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
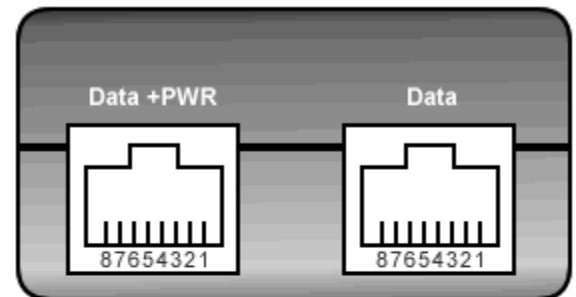- FCC Part 15, Sub Part B – Class B Compliant
- RoHS Compliant

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.

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

Specifications

Mechanical Specifications

Enclosure	Black 94V0 Polycarbonate
Weight	.43 lbs. (.2 kg)
Dimensions	4.2 x 2.6 x 1.5 (inches) 107.9 x 66.5 x 38.6 (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	0.42A
Input	100-250 VAC
CE and UL Listed	Yes
FCC Compliant	FCC Part 15, Sub Part B – Class B
RoHS Compliant	Yes

Accessories

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