



## 8/16 Port IEEE802.3at/PoEPLUS Midspans PoE576U for 10/100/1000 Base-T Networks



### Features

- Compliant with the IEEE802.3at Standard
- 2 finger classification
- SNMP Management Option
- Optional SSL with SNMPv3
- Windows GUI
- May power Cisco AP1250 with ACCY125X dongle
- Full Power of 576W—30W per Port, No Power Management required
- Full Protection OTP, OCP, OVP
- 1U Rack Mountable (Mounting Kit Ships with Unit)
- 10/100/1000 Base-T Compatible
- 1-year warranty<sup>1</sup>

### Applications

- VoIP Phones
- Access Point
- Security Systems
- IP Cameras

### Safety Approvals

- cUL/UL
- CE

### Mechanical Characteristics

- Length: 438mm (17.25in)
- Width: 228mm (8.98in)
- Height: 44.5 mm (1.75in)
- Weight: 3.8Kg (8.5lbs)

### Output Specifications

Model	Number of Ports	SNMP
POE576U-16AT-R	16	No
POE576U-16AT-N-R	16	Yes
POE576U-8AT-R	8	No
POE576U-8AT-N-R	8	Yes

Notes:

1. Effective January 1, 2019, warranty is valid for one year from purchase date. Optional extended warranties available-please consult factory for more information

Reference files:

1. [Phihong Midspan PoE GUI User Manual-v1.0.pdf](#)
2. [Phihong Midspan PoE GUI Installation-v1.0.exe](#)
3. [PL2303 Prolific DriverInstaller v1\\_12\\_0.zip](#)
4. [POE576U\\_AT Firmware-Rev1.4.zip](#)
5. [SNMP MIB.zip](#)
6. [Multiport Midspan Installation Manual.pdf](#)

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at [www.phihong.com](http://www.phihong.com) for the most up-to-date specifications and contact information.

**INPUT:****Voltage Range**

90 to 264VAC

**Input Frequency**

47-63Hz

**Input Current**

9A (RMS) max for 90VAC

4.5A (RMS) max for 230VAC

**Leakage Current**

3.5mA max @ 264VAC 60Hz

**AC Inrush Current**

30A (RMS) max for 115VAC

60A (RMS) max for 230VAC

**OUTPUT:****Total Output Power**

33.6W per port

Total Power 269W (8 ports) -538W (16 ports)

**Ripple and Regulation**

100mV maximum

**Efficiency**

75% (typical) at max load, 120VAC 60Hz

**Hold-up Time**

16mS min. 120VAC and max load

**Transient O/P Voltage Protection**

60V max at switch on/off at any AC line Phase

**Turn-On Delay Time**

20 sec max at max load, and 120VAC 60Hz, 60Hz

**ENVIRONMENTAL:****Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

Humidity 5 to 90%

**EMC**

EN55022 Class A, FCC Class A with UTP cabling

EN55022 Class B, FCC Class B with FTP cabling

**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

**FEATURES:****Cisco Legacy detection**

No extern parts required for Legacy devices:

VoIP Phones: 7910, 7912, 7940, 7960

Access Points: 1040, 1140, 1260, 3500

**Over Voltage/Current, Short Circuit Protection**

The output can be shorted permanently without damage

**Over Temperature Protection**

Automatic Shutdown without damage

**Indicators**

Green LED: Power detected “CONNECT”

Flashing GREEN: IEEE802.3af detected  
“CONNECT” at 15.4W

Yellow LED: Fault detected

**USB Diagnostics Port and NIC Interface**

USB “B” port for diagnostics and manual  
port control

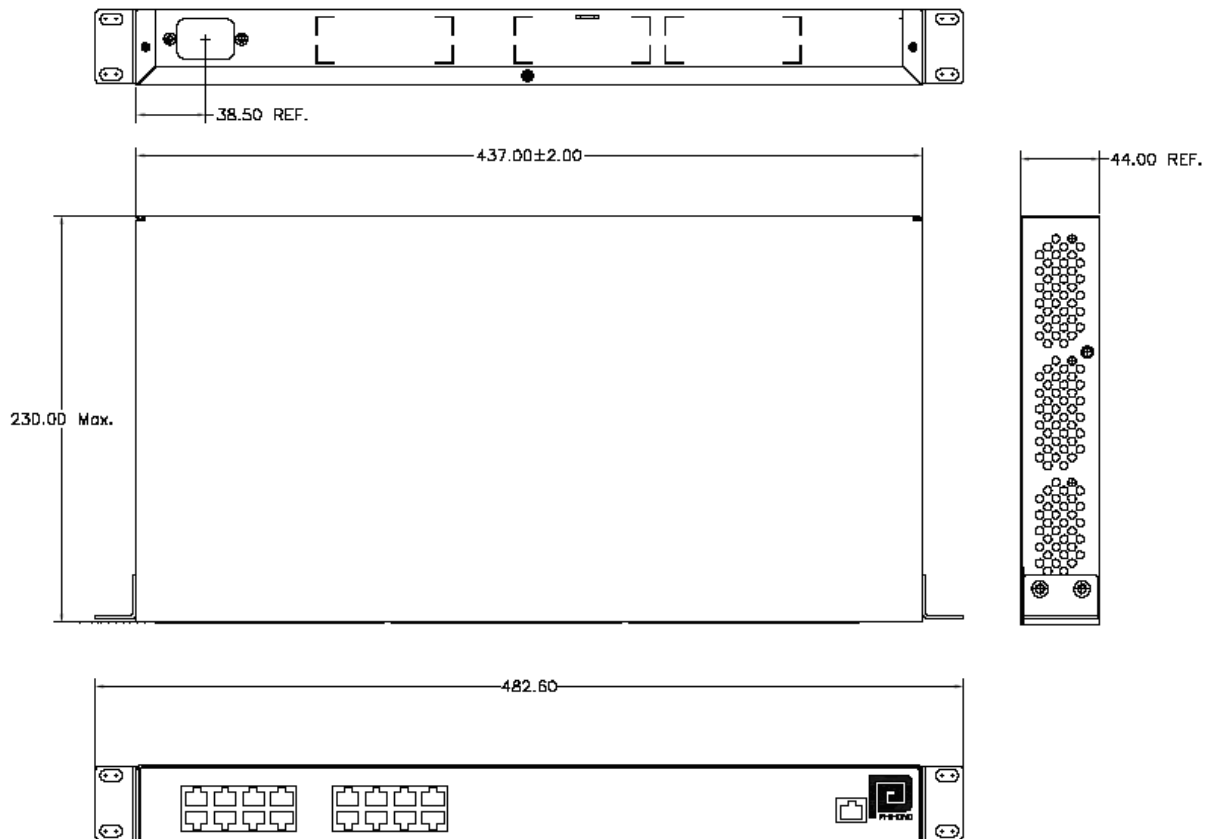
Windows GUI

NIC interface for remote management via  
secure IP access

**Input Connector**

AC Input IEC320 C14

**POE576U-AT Dimension Diagram**



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

Phihong USA Corporation  
47800 Fremont Boulevard  
Fremont, CA 94538  
Telephone: (510) 445-0100  
[www.phihong.com](http://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.