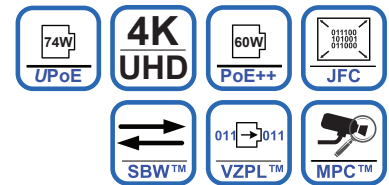


Vi2508 / Vi2516

MaxiiPower™ 8 and 16-port PoE + UTP Ethernet Extender

Features

- High power midspan with built-in Ethernet extender for distances up to 3,000 ft (914 m)
- 8 or 16 port of IEEE 802.3 af/at compliant up to 36W per port simultaneously on all ports with no power management required
- Ports 1-4 can provide 72W each UPoE
- Provides full .af (12.95W) up to 3,000 ft./914 m and full .at (25.4W) up to 800 ft. (243 m)
- Per port delayed PoE power up programmable for reducing start-up power surges
- Can provide 100Mbps data and 72W PoE for IP cameras with heaters, blowers, and high speed PTZ operation
- Fully manageable with Windows GUI accessible through local USB port or network connection with default plug-and-play option
- Managed in-rush current prevents shut down during camera events such as start-up, day/night, auto back focus heater and blower turn on, and PTZ operation
- No IP address programming or other networking setup required
- Limited lifetime warranty



Applications

- Powering IP cameras at extended distances
- Powering VoIP Phones
- Powering Wireless access points

MaxiiPower™ Vi2508 and Vi2516 midspans are designed to meet the most demanding IP camera data and PoE requirements at extended distances. They are fully manageable and provide up to 36W per port, with no power sharing for the Vi2508 and up to 34 watts simultaneously for the Vi2516 with individual port power up to 36W. The Vi2500 series provide extended distance transmission over UTP using Vigitron's unique Symmetric Bandwidth (SBW™) technology.

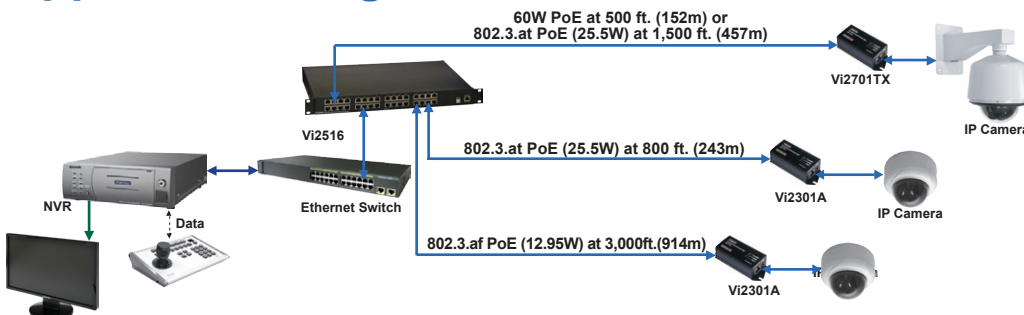
With only a transceiver and no additional power source at the camera site, the Vi2500 series can provide full 802.3.af, 802.3.at on all ports. In addition, they can provide up to 72W, UPoE, on each ports 1 through 4. for high power applications such as PTZ cameras. They are fully transparent to the Ethernet network and higher layer protocols, and require no IP setting or configurations. The PoE controller provides auto mode with no programming required.

The PoE is fully manageable by an easy-to-use Windows™ based GUI that can be accessed via direct connection to the USB port or remotely over network connections. It also operates in auto mode with no programming required. Standard accessory client software provides full security, discovery for all Vigitron Midspans' set up and individual port monitoring. The built-in Ethernet extender technology simplifies the installation and lowers the cost of the system by eliminating the need for standard PoE midspans with far limited PoE power and protection capability.

MaxiiPower™ midspans provide status LED's to indicate power and transmission status to indicate potential problem areas. The PoE is fully manageable by an easy to use GUI that can be accessed via direct connection to the USB port or remotely over network connections.

The MaxiiPower™ extended midspans are 1 U high installed in 19" racks. They are ideal for a wide range of CCTV or IT applications that require high power such as IP cameras, wireless access points or VoIP installed at extended distances.

Application Diagram



The Smart Choice for Transmission Solutions

www.vigitron.com

Technical Specification*

Electrical

Ethernet Interface	Standard 10/100BaseT
UTP	Category-5 (or higher quality)
Ethernet Rate	Auto select 10/100 Mbp/s Full speed / full duplex at maximum rated distance
Output Power	54VDC, 36W max per port, 72W UPoE max per ports 1-4 300W max. (Vi2508) PoE budget 550W max. (Vi2516) PoE budget 54VDC, 36W per port, 72W max, per ports 1-4 (Vi2516)
AC Input Power	90 -264 V AC, 50-60 Hz, 6.5 A max.
PoE Standard	IEEE 802.3af PoE, IEEE 802.3at PoE 74 watts UPoE Ports 1-4
Connectors	Ethernet Input Interface: Shielded RJ-45 Extended Output Interface: Shielded RJ-45 Main Power: IEC 320-C14 inlet
Setup Port	USB or Network with Windows GUI
RFC	2544 TCP/IP Packet Transmission 768 UDP, 2068 HTTP, 793 TCP 791 IP, 1783 TFTP, 894 IP over Ethernet
Jumbo Frame Support	Yes

Environmental

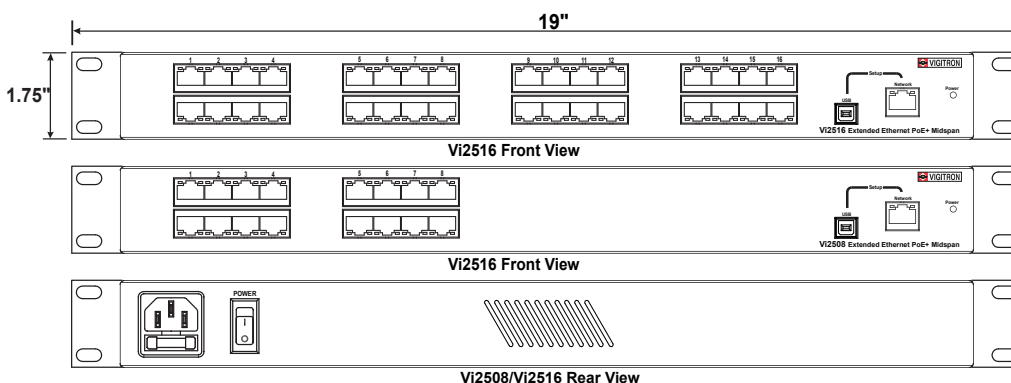
Humidity	0 to 90%, non-condensing
Temperature	Operating: -10°C to +40°C Storage: -30°C to +70°C

Mechanical

Dimensions	1.75x17x12 in, 4.3x43x30.5 cm (HxWxL)
Weight	9 Lb, 4.08 Kg (Vi2508) 11 Lb, 5.44 Kg (Vi2516)
Material	Sheet metal and extruded Aluminum

Included Accessories

- Mounting brackets for front or rear installations
- Rubber feet for desk applications
- Molded IEC 7 ft. (200 cm) power cord



Ordering Information

PART No.	Description
Vi2508	8-port Extended UTP Ethernet Midspan
Vi2516	16-port Extended UTP Ethernet Midspan
Vi0600	600W Redundant Power supply
Vi1200	1200W Redundant Power supply
Vi2200V4	Enterprise Set-up and Operational Software

System Configuration



Data and PoE Distance**

Data Rate	Data + PoE					
	Class 1	Class 2	Class 3	802.3at	50W	60W
10BaseT	3,000 ft. (914 m)	3,000 ft. (914 m)	3,000 ft. (914 m)	800 ft. (243 m)	750 ft. (228 m)	500 ft. (152 m)
100BaseT	2,000 ft. (609 m)	2,000 ft. (609 m)	2,000 ft. (609 m)	800 ft. (243 m)	750 ft. (228 m)	500 ft. (152 m)

*Specifications subject to change without notice.
 **Distance figures are obtained using Cat-5e by in-house testing mirroring installations.
 Factors such as cabling, connections, use of power and environmental conditions may affect actual distances and should be taken into consideration.



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