



## 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

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**INPUT:**

**AC Input Voltage Range**  
90 to 264V AC

**Input Voltage Rating**  
100 to 240V AC

**Input Frequency**  
47 to 63Hz

**Input Current**  
2.5A (RMS) maximum for 90V AC  
1.3A (RMS) maximum for 230V AC

**Leakage Current**  
<3.5mA maximum at 254V AC, 60Hz

**AC Inrush Current**  
30A (RMS) maximum for 115V AC  
60A (RMS) maximum for 230V AC

**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 120V AC and maximum load

**Transient O/P Voltage Protection**  
60V maximum at switch on and off at any AC line phase

**Turn-On Delay Time**  
3 sec maximum at maximum load, and 120V AC 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

**FEATURE:**

**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

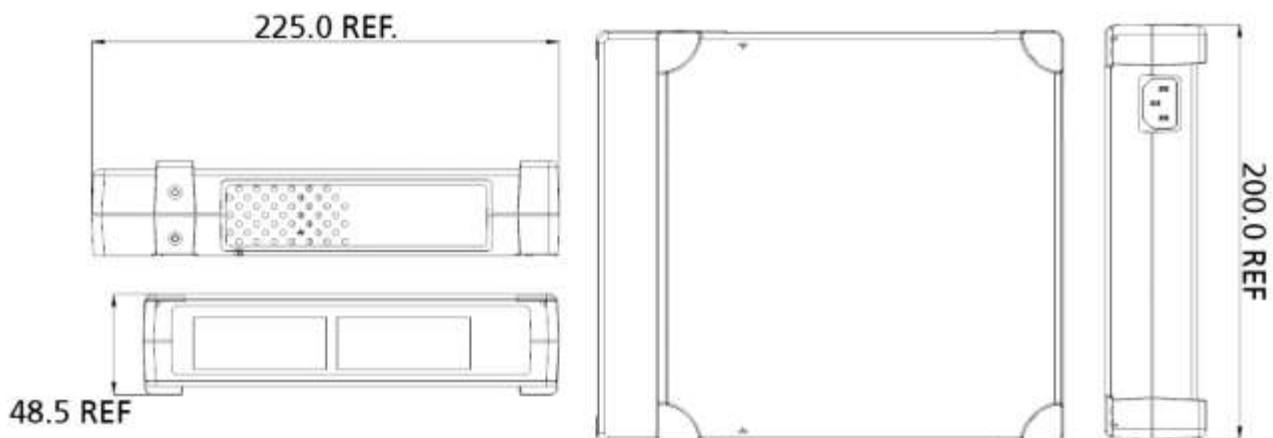
**Input Connector**

AC Input IEC320 3 Pin

**Warranty**

1 Year

**POE125U Dimension Diagram (mm)**



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