



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:**

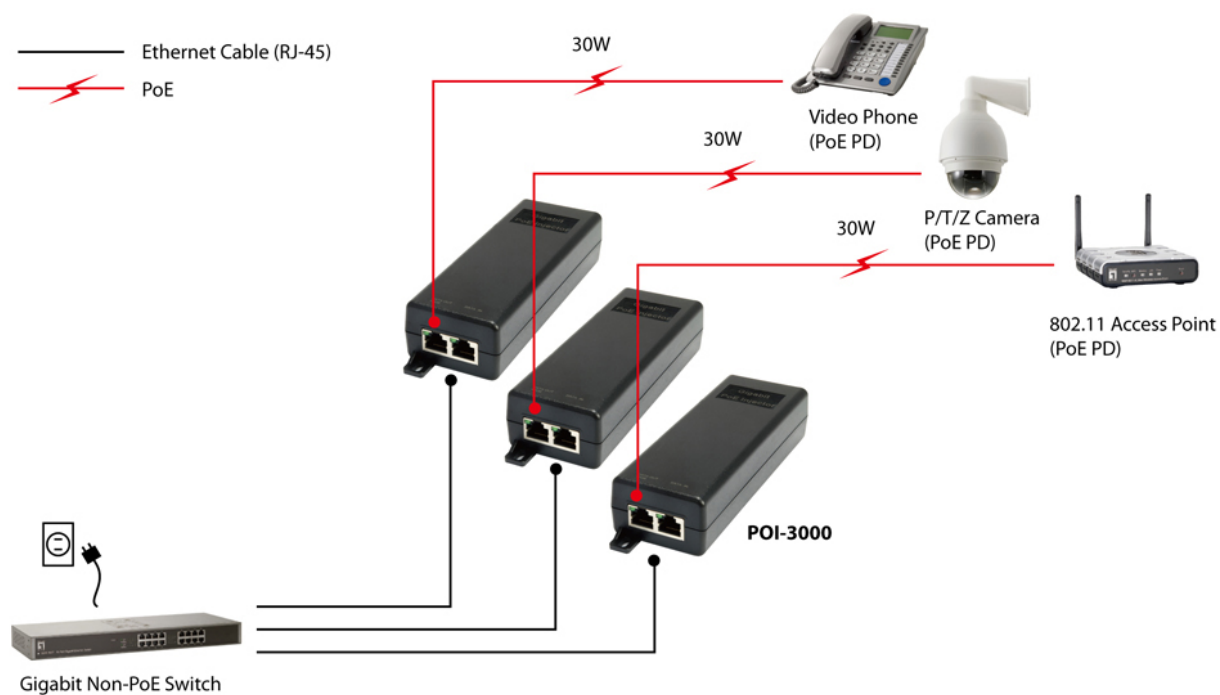
IEC61000 ESD Level 4 (Con 8KV /Air 15KV)

**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

No liability or responsibility for any errors or omissions in the content.  
Specifications are subject to change without notice.  
All mentioned brand names are registered trademarks and property of their owners.  
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.