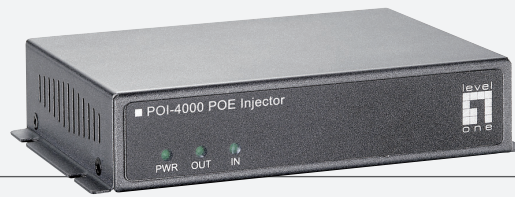




# High Power PoE Injector, 56W



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 Max. 56 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 Repeaters 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

- 56 Watt High-Power PSE Power Injector
- Sends Power over Ethernet to remote devices
- Ethernet 100 Mbps Wire Speed
- Simple to install-plug & play
- Power Protection: OCP, OVP

## Works Well With



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



**POC-4000**  
8-Bay PoE Injector 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

### Pin Assignment and Polarity

4/5 (+), 7/8 (-)

### Regulations & Approvals

FCC Rules Part 15 Class A  
 CE

### Input Power

24V / 2.7A

### Total Power Budget

56V / 1A

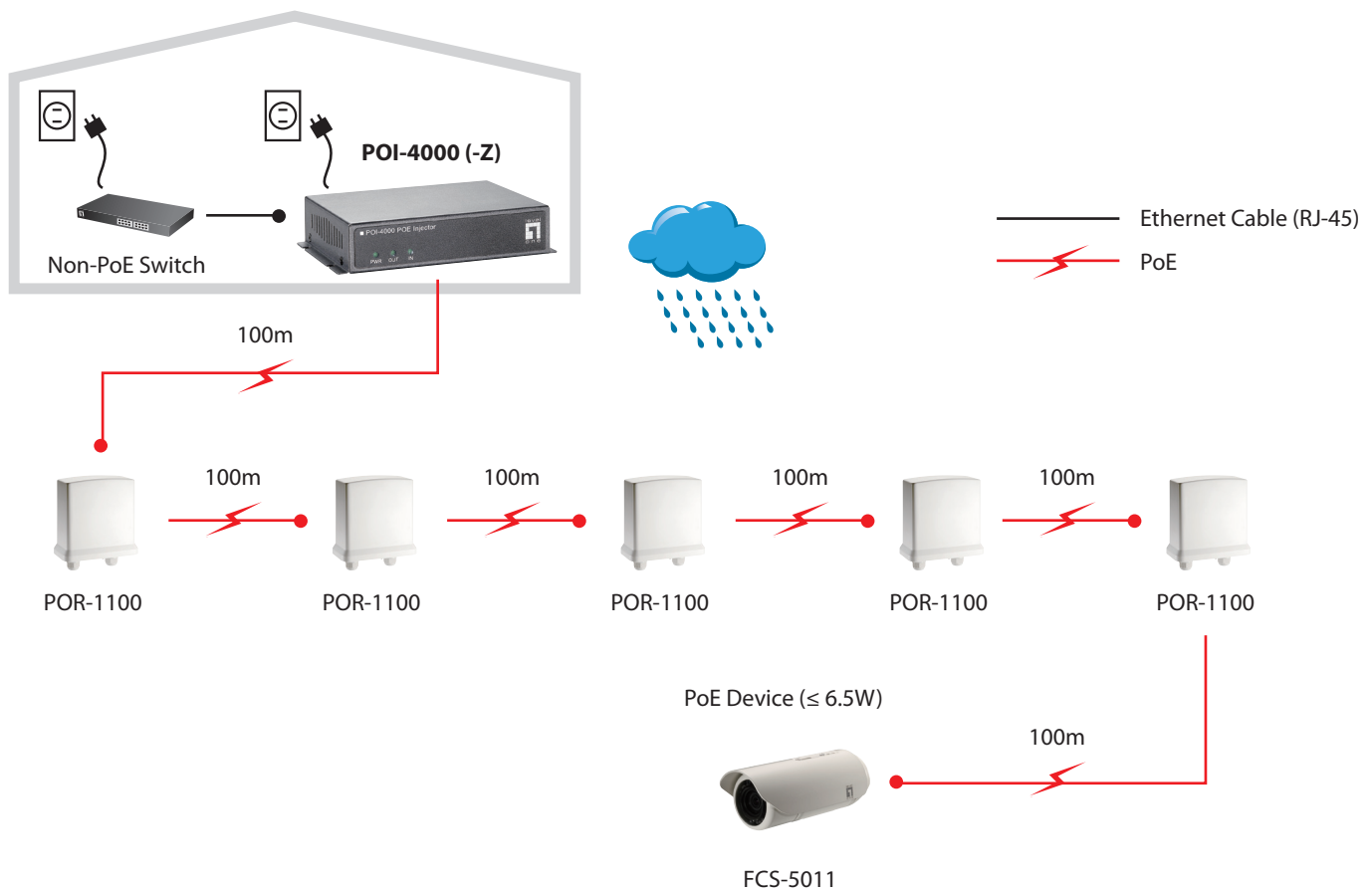
### Physical Dimension: (L x W x H)

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:** High Power PoE Injector, 56W

**POI-4000-Z:** High Power PoE Injector, 56W (no power included)

## Package Contents

**POI-4000:** POI-4000 x 1, Power Adapter x 1, QIG x 1

**POI-4000-Z:** POI-4000 x 1, QIG x 1

## Optional Accessories



**POC-4000**  
 8-Bay PoE Injector Chassis