



8 Port Gigabit Power over Ethernet Midspan POE125U for 10/100/1000 Base-T Networks



Features

- IEEE802.3at Pre-Standard
- Low Cost
- Gigabit Compatible
- Optional Mounting Kit for 19" Rack
- Optional SNMPv3 with TLS/SSL
- Full Power of 125W – 15.4W per port
- No Power Management Required
- Full Protection OTP, OCP, OVP
- 1 Year Warranty
- Optional Cisco Legacy Detection

Applications

- VoIP Phones
- Access Points
- Security Systems
- IP Cameras

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

- Length: 224.9mm (8.85in)
- Width: 200mm (7.87in)
- Height: 48.5 mm (1.91in)
- Weight: 1.4Kg (3.0lbs)

Output Specifications

Model	Number of Ports	Cisco Legacy Support	SNMP
POE125U-8-R	8	No	No
POE125N-8C-R	8	Yes	No
POE125U-8N-R	8	Yes	Yes

Optional 19" Rack mounting adapter to mount 1 POE125U or 2 side by side; order P/N POE125U-ACCY01

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INPUT:

AC Input Voltage Range
90 to 264V AC

Input Voltage Rating
100 to 240V AC

Input Frequency
47 to 63Hz

Input Current
2.5A (RMS) maximum for 90V AC
1.3A (RMS) maximum for 230V AC

Leakage Current
<3.5mA maximum at 254V AC, 60Hz

AC Inrush Current
30A (RMS) maximum for 115V AC
60A (RMS) maximum for 230V AC

OUTPUT:

Total Output Power
15.4W per port, 125W Total Power

Ripple and Regulation
100mV maximum

Efficiency
75% (typical at maximum load, and 120V AC 60Hz)

Hold-up Time
10mS minimum 120V AC and 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 120V AC 60Hz,
25Hz

Immunity

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

IEEE802.3af Interoperability

UNH Interoperability report available upon request

FEATURE:

Cisco Legacy Detection (Option)

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 specification
The output can be shorted permanently without damage

Over Temperature Protection

Automat shutdown without damage

Indicators

Green LED: Power detected “ON”
Yellow LED: Fault Detected

Input Connector

AC Input IEC320 3 Pin

Warranty

1 Year

POE125U Dimension Diagram (mm)

