



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)
- SSL option with SNMPv3 (N-option)
- 10/100/1000 Base-T Compatible
- Windows GUI
- Full Protection OTP, OCP, OVP
- Compliant with the IEEE802.3at Standard
- 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	33.6W/port
	Ports 9-16	15.4W/port

Options: y= N to add SNMP

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INPUT:

AC Input

Voltage Range 90 to 264VAC

Input Frequency 47-63Hz

Input Current:

9A (RMS) maximum for 90VAC

4.5A (RMS) maximum for 230VAC

Leakage Current: 3.5mA maximum @ 264VAC 60Hz

AC Inrush Current:

30A (RMS) maximum for 115VAC

60A (RMS) maximum 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 maximum

Ripple and Regulation

100mV 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, and 120VAC 60Hz, 60Hz

ENVIRONMENTAL:

Temperature

Operation 0 to +40°C

Non-operation -25 to +65°C

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 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

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

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

Warranty

Limited Lifetime Warranty (See terms and conditions)

