POI-2002 Version: 3

PoE Injector, 15.4W

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.

Key Features

- Remove the need for a bulky power adapter and power line
- Delivers power and data to equipment via a single Ethernet cable
- Simple Plug and Play installation
- Remote power feeding up to 100m
- Surge protected to enhance safety
- Unique interlocking feature for easy installation
- Total PoE power budget: 15.4W, up to 15.4W per port
- 6KV surge protection level on each port

Specifications

System Specifications

Standards & Protocols:
IEEE 802.3 10Base-T, Ethernet
IEEE 802.3u 100Base-TX, Fast Ethernet
IEEE 802.3af Power over Ethernet (PoE)

Port:
1 x 10/100Base-TX RJ-45 Input Port
1 x 10/100Base-TX RJ-45 PoE Output Port

Indicator:
Power, PoE

Pin Assignment and Polarity:
4/5 (+), 7/8 (-)

Power Input:
PoE Power Output: DC 56V / 15.4W
Unit Output Voltage: DC 56V / 0.33A
Power Requirement: 100-240V AC, 50/60Hz, 0.8A
Power Consumption: 15.4W (Max.)

Power Output:
18W

Data Rate:
10/100Mbps

Features

PoE:
IEEE 802.3af compliant

Environment

Operating Temperature (°C):
Operating: -20°C ~ 60°C
Storage: 0°C ~ 70°C

Operating Humidity (Non-condensing):
Storage: 5% to 95%
Operating: 5 ~ 95%

Installation:
Wall mount

Physical Specifications

Dimensions (W x D x H mm):
173.5 x 55 x 35.5mm

Weight (g):
275g

Approval and Compliance

EMI/EMS:
EN55024 Class B, FCC, CE, Industry Canada ICES-003 Class B

Safety:
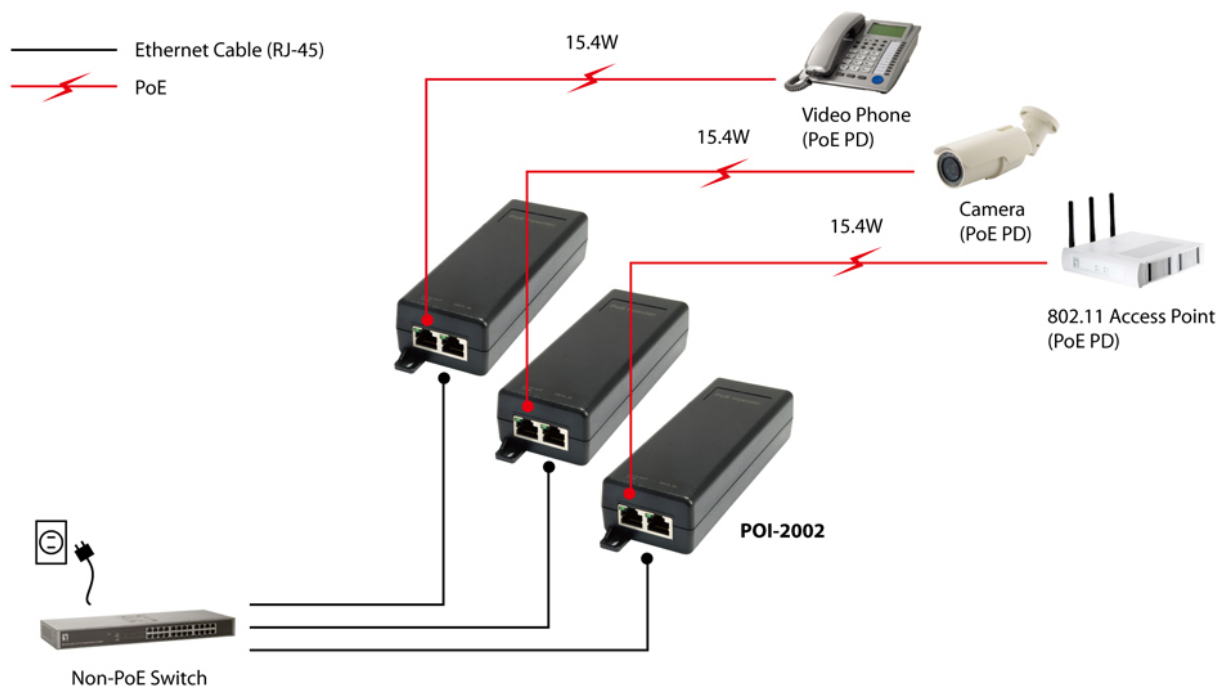EN60950, EN62368, UL

Environmental Test:
IEC61000 ESD Level 4 (Con 8KV /Air 15KV)

Others:
EN55022 Class B, Hi-pot 3KVac, Insulation Resistance 50M?
6KV PoE Surge, EN55032, AS/NZS CISPR32,

Diagram

Ethernet Cable (RJ-45)

PoE

15.4W

Video Phone
(PoE PD)

15.4W

Camera
(PoE PD)

15.4W

802.11 Access Point
(PoE PD)

POI-2002

Non-PoE Switch

Order Information

POI-2002

Package Contents

POI-2002
Quick Installation Guide
Power Cord