



Gigabit PoE+ Repeater/Amplifier

TPE-E110 (v1.0R)

- Extends 100 meters for a total distance of up to 200 meters (656 ft.)
- Daisy chain up to 7 units for a total PoE+ network extension of 800 m (2,600 ft.) *
- Plug and play installation
- No external power required
- Wall mountable
- Rugged metal housing

TRENDnet's Gigabit PoE+ Repeater/Amplifier, model TPE-E110, extends and amplifies a Gigabit PoE or 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 for a total distance of up to 200 meters (656 ft.) from the PoE device. Daisy chain up to 7 units for a total PoE+ network extension of 800 m (2,600 ft.)*. A rugged metal enclosure and no need for an external power adapter facilitate remote installations.



Extension Distance

Extends a PoE/PoE+ network connection an additional 100 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

- Up to 7 units for a PoE+ (802.3at) network connection
- Up to 4 units for a PoE (802.3af) network connection



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 indicator

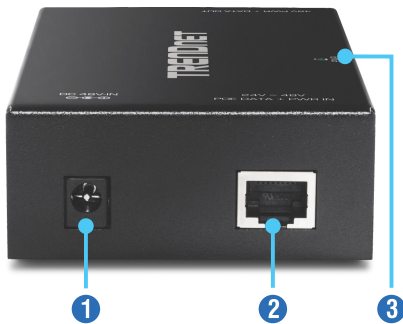
LED indicator confirms power



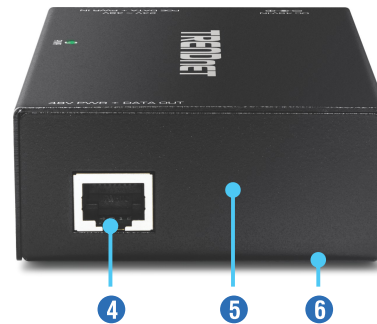
Housing

Rugged metal enclosure

Networking Solution



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



- 4 Gigabit PoE/PoE+ out port
- 5 Rugged metal housing
- 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 7 repeaters/amplifiers*
- Supports IGMP V1, V2 and IGMP snooping

Power

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

Operating Temperature

- 0 – 45 °C (32 - 113 °F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 75 x 125 x 33 mm (3.0 x 4.9 x 1.3 in.)

Weight

- 306 g (10.8 oz.)

Certifications

- CE
- FCC

Warranty

- 3 year limited

Package Contents

- TPE-E110
- Quick Installation Guide

* Daisy chain: (a) up to 7 units for a PoE+ (802.3at) network connection; (b) up to 4 units for a PoE (802.3af) network connection

