



GIGABIT POWER OVER ETHERNET POE ADPTER FEATURES:

The Versa Technology VX-Pi1000Gb is an IEEE 802.3af Power Over Ethernet Injector which provides DC 48V over Ethernet cables. The VX-Pi1000Gb IEEE 802.3af Power Over Ethernet Injector inserts DC Voltage into Cat.5 cable, allowing the cable between the injector (VX-Pi1000Gb) and Splitter to transfer data and power simultaneously. The maximum distance between the injector (VX-Pi1000Gb) and Splitter is 100 meters. With VX-Pi1000Gb being installed, it combines the Ethernet digital data with power over the twisted pair cables as an IEEE 802.3af Power over Ethernet injector.

Unlike the existing Power over Ethernet Injector, the VX-Pi1000GB also provides 10/100/1000Mbps Gigabit Ethernet connection ability.

The Versa Technology VX-Pi1000Gb is perfect PoE Injector for PoE ready 802.11n Wireless Access Points. 802.11n has maximum of 300Mbps bandwidth under best condition. 802.11n will operate around 130Mbps under normal condition. Only VX-Pi1000Gb can provide both the bandwidth and power for 802.11n Wireless Access Points.

- Compatible with IEEE 802.3af Power over Ethernet, IEEE 802.3/802.3u/802.3ab 10/100/1000Base-T
- Provides DC 48V power over RJ-45 Ethernet cable to device with Ethernet port
- LED indicators power input indication
- Distance up to 100 meters
- Auto-detect of POE IEEE 802.3af equipment and devices from being damaged by incorrect installation
- Works with EIA568, category 5, 5e or 6 ,2/4-pair cables for 10Base-T or 100Base-TX and 1000Base-T EMI standards complies with FCC, CE class B
- 802.3af Standard
- Operating Temperature 0°C~50°C, 5~90% RH

POWER OVER ETHERNET POE ADAPTER SPECIFICATIONS:

Specifications		Specifications	
Output Voltage	48 V	Ripple & Noise	1% Typical
Output Rating	0.5 A	Efficiency	83% Typical
Input Voltage	AC 90 ~ 264 V	Temperature Coefficient	0.05% / °C
Input Frequency	47 ~ 63 Hz	Over-Voltage Coefficient	96 V Maximum
Input Current	0.65 A Maximum	Operating Temperature	0 ~ 50°C
Inrush Current	40 A Maximum	Storage Temperature	-20 ~ 85°C
Line Regulation	2% Maximum	Safety Description	I / P
Load Regulation	± 5%		

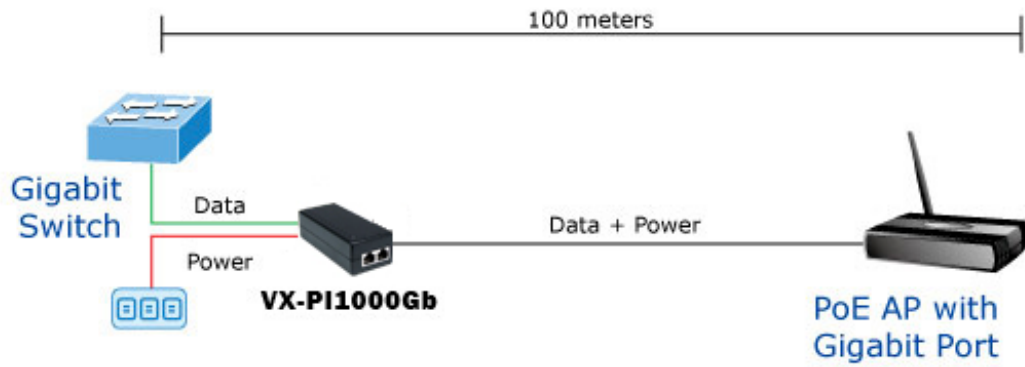


Fig. 1 Application



Fig. 2 1000Mbps Gigabit Ethernet Connection

Definition of the Connectors

PIN	DATA	DATA&POWER
1	Data	Negative out
2	Data	Negative out
3	Data	Positive out
4	Data	Data
5	Data	Data
6	Data	Positive out
7	Data	Data
8	Data	Data

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