



## 24-Port Gigabit PoE+ Switch

TPE-TG240g (v1.0R)

- 24 x Gigabit PoE+ ports
- 370 Watts total power budget
- 48 Gbps switching capacity
- Sturdy metal switch
- Rack mount brackets included
- Limited Lifetime Warranty

TRENDnet's 24-Port Gigabit PoE+ Switch, model TPE-TG240g, offers 24 x Gigabit PoE+ ports, a 48 Gbps switching capacity, and a PoE power budget of 370 Watts. This rugged metal switch comes with a rack mount kit.



### PoE Camera Flexibility

The switch recognizes non-PoE, PoE (15.4 W), and PoE+ (30 W) cameras (or other PoE devices) and supplies the required amount of power automatically.



### Full PoE Power

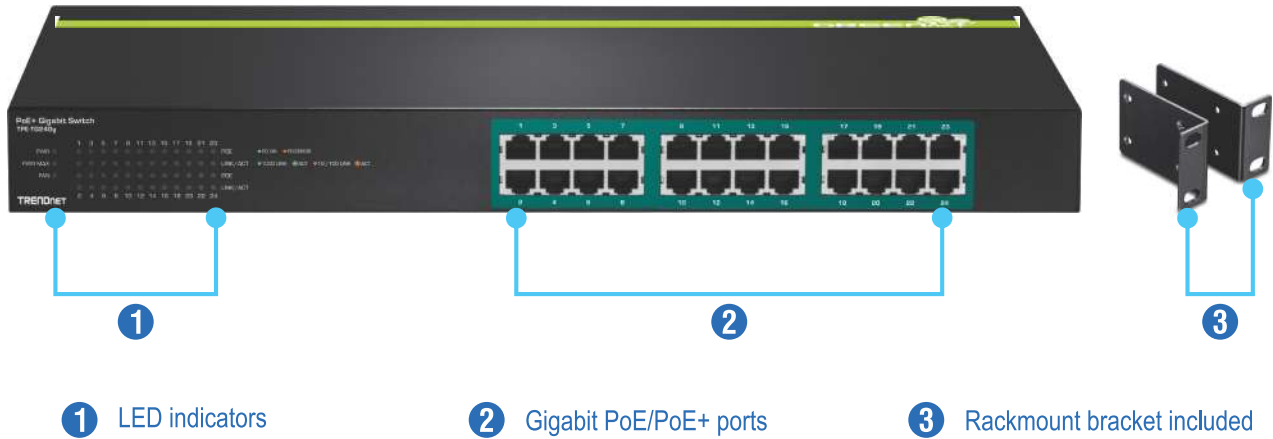
The large 370 Watt PoE power budget supplies full PoE power to every port, thereby maximizing the number of allowable connected PoE devices.



### Gigabit Networking

All Gigabit ports produce a 48 Gbps switching capacity and support Jumbo Frames up to 10 KB.

## Networking Solution



1 LED indicators

2 Gigabit PoE/PoE+ ports

3 Rackmount bracket included



### PoE+

Supplies up to 30 Watts of PoE power per port with a 370 Watt power budget



### Ports

24 x Gigabit PoE+ ports



### Switching Capacity

48 Gbps switching capacity



### Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 10 KB) for increased performance



### Rack Mountable

Rack mountable metal enclosure with included mounting kit



### LED Indicators

LED indicators convey port status

## Specifications

### Standards

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

### Device Interface

- 24 x Gigabit PoE/PoE+ ports
- LED indicators

### Data Transfer Rate

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

### Performance

- Data RAM Buffer: 512 KB
- Switch Fabric: 48 Gbps
- MAC Address Table: 8 K entries
- Forwarding rate: 35.7 Mpps (64-byte packet size)
- Jumbo Frame: 10 KB

### Power

- Input: 110-240 V AC, 50/60 Hz, 0.75 A
- Consumption: 36 Watts (Max. without PD)

### PoE

- PoE budget: 370 Watts
- Pin 3,6 for power+ and pin 1,2 for power- (mode A)
- Over current protection
- Circuit sorting protection

### Operating Temperature

- 0 – 40 °C (32 - 104 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 440 x 250 x 44 mm (17.3 x 9.8 x 1.7 in.)

### Weight

- 3.6 kg (8 lbs.)

### Certifications

- CE
- FCC

### Warranty

- Limited Lifetime Warranty

### Package Contents

- TPE-TG240g
- Quick Installation Guide
- Rack mount kit
- Power cord

TRENDnet offers a limited lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.

