



**16 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-480-16-N <sup>1</sup>	16	250W

Notes: (1) "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**En55022 Class B, FCC Class B with FTP  
cablingEN55022 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**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-480-16-N Dimension Diagram Unit: mm**

