



POR-1222 Version: 1

Gigabit PoE Repeater, 2 Ports, Outdoor, Cascade

Extend the reach of your Gigabit PoE-Plus devices

For system integrators looking for a professional solution to help extend their Outdoor Gigabit PoE (802.3af/at) network, POR-1222 is the perfect accessory to increase your network performance. As a 2-port repeater, it's now easier to add more devices to the network for greater deployment flexibility.

Normal cable runs only reach 100 meters, but with POR-1222 installers can extend the PoE network performance up to 200 meters. Furthermore, you can triple your range or even more by daisy-chaining* multiple PoE repeaters.

* Maximum distance depends on the required Wattage of the PD.

Simple yet durable, no software required

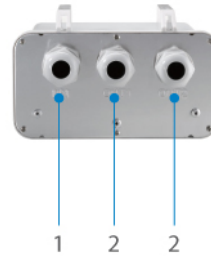
As a Gigabit PoE-Plus Repeater, POR-1222 receives all power from the Power Sending Equipment (PSE), such as a Gigabit PoE-Plus switch. This means that POR-1222 uses no external power supply, making it the most flexible option for system integrators looking for an easy, affordable solution to increase the distance to the attached devices on a network. POR-1222 has 3 RJ-45 ports for easy deployment, 1 "IN" port that accepts the power and data for the first 100 meters, and 2 "OUT" ports that boosts and extends the power and data an additional 100 meters. With a durable metal housing, POR-1222 fits into any tight deployments.

Applications

POR-1222 is a long-ranged solution for deploying PoE IP Digital Signage and any Gigabit PoE PD powered by 802.3at Gigabit PSE.

IP65-compliant

The POR-1222 is compliant to IP65, and is therefore weatherproof from snow, rain, storms, desert heat, etc. For deployment in any harsh weather conditions, this PoE Repeater is up to the challenge.



1. PoE In
2. PoE Out

Key Features

- High Power Midspan PoE compliant to simplify deployment and installation
- Built-in 2 PoE output ports for PoE devices
- 10/100/1000Mbps wire speed transmission and reception
- Weatherproof IP65-rated housing
- Forwards Power over Ethernet to remote device
- Extends Gigabit PoE connection for another 100 meters
- Multiple PoE repeaters can be deployed by daisy chain to extend range
- Simple Plug and Play installation, no additional power supply required

Specifications

System Specifications

Standards & Protocols:

IEEE 802.3 10Base-T, Ethernet
IEEE 802.3u 100Base-TX, Fast Ethernet
IEEE802.3ab 1000Base-T, Gigabit Ethernet
IEEE 802.3x Ethernet Flow Control
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.3at Power over Ethernet Plus (PoE+)

Connectors and Cabling:

1 x 10/100/1000Base-T RJ-45 PoE Input Port
2 x 10/100/1000Base-T RJ-45 PoE Output Port

Power Input:

PoE Power Input: 44-57 Volt
Power Consumption: 2.5W (Max.)

Features

PoE:

IEEE 802.3af/at compliant

Environment

Temperature (°C):

Operating: 0°C ~ 50°C
Storage: 0°C ~ 70°C

Humidity (Non-condensing):

Storage: 5% to 95%
Operating: 5 ~ 95%

Deployment:
Wall/Pole mount

Physical Specifications

Dimensions (W x D x H mm):

195 x 160 x 95mm

Weight (g):

700 g

Approval and Compliance

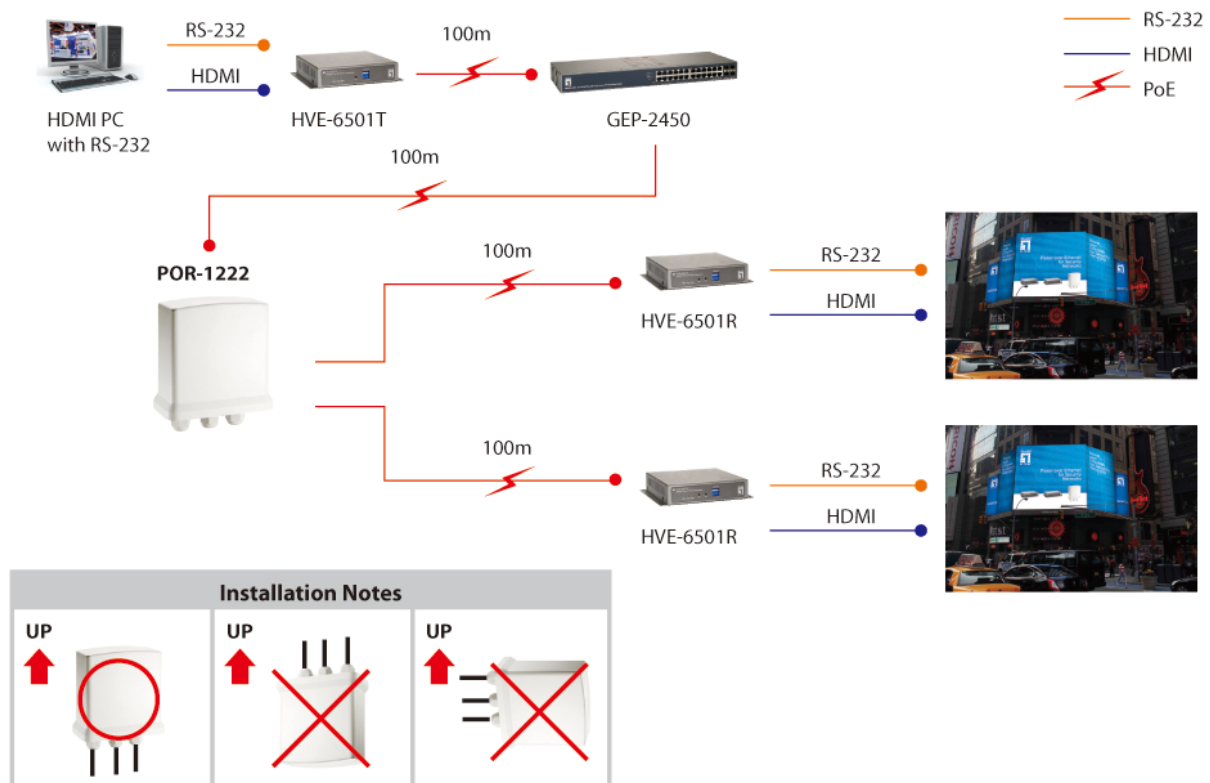
EMI/EMS:

FCC Part 15, CE, RoHS

Environmental Test:

Weatherproof IP65-rated housing

Diagram



Order Information

POR-1222

Package Contents

POR-1222

Mounting Kit

Quick Installation Guide

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