



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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
POE125U-8-C-R	8	Yes	No
POE125U-8-N-R	8	Yes	Yes

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

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 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)

