# Gigabit PoE Injector

POI-2001

## H/W Version: 2

### Advanced PoE Solution

The LevelOne POI-2001 is a single port, PoE PSE solution for remote PoE PD devices. Generating up to 15.4W, the POI-2001 supplies remote power for new applications such as wireless access points, IP cameras and videophones. It complies with the IEEE 802.3af PoE standard.

The injector works with 10/100Base-T networking devices and emerging 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n access points. With all the functions featured in POI-2001, people can get the benefit of flexible network installation at lower cost and less downtime. It also provides a high-bandwidth pipe to the network.

1 2 3 4 5 6 7 7

1. PoE LED Indicators
2. RJ-45 Output Port
3. RJ-45 Input Port
4. Interlocking Feature

5. Power Socket
6. Interlocking Feature
7. Wall-Mountable

### Key Features

- Up to 15.4W of PoE Power
- IEEE 802.3af compliant
- Safe on Low Power Devices - Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non–standard Ethernet Terminals
- Supports 10/100/1000Base-T LAN environnements
- Unique interlocking feature for easy installation

### Works Well With

**POS-3000**
Gigabit High Power PoE Splitter

**POS-1001**
Gigabit PoE Splitter

## Technical Specifications

### Standards Compliance
IEEE 802.3 10Base-T Ethernet
IEEE 802.3u 100Base-Tx Fast Ethernet
IEEE 802.3 af Power over Ethernet
Connector
RJ-45 10/100/1000 Mbps

### PoE Power Output
Pin Assignment and Polarity: 1/2(+), 3/6 (-)
Output Power Voltage: 52 Vdc Maximal
Power: 15.4 Watts Maximal
Input Power AC Input Voltage: 100~240 VAC
Requirements AC Input Current: 0.8A@ 100-240 VAC
AC Frequency: 50~60 Hz

### Dimensions (L x W x H) / Weight
143mm x 51mm x 38mm (5.62in x 20in x 1.49in)
350g (0.77lbs)

### Indicators:
AC Power (Orange) / PoE (Green)

### Environmental Conditions
Operating Temperature: 0~45°C
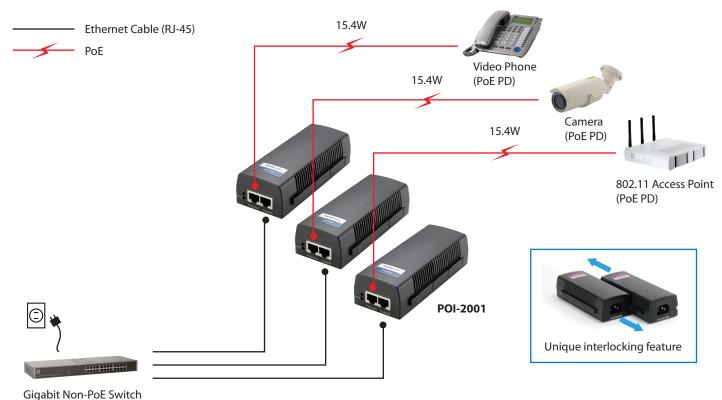Storage Humidity: Maximum 95%, Non-condensing

### Regulatory
RoHS Compliant, CE/FCC

### Safety Approvals
EN 60950:2006

## Product Diagram



Ethernet Cable (RJ-45)

PoE

15.4W

15.4W

15.4W

Video Phone
(PoE PD)

Camera
(PoE PD)

802.11 Access Point
(PoE PD)

POI-2001

Unique interlocking feature

Gigabit Non-PoE Switch

| Order Information | **POI-2001:** Gigabit PoE Injector |
|---|---|
| Package Contents | POI-2001 x 1 |
| | Power Cord x 1 |
| | Quick Installation Guide x 1 |