



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



**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-480-24-N-R <sup>1</sup>	24	370W

Notes: (1) Consult Factory for availability. "N" includes SNMP, Simple Network Management Protocol

Reference Files:

1. [Multiport Midspan Installation Manual.pdf](#)
2. [19in Rack Mounting Kit Datasheet.pdf](#)
3. [SNMPv2c User Manual-Rev1.7.pdf](#)
4. [SNMPv2c Firmware-Rev1.7.zip](#)
5. [SNMPv2c MIB\\_10\\_30\\_2009.zip](#)

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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 5 to 90%

**EMC**

Complies with FCC Class B

Complies with EN55032 Class B

**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**FEATURES:****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**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

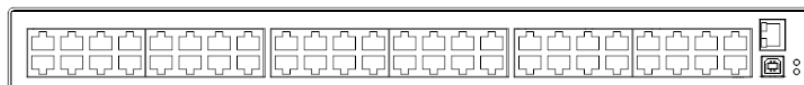
DC for RPS option

Molex Minifit

Shell 39-01-20-65

Pins 39-00-0077

POE370U-480-24-N-R Dimension Diagram Unit: mm



**Supplier's Declaration of Conformity**  
**47 CFR § 2.1077 Compliance Information**

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NOTE: This model has/The models in this products series have been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to equipment not expressly approved by PHIHONG could void the user's authority to operate the equipment.