



## Outdoor IP67 Gigabit PoE++ Injector (24 – 57V)

TI-O119GI (v1.xR)

- 1 x Gigabit PoE++ data out port
- 1 x Gigabit data in port
- 1 x Two-wire power connector
- 95W PoE power budget
- IP67 outdoor weather rated housing
- Extreme operating temperature range -40° to 75 °C (-40° to 167 °F)
- Supports 24 – 57V DC power input (power supply sold separately, model: TI-S15052)
- Supports VLAN pass-through
- Built-in 6kV ESD protection
- Wall mountable
- Supports PoE (15.4W), PoE+ (30W), and PoE++ (95W) devices
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's Outdoor IP67 Gigabit PoE++ Injector, model TI-O119GI, is an 802.3bt PoE++ injector that combines electrical power with a gigabit network connection to produce a high-powered 95W PoE++ network signal. Auto-sensing technology conveniently delivers the correct wattage needed to power your PoE, PoE+, and PoE++ device. Connect the outdoor PoE++ injector to a non-PoE switch, and then run an Ethernet cable with data + power to network a PoE device up to 100 meters (328 ft.) away. The outdoor PoE++ injector is equipped with an IP67 outdoor rated metal enclosure, designed to withstand a high degree of vibration and shock, while operating within an extreme temperature range of -40° – 75° C (-40° – 167° F) for outdoor environments.



### PoE++

This outdoor PoE++ injector supplies up to 95W of power to one PoE (IEEE 802.3af), PoE+ (IEEE 802.3at), or PoE++ (IEEE 802.3bt) device.

### Gigabit Ports

Features one high-speed gigabit data in port and one high-speed gigabit PoE++ data out port.

### Industrial Design

IP67 rated metal enclosure with a high degree of vibration and shock resistance, and a wide operating temperature range of -40° – 75° C (-40° – 167° F).

## FEATURES



### PoE++

This industrial 802.3bt outdoor PoE++ injector supplies up to 95W of power to one PoE (IEEE 802.3af), PoE+ (IEEE 802.3at), or PoE++ (IEEE 802.3bt) device



### Waterproof Design

This waterproof PoE++ injector features a durable enclosure with an IP67 outdoor weather rating



### Industrial Design

Designed to withstand a high degree of vibration and shock



### Extreme Operating Temperature

Operating temperature range of -40° – 75° C (-40° – 167° F) allows for installations in environments with extreme hot or cold conditions



### Gigabit Ports

Features one high-speed gigabit data in port and one high-speed gigabit PoE++ data out port



### PoE Distance

The outdoor-rated PoE++ injector provides PoE network connections up to 100m (328 ft.) away



### Ethernet Surge Protection

Supports RJ-45 surge protection up to 6kV



### Shock and Vibration Resistant

Rated for shock (EN 60068-2-27), freefall (EN 60068-2-31), and vibration (EN 60068-2-6)



### Electro Magnetic Compliance

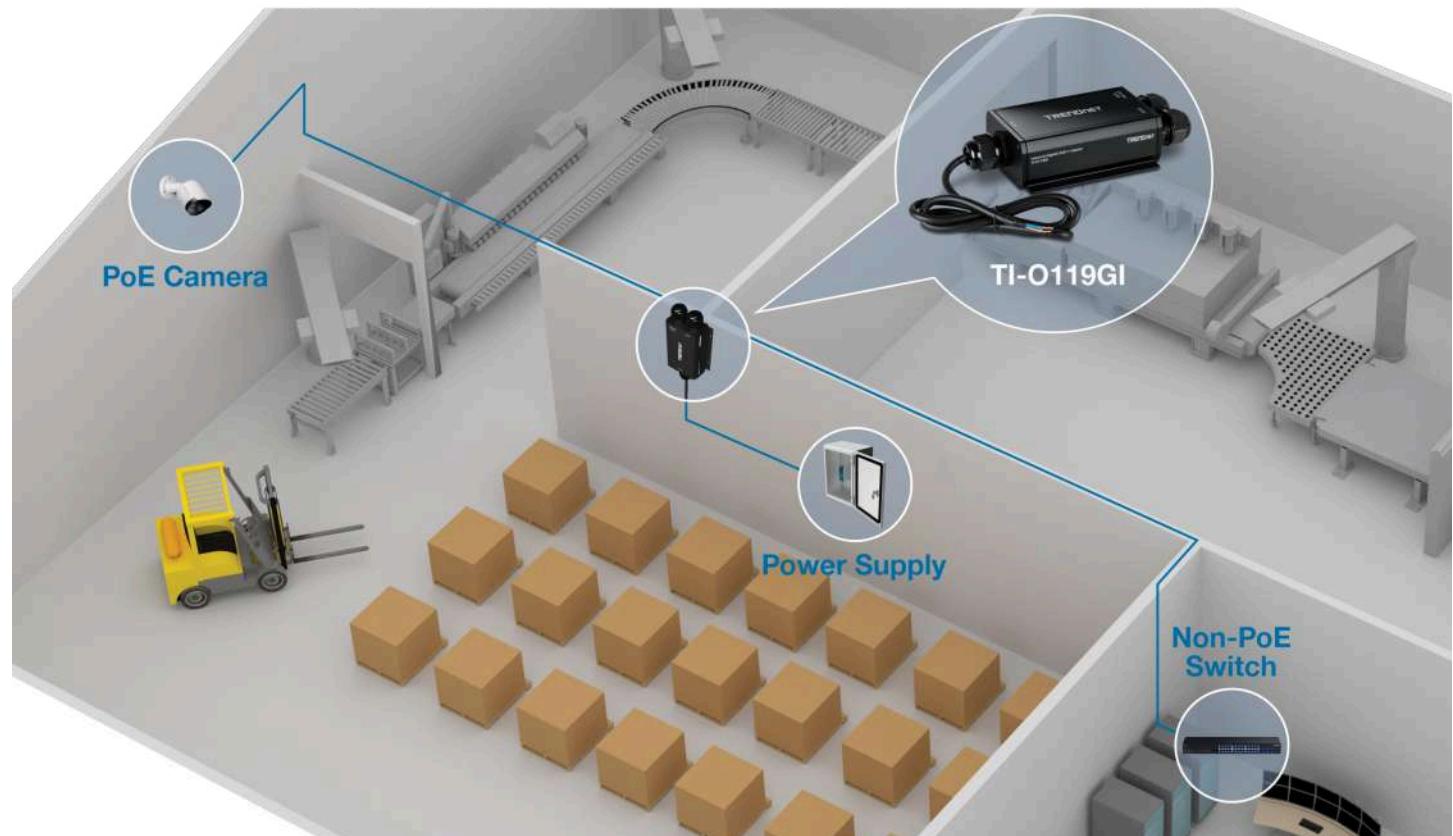
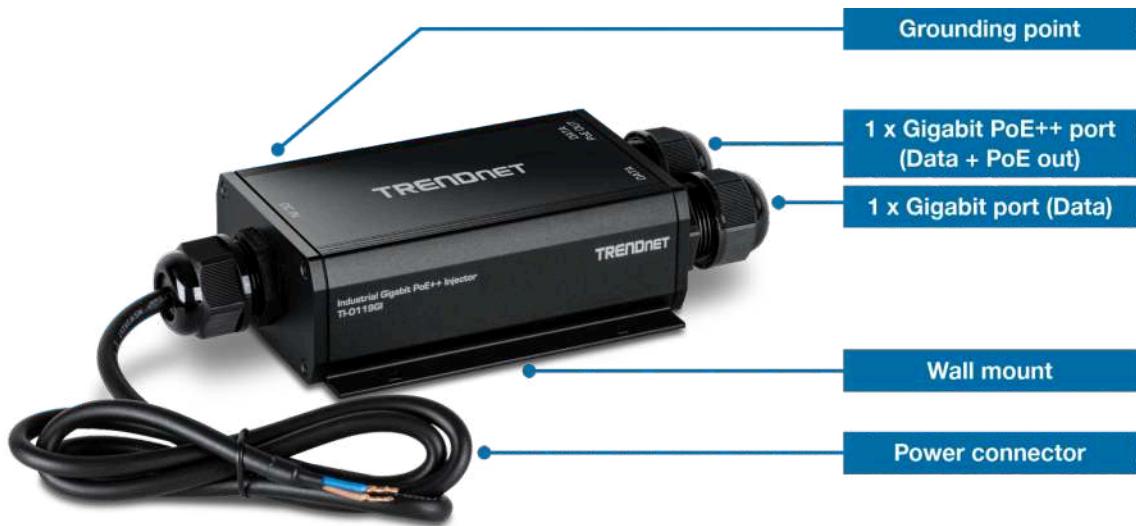
The outdoor PoE++ injector complies with industrial EMS certifications ESD (IEC 61000-4-2): Contact: 6kV, Air: 8kV; EFT (IEC 61000-4-4): Power 2kV, Signal: 1kV; Surge (IEC 61000-4-5): Power to ground: 2kV, Signal: 6kV



### Grounding Point

Grounding point on the outdoor PoE++ injector protects equipment from external electrical surges

## NETWORKING SOLUTION



## SPECIFICATIONS

### Standards

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

### Device Interface

- 1 x Gigabit PoE++ port (Data + PoE out)
- 1 x Gigabit port (Data)
- 1 x Power connector
- Wall mount

### Data Transfer Rate

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

### Special Features

- Auto shut down if the current is over 700mA or in event of short circuit on either Ethernet ports

### Power

- Input: 24 – 57V DC
- Max. consumption: 3.84W (without PD)
- Power cable: 91.5cm / 3ft.

### PoE

- Up to 95W @ 52 – 57V DC
- Up to 30W @ 24 – 48V DC
- PoE Mode A: Pins 1, 2, 3, and 6 for power

### MTBF

- 250,880 hours @ 25° C

### Housing

- IP67 rated metal case
- Wall mount
- Grounding point
- 6kV ESD protection
- 8kV Air ESD protection
- 6kV RJ-45 surge protection
- Line to Ground 2kV surge protection

### Operating Temperature

- - 40° — 75° C (-40° — 167° F)

### Operating Humidity

- Max. 95% non-condensing

### Dimensions (L x W x H)

- 190 x 76 x 42mm (7.5 x 3 x 1.65 in.)

### Weight

- 576g (20.3 oz.)

### Certifications

- CE
- FCC
- LVD
- Shock (IEC 60068-2-27)
- Freefall (IEC 60068-2-31)
- Vibration (IEC 60068-2-6)

### Warranty

- 3-year

### Package Contents

- TI-O119GI
- Mounting 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.