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8-Port 72W per Port Midspan
POE576U-8UP-N for 10/100/1000 Base-T Networks

Features

- Proprietary Detection, Disconnect and Overload Protection
- Limited Power Source
- Gigabit Compatible
- 1U Rack Mounting Kit Ships with Unit
- Full Power of 576W--72W per Port
- Full Protection OTP, OCP, OVP
- SNMPv2c Management
- Ultra PoE at 72W per port
- 1 Year Warranty[1]

Applications

- Wireless Access Points
- Computer Workstations
- 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[2]	DC Output Voltage	Load		Output Power per Port
		Min.	Max.[3]	
POE576U-8UP-N-R	56V	15mA	1.29A	72W

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
2. Model without SNMP management available upon special request
3. Max load applies to compliant load at 12.5K detection. If operating at 25K "IEEE802.3at mode" max load is 0.6A

Reference files:

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

INPUT:

Input Voltage Rating
100 to 240VAC

Input Voltage Range
90 to 264VAC

AC Input Current
9.0A (RMS) 90VAC at maximum load
4.25A (RMS) 230VAC at maximum load

AC Input Frequency
47 to 63Hz

Leakage Current
3.5mA maximum at 264VAC and 60Hz

Max In-Rush Current:
30A for 115VAC at maximum load
60A for 230VAC at Maximum load
(Cold Start at Ambient 25°C)

OUTPUT:

Total Output Power
72W per port
576W Maximum Total Power

Ripple and Regulation
250mV maximum

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

Hold-Up Time
16mS 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
20 sec maximum at maximum load, 120VAC 60Hz

ENVIRONMENTAL

Temperature

Operation	0 to +40C
Non-Operation	-25 to +65C
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
EFP:	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

IEEE802.3af/at Interoperability
If 25K Ohm is detect the unit operates in "IEEE802.3at mode" 33.6W 2 pair powering. 12.5K detection resistance required for full power.

FEATURES:

Cisco Legacy Detection
No extern parts required for Legacy Devices:
VoIP Phones:7910, 7912, 7940, 7960
Access Points350, 1100, 1200

POE576-8UPN-R Characteristics WWW.PHIHONG.COM

Over-Voltage/Current, Short Circuit Protection
The output can be shorted permanently without damage

Over Temperature Protection
Automatic shutdown without damage

Indicators
Solid Green LED: Power detected "ON"
Flashing Green: IEEE802.3at or (af) detected
Yellow LED: Fault detected

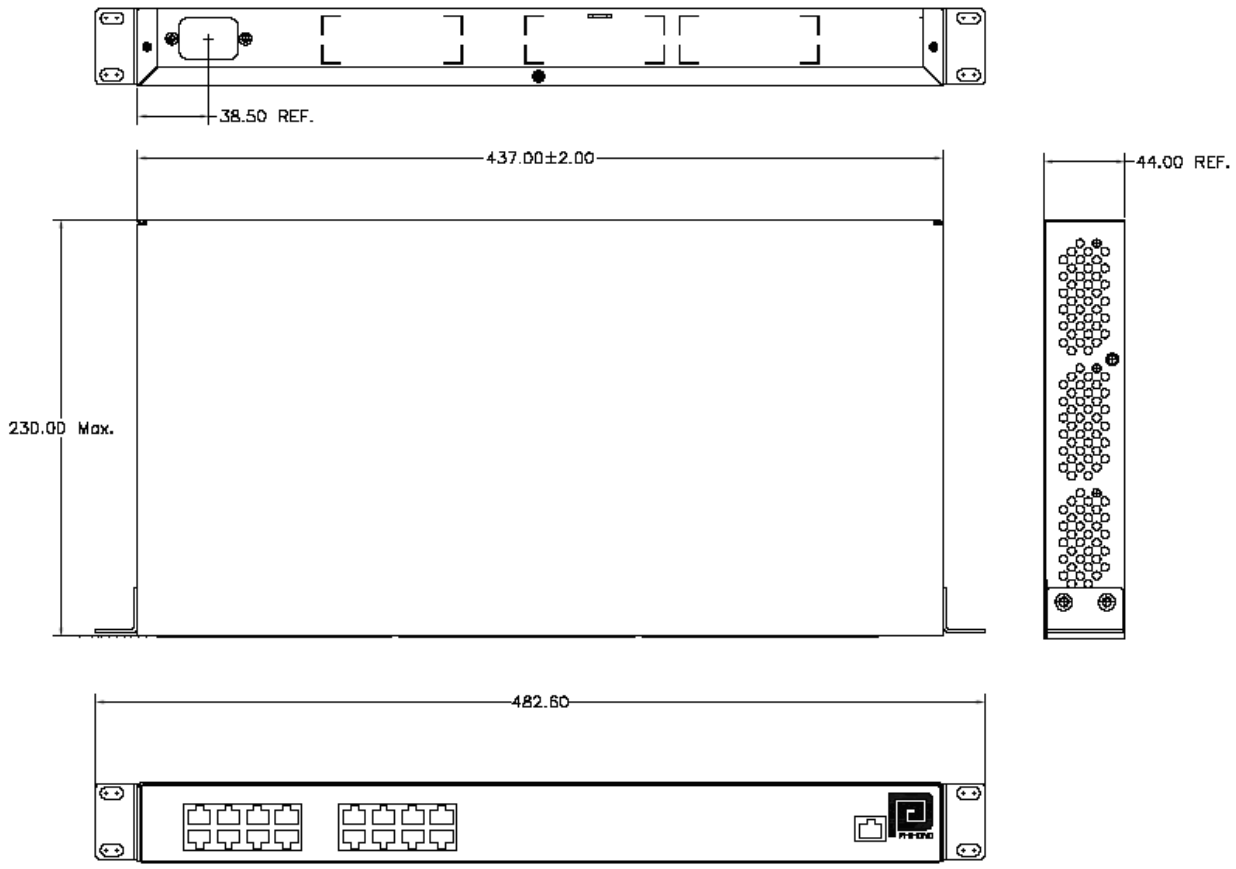
SNMPv2c management port Interface
NIC interface for remote management via secure IP access

Input Connector
AC Input IEC320 C14

Output Connection
4-pair powering for full power
Pins 3,6, 4,5(+)
Pins 1,2, 7,8 (-)

2-pair powering for IEEE802.3at mode
Pins 3,6(+)
Pins 1,2 (-)

POE576U-8UPN-R Dimension Diagram



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

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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.