

Wall Mount 12VDC PoE Injector/Midspan with Integral 12W Power Supply Model: PSW1212-POE

Applications

- 12VDC Power-Over-Ethernet devices
- 12VDC VoIP (Voice over Internet Protocol) telephones
- 12VDC wireless LAN Access Points and Bridges
- 12VDC IP surveillance cameras

Features

- Compact wall mount design
- No additional power cables required
- Integral 12VDC @ 12W power supply
- Built in protection circuits
- IEEE 802.3af compatible



Description

The PSW1212-POE is a Power-over-Ethernet (PoE) Injector/Midspan with integral 12VDC, 12 Watt power supply. It provides 12VDC power for one PoE-equipped device by "Injecting" DC power through the CAT5 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 12VDC power requirement.

Compact Wall Mount Design

Since the PSW1212-POE is completely self-contained, a separate power supply and injector is not required. It can be plugged directly into a wall electrical outlet, eliminating the need for additional power cables. The compact size makes it ideal for crowded equipment enclosures. The PSW1212-POE can convert any of L-com's 120VAC industrial enclosures into a 12VDC PoE ready enclosure.

Built in protection circuits

The PSW1212-POE 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.

Specifications

Mechanical Specifications

Connectors	(2) RJ45 Jacks
Dimensions	3.3 x 1.8 x 2.1 in. (84 x 47 x 54.5 mm)
Weight	3.3 oz. (96g)
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	12VDC @ 12W
Max Current	1A
Startup Current (cold start)	20A Max. @ 25°C, 230VAC Input
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
EMI and EMC Compliance	EN 55022 & EN 55024

