

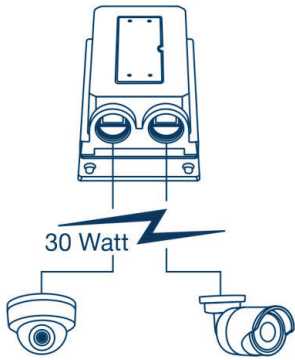


## 2-Port Industrial Outdoor Gigabit Active/Passive PoE+ Extender

TI-BEP200 (v1.0R)

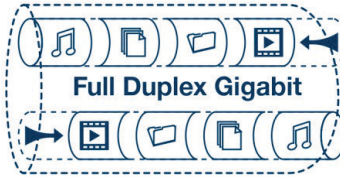
- Easy installation
- Extends 100m for a total distance of up to 200m (656 ft.)
- Daisy chain up to 4 units for a total PoE network extension of up to 500m (1,640 ft.)\*
- Use a single PoE++ connection to extend PoE for up to two devices
- Supports PoE (15.4W), PoE+ (30W), and Passive PoE (24-48V) devices
- Supports single output Passive PoE (24-48V)
- Wide operating temperature range of -40° – 75° C (-40° – 167° F)
- IP67 outdoor weather rated housing
- No external power adapter required
- Built-in True Surge 4kV Protection
- Wall mountable
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 2-Port Industrial Outdoor Gigabit PoE Extender, model TI-BEP200, takes a single PoE++ (90W) connection and extends it an additional 100 meters (328 ft.) for up to two PoE devices. It auto-detects a PoE (15.4W), PoE+ (30W), or PoE+ (60W) signal, and extends it for a total distance of up to 200 meters (656 ft.) from the PoE source. Daisy chain up to 4 units for a total PoE network extension of up to 500 meters (1,640 ft.). This outdoor PoE extender features a single PoE++ input port, and one PoE+ and one Passive PoE output ports.



### PoE Power

Extends a PoE++ (90W) connection up to 100 meters (328 ft.) to PoE (15.4W), PoE+ (30W), and Passive PoE (24-48V) devices.\*\*



### Gigabit Ports

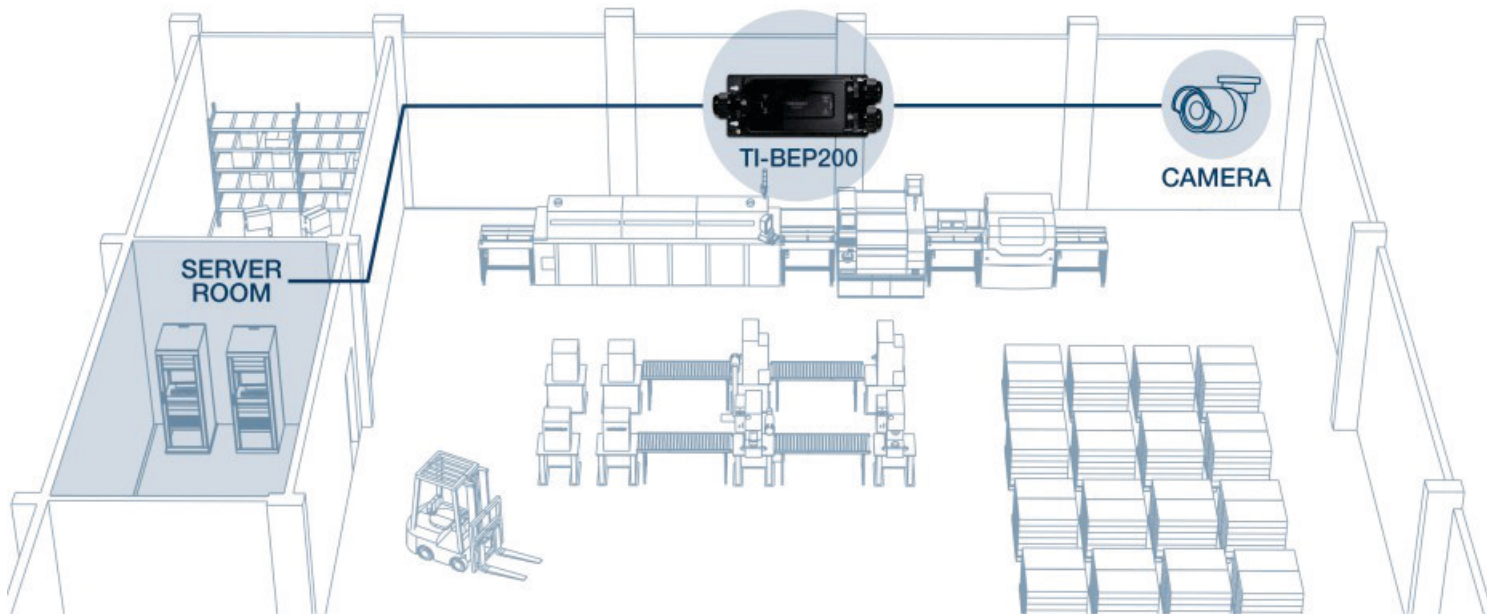
Features one gigabit PoE++ input port and two gigabit PoE output ports that extend a single PoE++ connection an additional 100 meters (328 ft.) to two PoE devices.



### Outdoor Rated

Built for outdoor and industrial environments, with an IP67 weather rated metal housing and an operating temperature range of -40° – 75° C (-40° – 167° F).

## NETWORKING SOLUTION



## FEATURES



### Extension Distance

Extends a PoE, PoE+, or Passive PoE network connection an additional 100 meters for a total distance of up to 200 meters (656 ft.) from the PoE source



### PoE/PoE+/PoE+

Auto detects PoE (15.4W), PoE+ (30W), and Passive PoE (24-48V) network connections



### Gigabit Ports

1 x Gigabit PoE++ input port, 2 x Gigabit PoE output ports, with a 60W PoE budget and 90W PoE++ input



### Daisy Chain

Connect up to 4 units for a PoE network extension of up to 500m (1,640 ft.)\*



### PoE Powered

No external power required—saves installation time and cost



### Outdoor Ready

Rugged IP67 outdoor weather rated housing



## SPECIFICATIONS

### Standards

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

### Device Interface

- 1 x Gigabit PoE++ in port
- 1 x Gigabit PoE+ out port
- 1 x Gigabit 24/48V DC passive PoE out port
- LED indicators
- Wall mount
- IP67 housing

### 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++ (60W – 90W) Device
- Max. consumption: 2.8W (without device connected)

### PoE

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

### PoE Power Output

PoE Input	Max PoE Output
90W	30W
60W	30W
30W	25W

### Single Port Daisy Chain

Daisy Chains From PSE	Max. PoE Output
1 (up to 100m)	90W Input: 30W
	60W Input: 30W
	30W Input: 25W
2 (up to 200m)	90W Input: 24W
	60W Input: 23W
	30W Input: 20W
3 (up to 300m)	90W Input: 15W
	60W Input: 16W
	30W Input: 15W
4 (up to 400m)	90W Input: 9W
	60W Input: 8W
	30W Input: 7W

### DIP Switch

- Adjust 24/48V DC passive voltage (default 48V DC)

### Operating Temperature

- - 40° – 75° C (-40° – 167° F)

### Operating Humidity

- Max. 95% non-condensing

### Dimensions

- 167 x 74 x 44mm (6.6 x 2.9 x 1.7 in.)

### Weight

- 266g (12.9 oz.)

### Certifications

- CE
- FCC
- IEC 61000-4-2
- IEC 61000-4-4
- IEC 61000-4-5
- IEC 60068-2-27 (Shock)
- IEC 60068-2-32 (Free Fall)
- IEC 60068-2-6 (Vibration)

### Warranty

- 3 year

### Package Contents

- TI-BEP200
- Quick Installation Guide
- 3 x IP67 weather rated cable glands
- Wrench
- Wall mount screws

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

\*\* To obtain the maximum PoE budget of 60W, the PoE extender must be powered by a 90W PoE++ device.

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.