



## 8 Port Gigabit Power over Ethernet Midspan POE125U for 10/100/1000 Base-T Networks



### Features

- IEEE802.3at Pre-Standard
- Low Cost
- Gigabit Compatible
- Optional Mounting Kit for 19" Rack
- Optional SNMPv3 with TLS/SSL
- Full Power of 125W – 15.4W per port
- No Power Management Required
- Full Protection OTP, OCP, OVP
- 1 Year Warranty
- Optional Cisco Legacy Detection

### Applications

- VoIP Phones
- Access Points
- Security Systems
- IP Cameras

### Safety Approvals

- cUL/UL
- CE

### Mechanical Characteristics

- Length: 224.9mm (8.85in)
- Width: 200mm (7.87in)
- Height: 48.5 mm (1.91in)
- Weight: 1.4Kg (3.0lbs)

### Output Specifications

Model	Number of Ports	Cisco Legacy Support	SNMP
POE125U-8-C	8	Yes	No
POE125U-8-N	8	Yes	Yes

Optional 19" Rack mounting adapter to mount 1 POE125U or 2 side by side; order P/N POE125U-ACCY01

Reference files:

1. [Phihong Midspan PoE GUI User Manual-v1.0.pdf](#)
2. [Phihong Midspan PoE GUI Installation v1.0.exe](#)
3. [PL2303 Prolific DriverInstaller v1\\_12\\_0.zip](#)
4. [POE125U Series Firmware-Rev2.5.zip](#)
5. [Multiport Midspan Installation Manual.pdf](#)
6. [19in Rack Mounting Kit Datasheet.pdf](#)
7. [SNMPv2c User Manual-Rev1.7.pdf](#)
8. [SNMPv2c Firmware-Rev1.7.zip](#)
9. [SNMPv2c MIB\\_10\\_30\\_2009.zip](#)

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**INPUT:****AC Input Voltage Range**

90 to 264VAC

**Input Voltage Rating**

100 to 240VAC

**Input Frequency**

47 to 63Hz

**Input Current**

2.5A (RMS) max for 90VAC

1.3A (RMS) max for 230 AC

**Leakage Current**

&lt;3.5mA max at 254VAC, 60Hz

**AC Inrush Current**

30A (RMS) max for 115VAC

60A (RMS) max for 230VAC

**OUTPUT:****Total Output Power**

15.4W per port, 125W Total Power

**Ripple and Regulation**

100mV maximum

**Efficiency**

75% (typical at maximum load, and 120V

AC 60Hz)

**Hold-up Time**

10mS minimum 120VAC max load

**Transient O/P Voltage Protection**

60V maximum at switch on and off at any

AC line phase

**Turn-On Delay Time**

3 sec max at max load,120VAC 60Hz, 25Hz

**Immunity**

ESD: EN61000-4-2 Level 3

RS: EN61000-4-3 Level 2

EFT: EN61000-4-4 Level 2

Surge: EN61000-4-5 Level 3

CS: EN61000-4-6 Level 2

Voltage Dips: EN61000-4-11

Harmonic: EN61000-3-2 Class A

**IEEE802.3af Interoperability**

UNH Interoperability report available upon request

**FEATURES:****Cisco Legacy Detection (Option)**

No extern parts required for Legacy devices:

VoIP Phones: 7910,7912,7940,7960

Access Points: 350,1100,1200

**Over Voltage/Current, Short Circuit Protection**

Outputs equipped with short circuit protection and overload protection as per 802.3af specification. The output can be shorted permanently without damage

**Over Temperature Protection**

Automat shutdown without damage

**Indicators**

Green LED: Power detected "ON"

Yellow LED: Fault Detected

**Input Connector**

AC Input IEC320 3 Pin

