



# PoE Injector



POI-4000(-Z)

H/W Version: 1

### Background

The IEEE 802.3af standard limits the maximum current on an Ethernet cable to 350Ma. This provides for a maximum end-point power consumption of 12.95 Watts, which is fine for some devices. But many professional networking devices require more power.

### Introducing the ultimate solution for high-power PoE

LevelOne POI-4000(-Z) is a high power, PSE Power Injector for use in Power over Ethernet systems. With Ethernet Input (data only) port and Output (data

power) port, POI-4000(-Z) delivers up to 40 Watts over Cat.5/6/7. This provides excellent support for PD devices such as PoE IP surveillance, outdoor access points or PoE VoIP telephones.

### Maximize your PoE network

POI-4000(-Z) can work with PoE PD devices to extend the PoE network several hundred meters. This unbeatable solution is available only from LevelOne! It brings long distances with no latency or loss of network speed.



- 1. LED Indicator
- 2. Power Jack
- 3. RJ-45 In
- 4. RJ-45 Out

### Key Features

- 40 Watt High-Power PSE Power Injector
- Sends Power over Ethernet to remote devices
- DC INPUT: 12~20V DC
- Ethernet 100 Mbps Wire Speed
- Simple to install-plug & play
- Power Protection: OCP, OVP

### Works Well With



**POS-4000**  
High Power PoE Splitter 12V



**POC-4000**  
8-Bay High Power PoE Chassis



### Technical Specifications

#### LAN Interface:

IEEE 802.3x, Auto-Detection for 10/100BASE-T and full/half duplex

Standard Straight-through, or Cross-over CAT 5 Cable

Automatic MDIX function

RJ-45 Connector x 2

#### LED Indicators:

POWER: Power is ON

LAN IN: Data Activity of LAN IN Port

LAN OUT: Data Activity of LAN OUT Port

#### Regulations & Approvals:

FCC Rules Part 15 Class A

CE

#### Power

19V / 3.16A

#### Physical Dimension: (L x W x H)

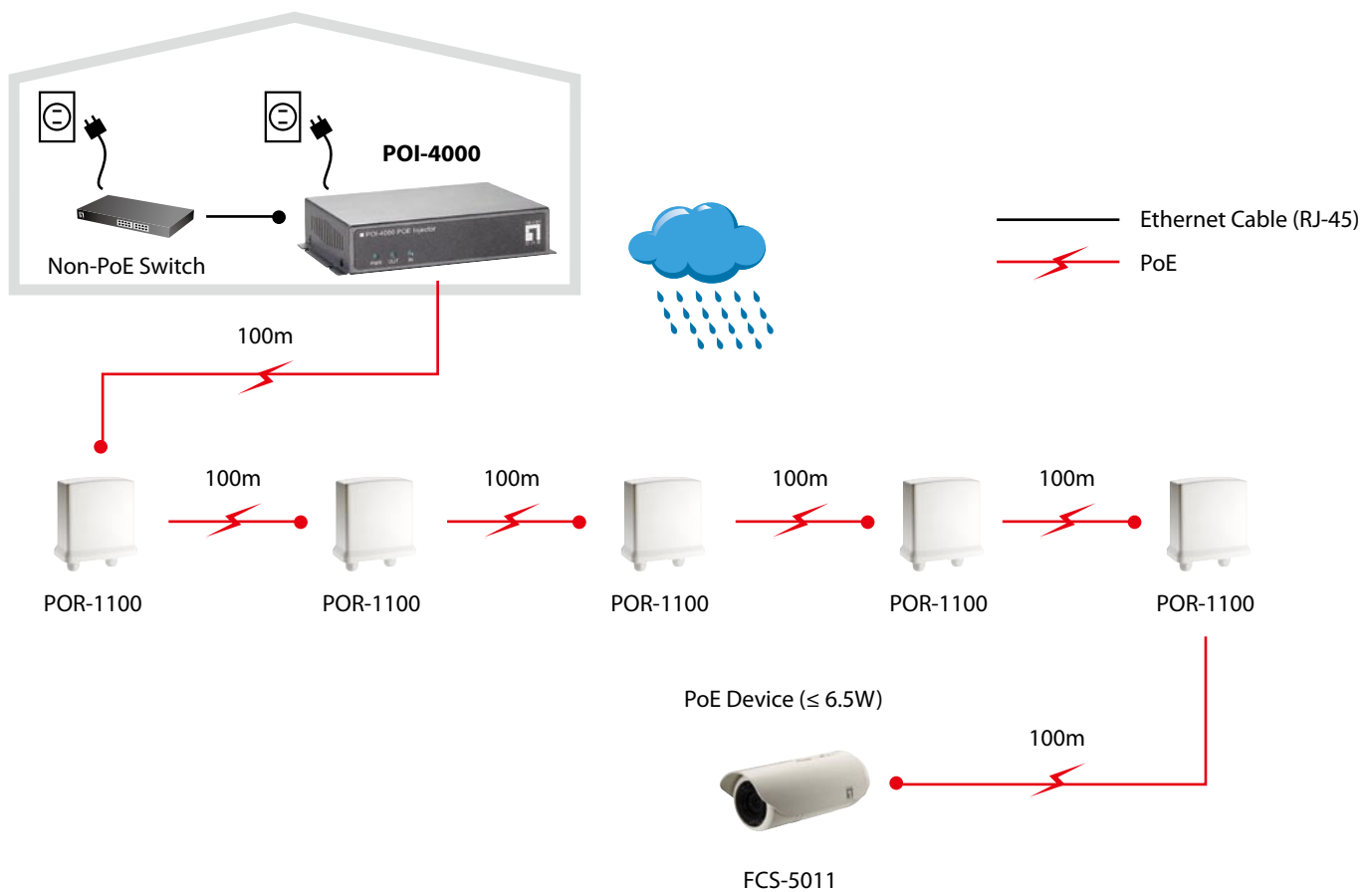
120mm x 90mm x 28mm

#### Operating Environment:

Humidity : 5% to 90% non-condensing

Temperature: 0~50°C

### Product Diagram



Note: These distances are typical results when used with 18~19Ω 24 AWG Cat.5 Cable

### Order Information

**POI-4000:** PoE Injector

**POI-4000-Z:** PoE Injector without External Power

### Package Contents

POI-4000 x 1, Power Adapter x 1, Quick Installation Guide x 1

### Optional Accessories



**POC-4000**  
8-Bay High Power PoE Chassis for POI-4000(-Z)

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