



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



iol InterOperability Laboratory
Part of the University of New Hampshire Research Computing Center



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

Model	Number of Ports
POE125U-4AT-(x)	4

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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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

33.6Wper 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 2
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 extern 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”

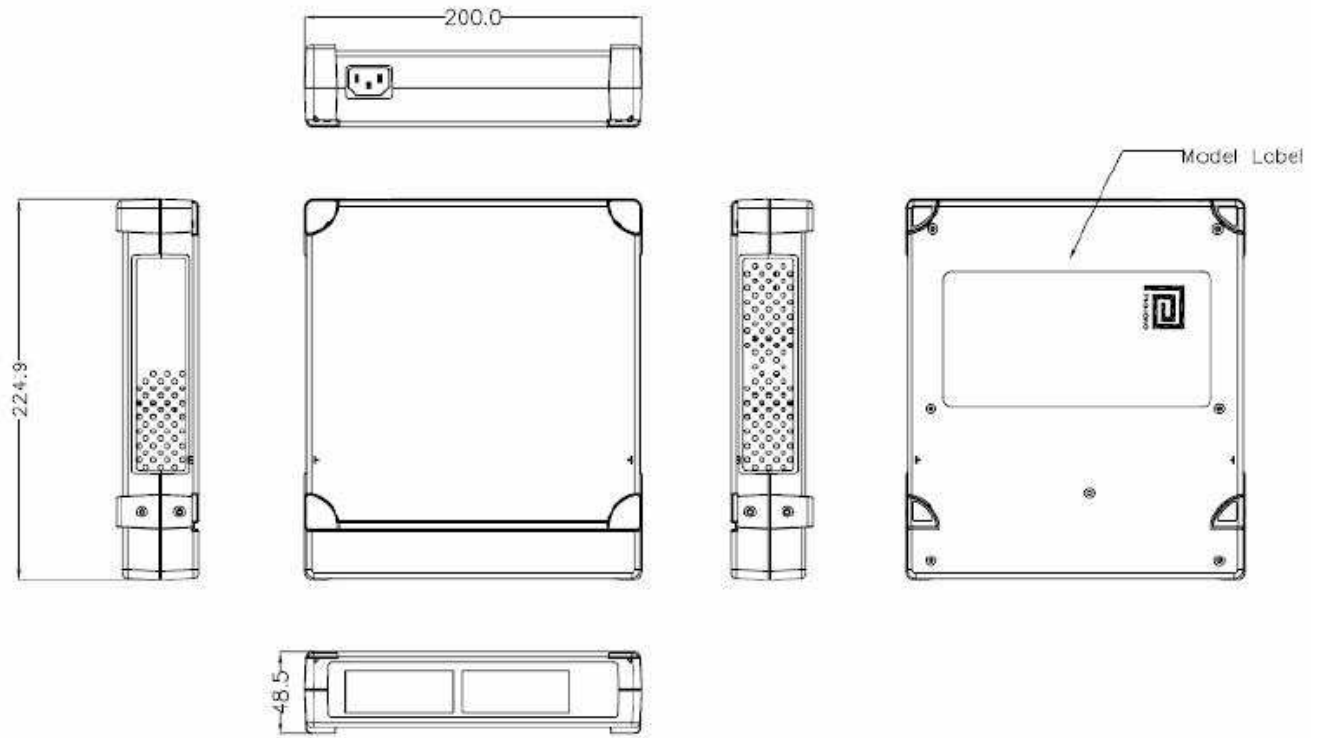
Yellow LED: Fault detected

Input Connector

AC Input IEC320 C14

Warranty

1 Year



Façade Display Showing Optional Rack Mounting

