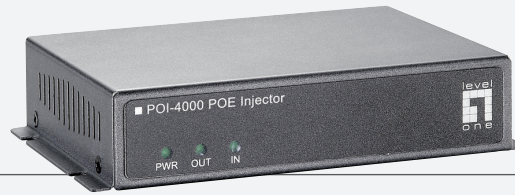




PoE Injector



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 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
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

Input Power

24V / 2.7A

Total Power Budget

56V / 1A

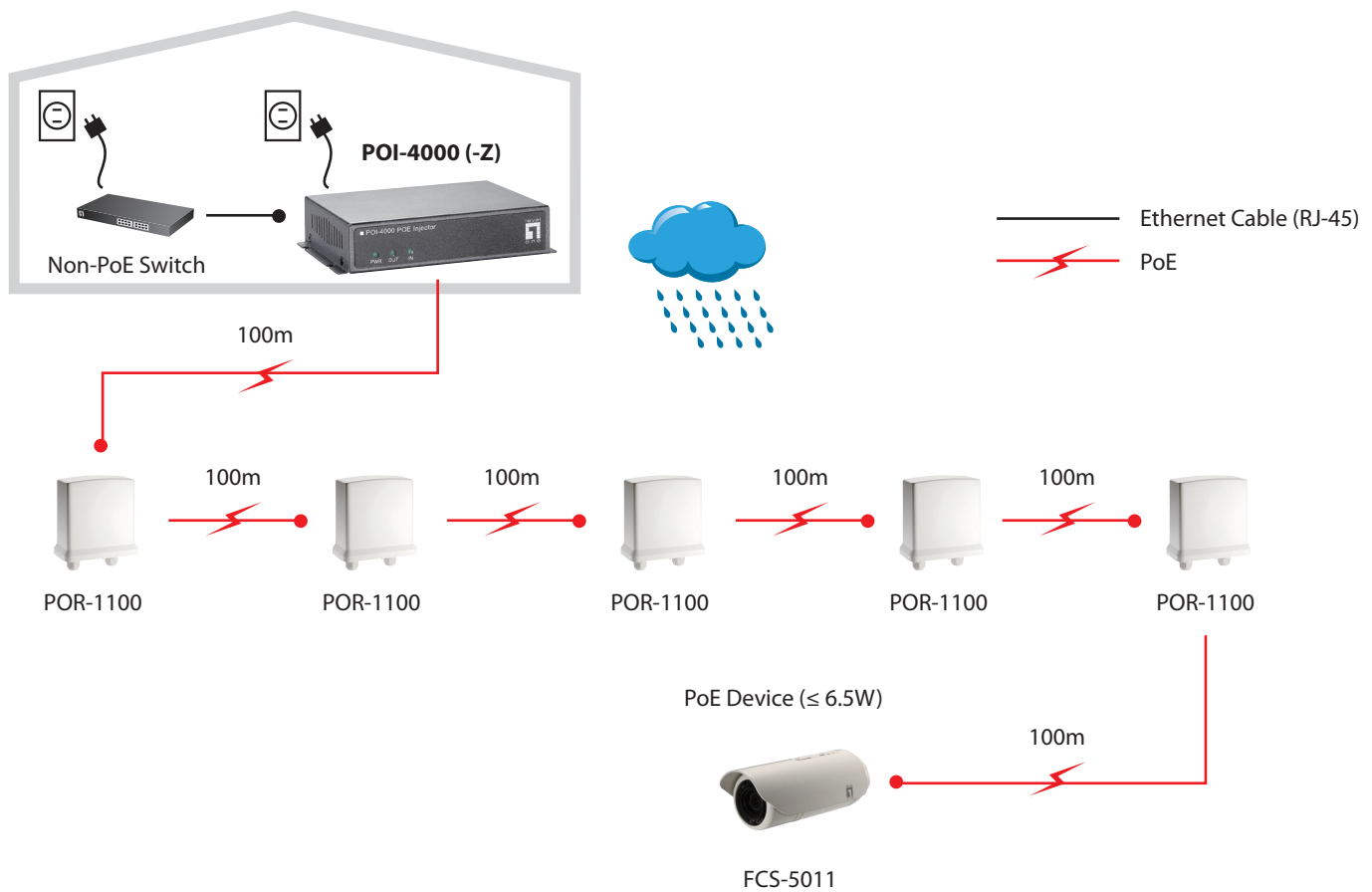
Physical Dimension: (L x W x H)

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: PoE Injector

POI-4000-Z: PoE Injector (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 High Power PoE Chassis for POI-4000(-Z)