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8-Port 75W per Port Midspan POE576U-8UPN for 10/100/1000 Base-T Networks

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Features

•	Proprietary Detection, Disconnect and
	Overload Protection

- Limited Power Source
- Gigabit Compatible
- 1U Rack Mounting Kit Ships with Unit

Applications

- Wireless Access Points
- Computer Workstations
- **Safety Approvals**
 - cUL/UL
 - CE

Mechanical Characteristics

- Length: 438mm (17.25in)
- Width: 228mm (8.98in)

• Height: 44.5 mm (1.75in)

Full Power of 576W--72W per Port

Full Protection OTP, OCP, OVP

SNMPv2c Management

Ultra PoE at 75W per port

1 Year Warranty

Security Systems

IP Cameras

• Weight: 3.8Kg (8.5lbs)

Output Specifications

Model ⁽¹⁾	DC Output	Load		Output Power per Port
WIOUCI	Voltage	Min.	Max. ⁽²⁾	Output I ower per I off
POE576U-8UP-N	56V	15mA	1.29A	72W

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

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POE576-8UPN Characteristics

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

TemperatureOperation0 to +40CNon-Operation-

Humidity

Operation Non-Operation 5 to 90% 5 to 90%

-25 to +65C

EMC

EN55022 Class A, FCC Class A with UTP cabling EN55022 Class B, FCC Class B with FTP cabling

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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.

FEATURE:

Cisco Legacy Detection No extern parts required for Legacy Devices: VoIP Phones: 7910, 7912, 7940, 7960 Access Points 350, 1100, 1200

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 1.29A 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 (-)

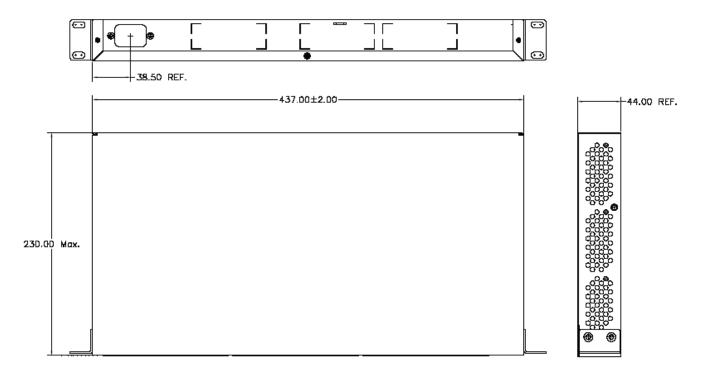
2-pair powering for IEEE802.3at mode Pins 3,6(+) Pins 1,2 (-)

Warranty

1 Year

POE576U-8UPN Dimension Diagram

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