TRENDnet®

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.
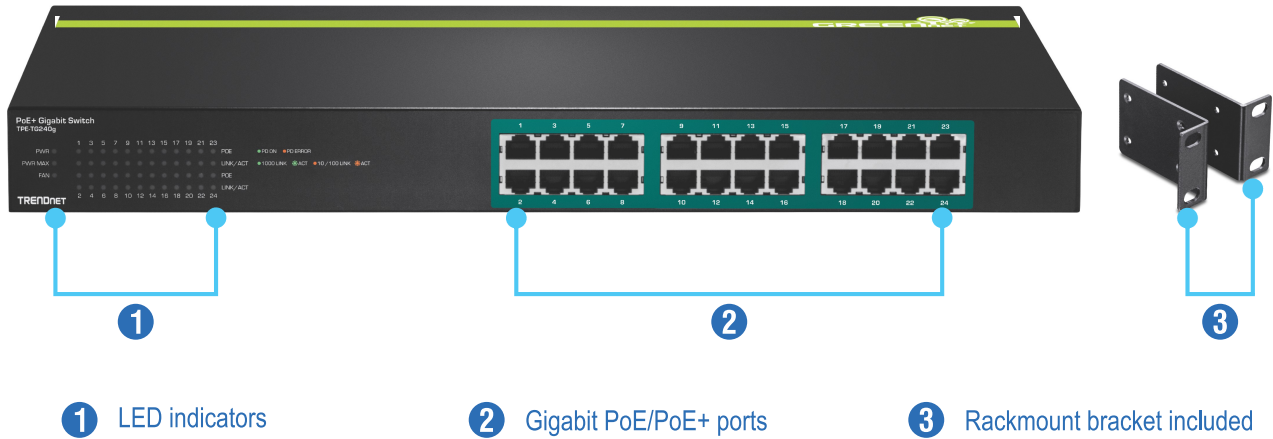

Full PoE Power

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.