



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
- 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

Phihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

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 Time3 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 ProtectionOutputs 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 PortUSB "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

