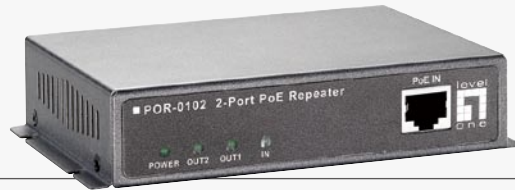




## 2-Port PoE Repeater



POR-0102

H/W Version: 1

### Extend the reach of your PoE devices

For system integrators looking for a professional solution to help extend their PoE network, POR-0102 is the perfect accessory to increase your Power over Ethernet network performance. As a 2-port repeater, it's now easier to add more devices to the network for greater deployment flexibility.

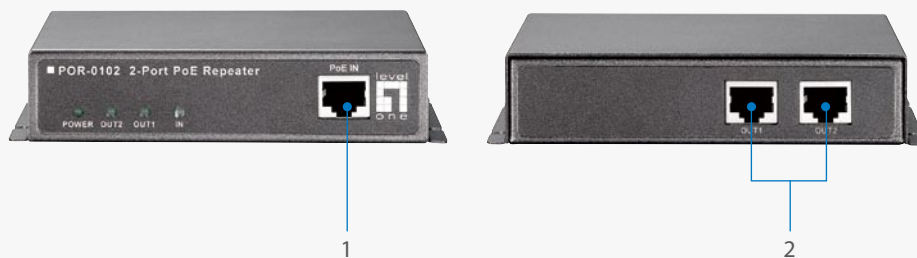
### Simple yet durable, no software required

As a PoE Repeater, POR-0102 receives all power from the Power Sending Equipment (PSE), for example, a PoE switch. This means that POR-0102 uses no

external power supply, making it an ideal component for system integrators looking to increase the distance of the attached devices. With a durable metal housing and small footprint, POR-0102 fits into any tight deployment.

### Applications

POR-0102 works great for large IP surveillance networks with many cameras deployed throughout a building or campus. It is also an ideal solution for outdoor wireless access points that are located far from the network control center.



1. RJ-45 In
2. RJ-45 Out

### Key Features

- Extends Cat.5 cable installations to beyond 100 meters
- 2-Port Ethernet Power Sourcing Equipment (PSE)
- Forwards power over Ethernet (Po) to remote device
- Fully transparent-no restrictions to network traffic
- No power required
- Simple to install-works instantly
- Compatible with IEEE 802.3af PoE standard

### Works Well With



**POI-4000**  
High-power PoE Injector



**POR-1100**  
Outdoor PoE Repeater

## Technical Specification

### Standards Compliance

IEEE 802.3/IEEE 802.3u  
IEEE 802.3ab Gigabit 1000T IEEE 802.3z Gigabit Fiber  
IEEE 802.3x Flow Control and Back Pressure  
IEEE 802.3af Power Over Ethernet

### Network Interface

1000T: 12 x RJ-45  
Fiber: 2 x SFP  
1 x RS-232 DB-9 connector

### Ethernet Interface:

IEEE 802.3x, Auto-Detection for 10/100BASE-T and full/half duplex  
Automatic MDIX function  
PoE Input Port: RJ-45 Connector x 1  
PoE Output Port: RJ-45 Connector x 1  
Port-based VLAN function for LAN ports

### Power:

IEEE 802.3af Compliant with voltage within 44~57 Volt  
Maximum Power Dissipation: 2.5 Watts

### LED Indicators:

POWER: Power is on  
PoE OUT1: Data Activity of PoE out1 Port  
PoE IN: Data Activity of PoE in Port  
PoE OUT2: Data Activity of PoE Out2 Port

### Regulations & Approvals:

FCC Rules Part 15  
CE

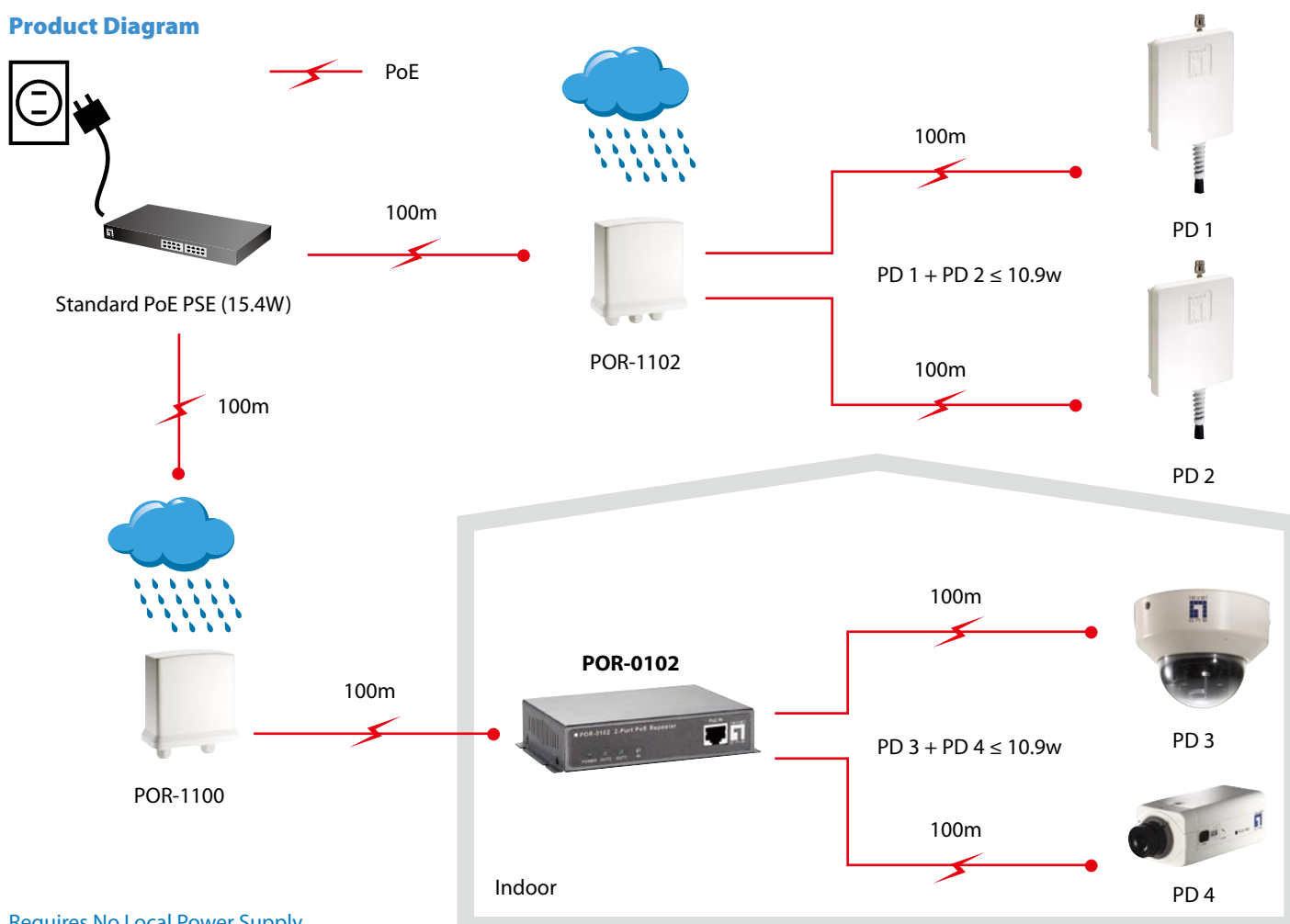
### Physical Dimension: (L x W x H)

120mm x 90mm x 28mm

### Operating Environment:

Humidity: 5% to 95% non-condensing  
Temperature: 0~50 °C

## Product Diagram



## Requires No Local Power Supply

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

## Order Information

**POR-0102:** 2-Port PoE Repeater

## Package Contents

POR-0102 x 1, QIG x 1