

Features

- Managed 16-port IEEE 802.3.af/at /bt PoE midspan for 10/100/1G/2.5G Base-T networks
- Provides up to 90W per port, with a total 730W PoE budget
- Supports IEEE 802.3af/at/bt PoE Classes 0–8 on all ports
- Backward compatible with most legacy non-standard high-power PoE devices
- Exclusive and intuitive MPoE™ GUI management interface
- Immediate programming verification to confirm operational settings
- Automatic connection monitoring with PoE restart on link failure
- Dual Watchdog monitors for Power and Internal communications
- Forced power mode with built in safety for problem wiring installations
- Front panel status indicators for visual status reporting
- Save and upload user programming profiles
- Firmware upgradeable



Applications

- Powering new IEEE 802.3bt PoE devices
- Supporting most legacy non-standard high-power PoE devices
- Upgrading existing installations with newer PoE equipment

The MPoE™ Vi22116U is an 16-port IEEE 802.3af/at/bt compatible managed PoE midspan. It supports 10/100/1G/2.5G Base-T Ethernet networks and delivers up to 90W per port.

The Vi22116U is designed for easy network integration and eliminates the need for network expertise. Its intuitive MPoE™ GUI provides immediate feedback to confirm correct programming or indicate adjustments, streamlining installation and reducing setup time as well as potential service calls.

The Vi22116U provides maximum protection and reliability. In addition to monitoring if required resetting is providing PoE to individual ports, two separate Watchdogs monitor operating voltage and internal communications every 15 seconds providing protection and auto restart.

With compatibility for both IEEE PoE standards and many legacy non-standard PoE devices, the Vi22116U is the ideal solution for adding new devices, such as 802.3bt cameras, into existing systems without replacing major components.

An independent setup port ensures complete security by allowing configuration without exposing the unit to the main network. When connected, the Vi22116U supports full Syslog communications for status and alarm reporting. It can be programmed and operated with or without live network communications while maintaining full access security. Both front-panel LEDs and GUI indicators provide real-time PoE status per port.

The MPoE™ midspans are 1U-high and can be easily installed in 19" racks. They are ideal for a wide range of CCTV or IT applications that require high power PoE and high data throughput, such as IP cameras, wireless access points or VoIP.

Technical Specification*

Electrical

Ethernet Interface	Standard 10/100/1000/2500 BaseT
UTP	Category-5 (or higher)
Output Power	56 VDC, 90W max. per port,
Total power supply	800W
PoE Budget	730W
AC Input Power	90-264VAC, 50-60 Hz, 9A @ 90VAC, 3.5A @ 200VAC
PoE Status LED	Green LED
Connectors	Ethernet Input Interface: Shielded RJ-45 Data and PoE: Shielded RJ-45 Setup Port: Shielded RJ-45 Main Power: IEC 320-C14 inlet

Regulatory

FCC	Part 15, Subpart B, Class B 2010
Emission	EN 55022:2006+A1:2007 EN61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2008 EN55024:1998+A1:2001+A2:2003
Safety	CE
Environmental	RoHS, WEEE

Environmental

Humidity	0 to 90%, non-condensing
Temperature	Operating: -10°C to +40°C Storage: -30°C to +70°C

Mechanical

Dimensions	1.75x17x12 in, 4.3x43x30.5 cm (HxWxL)
Weight	11 lb, 5 kg
Material	Sheet metal

Included Accessories

- 19" Rack Mounting brackets
- Rubber feet for desk applications
- Molded IEC 7 ft. (200 cm) power cord

*Specifications subject to change without notice.

Ordering Information

Part No. Description

Vi22116U	16-port Managed High-power 90W IEEE 802.3.bt Midspan
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Related Products

Part No. Description

Vi22108U	8-port Managed High-power 90W IEEE 802.3.bt Midspan
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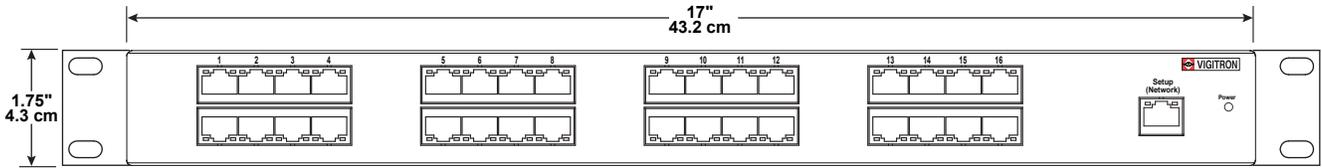


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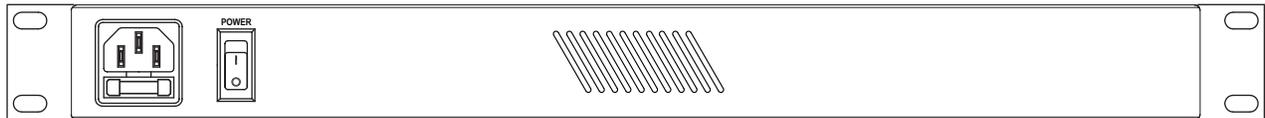
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Mechanical Drawings



Front View

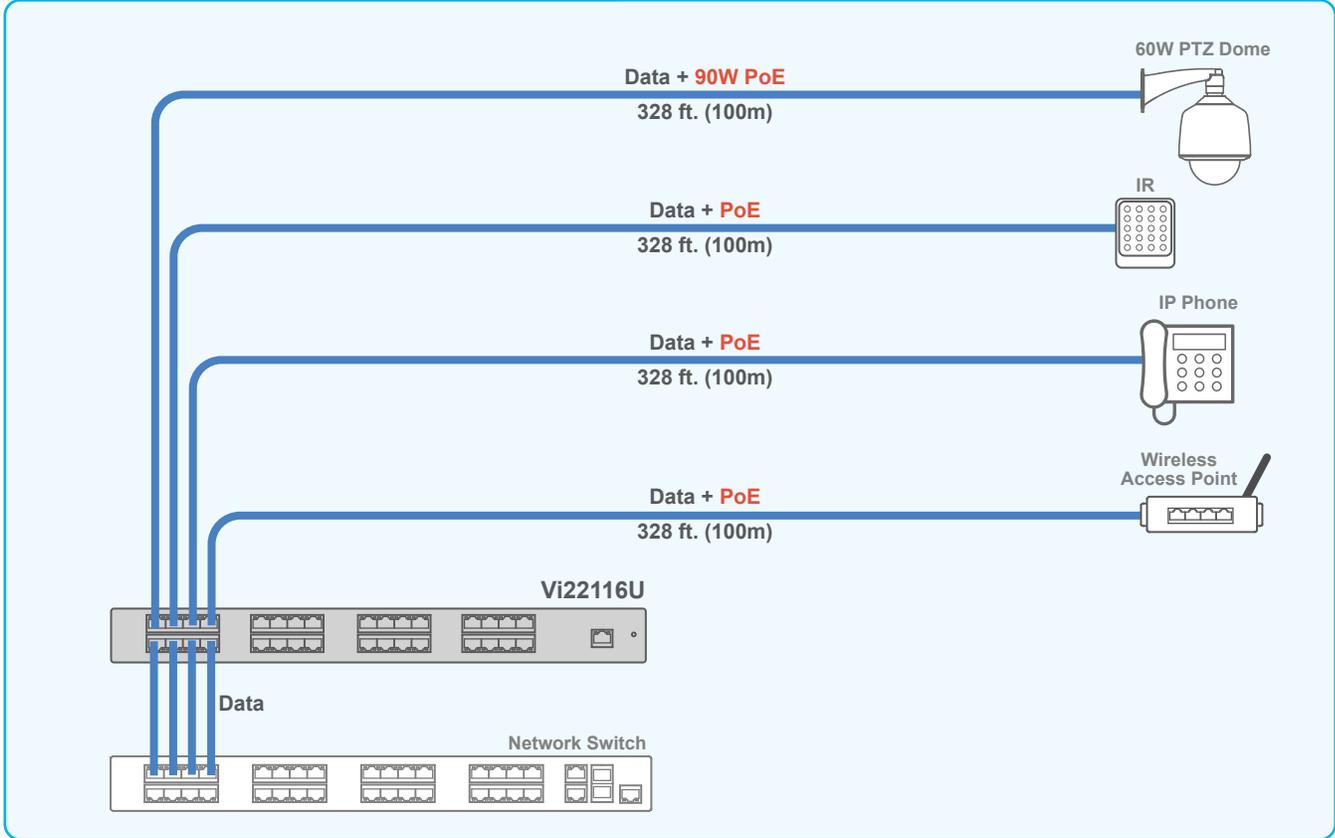


Rear View

Application Drawings

— Cat 5/6

Powering Multiple PoE powered devices



The Vi22116U can power many PoE powered devices up to 90W.