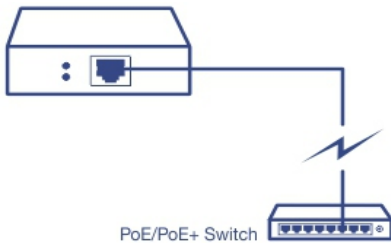# TRENDNET®

Gigabit PoE+ Extender
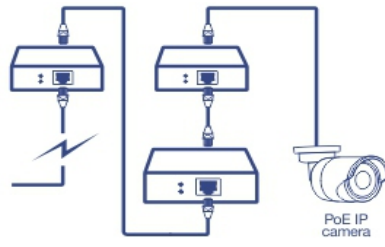
TPE-E100 (v2.0R)

- 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.).
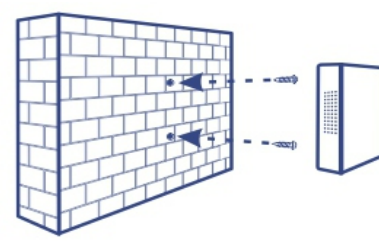
TRENDNET®

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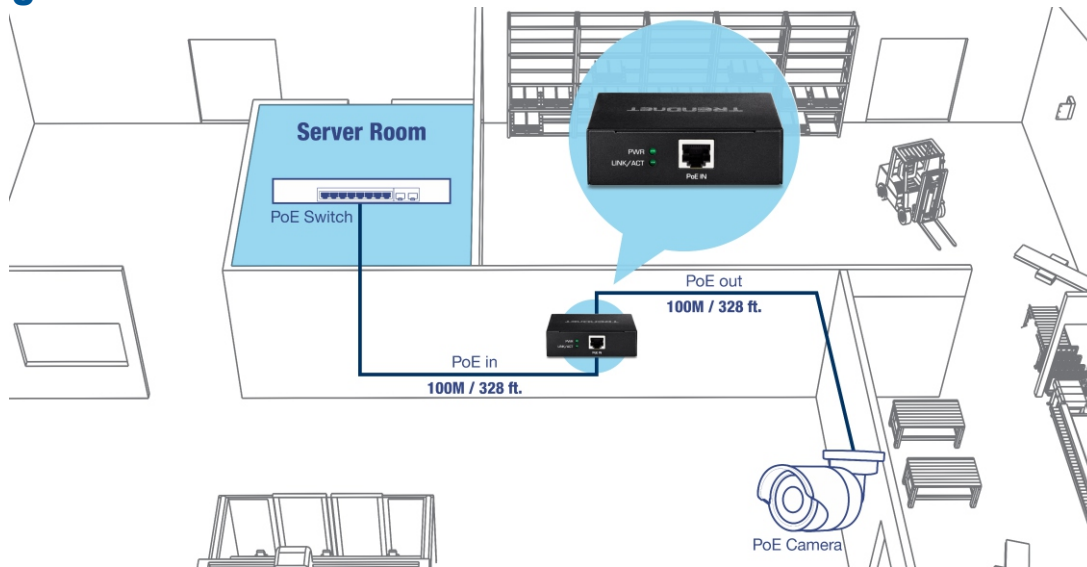
PoE/PoE+ Switch

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

PoE IP camera

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

Server Room

PoE Switch

PoE IN

PoE out
100M / 328 ft.

PoE in
100M / 328 ft.

PoE Camera

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

TRENDnet®

Specifications

Standards	• IEEE 802.3 • IEEE 802.3u • IEEE 802.3x • IEEE 802.3ab • IEEE 802.3az • IEEE 802.3af • IEEE 802.3at
Device Interface	• 1 x Gigabit PoE+ in port • 1 x Gigabit PoE out port • LED indicators
Data Transfer Rate	• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex) • Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex) • Gigabit: 2000Mbps (full duplex)
Performance	• SRAM buffer: 128KB • MAC Address Table: 2K • 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.) • Cascade up to 3 repeaters

Power	• Powered by PoE+ Device • Max. consumption: 0.9W
PoE Delivery	• Pair 1: pin 1, 2 • 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 • FCC
Warranty	• 3 year

PACKAGE CONTENTS

• TPE-E100
• Quick Installation Guide
• Power cord

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