

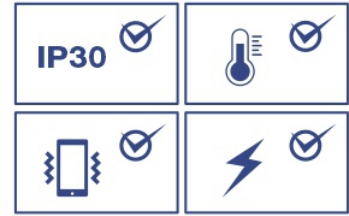
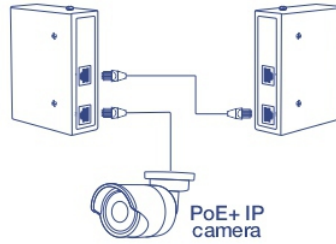
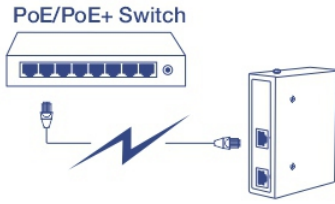


## Industrial Gigabit PoE+ Extender

TI-E100 (v1.0R)

- Easy installation
- Extends 100m for a total distance of up to 200m (656 ft.)
- Daisy chain up to 2 units for a total PoE network extension of up to 300m (984 ft.)\*
- Supports PoE (15.4W) and PoE+ (30W)
- Wide operating temperature range of -40°–75° C (-40° – 167° F)
- Durable IP30 rated metal housing
- Convenient wall mountable design
- No external power adapter required

TRENDnet's Industrial Gigabit PoE+ Extender, model TI-E100, takes a single PoE+ connection and extends it an additional 100m (328 ft.) for remote PoE/PoE+ device installation. The industrial PoE+ extender auto-detects a PoE or PoE+ connection, and then extends it for a total distance of up to 200m (656 ft.) from the PoE+ power source equipment. The TI-E100 industrial PoE+ extender features a convenient wall mountable design for installation flexibility. Daisy-chain up to two industrial PoE+ extenders for a total PoE+ network extension of 300m (984 ft.).



### PoE Powered

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

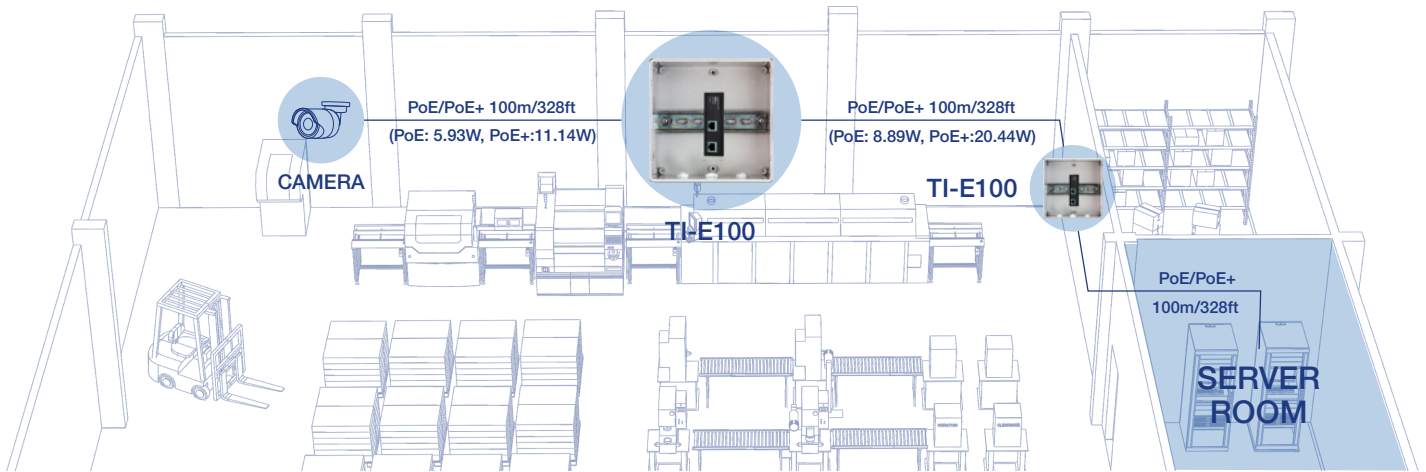
### Daisy-Chainable

Daisy-chain up to two industrial PoE+ extenders for a total PoE+ network extension of 300m (984 ft.).

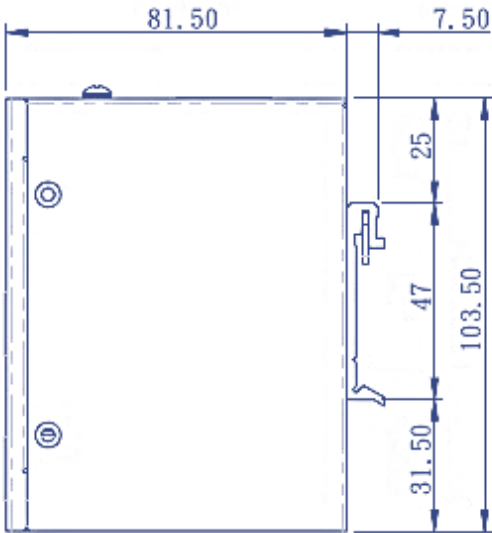
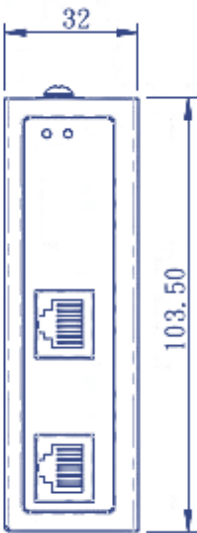
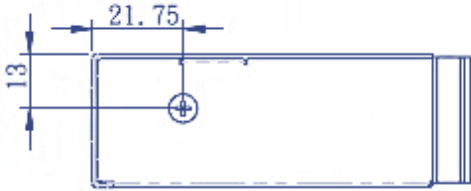
### Industrial Grade Design

Built for harsh environments, with an IP30 enclosure rating, and a wide operating temperature range of -40° – 75° C (-40° – 167° F).

## NETWORKING SOLUTION



DIMENSION (mm)



## FEATURES



### 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

The industrial PoE+ extender features one gigabit PoE+ input port and one gigabit PoE+ output port



### PoE Powered

No external power required—saves on cost installation time



### Daisy-Chain

Connect up to two TI-E100 industrial PoE+ extenders for a total PoE+ network extension of up to 300m (984 ft.)



### Industrial Grade Design

Built for harsh environments, with an IP30 enclosure rating, and a wide operating temperature range of -40°–75° C (-40° – 167° F)



### LED Indicators

LED indicators to convey status

## SPECIFICATIONS

### Standards

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

### Device Interface

- 1 x Gigabit PoE+ in port
- 1 x Gigabit PoE+ out port
- LED indicators
- DIN-Rail mount
- Wall mount
- Grounding point

### Data Transfer Rate

- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Gigabit: 2000Mbps (full duplex)

### Performance

- Data RAM Buffer: 128KB
- MAC Address Table: 2K
- Jumbo Frame: 9KB

### Special Features

- Extends a PoE/PoE+ network connection an additional 100 meters
- Cascade up to 2 units for a total distance of up to 300m (984 ft.) @50V power input
- Cascade up to 3 units for a total distance of up to 400m (1312 ft.) @56V power input
- ESD Contact 6kV/Air 8kV and Surge 2kV protection

### PoE

- Power input: 15.4W/30W/60W
- Power output: 15.4W/30W
- Max. consumption: 3.5W (no PoE)

### Housing

- IP30 metal case
- DIN-Rail mount
- Wall mount
- Grounding point
- Contact 6kV, Air 8kV ESD protection
- 2kV surge protection

### Operating Temperature

- - 40° — 75° C (-40° — 167° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 103 x 80 x 32mm (4 x 3.1 x 1.25 in.)

### Weight

- 158g (5.6 oz.)

### Certifications

- CE
- FCC
- IEC EN60950-1
- Shock (IEC 60068-2-27)
- Freefall (IEC 60068-2-32)
- Vibration (IEC 60068-2-6)

### Warranty

- 3-year

### Package Contents

- TI-E100
- Quick Installation Guide
- DIN-Rail and wall mount kit

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.