



8 Port IEEE802.3at/ 16 Ports IEEE802.3af Midspans 10/100/1000 Base-T Networks



Features

- Full Power on all Ports
- 2 Finger Classification
- SNMP Management Option
- 1U Rack Mountable (Kit Ships with Unit)
- May power Cisco AP1250 on 'at' ports using ACCY125X dongle
- 10/100/1000 Base-T Compatible
- Windows GUI
- Full Protection OTP, OCP, OVP
- Compliant with the IEEE802.3at Standard
- SSL option with SNMPv3 (N-option)
- Limited Lifetime Warranty

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	Port Output Power	
	POE576U-24AFAT(y)	Ports 1-8
Ports 9-24		15.4W/port

Options: y= N to add SNMP

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_AFAT_Firmware-Rev1.4.zip](#)
5. [SNMP_MIB.zip](#)
6. [Multiport_Midspan_Installation_Manual.pdf](#)

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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**

Ports 1-8 at 33.6W per port 268

Ports 9-24 at 15.6W per port

Total Power 556W max

Ripple and Regulation

100mV max

Efficiency

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

Hold-up Time

16mS min. 120VAC and max load

Transient O/P Voltage Protection

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

Turn-On Delay Time

20sec max at max load, 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 802.3af&at Interoperability

If 25kohm is detected the unit operates in "IEEE802.3at mode" 30W 2 pair powering. 12.5k detection resistance required for full power

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 “ON”

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-24AFAT Dimension Diagram

