

10G PoE+ Injector

TPE-315GI (v1.xR)

- Converts a non-PoE port to a PoE+ port
- Supplies PoE (15.4W) or PoE+ (30W)
- 10GBASE-T compliant
- Network a PoE device up to 100m (328 ft.) over Cat6A or better cabling
- Save on installation and equipment costs
- IEEE 802.3af and 802.3at compliant

TRENDnet's 10G PoE+ Injector, model TPE-315GI, combines electrical power with a 10GBASE-T network connection to produce a 10G PoE+ network signal. Auto-sensing technology conveniently delivers the correct wattage needed to power your PoE or PoE+ devices. Connect the 10G PoE+ injector to a non-PoE switch, and then run an Ethernet cable with data + power to network a PoE or PoE+ device up to 100 meters (328 ft.) over Cat6A or better cabling. Network PoE devices, such as wireless access points, IP cameras, VoIP phone systems, IPTV decoders, access controls, and more.



PoE+
The 10G PoE+ injector supplies a PoE device with PoE (15.4W) or PoE+ (30W) power.



Installation Flexibility
Magnetic wall-mount design enclosure accommodates most installations scenarios.



10G Speeds
Equipped with a 10GBASE-T RJ-45 port, providing network speeds of up to 10Gbps over existing Cat6A or better cabling.

FEATURES

PoE+
10Gb PoE+ injector supplies a PoE device with PoE (15.4W) or PoE+ (30W) power

Auto-Sensing Technology
Featuring auto-sensing technology, the 10G PoE+ injector conveniently delivers the correct wattage needed to power your PoE or PoE+ devices

Easy Installation
Simply connect the multi-gig PoE+ injector to your switch and PoE device – no configuration needed

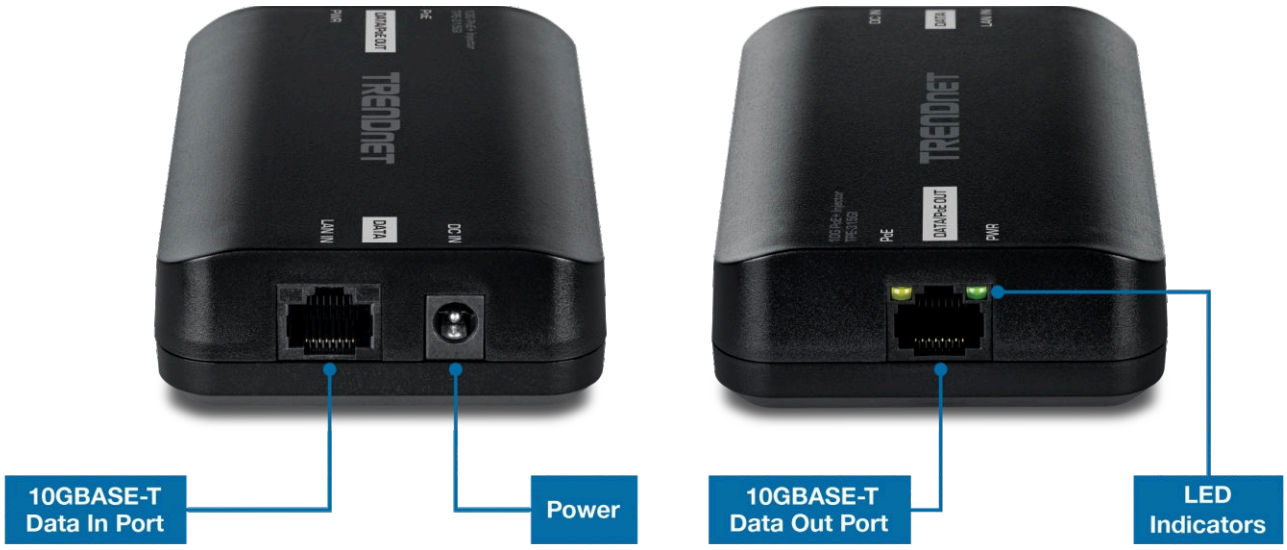
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Magnetic wall-mount design accommodates most installations scenarios

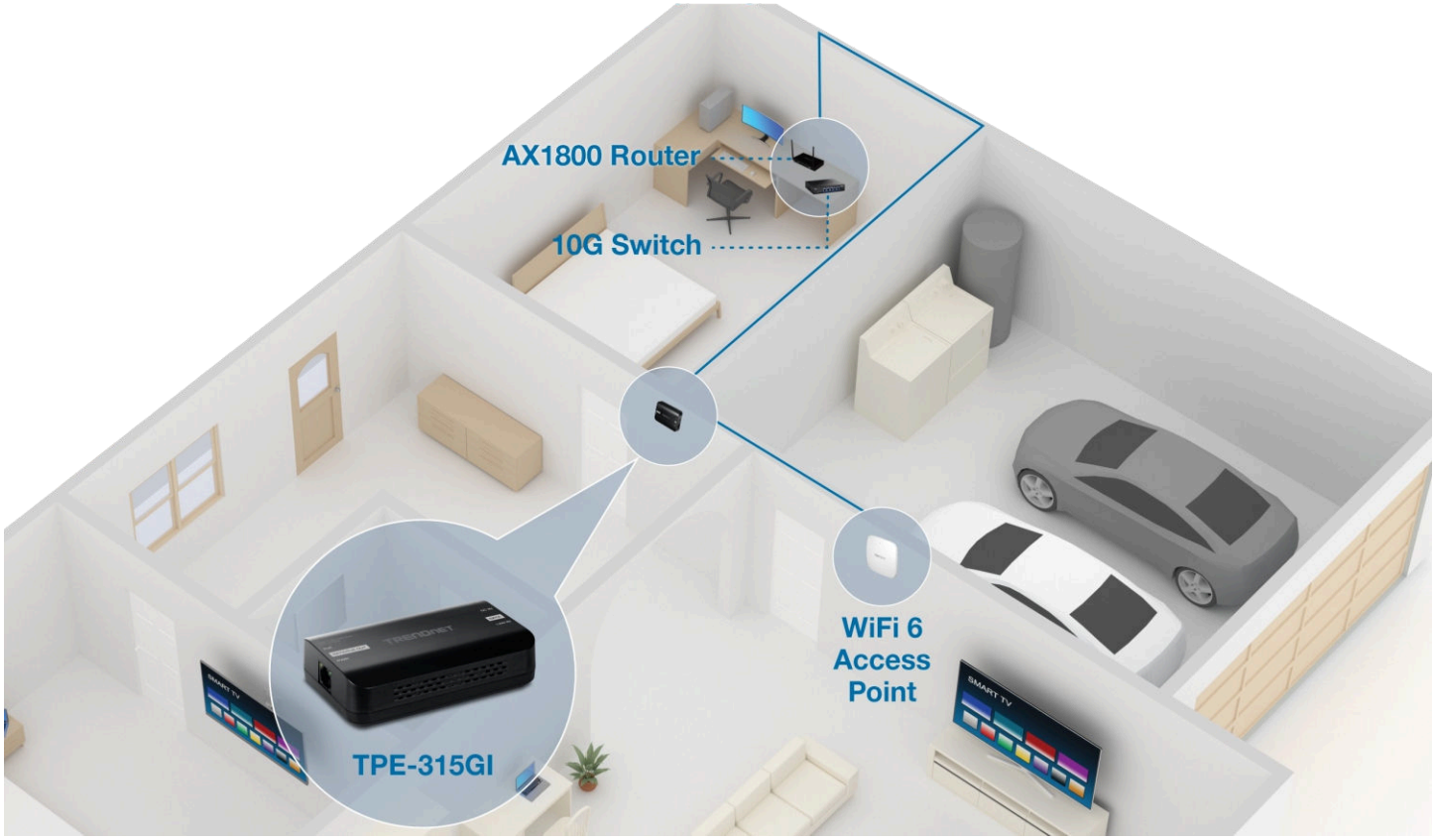
10G Ports
1 x 10G port (data) and 1 x 10G PoE+ port (data + power)

PoE Distance
Provides a PoE+ network connection up to 100m (328 ft.) over Cat6A or better cabling

LED Indicators
LED indicators on the 10G PoE+ injector confirm PoE and network connectivity

NETWORKING SOLUTION





SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3an
- IEEE 802.3at
- IEEE 802.3bz

Device Interface
- 1 x 10GBASE-T port (data)
- 1 x 10GBASE-T PoE+ port (data + power)

Throughput & Distance
- Cat5e Cabling: 1Gbps / 2.5Gbps @ 100m (328 ft.)
- Cat6 Cabling: 10Gbps @ 50m (164 ft.)*
- Cat6a Cabling: 10Gbps @ 100m (328 ft.)*

PoE
- Mode A: Pins 1, 2 for power+ and pins 3, 4 for power-
- Mode B: Pins 5, 6 for power+ and pins 7, 8 for power -
- Max. 30W

Power Consumption
- Max. 0.3W (without PD)

Temperature
- 0° – 50° C (32° – 122° F)

Humidity
- Max. 90% non-condensing

Certifications
- CE
- FCC

Dimensions
- 109.7 x 70 x 28.6mm (4.3 x 2.8 x 1.1 in.)

Weight
- 0.1 kg (0.22 lbs.)

Warranty
- 3-year

Package Contents
- TPE-315GI
- Power adapter (54V DC, 1.67A)

*Maximum distance of Cat6 and Cat6a cabling are references to IEEE 802.3an standard. Actual data throughput and distance will vary depending on the quality of the cable.

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.

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