



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

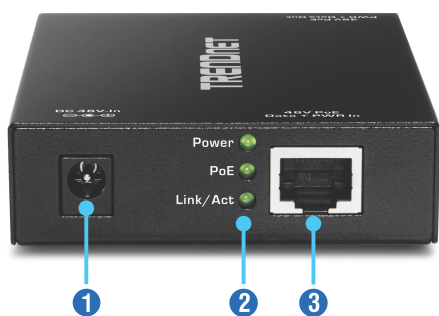
LED indicators confirm PoE and network connectivity



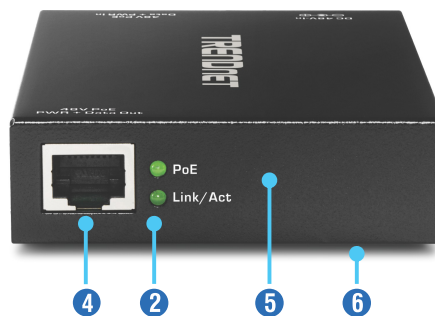
Housing

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

