



## 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-R	8	No	No
POE125N-8C-R	8	Yes	No
POE125U-8N-R	8	Yes	Yes

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

**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)**
