

Power-Over-Ethernet Injector and Power Supply Model: PS4820-POE-1

Applications & Features

- Applications:**
- Wireless LAN Access Points and Bridges
 - Wireless LAN WiFi Amplifiers and Amplified Antennas
 - VoIP (Voice over Internet Protocol) Telephones
 - IP Surveillance Cameras
 - Web Cameras

- Features:**
- PoE Injector and Power Supply in one unit
 - Integral 48VDC @ 20W Power Supply
 - 100-250 VAC Input
 - Dual RJ45 Jacks
 - Regulated output with low ripple



Description

The L-com PS4820-POE-1 is a Power-over-Ethernet (PoE) power supply with self contained midspan power injector. It provides DC power for one PoE-equipped device by "Injecting" DC power through the CAT5 ethernet cable. It is compatible with AP's and other equipment supporting the IEEE standard PoE pinout (Pins 4&5 Power + / Pins 7&8 Power -).

Since the PS4820-POE-1 is completely self-contained, a separate power supply and injector is not required. The PS4820-POE-1 features an impact resistant polycarbonate enclosure and includes a 3-prong detachable power cord.

Specifications

Mechanical Specifications	
Enclosure	Black 94V0 Polycarbonate
Weight	.35 lbs. (.12 kg)
Dimensions	3.9 x 2.4 x 1.3 (inches) 101 x 61.5 x 34.2 (mm)
Electrical Specifications	
Connectors	(2) RJ45 Jacks
Inlet Type	IEC320-C14 w/ground
Data Lines	Pair 1: Pins 1/2 Pair 2: Pins 3/6
CAT-5 Power Pinout	+ VDC: Pins 4/5 - VDC: Pins 7/8
Operating Temperature	0° C to +40° C
Power Supply	48VDC @ 20W
Max Current	0.5A
Input	100-250 VAC
CE, UL and cUL Listed	Yes
RoHS Compliant	Yes



J1

J2

J1 Pins

J2 Pins

1 Data Pair 1	↔	1 Data Pair 1
2 Data Pair 1	↔	2 Data Pair 1
3 Data Pair 2	↔	3 Data Pair 2
4 + VDC		4 No Connection
5 + VDC		5 No Connection
6 Data Pair 2	↔	6 Data Pair 2
7 - VDC		7 No Connection
8 - VDC		8 No Connection