Gigabit PoE Repeater, Outdoor, Cascade, 802.3at PoE+

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 inc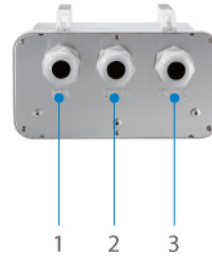rease the distance to the attached devices. POR-1220 has 3 RJ-45 ports for easy deployment, 1 "IN" port that accepts the power and data for the first 100 meters, and 2 "OUT" ports for 1 PoE (power + data) and 1 non-PoE (data only) installation, that boosts and extends the device an additional 100 meters. 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.

1. PoE In
2. PoE Out
3. Data Out

Key Features

- High Power Midspan PoE compliant to simplify deployment and installation
- Ingebouwde 2 uitvoerpoorten voor 1 PoE en 1 niet- PoE-apparaat
- Gigabit 10/100/1000Mbps datadoorvoer via de bekabeling
- Water bestendige IP65behuizing
- Stuurt Stroom over Ethernet (802.3af/at PoE) door naar extern apparaat
- Breidt Gigabit PoE-verbinding met 100 meter uit
- Meerdere PoE-versterkers kunnen in serie worden geschakeld om het bereik te vergroten
- Eenvoudige Plug en Play-installatie, geen extra stroomvoorziening vereist

Specificaties

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
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.)

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%

Physical Specifications

Dimensions (W x D x H mm):

195 x 160 x 95mm

Weight (g):

700 g

Enclosure:

Weatherproof IP65-rated housing
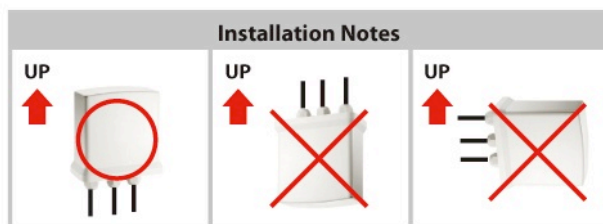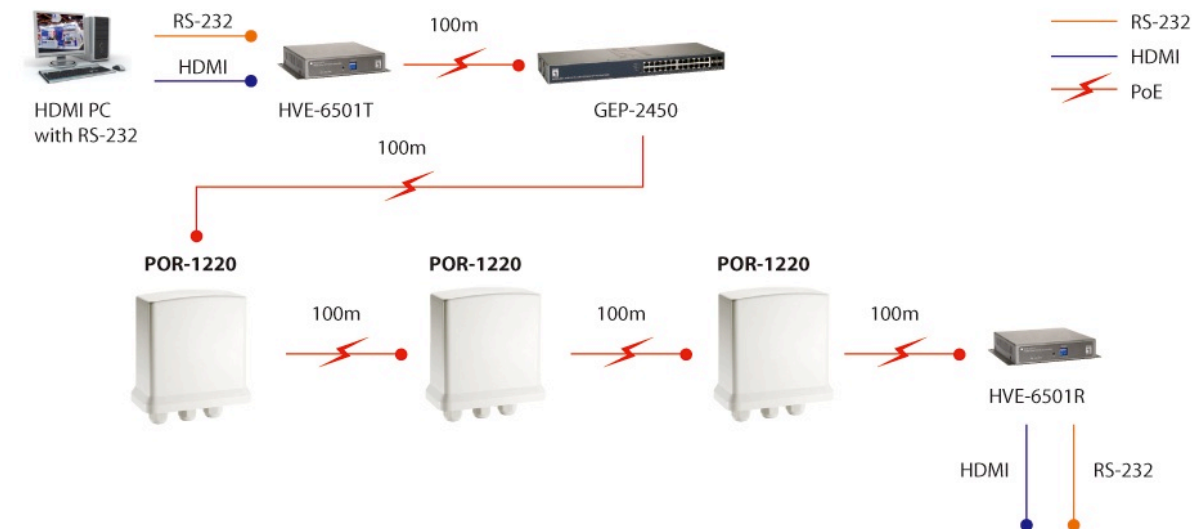
Others

Approval and Compliance:

FCC Part 15, CE, RoHS

Deployment:

Wall/Pole mount

Schema

Order Information

POR-1220

Package Contents

POR-1220
Mounting Kit
Quick Installation Guide