

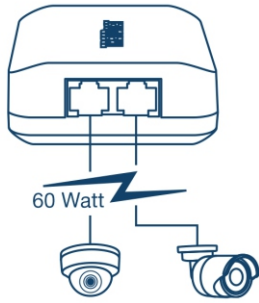


## 2-Port Gigabit PoE++ Extender

TPE-BE200 (v1.0R)

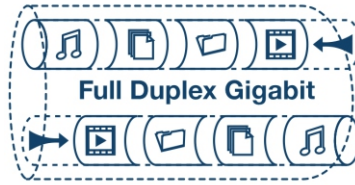
- Easy installation
- Extends 100m (328 ft.) for a total distance of up to 200m (656 ft.)
- Daisy chain up to 4 units for a total PoE network extension of up to 500m (1,640 ft.)
- Use a single PoE++ (60W) connection to extend PoE+ (30W) for up to two devices
- Supports PoE (15.4W), PoE+ (30W), and PoE++ (60W) devices
- Convenient wall mountable design
- No external power adapter required

TRENDnet's 2-Port Gigabit PoE++ Extender, model TPE-BE200, takes a single PoE++ (60W) connection and extends it an additional 100m (328 ft.) for up to two PoE+ (30W) devices. This dual/multi-port extender auto-detects a PoE (15.4W), PoE+ (30W), or PoE++ (60W) input, and extends it for a total distance of up to 200m (656 ft.) from the PoE source. Daisy chain up to four extenders for a total PoE network extension of up to 500m (1,640 ft.). This gigabit PoE++ range extender features a single PoE++ (60W) input port and two PoE+ (30W) output ports.



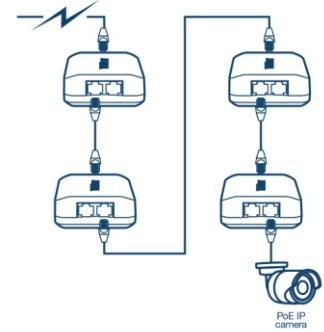
### PoE++ Power

Extends a PoE++ connection up to 100m (328 ft.) to PoE (15.4W), PoE+ (30W), and PoE++ (60W) devices.



### Gigabit Ports

One gigabit PoE++ input port and two gigabit PoE+ output ports extend a single PoE++ connection an additional 100m (328 ft.) to two PoE+ devices.

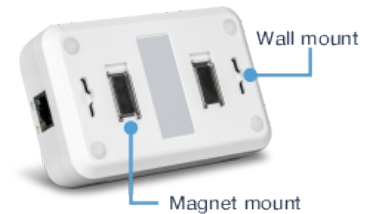
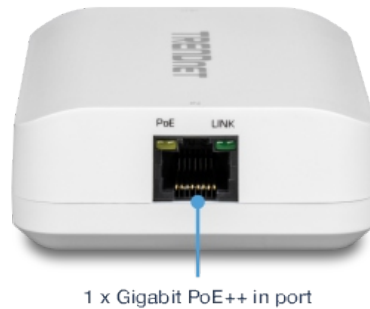
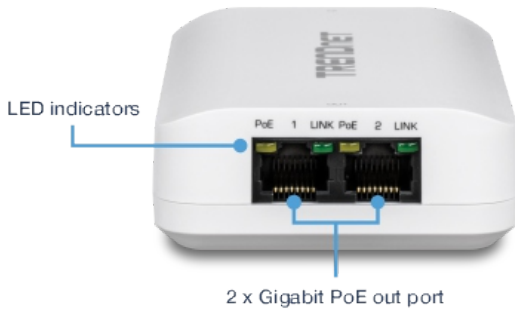
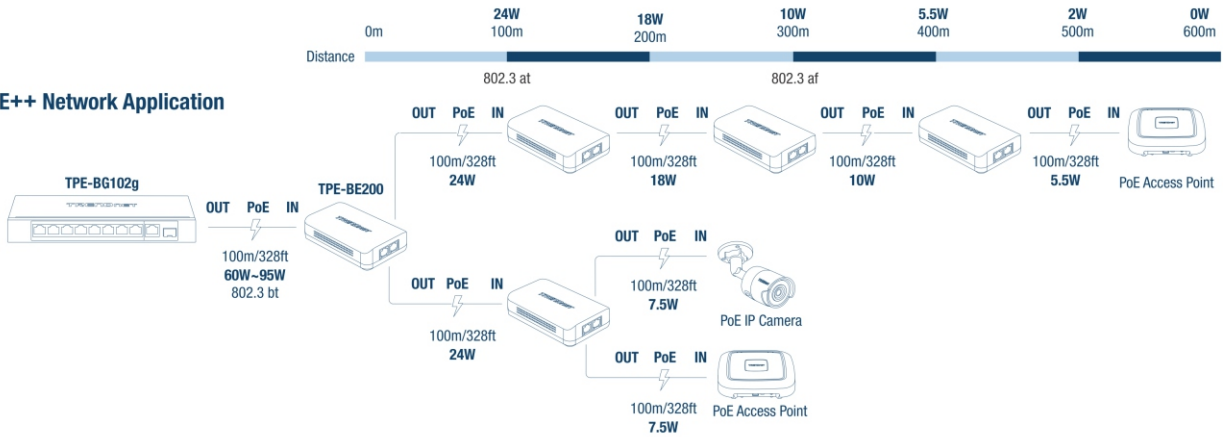


### Daisy Chain

Connect up to four PoE++ extenders for a total PoE network extension of up to 500m (1,640 ft.).

## NETWORKING SOLUTION

### PoE++ Network Application



## FEATURES



### Extension Distance

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



### PoE/PoE+/PoE++

Supports PoE (15.4W), PoE+ (30W), and PoE++ (60W) network connections



### Daisy Chain

Connect up to 4 PoE++ extenders for a PoE network extension of up to 500m (1,640 ft.)



### Installation Flexibility

Wall mountable design accommodates most installations scenarios



### PoE Powered

No external power required—the PoE++ extender (sometimes referred to as a PoE++ repeater) is conveniently powered via Power over Ethernet

## SPECIFICATIONS

### Standards

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

### Device Interface

- 1 x Gigabit PoE++ in port
- 2 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

- RAM buffer: 1Mb
- MAC Address Table: 2K entries
- Jumbo Frame: 9KB

### Special Features

- Extends a PoE/PoE+ network connection an additional 100 meters for a total distance of up to 500m (1640 ft.)
- Cascade up to 4 repeaters

### Power

- Powered by PoE++ Device
- Max. consumption: 3.3W

### PoE

- PoE budget: 60W
- PD Pin: 1,2,4,5 (+) and 3,6,7,8 (-)
- PSE Pin: 1,2 (+) and 3,6 (-)

### Operating Temperature

- 0° – 45° C (32° - 113° F)

### Operating Humidity

- Max. 95% non-condensing

### Dimensions

- 110 x 70 x 29mm (4.3 x 2.8 x 1.1 in.)

### Weight

- 125g (4 oz.)

### Certifications

- CE
- FCC

### Warranty

- 3 year

### Package Contents

- TPE-BE200
- Quick Installation Guide

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.