



POI-3000 Version: 2

## Gigabit PoE Injector, 802.3at PoE+

### 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.



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 30W of PoE Power Feeding on 2-pairs
- IEEE 802.3at Compliant
- IEEE 802.3af backward compatible
- Compatible with IEEE 802.3af or Legacy PoE applications
- 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 environment
- Unique interlocking feature for easy installation



## 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 Power over Ethernet (PoE)  
IEEE 802.3at Power over Ethernet Plus (PoE+)

#### Connectors and Cabling:

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:

100-240V AC, 50/60Hz, 0.8A

#### Power Output:

PoE DC 52V / 0.6A (30W)

#### Power Consumption:

30W (Max.)

### Features

#### PoE:

IEEE 802.3af/at compliant

### Environment

#### Temperature (°C):

Operating: 0°C ~ 45°C  
Storage: 0°C ~ 70°C

#### Humidity (Non-condensing):

Storage: 5% to 95%  
Operating: 5 ~ 95%

#### Deployment:

Wall mount

### Physical Specifications

#### Dimensions (W x D x H mm):

87.9 x 51.3 x 166mm

#### Weight (g):

350g

### Reliability

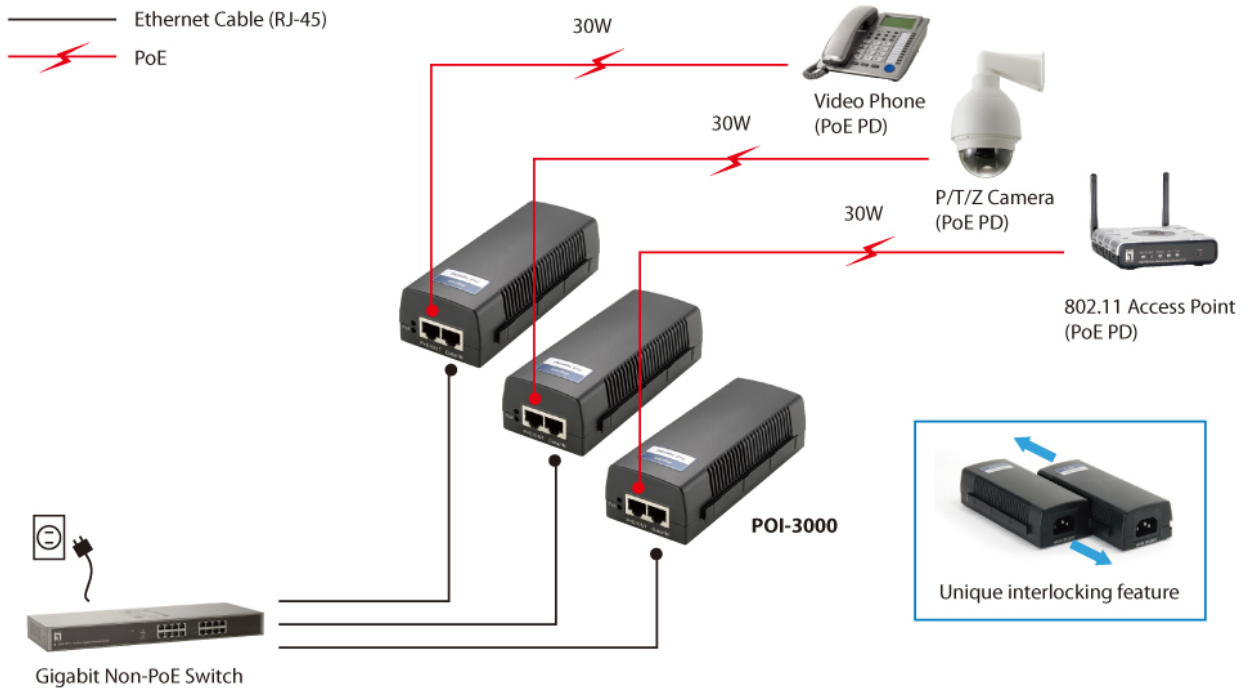
#### MTBF:

87.0966(K.hrs)

### Approval and Compliance

EMI/EMS:  
FCC Part 15, CE, RoHS  
Safety:  
EN 60950:2006

## Diagram



## Order Information

POI-3000

## Package Contents

POI-3000

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.