

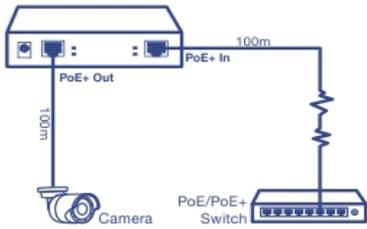


## Gigabit PoE+ Extender/Amplifier

### TPE-E110 (v2.0R)

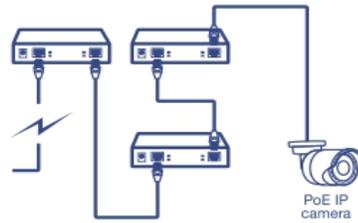
- Easy installation
- Extends 100m for a total distance of up to 200m (656 ft.)
- Daisy chain up to 5 units for a total PoE+ network extension of 600m (1,968 ft.)\*
- PoE/PoE+ powered
- Wall mountable
- Durable metal housing

TRENDnet's Gigabit PoE+ Extender/Amplifier, model TPE-E110, takes a single PoE+ connection and extends it an additional 100m (328 ft.) for remote PoE/PoE+ device installation. The TPE-E110 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 power sourcing equipment. Daisy chain up to 5 units for a total PoE+ network extension of 600m (1,968 ft.) \*. The extended range and convenient wall mounting design allows for greater installation flexibility.



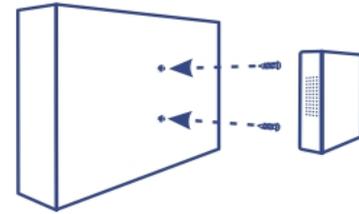
### PoE Powered

Extends a single PoE+ network connection up to 100m (328 ft.) for a remote PoE (15.4W) or PoE+ (30W) device installation.



### Daisy-Chainable

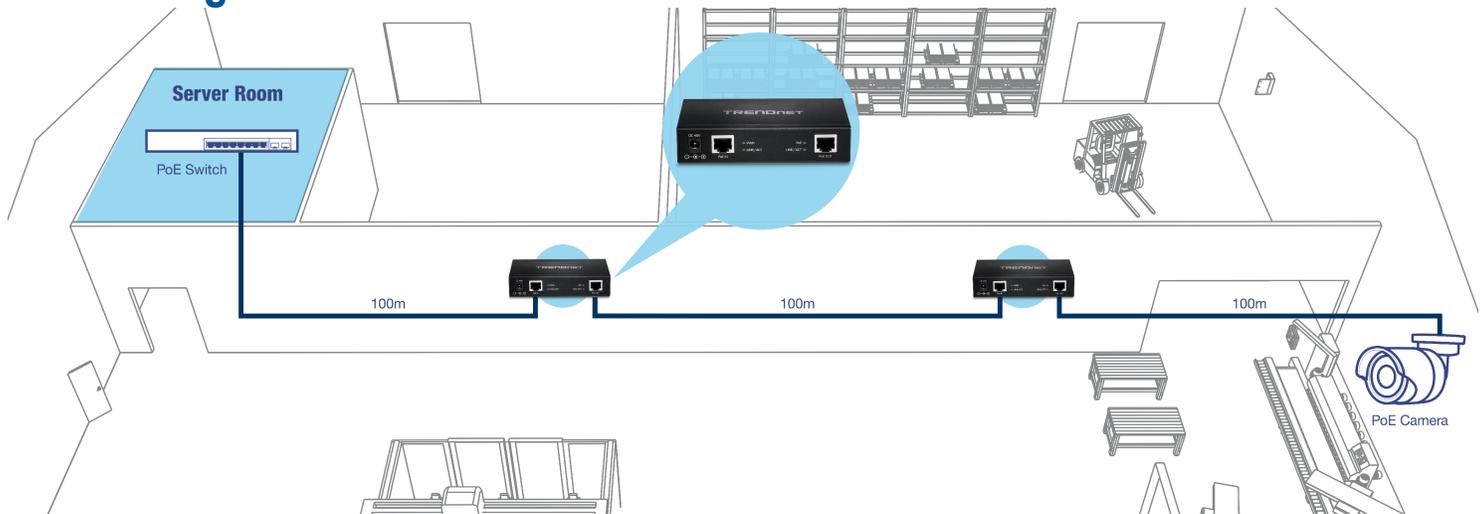
Daisy-chain up to 5 units for a total PoE+ network extension of 600m (1,968 ft.)\*.



### Wall Mountable

Features a convenient wall mountable design for greater installation flexibility.

## Networking Solution



### Extension Distance

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



### PoE/PoE+

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



### Gigabit Ports

Features one gigabit PoE+ input port and one gigabit PoE+ output port



### Daisy-Chain

Connect up to 5 units for a PoE+ network extension of up to 600m (1968 ft.)



### PoE Powered

No AC adapter required – this PoE extender is powered via a PoE switch or injector



### LED Indicators

LED indicators convey Link, Activity, Power, and PoE status

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3</li> <li>• IEEE 802.3u</li> <li>• IEEE 802.3x</li> <li>• IEEE 802.3ab</li> <li>• IEEE 802.3az</li> <li>• IEEE 802.3af</li> <li>• IEEE 802.3at</li> </ul>	
<b>Device Interface</b>	<ul style="list-style-type: none"> <li>• 1 x Gigabit PoE/PoE+ in port</li> <li>• 1 x Gigabit PoE/PoE+ out port</li> <li>• 1 x Power port (optional power adapter model name 54VDC0700 sold separately)</li> <li>• LED indicators</li> </ul>	
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)</li> <li>• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)</li> <li>• Gigabit: 2000Mbps (full duplex)</li> </ul>	
<b>Performance</b>	<ul style="list-style-type: none"> <li>• RAM buffer: 128KB</li> <li>• MAC Address Table: 2K</li> <li>• Jumbo Frame: 9K</li> </ul>	
<b>Special Features</b>	<ul style="list-style-type: none"> <li>• Extends a PoE/PoE+ network connection an additional 100 meters for a total distance of up to 200m (656 ft.)</li> <li>• Daisy-chain up to 5 units* without optional power adapter</li> <li>• Wall mountable</li> </ul>	
<b>Daisy Chain</b>	Number of Daisy Chains from PSE	Max. PoE output (approx.) Without optional power adapter
	• 1 (up to 100m)	• 30W input: 24.5W • 15.4W input: 12W
	• 2 (up to 200m)	• 30W input: 19.6W • 15.4W input: 8.5W
	• 3 (up to 300m)	• 30W input: 15.5W • 15.4W input: 6.5W
	• 4 (up to 400m)	• 30W input: 11.9W • 15.4W input: 4W
	• 5 (up to 500m)	• 30W input: 9.9W • 15.4W input: N/A
	Number of Daisy Chains from PSE	Max. PoE output (approx.) With Optional power adapter
	• 1 (up to 100m)	• 30W input: 24.5W • 15.4W input: 12W
	• 2 (up to 200m)	• 30W input: 19.6W • 15.4W input: 8.5W
	• 3 (up to 300m)	• 30W input: 15.5W • 15.4W input: 6.5W
	• 4 (up to 400m) Add power adapter	• 30W input: 24.5W • 15.4W input: 12W
	• 5 (up to 500m)	• 30W input: 19.6W • 15.4W input: 8.5W
	• 6 (up to 600m)	• 30W input: 15.5W • 15.4W input: 6.5W
	• 7 (up to 700m) Add power adapter	• 30W input: 24.5W • 15.4W input: 12W
• 8 (up to 800m)	• 30W input: 19.6W • 15.4W input: 8.5W	
• 9 (up to 900m)	• 30W input: 15.5W • 15.4W input: 6.5W	

\* Optional power supply required to daisy chain more than the suggested number of units.

<b>PoE</b>	<ul style="list-style-type: none"> <li>• PoE Mode A: Pins 1,2 for power and pins 3,6 for power</li> <li>• PD auto classification</li> <li>• Over current/short circuit protection</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• Powered via PoE/PoE+ switch or injector</li> <li>• Max. consumption: 1.6W</li> </ul>
<b>Optional Power Adapter</b>	<ul style="list-style-type: none"> <li>• Input: 100 – 240V AC 50/60Hz, 1.2A</li> <li>• Output: 54V DC, 0.7A</li> <li>• Max. consumption: 32W (with use of power adapter sold separately)</li> </ul>
<b>Operating Temperature</b>	• 0° – 40° C (32° – 104° F)
<b>Operating Humidity</b>	• Max. 90% non-condensing
<b>Dimensions</b>	• 121 x 75 x 26mm (4.77 x 2.95 x 1 in.)
<b>Weight</b>	• 242g (8.5 oz.)
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> </ul>
<b>Warranty</b>	• 3 year

### PACKAGE CONTENTS

- TPE-E110
- Quick Installation Guide