

## HyperLink Wireless brand Power-Over-Ethernet Injector and Power Supply

Model PS4820-POE

### 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
  - Bluetooth® Access Points
  - Web Cameras

- Features:**
- PoE Injector and Power Supply in one unit
  - Integral 48VDC @ 20W Power Supply
  - Integral DC Injector
  - 100-250 VAC Input
  - Dual RJ45 Jacks
  - Impact Resistant Enclosure
  - Includes Detachable Power Cord
  - CE and UL Listed
  - FCC Part 15, Sub Part B – Class B Compliant
  - RoHS Compliant

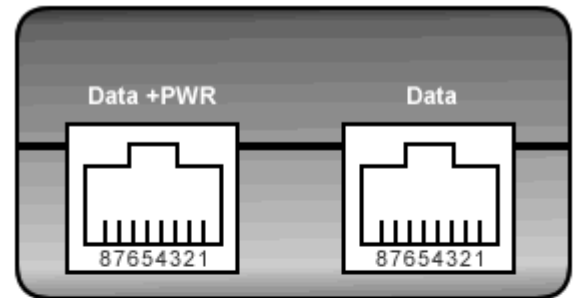


**All-In-One!**

### Description

The HyperLink PS4820-POE is a Power-over-Ethernet (PoE) power supply with integral DC 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 -). This unit can also be used with Cisco PoE equipment using the optional PoE conversion cable below.

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



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

## Specifications


### Mechanical Specifications

<b>Enclosure</b>	Black 94V0 Polycarbonate
<b>Weight</b>	.43 lbs. (.2 kg)
<b>Dimensions</b>	4.2 x 2.6 x 1.5 (inches) 107.9 x 66.5 x 38.6 (mm)

### Electrical Specifications

<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>	0.42A
<b>Input</b>	100-250 VAC
<b>CE and UL Listed</b>	Yes
<b>FCC Compliant</b>	FCC Part 15, Sub Part B – Class B
<b>RoHS Compliant</b>	Yes

## Accessories

Part Number		Description
CA-POE-02		<b>2 ft. PoE Conversion Cable for Cisco Access Points</b> Allows use of HyperLink's PoE injectors with Cisco Access Points. Converts IEEE 802.3af standard PoE pinout to Cisco standard.