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POI-2002

PoE Injector, 6KV



Product Overview

The LevelOne POI-2002 is a Power over Ethernet injector that not only delivers a cost-effective solution for power distribution, but also provides a seamless way of deployment on the existing LAN infrastructure. It is equipped with 6KV PoE Surge Protection and generating up to 18W and the data that comes from a non-PoE switch are merged together and then transmitted to the 802.3af compliant products such as PoE dome cameras through the Ethernet cabling. Hence, preserving your investment in hardware upgrade without the need for buying extra PoE switches. Furthermore, non-PoE devices like wireless access points can also be powered up remotely by adding additional PoE splitters, since power and data are further split into two cables, therefore these devices may be installed in hard-to-reach areas like ceilings where there are no any outlets or electrical wiring nearby.

PI106-UL Features

- CE/FCC, UL/cUL certified
- 6KV PoE Surge Protection
- Up to 18W of PoE Power Feeding on 2-pairs
- IEEE 802.3at/af PoE compliant via midspan PoE pin 4,5,7,8
- Over Voltage (60V max.)/Current (0.65A max) Protection, Short-Protection

- Safe and Reliable Power to WLAN Access Points, 4G/5G LTE, IP Cam
- Supports 10/100Base-T LAN environment
- Wall-mounted design to well fix the installation

Specification

Specifications	
No. of PoE PSE Ports	1
Pass Through Data Rates	10/100 Mbps
Power over Ethernet Output	
Pin Assignment and Polarity	Pin 4/5(+), pin 7/8(-)
Output Power Voltage	48 VDC Maximal
User Port Power	18W Max.
Input Power AC Input Voltage	100 ~ 240 VAC
Requirements AC Input Current	0.32A @ 100-240 VAC
AC Frequency	50 to 60 Hz
Dimension of Injector	35.5 (H) x 55 (W) x 137.5 (L) mm
Weight of Injector	175g
Indicators	DATA + Power(Green), DATA (Green)
Connectors	RJ-45 x 2
Environmental Conditions	
Operating Temperature	0 to 40 ℃
Regulatory	FCC part 15 Class B, EN55032 Class B,
PoE Surge Protection	6KV, EN61000-4-2 ESD
Safety Approvals	UL/cUL, IEC/EN 60950
Hazardous Substances	Lead free process, EU Directive 2011/65/EU “RoHS”, 2012/19/EU “WEEE”, REACH compliant

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