



## 8/16/24 Port Gigabit Power over Ethernet Midspan POE370U for 10/100/1000 Base-T Networks



**iol** InterOperability Laboratory  
Part of the University of New Hampshire Research Computing Center



### Features

- IEEE 802.3af Detection, Disconnect and Overload Protection
- NIC Interface (Optional)
- SSL Option with SNMPv3
- 10/100/1000 base T Compatible
- Limited Lifetime Warranty
- Full Power of 370W--15.4W per Port No Power Management required
- Full Protection OTP, OCP, OVP
- 48V RPS Input (Optional)
- Cisco Legacy Detection
- 1U Rack Mounting Kit Ships with Unit

### Applications

- VoIP Phones
- Access Point
- Security Systems
- Lighting Systems with Single UPS

### Safety Approvals

- cUL/UL
- CE
- SAA
- C-Tick

### Mechanical Characteristics

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

### Output Specifications

Model	Number of Ports	Maximum Output Power
POE370U-480-8(x)*	8	125W
POE370U-480-16(x)*	16	250W
POE370U-480-24(x)*	24	370W

\*Optional code (x) = Blank for standard product with no options  
 "N" includes SNMP, Simple Network Management Protocol  
 "R" RPS DC Input  
 "RN" for RPS input and SNMP

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**INPUT:****AC Input Voltage Range**

90 to 264VAC

**AC Input Voltage Rating**

100 to 240VAC

**AC Input Current**

5.5A (RMS) maximum for 90VAC

2.75A (RMS) maximum for 240VAC

**Leakage Current**

3.5mA maximum @ 254VAC 60Hz

**AC Input Frequency**

47-63Hz

**AC Inrush Current**

30A (RMS) maximum for 115VAC

60A (RMS) maximum for 230VAC

**OUTPUT:****Total Output Power**

15.4W per port

**Ripple and Regulation**

100mV maximum

**Efficiency**

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

**Hold-up Time**

16mS min. 120VAC at maximum load

**Transient O/P Voltage Protection**

60V maximum at switch on and off at any AC line Phase

**Turn-On Delay Time**3 sec maximum at maximum load, and 120VAC 60Hz,  
25Hz**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 B, FCC Class B with FTP cabling

EN55022 Class A, FCC Class A with UTP 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 Interoperability**

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 specifications

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**

USB "B" port for diagnostics and manual port control

Windows GUI

**Input Connector**

AC

IEC320 inlet 3 pin

DC for RPS option

Molex Minifit

Shell 39-01-20-65

Pins 39-00-0077

**Warranty**

Limited Lifetime Warranty

