

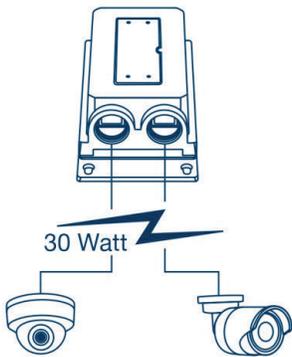


2-Port Industrial Outdoor Gigabit Active/Passive PoE+ Extender

TI-BEP200 (v1.0R)

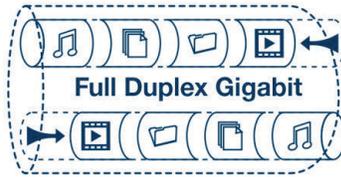
- Easy installation
- Extends 100m for a total distance of up to 200m (656 ft.)
- Daisy chain up to 4 units for a total PoE network extension of up to 500m (1,640 ft.)*
- Use a single PoE++ connection to extend PoE for up to two devices
- Supports PoE (15.4W), PoE+ (30W), and Passive PoE (24-48V) devices
- 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

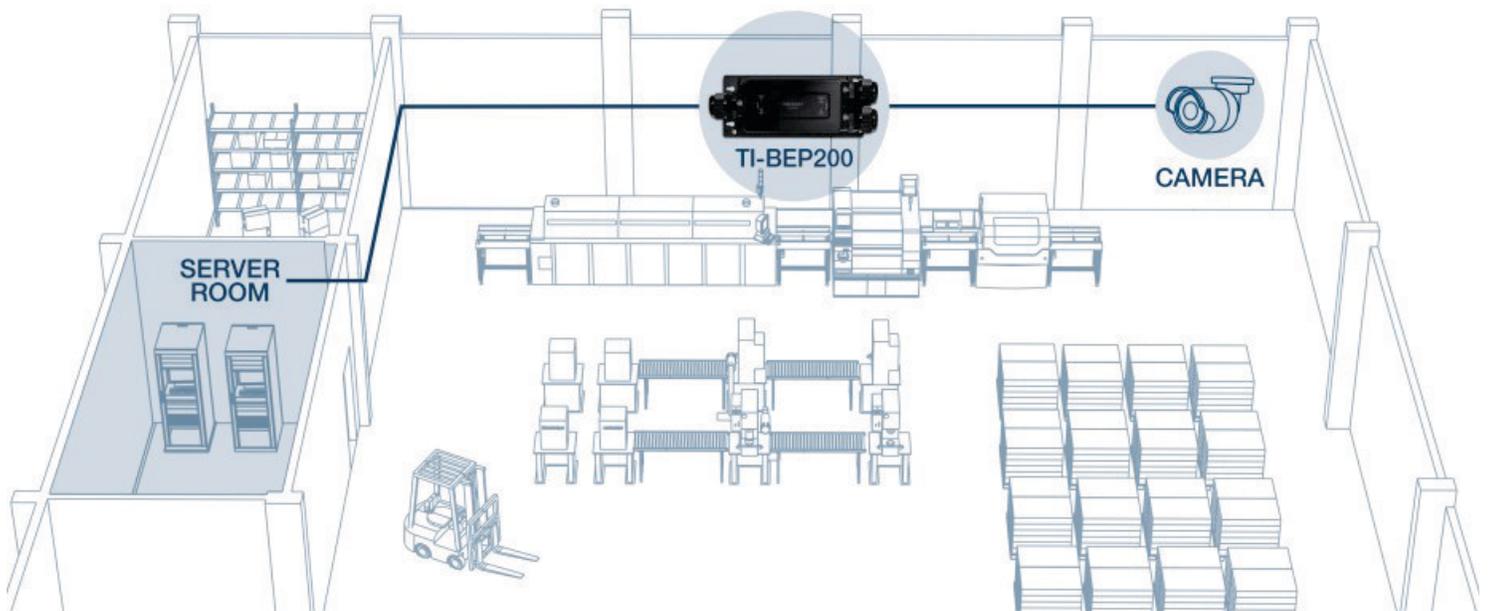
Features one gigabit PoE++ input port and two gigabit PoE output ports that extend a single PoE++ connection an additional 100 meters (328 ft.) to two PoE devices.



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+/Passive 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.