57VDC, 120W Power Supply
Vi0017:	48VDC, 40W Power Supply
Vi0012:	12VDC 1A Power Supply for non-PoE operation
Vi0016:	Combiner Adapter for 72W PoE Operation

*Specifications subject to change without notice.

Ordering Information

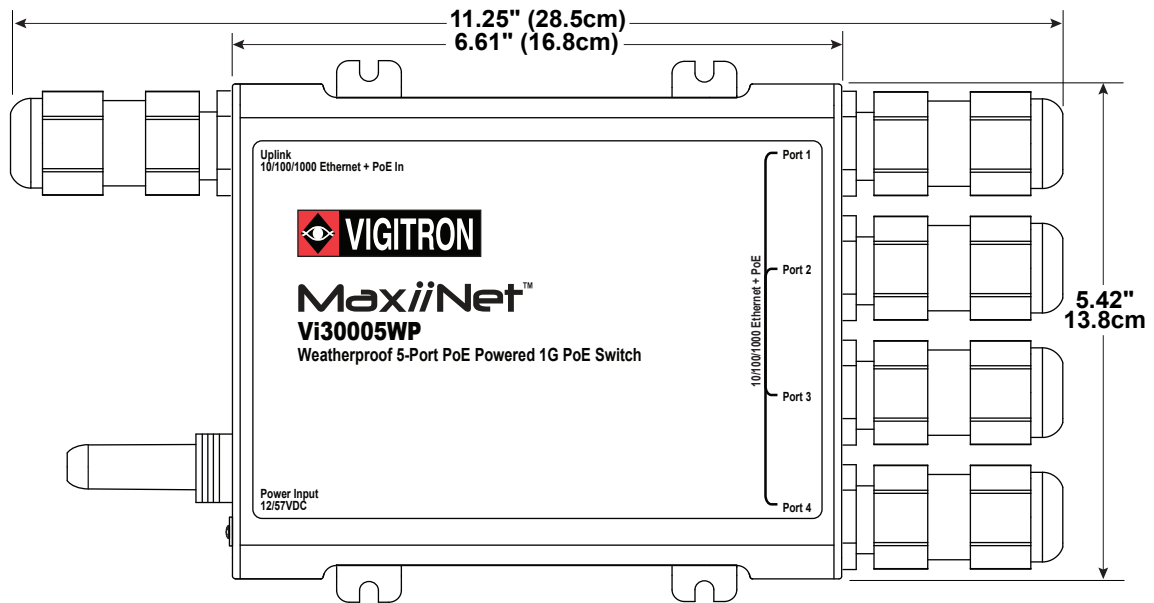
PART No.	Description
Vi30005WP	Weatherproof 5-Port, L2, 1G PoE Powered PoE Switch

Related Products

Part No.	Description
Vi30005	5-port L2, 1G PoE Network Switch



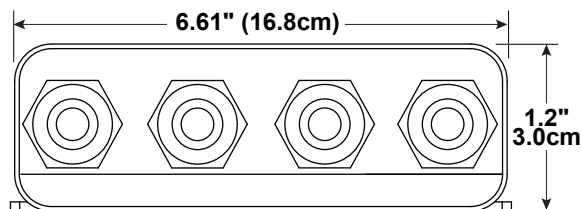
Mechanical Drawings



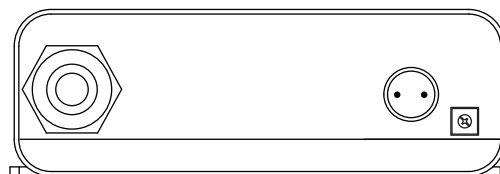
Top View



Front View



Right Side View

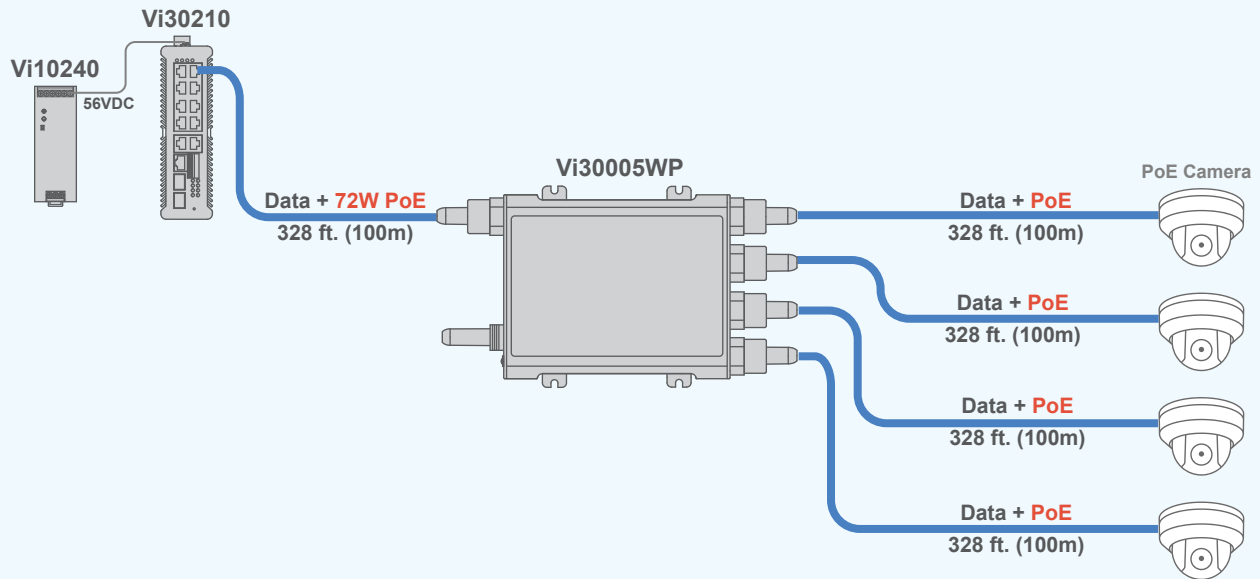


Left Side View

Application Drawings

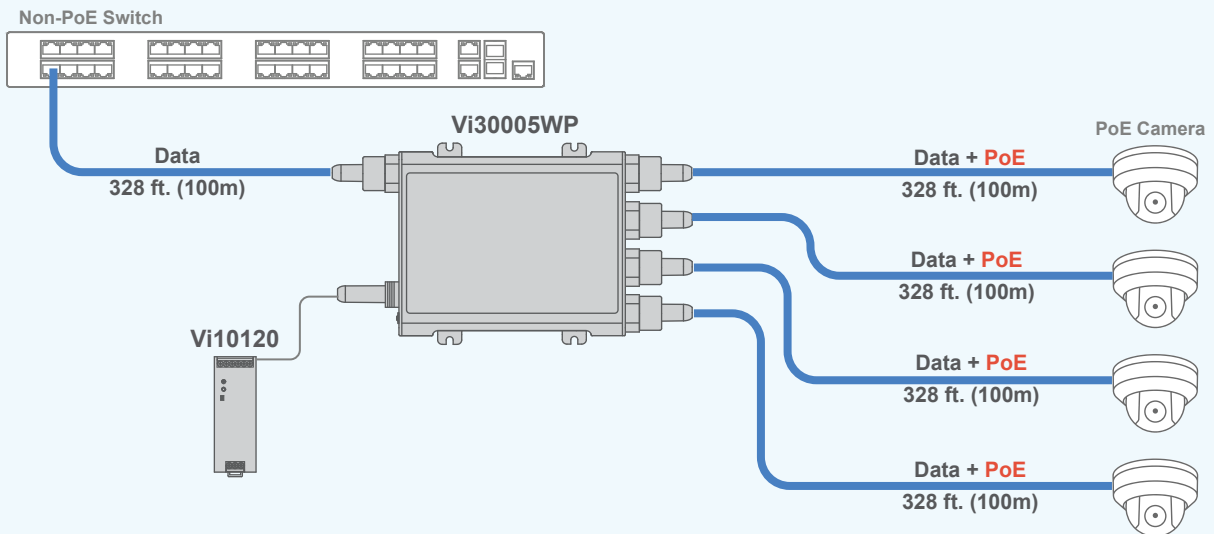
— Cat 5/6

Powering the Vi30005WP and 4 remote PoE cameras using PoE



The Vi30005WP is a PoE powered switch that can be used to power up to four cameras using PoE.

Powering the Vi30005WP and 4 remote PoE cameras using local power supplies

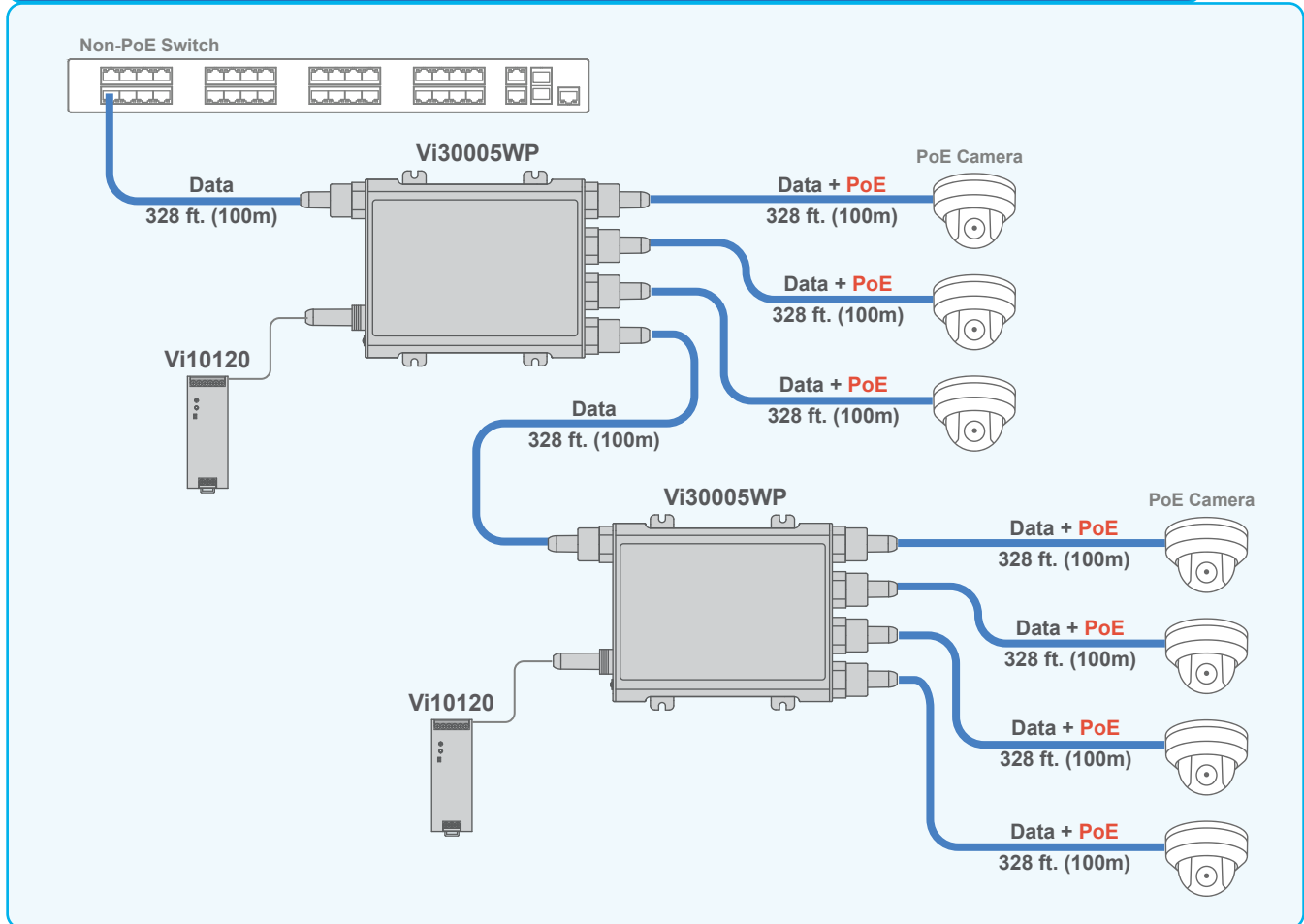


The Vi30005WP can be used to power up to four PoE cameras using a local power supply.

Application Drawings

— Cat 5/6

The Vi30005WP powers multiple remote PoE cameras using local power supplies



The Vi30005WP can be used to connect to another Vi30005WP to power several IP devices.