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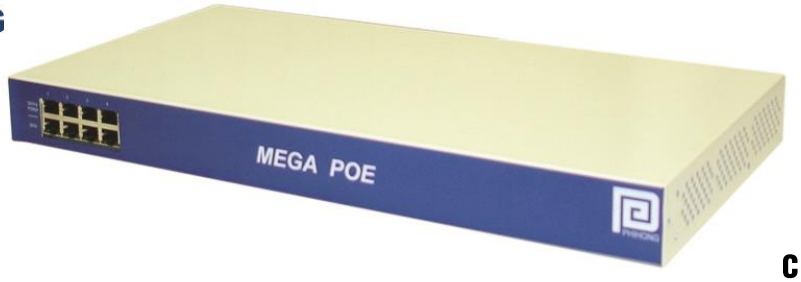
4-Port 95W per Port Midspan
Mega Power over Ethernet Midspans



Features

- Proprietary Detection, Disconnect and Overload Protection
- SNMP Management
- Mega PoE 95W per Port
- Diagnostic LEDs
- 1U Rack Mounting Kit Ships with Unit
- Fully Compliant Detection, disconnect and Voltage Control per IEEE802.3af
- Gigabit Compatible
- Full Protection OCP, OVP
- Limited Power Source
- 1 Year Warranty

Applications

- Wireless Access Points
- Computer Workstations
- Kiosks
- Security Systems
- IP Cameras
- Magnetic Locks

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

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

Output Specifications

Model (1)	DC Output Voltage	Load		Output Power per Port
		Min.	Max.(2)	
POE576U-4MP-N	56V	15mA	1.69A	95W

Note (1): Model without SNMP management available upon special request
Note (2): 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
95W per port
380W 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

Operation	5 to 90%
Non-Operation	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 min
Primary to Ground: 2121VDC for 1 min
Secondary to Ground: 2121VDC for 1 min

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.

FEATURE:

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

POE576U-4MPN Characteristics WWW.PHIHONG.COM

Over-Voltage/Current, Short Circuit Protection
Outputs equipped with short circuit protection and overload protection as per 802.3af specification except at maximum average current is 1.69A
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, 4, 5, 6 (+)
Pins 1, 2, 7, 8 (-)

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

POE576U-4MPN Dimension Diagram Unit: mm