Vi22108U   Preliminary

MPoE™

8-port Managed IEEE 802.3.bt 90W PoE Midspan

Features

- Managed 8-port IEEE 802.3.af/at /bt compliant PoE midspan for 10/100/1G/2.5G Base-T networks
- Deliver up to 90W per port for total for 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 programming
- Firmware upgradeable

JUMBO F. | MANAGED | 2.6G | NDAA | 72W PoE++ | 90W bt PoE

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™ Vi22108U is an 8-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 Vi22108U 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 Vi22108U 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 and auto restart.

With compatibility for both IEEE PoE standards and many legacy non-standard PoE devices, the Vi22108U 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 Vi22108U 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.

VIGITRON

The Smart Choice for Transmission Solutions

Technical Specification*

Electrical

Ethernet Interface	Standard 10/100/1G/2.5G 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 55022:206+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
SysCap(tm) software (Free Download)

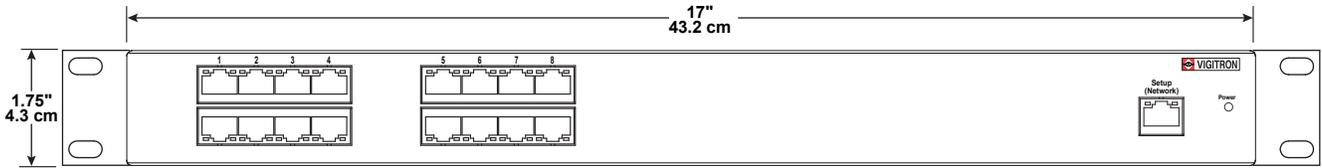*Specifications subject to change without notice.

Ordering Information

Part No.	Description
Vi22108U	8-port Managed High-power 90W IEEE 802.3.bt Midspan

Related Products

Part No.	Description
Vi22116U	16-port Managed High-power 90W IEEE 802.3.bt Midspan

Mechanical Drawings

17"
43.2 cm

1.75"
4.3 cm

1 2 3 4   5 6 7 8

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Setup
(Network)

Power

Front View
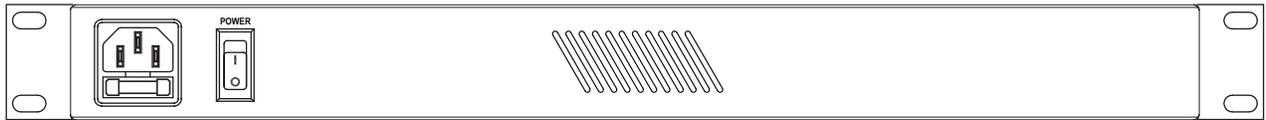
POWER

Rear View

Application Drawings

Powering Multiple PoE powered devices

PoE Cameras   60W PTZ Dome

Data + 90W PoE

328 ft. (100m)

IR

Data + PoE

328 ft. (100m)

IP Phone

Data + PoE

328 ft. (100m)

Wireless
Access Point

Data + PoE

328 ft. (100m)

Vi22108U

Data

Network Switch
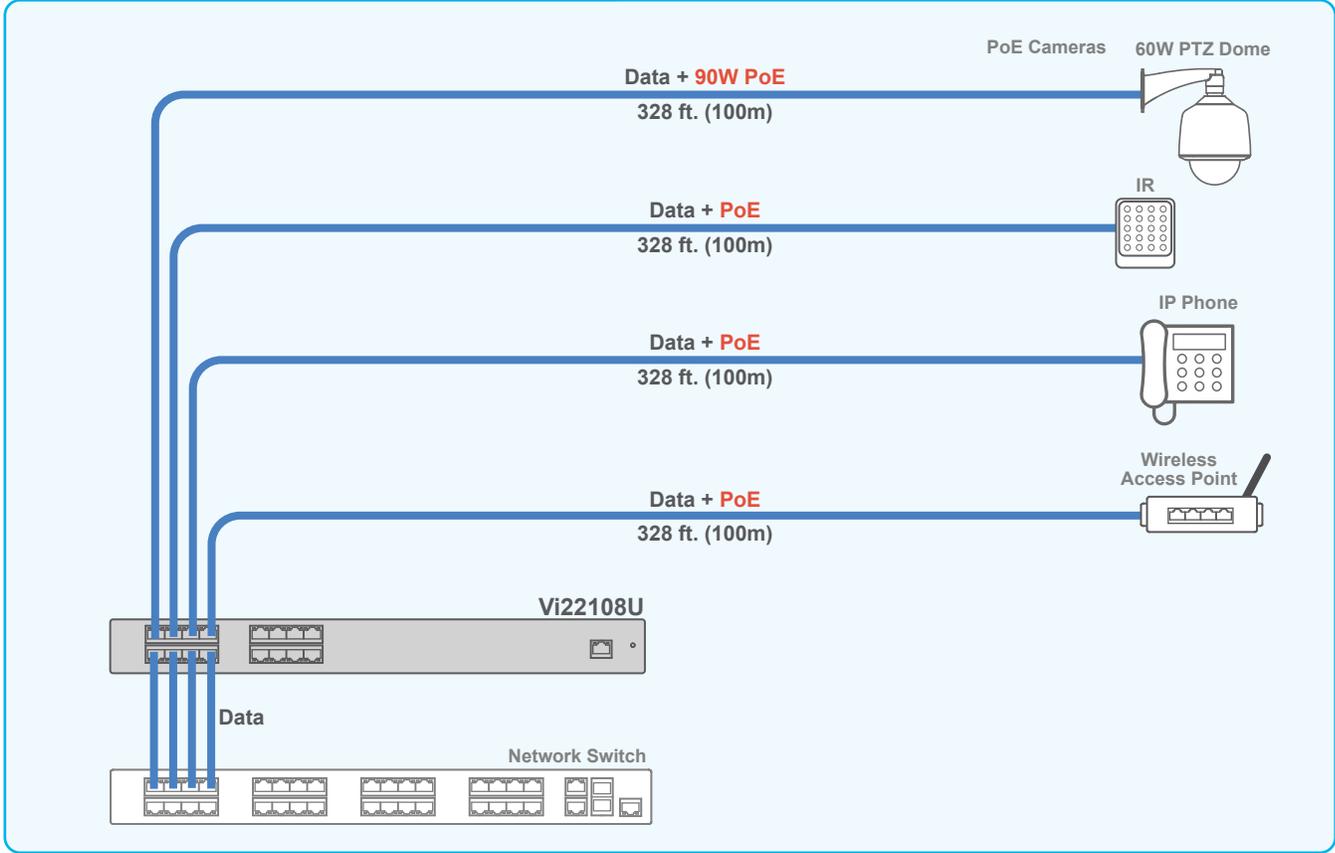
The Vi22108U can power many PoE powered devices up to 90W.