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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 <sup>(1)</sup>	DC Output	Load		Output Power per Port
WIOUCI	Voltage	Min.	Max. <sup>(2)</sup>	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 (-)

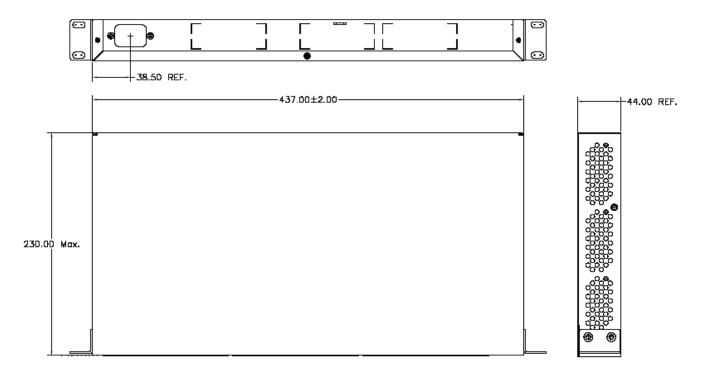
2-pair powering for IEEE802.3at mode Pins 3,6(+) Pins 1,2 (-)

#### Warranty

1 Year

# POE576U-8UPN Dimension Diagram

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