

Desktop 48VDC Gigabit PoE Injector/Midspan with Integral 20W Power Supply Model: PS4820GB-POE-1

Applications

- Wireless LAN access points and bridges
- Wired gigabit PoE switches
- High definition IP surveillance cameras
- Gigabit network devices

Features

- 10/100/1000 Mbps
- PoE Injector/Midspan and Power Supply in one unit
- Integral 48VDC @ 20W power supply
- Built in protection circuits
- IEEE 802.3af compatible



Description

The PS4820GB-POE-1 is a Gigabit Power-over-Ethernet (PoE) Injector/Midspan with integral power supply. It provides 48VDC @ 20W of PoE power for multiple* PoE-equipped devices by "Injecting" DC power through the CAT5/6 Ethernet cable. It is compatible with Access Points and other equipment supporting the IEEE standard PoE pinout (Pins 4 & 5 Power + / Pins 7 & 8 Power -) and the 48VDC power requirement.

*The total number of devices that can be powered will depend on the power requirements of each device used.

Compact Size

Since the PS4820GB-POE-1 is completely self-contained, a separate power supply and injector is not required. Its compact size makes it ideal for crowded equipment enclosures or for use on a desk top.

Built in protection circuits

The PS4820GB-POE-1 feature built in over voltage, over current and short circuit protection. If an overload is detected, the power shuts down automatically; when the overload is cleared, the power is restored.

Note: 1 ft. power supply cord sold separately. See PSCORD3

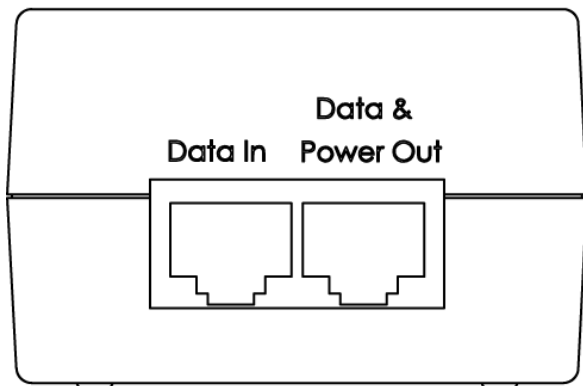
Specifications

Mechanical Specifications

Connectors	(2) RJ45 Jacks
Dimensions	4.8 x 2.4 x 1.5 in. (123 x 61 x 40 mm)
Weight	7.2 oz. (205g)
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	10-90% Relative Humidity (no freezing dew)
Storage Temperature	-20°C to 85°C (-4°F to 136°F)
Storage Humidity	10-95% Relative Humidity (no freezing dew)

Electrical Specifications

Data Lines	Pair 1: Pins 1/2 Pair 2: Pins 3/6
CAT5 Power Pinout	+ VDC: Pins 4/5 - VDC: Pins 7/8
Power Supply	48VDC @ 20W
Max Current	.42A
Input Power	100-240VAC
Over Load Protection	115%-150% of Rated Power
Over Voltage Protection	130%-150% of Rated Voltage
Short Circuit Protection	Yes
RoHS Compliant	Yes
UL Listed	No
EMI and EMC Compliance	EN 55022 & EN 55024



PoE Gigabit Pin-Out Connections:

