![level one logo]

PoE Repeater

POR-0100

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-0100 is the perfect accessory to increase your Power over Ethernet network performance. Normal cable runs only reach 100 meters, but with POR-0100 installers can extend the PoE network performance up to 200 meters!

Simple yet durable, no software required

As a PoE Repeater, POR-0100 receives all power from the Power Sending Equipment (PSE), for example, a PoE switch. This means that POR-0100 uses no external power supply, making it the most flexible option for system integrators looking for an easy, affordable solution to increase the distance to the attached devices. POR-0100 has 2 RJ-45 ports for easy deployment, the "IN" port that accepts the power and data for the first 100 meters, and the "OUT" port that boosts and extends the power and data an additional 100 meters. With a durable metal housing, POR-0100 fits into any tight deployments.

Applications

POR-0100 works great for large IP surveillance networks with many cameras deployed throughout a building or campus. It is also an ideal solution for outdoor access points that are located far from the network control center.

POI-0100 can also work together with LevelOne's high-power PoE injector, POI-4000. This can extend Ethernet connectivity an additional 100 meters for high power PD devices, such as 18 W IP Cameras or other devices that require power greater than 15.4 W.

1. LED Indicators
2. RJ45 IN
3. RJ45 OUT

1   2   3

Key Features

- Extends Cat.5 cable installations to beyond 100 meters
- Forwards power over Ethernet (PoE) to remote device
- No Power required
- Fully transparent-no restrictions to network traffic
- Simple to install-works instantly
- Supports all network devices Compatible with universal IEEE 802.3af PoE Standard

Works Well With

POI-2000
PoE Injector

FCS-3021
PoE Dome Network Camera w/ Audio

Technical Specification

LAN Interface:
IEEE 802.3x, Auto-Detection for 10/100 BaseT 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:
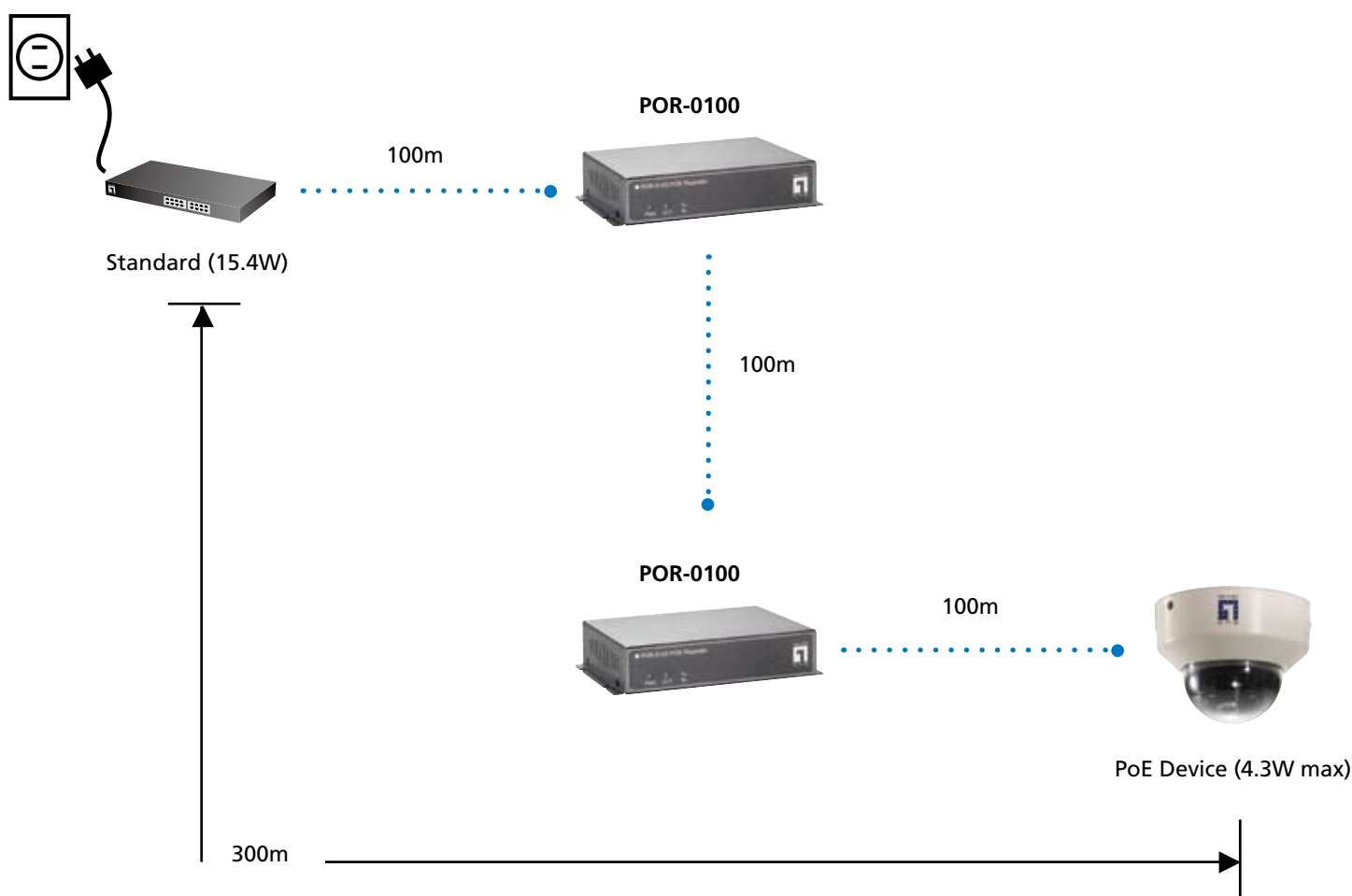FCC Rules Part 15
CE

Physical Dimension:
W x D x H: 120 x 90 x 28 (mm)

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

Product Diagram

Note: These distances are typical results when used with18~19Ω 24AWG Cat5 Cable.

Order Information   POR-0100: PoE Repeater

Package Contents   POR-0100 x 1
QIG x 1