4 Port IEEE802.3at 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[1]
- Full Power of 134.4W—33.6W Per Port
- No Power Management Required
- Full Protection OCP, OVP
- 1 Year Warranty[2]

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	SNMP
POE125U-4-AT-R	4	No
POE125U-4-AT-N-R[3]	4	Yes

Reference Files:

1. Multiport_Midspan_Installation_Manual.pdf
2. 19in_Rack_Mounting_Kit_Datasheet.pdf
3. SNMPv2c_User_Manual-Rev1.7.pdf
4. SNMPv2c_Firmware-Rev1.7.zip
5. SNMPv2c_MIB_10_30_2009.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

POE125U-4AT Characteristics[1] WWW.PHIHONG.COM

INPUT:

AC Input
Voltage Range 90 to 264VAC

Input Frequency
47-63Hz

Input Current
2.5A (RMS) max for 90VAC
1.3A (RMS) max for 240VAC

Leakage Current
3.5mA max @ 254VAC 60Hz

AC Inrush Current
30A (RMS) max for 115VAC
60A (RMS) max for 230VAC

OUTPUT:

Total Output Power
33.6W per port

Ripple and Regulation
100mV max

Efficiency[2]
75% (typical) at max load, 120VAC 60Hz

Hold-up Time
10mS min. 120VAC, max load

Transient O/P Voltage Protection
60V max at switch on/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%

EMC
FCC Class B
EN55022 Class B

Isolation Test
Primary to Secondary: 4242VDC, 1 minute
Primary to Ground: 2121VDC, 1 minute
Secondary to Ground: 2121VDC, 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

FEATURES:

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

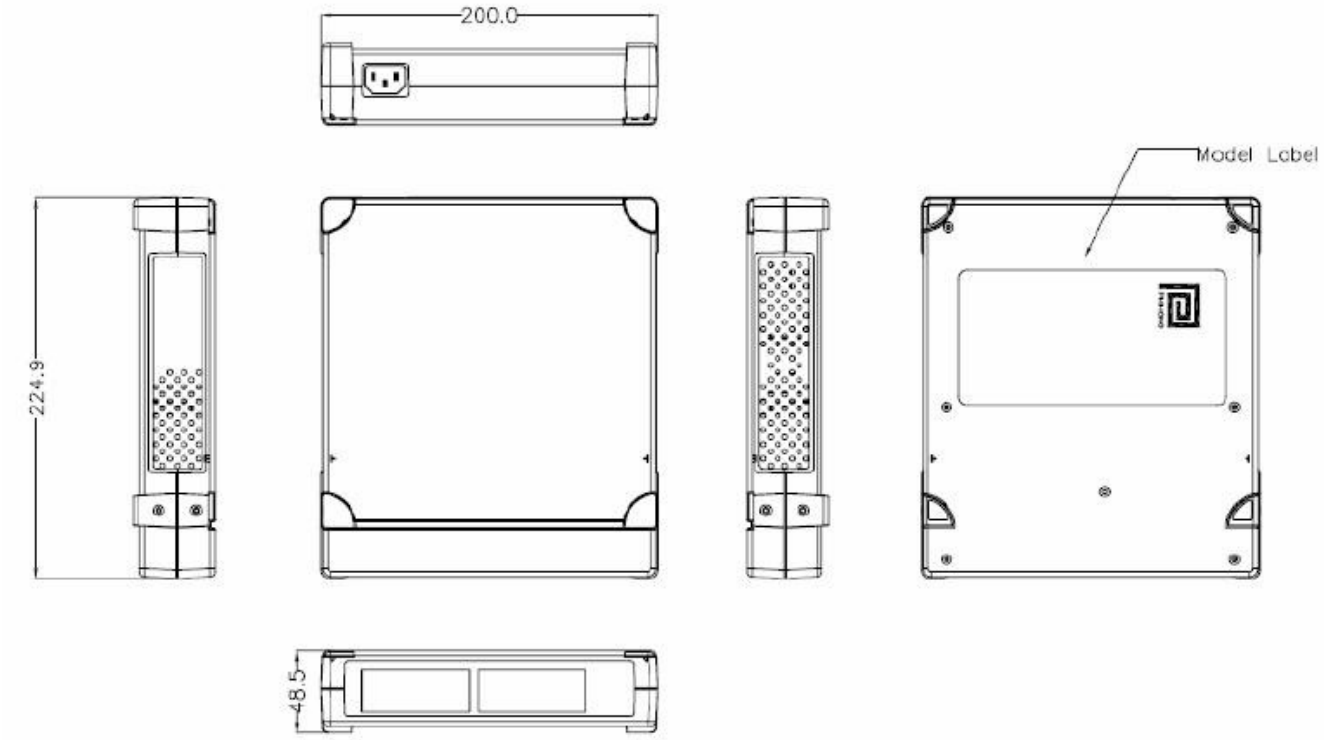
Over Voltage/Current, Short Circuit Protection
Outputs equipped with short circuit protection and overload protection as per 802.3at specifications. The output can be shorted permanently without damage

Over Temperature Protection
Automatic shutdown without damage

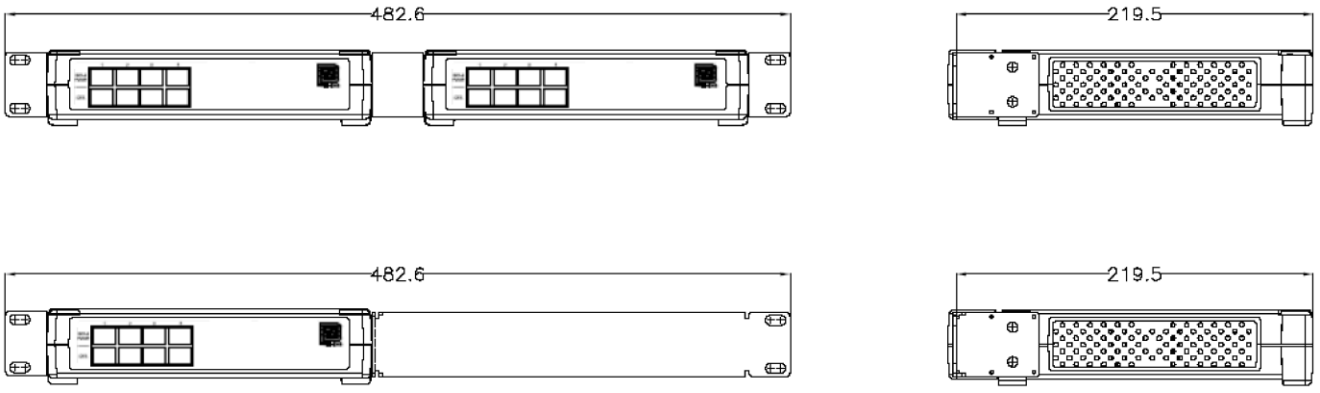
Indicators
Green LED: Power detected “ON”
Yellow LED: Fault detected

Input Connector
AC Input IEC320 C14

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



Façade Display Showing Optional Rack Mounting



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

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Fremont, CA 94538
Telephone: (510) 445-0100
www.phihong.com

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.