



POR-1200 Version: 1

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## PoE-Repeater, Outdoor, Kaskadier

### Extend the reach of your PoE-Plus devices

For system integrators looking for a professional solution to help extend their Outdoor PoE (802.3af/at) network, POR-1200 is the perfect accessory to increase your network performance.

Normal cable runs only reach 100 meters, but with POR-1200 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 PoE-Plus Repeater, POR-1200 receives all power from the Power Sending Equipment (PSE), such as a PoE-Plus switch. This means that POR-1200 uses no external power supply, making it the most flexible option for systems integrators looking for an easy, affordable solution to increase the distance to attached devices on a network. POR-1200 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-1200 fits into any tight deployment.

### Applications

POR-1200 is a long-ranged solution for deploying PoE IP Camera and any Fast Ethernet PoE PD powered by 802.3at PSE.

### IP65-compliant

The POR-1200 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

- High Power Midspan PoE compliant to simplify deployment and installation
- 2 integrierte Ausgänge für 1 PoE und 1 Non-PoE-Geräte
- Wettergeschütztes IP-65 Gehäuse
- Stromversorgung über Ethernet (802.3af/at PoE) an Remote-Gerät
- Erweiterte PoE-Verbindung für weitere 100 Meter
- Mehrere PoE-Verstärker können durch Daisy-Chain zur Reichweitenverlängerung eingesetzt werden
- Einfache Plug-and-Play-Installation, keine zusätzliche Stromversorgung erforderlich

## Specifications

### System Specifications

#### Standards & Protocols:

IEEE 802.3 10Base-T, Ethernet  
IEEE 802.3u 100Base-TX, Fast 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 10/100Base-TX RJ-45 PoE Input Port  
1 x 10/100Base-TX RJ-45 PoE Output Port  
1 x 10/100Base-TX RJ-45 LAN Output Port

#### Power Input:

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

### Features

#### PoE:

IEEE 802.3af/at compliant

### Environment

#### Temperatur (°C):

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

#### Luftfeuchtigkeit (nicht kondensierend):

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

#### Deployment:

Wall/Pole mount

## Physical Specifications

Abmessungen (W x D x H mm):  
195 x 160 x 95mm

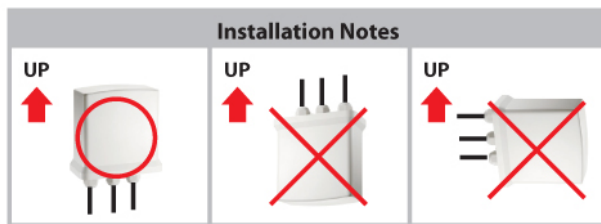
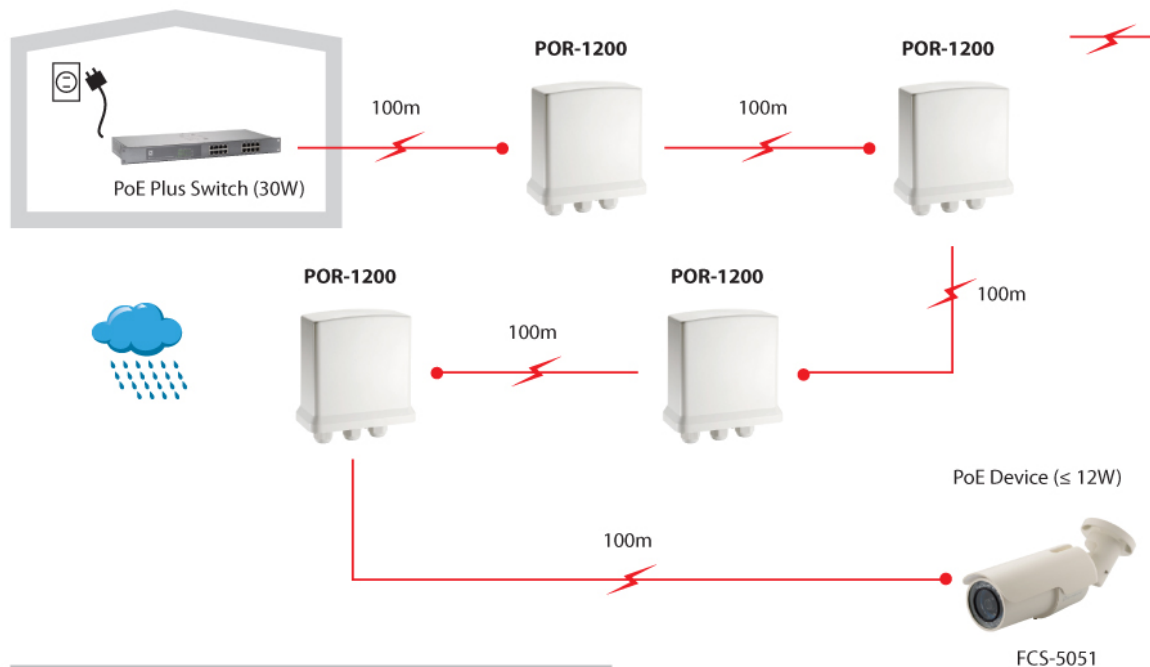
Gewicht:  
700 g

## Approval and Compliance

Zertifizierung:  
FCC Part 15, CE, RoHS

Gehäuse:  
Weatherproof IP65-rated housing

## Diagramm



## Order Information

POR-1200

## Package Contents

POR-1200  
Montageset  
Quick Installation Guide

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