



## Gigabit PoE+ Repeater

### TPE-E100 (v1.0R)

- Extends 100 meters for a total distance of up to 200 meters (656 ft.)
- Daisy chain two TPE-E100s for a total PoE+ network extension of 300 m (980 ft.)
- Plug and play installation
- No external power required
- Wall mountable
- LED indicators
- Rugged metal housing

TRENDnet's Gigabit PoE+ Repeater, model TPE-E100, extends a Gigabit PoE/PoE+ network connection to a remote location. It auto-detects a PoE (15.4 Watts) or PoE+ (30 Watts) signal and extends it an additional 100 meters (328 ft.) for a total distance of up to 200 meters (656 ft.) from the PoE device. Daisy chain two TPE-E100s for a total PoE network extension of 300 m (980 ft.)\*. Handy mounting points and no external power adapter facilitate remote installations.



### Extension Distance

Extends a PoE/PoE+ network connection an additional 100 (328 ft.) meters for a total distance of up to 200 meters (656 ft.) from the PoE device



### PoE/PoE+

Auto detects a 15.4 Watt PoE (IEEE 802.3af class 1-4) or 30 Watt PoE+ (IEEE 802.3at) network connection



### Gigabit Ports

Gigabit ports extend a high performance wired connection



### Daisy Chain

Daisy chain two TPE-E100s for a total PoE network extension of 300 m (980 ft.)



### Plug and Play

Plug and play PoE/PoE+ network cables



### PoE Powered

No external power required—saves installation time and cost



### Mounting

Wall mounting points for remote installations



### LED indicators

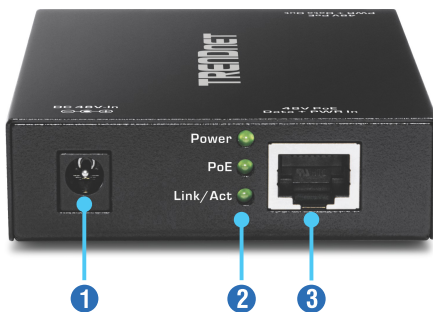
LED indicators confirm PoE and network connectivity



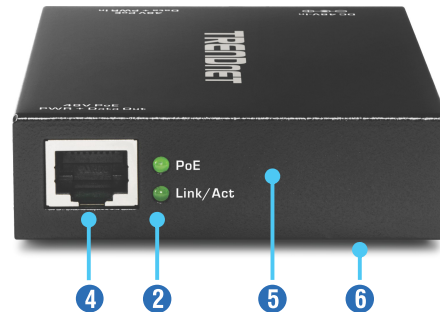
### Housing

Rugged metal enclosure

## Networking Solution



- 1 Power port  
(optional power adapter is not included)
- 2 LED indicators
- 3 Gigabit PoE/PoE+ in port



- 4 Gigabit PoE/PoE+ out port
- 5 Rugged metal enclosure
- 6 Wall mounting points

## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at

### Device Interface

- 1 x Gigabit PoE/PoE+ in port
- 1 x Gigabit PoE/PoE+ out port
- 1 x Power port (optional power adapter is not included)
- LED indicators
- Installation mounting points

### Data Transfer Rate

- Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex)
- Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex)
- Gigabit: 2000 Mbps (full duplex)

### Performance

- SRAM buffer: 96 KB
- MAC Address Table: 2 K
- Maximum packet length up to 1.5 KB

### Special Features

- Extends a PoE/PoE+ network connection an additional 100 meters for a total distance of up to 200 meters (656 ft.)
- Cascade up to 2 repeaters

### Power

- Powered by PoE/PoE+ Device
- Consumption: 2 Watts (max.)

### Optional Power Adapter

- Input: 100-240 V 50/60 Hz 0.75 A
- Output: 48 VDC, 0.75 A
- Consumption: 36 Watts (max. with use of power adapter sold separately)

### Operating Temperature

- 0 – 45 °C (32 - 113 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 75 x 100 x 22 mm (3.0 x 3.9 x 0.9 in.)

### Weight

- 228 g (8 oz.)

### Certifications

- CE
- FCC

### Warranty

- 3 year limited

### Package Contents

- TPE-E100
- Quick Installation Guide

