



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

Operating Temperature (°C):

Operating: -20°C ~ 60°C

Storage: 0°C ~ 70°C

Operating Humidity (Non-condensing):

Storage: 5% to 95%

Operating: 5 ~ 95%

Mount:

Wall mount

Features

PoE:

IEEE 802.3af/at standard

Physical Specifications

Dimensions (W x D x H mm):

173.5 x 55 x 35.5mm

Weight (g):

150g

Approval and Compliance

EMI/EMS:

EN55024 Class B, FCC, CE, Industry Canada ICES-003 Class B

Safety:

EN60950, EN62368, UL

Environmental Test:

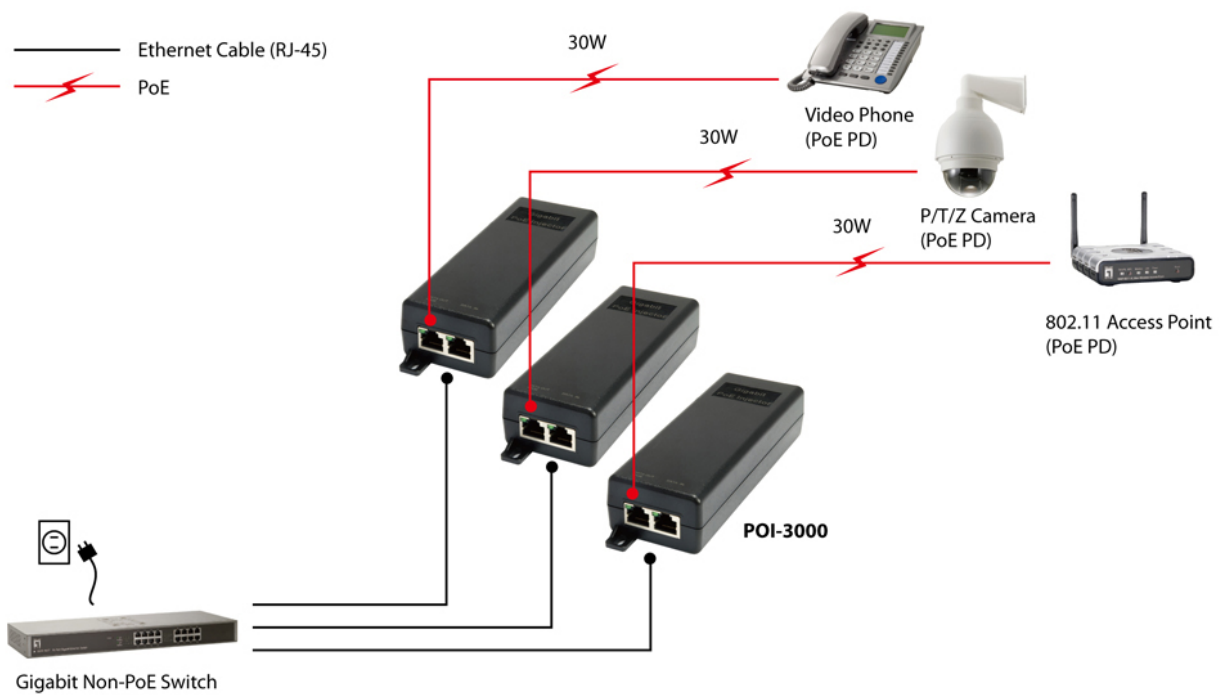
IEC61000 ESD Level 4 (Con 8KV /Air 15KV)

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

Digital Data Communications GmbH
Hohe Straße 1, 44139 Dortmund, Germany

Specifications are subject to change without notice. No liability or responsibility for any errors or omissions in the content.
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.