



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
- Low Cost
- NIC Interface (Optional)
- 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

POE370 Characteristics

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

