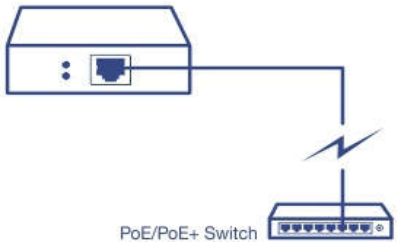



# Gigabit PoE+ Extender

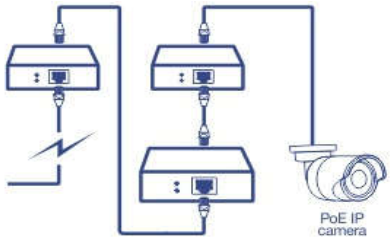
## TPE-E100 (v2.1R)

- Easy installation
- Extends 100m for a total distance of up to 200m (656 ft.)
- Daisy chain up to 3 units for a total PoE network extension of up to 400m (1,312 ft.)*
- Supports PoE (15.4W) and PoE+ (30W)
- Wall mountable
- LED Indicators
- Durable metal housing

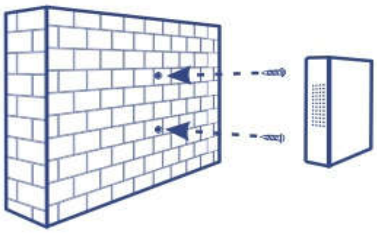
TRENDnet's Gigabit PoE+ extender, model TPE-E100, takes a single PoE+ connection and extends it an additional 100m (328 ft.) for remote PoE/PoE+ device installation. The PoE Extender auto-detects a PoE (15.4W) or PoE+ (30W) connection and extends it for a total distance of up to 200m (656 ft.) from the PoE+ power source equipment. The TPE-E100 features a convenient wall mountable design for installation flexibility. Daisy-chain up to 3 units for a total PoE+ network extension of 400m (1312 ft.).




### PoE Powered
Extends a single PoE/PoE+ network connection up to 100m (328 ft.) for a remote PoE or PoE+ device installation.

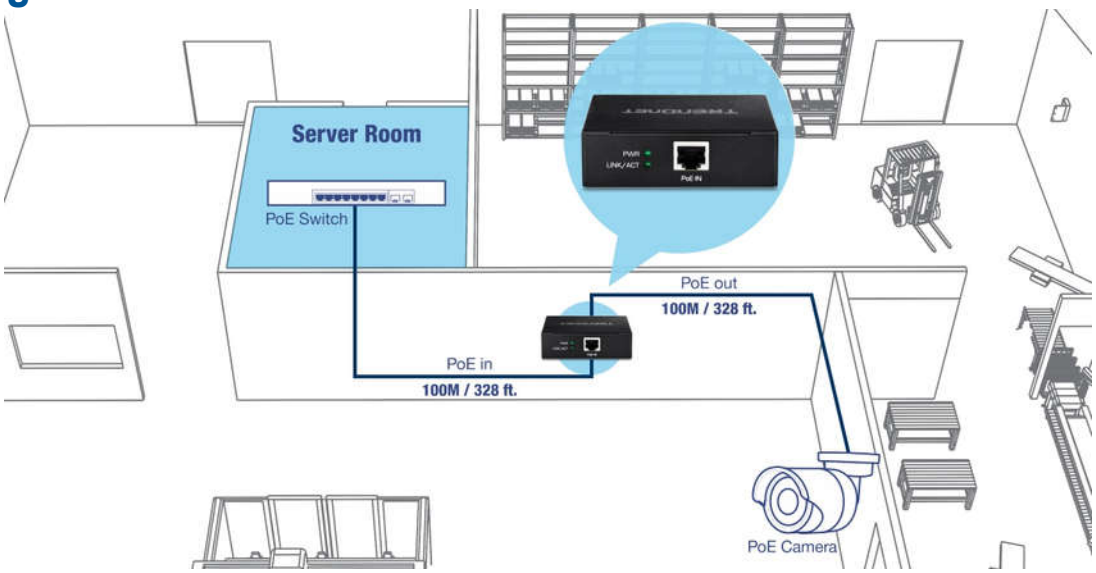



### Daisy-Chainable
Daisy chain up to 3 PoE Extenders for a total PoE+ network extension of 400m (1,312 ft.).



### Wall Mountable
Extends a PoE/PoE+ network connection an additional 100m for a total distance of up to 200m (656 ft.) from the PoE power source equipment.

## Networking Solution




### Easy Setup
Simple installation in minutes

### Gigabit Ports
The PoE Extender features one gigabit PoE+ input port and one gigabit PoE+ output port

### Daisy-Chain
Connect up to 3 units for a PoE+ network extension of up to 400m (1,213 ft.).

### PoE/PoE+
Auto-sensing technology conveniently delivers the correct wattage needed to power your PoE (15.4W) or PoE+ (30W) device

### PoE Powered
No external power required—saves installation time and cost

# Specifications

| | |
|---|---|
| **Standards** | • IEEE 802.3<br>• IEEE 802.3u<br>• IEEE 802.3x<br>• IEEE 802.3ab<br>• IEEE 802.3az<br>• IEEE 802.3af<br>• IEEE 802.3at |
| **Device Interface** | • 1 x Gigabit PoE+ in port<br>• 1 x Gigabit PoE out port<br>• LED indicators |
| **Data Transfer Rate** | • Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)<br>• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)<br>• Gigabit: 2000Mbps (full duplex) |
| **Performance** | • SRAM buffer: 128KB<br>• MAC Address Table: 2K<br>• Jumbo Frame: 9KB |
| **Special Features** | • Extends a PoE/PoE+ network connection an additional 100 meters for a total distance of up to 400m (1312 ft.)<br>• Cascade up to 3 repeaters |

| | |
|---|---|
| **Power** | • Powered by PoE+ Device<br>• Max. consumption: 0.9W |
| **PoE Delivery** | • Pair 1: pin 1, 2<br>• Pair 2: pin 3, 6 |
| **Operating Temperature** | • 0 – 40° C (32 - 104° F) |
| **Operating Humidity** | • Max. 90% non-condensing |
| **Dimensions** | • 86 x 79 x 25mm (3.4 x 3.1 x 1 in.) |
| **Weight** | • 198g (7 oz.) |
| **Certifications** | • CE<br>• FCC |
| **Warranty** | • 3 year |

## PACKAGE CONTENTS

- TPE-E100
- Quick Installation Guide

*Each additional extender added to the daisy chain will decrease the overall available PoE budget.

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