

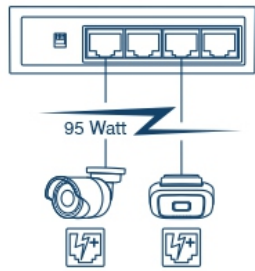


## 95W 2-Port Industrial 2.5G PoE++ Injector

TI-IG290 (v1.0R)

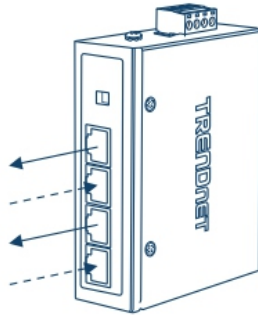
- 2 x 2.5G PoE++ ports (Data + PoE out)
- 2 x 2.5G ports (Data in)
- Budget de energia PoE 180W
- Supports PoE (15.4W), PoE+ (30W), and PoE++ (95W) devices
- Uses IEEE 802.3af, IEEE 802.3at, and IEEE 802.3bt industry PoE standards for greater device interoperability
- Network a PoE device located up to 100m (328 ft.) away
- O design sem ventilador elimina o ruído operacional e reduz o consumo de energia
- Extreme operating temperature range -40 to 75 °C (-40 to 167 °F)
- Entradas de energia redundantes com proteção de sobrecarga de corrente
- Includes DIN-Rail mount and wall mount
- Power supply sold separately (model TI-S24048)

TRENDnet's 95W 2-Port Industrial 2.5G PoE++ Injector, model TI-IG290, allows users to add PoE++ power to a non-PoE 2.5G switch. Connect the 2-port industrial 2.5G PoE++ injector to a non-PoE 2.5G switch, and then run Ethernet cables up to 100 meters (328 ft.) to network two PoE/PoE++ devices. This multi-port industrial 2.5G PoE++ injector supplies up to 95W of power to two PoE devices with a total PoE budget of 180W. The fanless design conveniently eliminates operating noise and lowers unnecessary energy consumption. The dual port industrial 2.5G PoE++ injector is equipped with an IP30 rated metal enclosure, designed to withstand a high degree of vibration and shock, while operating within a wide temperature range of -40° – 75° C (-40° – 167° F) for harsh industrial environments.



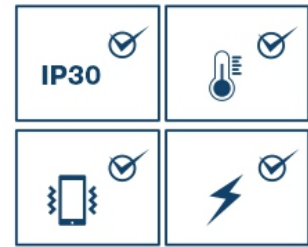
### 2-Port PoE

This multi-port 2.5G PoE++ injector supplies up to 95W of power to two PoE devices with a total PoE budget of 180W.



### Portas 2.5G

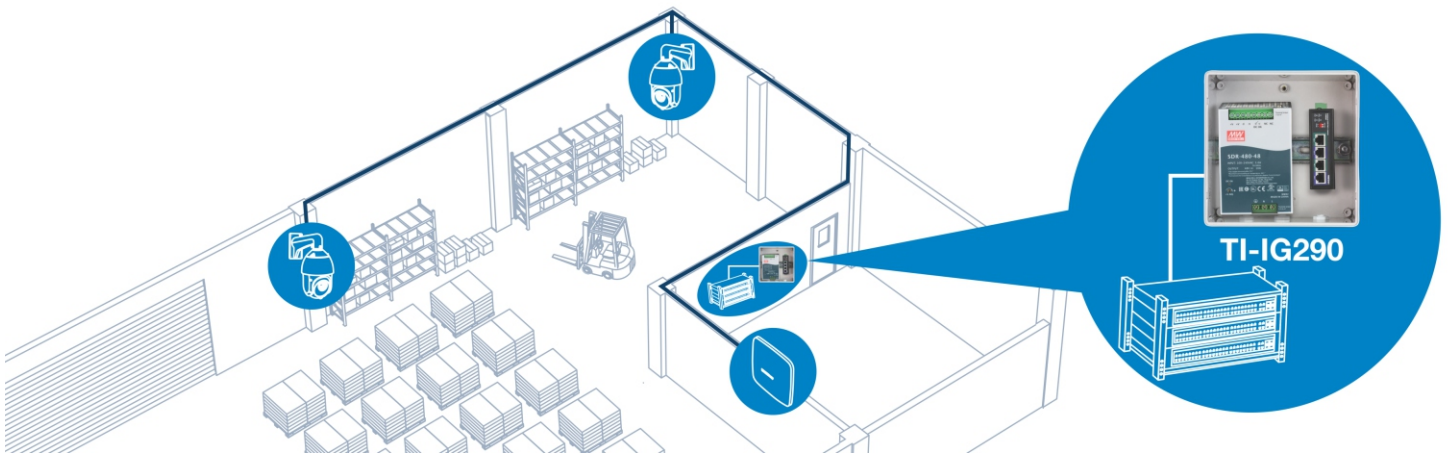
Features two high-speed 2.5G ports (data in) and two high-speed 2.5G PoE++ ports (data + PoE out).



### Desenho industrial

IP30 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).

## PROJETO DE REDE



## CARACTERÍSTICAS



### 2-Port PoE++

The 2-port industrial 802.3bt PoE++ injector supplies up to 95W of power to two PoE (IEEE 802.3af), PoE+ (IEEE 802.3at), or PoE++ (IEEE 802.3bt) devices



### Portas 2.5G

2 x 2.5G ports (data in) and 2 x 2.5G PoE++ ports (data + PoE out)



### Distância PoE

Provides two PoE network connections up to 100m (328 ft.) away from the 2-port industrial 802.3bt PoE++ adapter



### Indicadores LED

LEDs indicate PoE connectivity and power status



### Ponto de aterramento

Ponto de aterramento protege os equipamentos contra sobre tensões eléctricas externas



### Desenho industrial

Equipped with an IP30 rated metal enclosure, designed to withstand a high degree of vibration and shock, while operating within a wide temperature range of -40° – 75° C (-40° – 167° F) for industrial environments



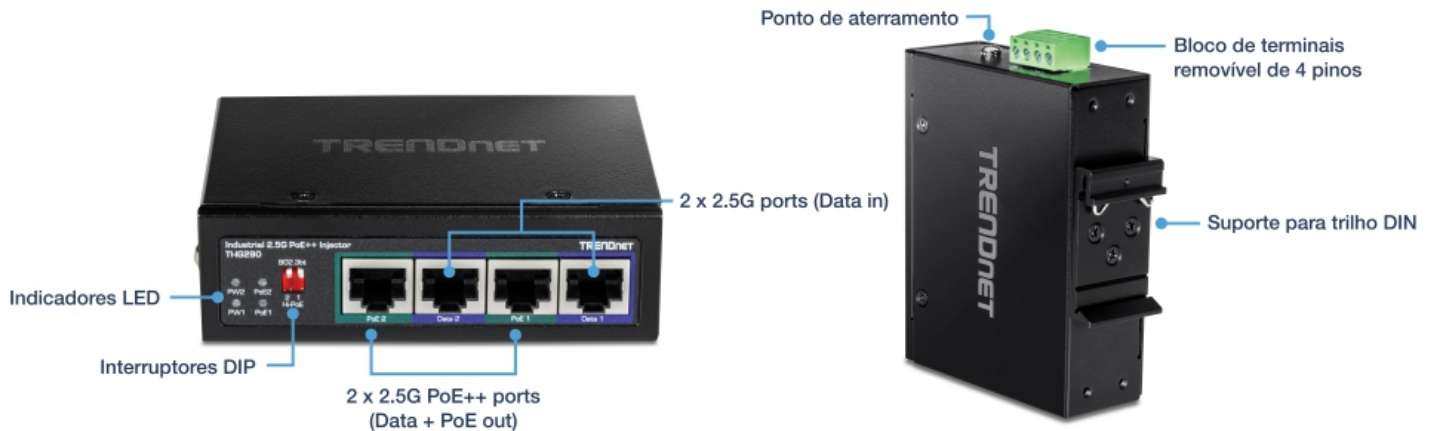
### Resistente a Choque e Vibração

Classificado para choque (EN 60068-2-27), queda livre (EN 60068-2-32) e vibrações (EN 60068-2-6)



### Design sem ventilador

Fanless design on the 2-port industrial 2.5G PoE++ injector conveniently eliminates operating noise and lowers unnecessary energy consumption



## ESPECIFICAÇÕES

### Estândares

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

### Interface

- 2 x 2.5GBASE-T ports
- 2 x 2.5GBASE-T PoE++ ports
- Bloco de terminais removível de 4 pinos
- Indicadores LED
- Montagem em parede
- Ponto de aterramento

### Intervalo de transferência de dados

- Ethernet: 10 Mbps (half-duplex), 20 Mbps (full-duplex)
- Fast Ethernet: 100 Mbps (half-duplex), 200 Mbps (full-duplex)
- Gigabit Ethernet: 2000 Mbps (full-duplex)
- 2.5 Gigabit: 5000Mbps (full duplex)

### Características especiais

- 90W 4-Pair PoE ports
- 2.5Gbps speed
- Hardened components rated for extreme temperatures
- Entradas de energia redundantes e duplas
- Auto-negociação

### Alimentação

- Input: 52 – 56 V DC
- Compatible power supply: TI-S24048 (sold separately)
- Max. consumption: 95W

### PoE

- PoE budget: 180W
- Pin 3,6 para energia + e pinos 1,2 para energia- (modo A)
- Pin 4,5 for power+ and pin 7,8 for power-

### Bloco terminal

- Entradas de energia redundantes, 4 pinos
- Faixa do fio: 0,34 mm<sup>2</sup> a 2,5 mm<sup>2</sup>
- Fio sólido (AWG): 12-24/14-22
- Fio trançado (AWG): 12-24/14-22
- Torque: 5 lb. – Pol / 0,5Nm / 0,56 Nm
- Comprimento do fio nu: 7 – 8mm

### MTBF

- 716,685 hours

### Invólucro

- Estrutura de metal IP30
- Suporte para trilho DIN
- Montagem em parede
- Ponto de aterramento
- Contact 6KV/Air 8 KV ESD protection
- 2 KV surge protection

### Temperatura de operação

- - 40° – 75° C (-40 – 167° F)

### Umidade de operação

- Máx. 90% sem condensação

### Dimensions (L x W x H)

- 103 x 81 x 30mm (4 x 3.2 x 1.2 in.)

### Peso

- 170g (6 oz.)

### Certificações

- CE
- FCC
- IEC EN60950-1
- Choque (IEC 60068-2-27)
- Queda livre (IEC 60068-2-32)
- Vibração (IEC 60068-2-6)

### Garantia

- 3 anos

### Conteúdo da embalagem

- TI-IG290
- Guia de Instalação Rápido
- Bloco de terminais removível
- Suporte de montagem em trilho DIN

Todas as referências à velocidade são apenas para fins comparativos. As especificações, tamanho e formato do produto estão sujeitos a alterações sem aviso prévio, e a aparência real do produto pode ser diferente da descrita aqui.