4 Port IEEE802.3at Midspan
Gigabit High Power over Ethernet Midspan

Features
- Compliant with the IEEE802.3at Standard
- 10/100/1000 Base-T Compatible
- Cisco AP1250 Full Power Support
- Optional Kit available for a 19” Rack Mount
- Full Power of 125W—33.6W per Port
- No Power Management Required
- Full Protection OCP, OVP
- 1 Year Warranty

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Number of Ports</th>
</tr>
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<tbody>
<tr>
<td>POE125U-4AT-(x)</td>
<td>4</td>
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Option X = N SNMP Management option

Optional 19” Rack mounting adapter to mount 1 POE125U or 2 side by side. Order P/N POE125U-ACCY01

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Revision 11/17/2011
**POE125U-4AT Characteristics**

**INPUT:**
- **AC Input**
  - Voltage Range: 90 to 264VAC

- **Input Frequency**
  - 47-63Hz

- **Input Current**
  - 2.5A (RMS) maximum for 90VAC
  - 1.3A (RMS) maximum for 240VAC

- **Leakage Current**
  - 3.5mA maximum @ 254VAC 60Hz

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

**OUTPUT:**
- **Total Output Power**
  - 33.6W per port

- **Ripple and Regulation**
  - 100mV maximum

- **Efficiency**
  - 75% (typical) at maximum load, and 120VAC 60Hz

- **Hold-up Time**
  - 10mS min. 120VAC 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 120VAC 60Hz, 25Hz

**ENVIRONMENTAL:**
- **Temperature**
  - Operation: 0 to +40°C
  - Non-operation: -25 to +65°C

- **Humidity**
  - Operation: 5 to 90%
  - Non-Operation: 5 to 90%

**EMC**
- FCC Class B
- EN55022 Class B

**Isolation Test**
- Primary to Secondary: 4242VDC for 1 minute
- Primary to Ground: 2121VDC for 1 minute
- Secondary to Ground: 2121VDC for 1 minute

**Immunity EN50082-1**
- ESD: EN61000-4-2. Level 3
- RS: EN61000-4-3. Level 2
- EFT: EN61000-4-4. Level 3
- Surge: EN61000-4-5. Level 3
- CS: EN61000-4-6. Level 2
- Voltage Dips: EN61000-4-11
- Harmonic: EN61000-3-2 Class A

**IEEE 802.3at Interoperability**
- UNH Interoperability report available on request

**FEATURE:**
- **Cisco**
  - No external parts required for Legacy devices:
    - VoIP Phones: 7910, 7912, 7940, 7960
    - Access Points: 1040, 1140, 1250, 1260, 3500

- **Over Voltage/Current, Short Circuit Protection**
  - Outputs equipped with short circuit protection and overload protection as per 802.3at specifications
  - The output can be shorted permanently without damage

- **Over Temperature Protection**
  - Automatic shutdown without damage

- **Indicators**
  - Green LED: Power detected “ON”
  - Yellow LED: Fault detected

**Input Connector**
- AC Input IEC320 C14

**Warranty**
- 1 Year
Façade Display Showing Optional Rack Mounting