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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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



### Features

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

### Applications

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

### Safety Approvals

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

### Mechanical Characteristics

- Length: 438mm (17.25in)
- Height: 44.5 mm (1.75in)
- Width: 228mm (8.98in)
- 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

