



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



### Features

- IEEE802.3af Compliant
- Low Cost
- Gigabit Compatible
- Optional Mounting Kit for 19" Rack <sup>1</sup>
- Optional SNMPv3 with TLS/SSL
- Full Power of 123.2W–15.4W per port
- No Power Management Required
- Full Protection OTP, OCP, OVP
- 1 Year Warranty<sup>2</sup>
- 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-R	8	Yes	No
POE125U-8-N-R <sup>3</sup>	8	Yes	Yes

#### 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. [SNMPv3 Firmware.zip](#)
8. [Certificate Software.zip](#)

#### Notes:

1. Optional 19" Rack mounting adapter to mount 1 POE125U or 2 side by side; order P/N POE125U-ACCY01
2. Effective January 1, 2019, warranty is valid for one year from purchase date. Optional extended warranties available-please consult factory for more information
3. Trap functions are no longer supported

**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<sup>2</sup>**

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

**ENVIRONMENTAL:****Temperature**

Operation 0°C to +40°C

Non-operation -25°C to +65°C

Humidity 5% to 90%

**EMI**

Complies with FCC Class B

Complies with EN55032 Class B

**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"

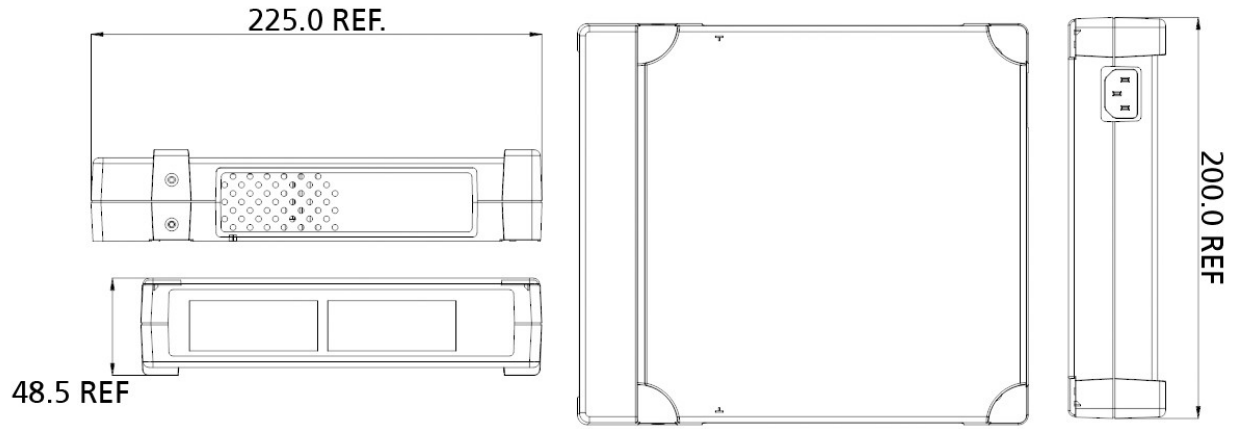
Yellow LED: Fault Detected

**Input Connector**

AC Input IEC320 3 Pin

**Notes:**

1. The characteristics defined are at ambient temperature of 25°C unless otherwise specified
2. Efficiency is measured after 30 minutes burn-in



**Supplier's Declaration of Conformity  
47 CFR § 2.1077 Compliance Information**

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NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.