



POR-1220 □□□□ □□: 1

## Outdoor Gigabit PoE-Plus Repeater

### 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-1220 is the perfect accessory to increase your network performance.

Normal cable runs only reach 100 meters, but with POR-1220 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-1220 receives all power from the Power Sending Equipment (PSE), such as a Gigabit PoE-Plus switch. This means that POR-1220 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-1220 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 for 1 PoE (power + data) and 1 non-PoE (data only) installation, that boosts and extends the device an additional 100 meters. With a durable metal housing, POR-1220 fits into any tight deployments.

### Applications

POR-1220 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-1220 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.





## Key Features

- 100 PoE & 100 PoE ports 200 PoE ports
- 10/100/1000Mbps ports
- Weatherproof IP65-rated housing
- IEEE 802.3af / at PoE compliant
- (802.3af/at PoE) ports
- 100 PoE ports
- Multiple PoE repeaters can be deployed by daisy chain to extend range
- PoE repeaters can be deployed by daisy chain to extend range

## System Specifications

### Connectors and Cabling:

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

### Power:

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

### 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+)

## Physical Specifications

### Dimensions (W x D x H mm):

195 x 160 x 95mm

### Weight (g):

700 g

### Enclosure:

Weatherproof IP65-rated housing

## Features

### PoE:

IEEE 802.3af/at compliant

## Environment

### Temperature (°C):

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

### Humidity (Non-condensing):

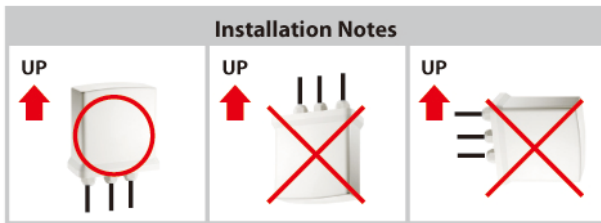
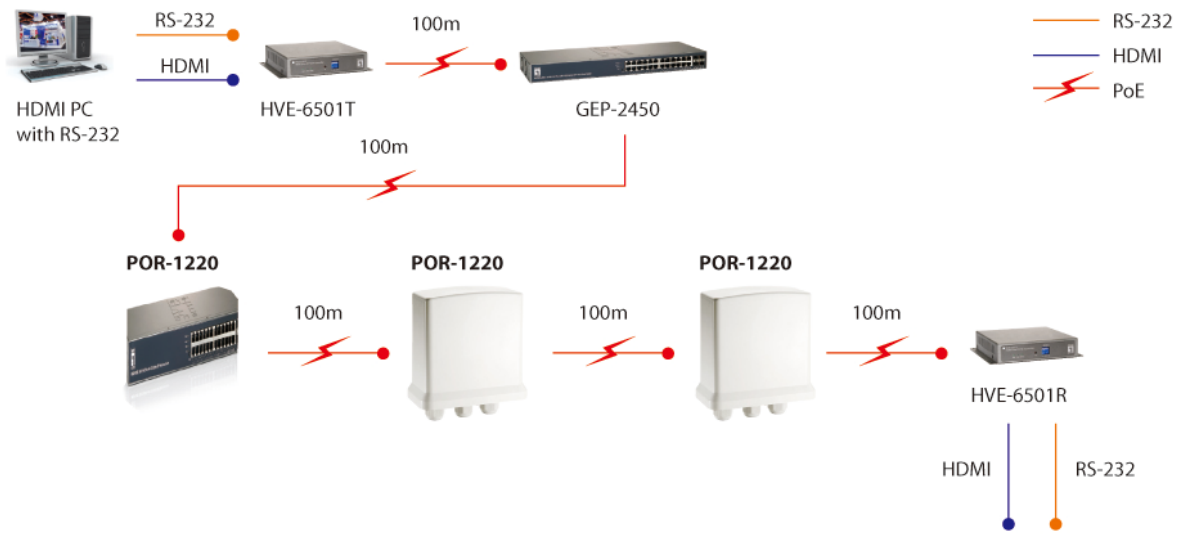
- Storage: 5% to 95%
- Operating: 5 ~ 95%

## Others

### Approval and Compliance:

FCC Part 15, CE

Deployment:  
Wall/Pole mount



## Order Information

POR-1220

## Package Contents

Mounting Kit  
Quick Installation Guide