



POI-3000 Version: 3

## Gigabit PoE Injector, 802.3at/af PoE, 30W

### Advanced PoE Solution

The LevelOne POI-3000 is a single port, high power PoE PSE solution for remote PoE PD devices. Generating up to 30W, POI-3000 supplies remote power for new applications such as wireless access points, pan-tilt-zoom (PTZ) IP cameras and videophones. It complies with IEEE 802.3at PoE standard and is backward to IEEE802.3af. It can work with 10/100Base-T networking devices and emerging 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n access points. For all the function featured in POI-3000, people can get the benefit of flexible network installation at lower cost, less downtime. It also provides a high-bandwidth pipe to the network.

### Key Features

- IEEE 802.3af/at PoE PSE with 30W power budget
- Auto-detection and protection of non-standard PoE devices
- Unique interlocking feature for easy installation
- 10/100/1000Mbps wire speed transmission and reception
- 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  
IEEE802.3ab 1000Base-T, Gigabit Ethernet  
IEEE 802.3af/at Power over Ethernet (PoE) compliant

##### Port:

1 x 10/100/1000Base-T RJ-45 Input Port  
1 x 10/100/1000Base-T RJ-45 PoE Output Port

##### Indicator:

Power, PoE

##### Pin Assignment and Polarity:

1/2 (+), 3/6 (-)

##### Power Input:

PoE Power Output: DC 56V / 30W  
Unit Output Voltage: DC 56V / 0.54A  
Power Requirement: 100-240V AC, 50/60Hz, 0.8A  
Power Consumption: 30W (Max.)



**Power Consumption:**

30W

**Data Rate:**

10/100/1000Mbps

## Features

**PoE:**

IEEE 802.3af/at standard

## 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:**

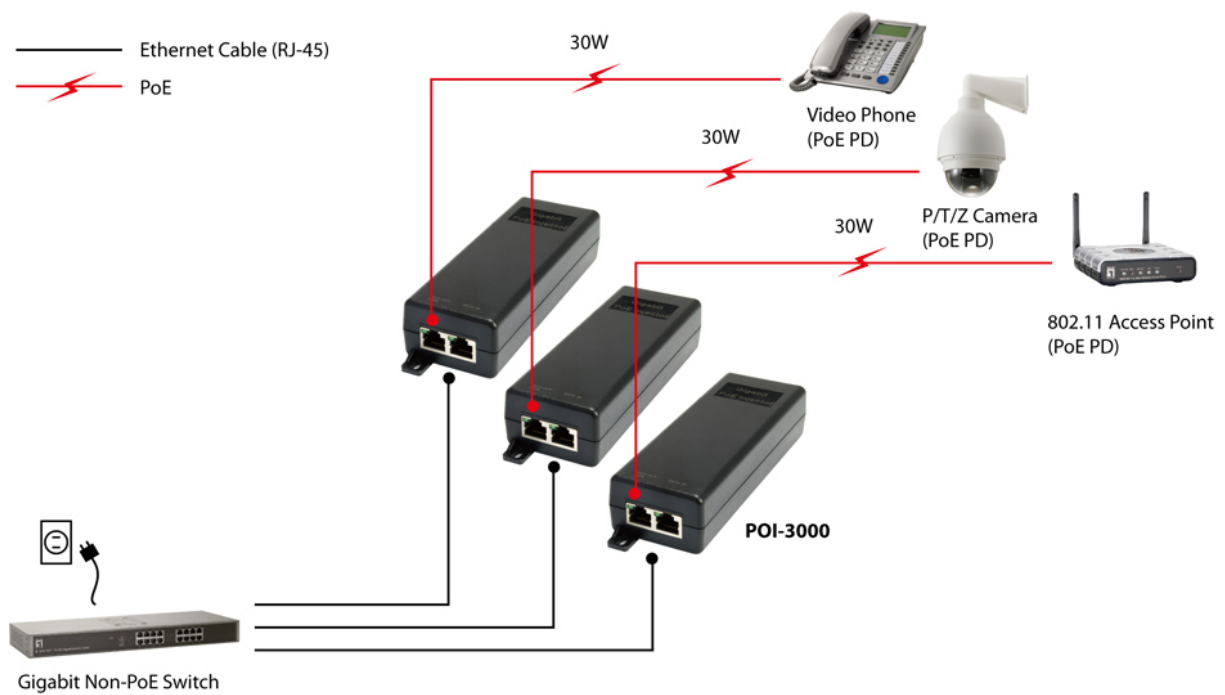
IEC61000 ESD Level 4 (Con 8KV /Air 15KV)

**Others:**

EN55022 Class B, Hi-pot 3KVac, Insulation Resistance 50M?

6KV PoE Surge, EN55032, AS/NZS CISPR32,

## Diagram



## Order Information

POI-3000

## Package Contents

POI-3000  
Quick Installation Guide  
Power Cord

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