

POWER OVER ETHERNET ADAPTER – 48 V 30W

Model No: - TPE 1030



INTRODUCTION

Telenet's Midspan POE is a Power-over-Ethernet (PoE) power supply with integral DC Injector. It provides DC power for one PoE-equipped device by "Injecting" DC power through the CAT5 (10/100Mbps) Ethernet cable. It is compatible with AP's and other equipment supporting the IEEE standard PoE pin out (Pins 4&5 Power + / Pins 7&8 Power -). Since our POE device is completely self-contained, a separate power supply and injector is not required.

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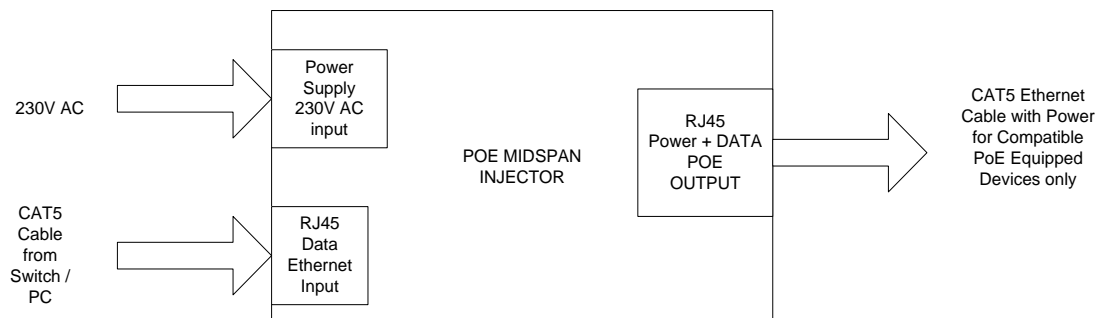
POE-PLUS CAPABILITY: 30W HIGH POWER

In addition to IEEE802.3af standard, Telenet's Midspan POE is compatible with most current decisions of IEEE802.3at pre-standard, high power PSE solution for PDs with power requirements greater than 15.4W. Telenet's Midspan POE delivers up to 30 watts of high power, which can be used in high end demanding Applications.

INSTALLATION AND MANAGEMENT

Plug and Play installation. Our POE device automatically detects all POE enabled devices and supplies inline Power. Local LED Management display is present

Application Diagram:



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ELECTRICAL SPECIFICATION	
Ethernet Connectors	RJ45 Jacks (2)
Ethernet Data Rate	10/100/1000Mbps Ethernet
No.of Ethernet Devices that can be powered	Single
Data Lines	Pair 1: Pins 1/2
	Pair 2: Pins 3/6
CAT-5 Power (PoE) Pinout	+ VDC: Pins 4/5
	- VDC: Pins 7/8
Operating Temperature	0° C to +70° C
Power Supply	48VDC @ 30W
Max Output Current	0.625A
Input	100-250 VAC 50Hz
IEEE Compliant	IEEE 802.3af Compliant (compatible with most current decisions of IEEE802.3at pre-standard)
Protection	Port Overload protection, Port Inrush and Short-Circuit protection, Thermal Protection.

APPLICATIONS FOR THIS POWER-OVER-ETHERNET PRODUCT

- Wireless LAN Access Points and Bridges
- Wireless LAN Wi-fi Amplifiers and Amplified Antennas
- WiMAX
- VoIP (Voice over Internet Protocol) Telephones
- IP Surveillance Cameras
- Bluetooth® Access Points

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