

## 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



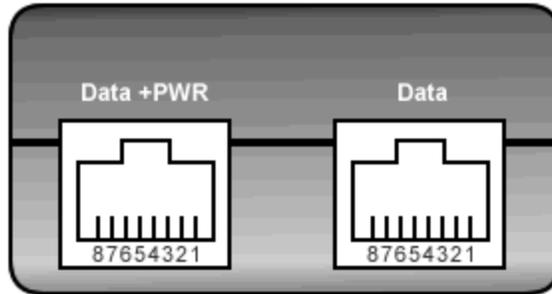
### Description

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

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



<b>J1</b>		<b>J2</b>
<b><u>J1 Pins</u></b>		<b><u>J2 Pins</u></b>
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