Gigabit Power-Over-Ethernet Injector/Midspan with integral Power Supply

Applications & Features

Applications:

- Wireless LAN Access Points and Bridges
- Gigabit PoE Switches
- IP Surveillance Cameras
- Gigabit Network Appliances

Features:

- 10/100/1000BaseT compatible
- Four Gigabit rated transformers
- Integral 48VDC @ 19W power supply
- Current limited output
- Regulated output with low ripple
- Dual RJ45 Jacks

Model: PS4820GB-POE

Description

The L-com PS4820GB-POE is a Gigabit Power-over-Ethernet (PoE) Injector/Midspan with integral 48 volt, 19-Watt power supply. The unit uses Phantom-powering techniques to combine Data and DC power onto Gigabit Ethernet data pairs 4/5 and 7/8. The unit features four Gigabit rated transformers to minimize signal distortion. This is in contrast to competitive products that use only two transformers. The PS4820GB-POE supports 10/100/1000BaseT data rates. It is compatible with Network Appliances equipment supporting the IEEE standard PoE pinout (Pins 4&5 (+) Pins 7&8 Power (-). The PS4820GB-POE features an impact resistant polycarbonate enclosure. Note, power cord sold separately.

Specifications

Mechanical Specifications	
Enclosure	Black Impact Resistant Polycarbonate
Weight	.43 lbs. (.20 kg)
Dimensions	5.2 x 2.1 x 1.4 (inches) 133 x 54 x 36 (mm)
Electrical Specifications	
Connectors	(2) RJ45 Jacks
Inlet Type	IEC320-C14 w/ground
PoE Power Pinout	+ VDC Pins 4/5 - VDC Pins 7/8
Operating Temperature	0° C to +40° C
Power Supply	48VDC @ 19W
Max Current	0.6A
Input	100-240 VAC
CE, UL and cUL Listed	Yes
RoHS Compliant	Yes

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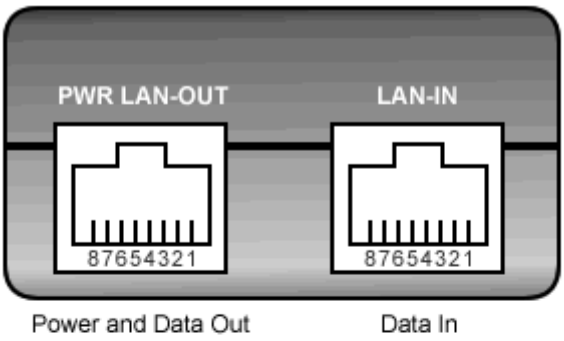

(Rear of Unit)

PoE Gigabit Pin-Out Connections:

Data ↔ POWER (+) ↔ Pins 4/5 (Data + PWR)

Data ↔ Pins 1/2 (Data Only)

Data ↔ Pins 3/6 (Data Only)

Data ↔ POWER (-) ↔ Pins 7/8 (Data + PWR)

Note: ↔ POWER (-) ↔ = Transformer