



## 8-Port Gigabit PoE+ Switch

TPE-TG80g (v3.0R)

- 8 x Gigabit PoE+ ports
- 123 W PoE power budget
- 16 Gbps switching capacity
- Sturdy metal switch
- Plug and Play installation
- Limited Lifetime Warranty

TRENDnet's 8-Port Gigabit PoE+ Switch, model TPE-TG80g, offers 8 x Gigabit PoE+ ports (30 Watts/port), a 16 Gbps switching capacity, and a PoE power budget of 123 Watts. Plug and Play this sturdy metal switch for reliable high speed PoE networking.



### PoE Camera Flexibility

Recognizes non-PoE, PoE (15.4 W), and PoE+ (30 W) cameras (or other PoE devices) and supplies the required power automatically.



### Durable Install

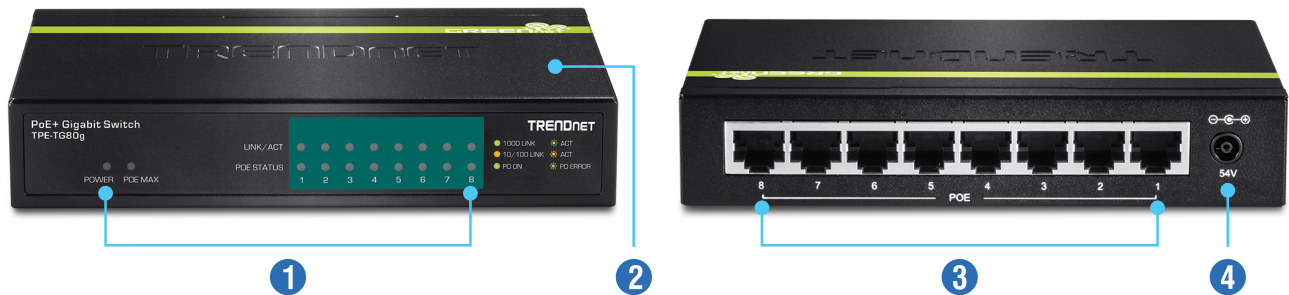
This compact switch has a small footprint and the rugged metal housing improves product durability.



### Fanless Design

Fanless design reduces energy consumption and operating noise, thereby supporting workstation/workgroup installations.

## Networking Solution



1 LED indicators

2 Metal enclosure

3 Gigabit PoE+ ports

4 Power port



### PoE+

Supplies up to 30 Watts of PoE power per port with a 123 Watt power budget



### Ports

8 x Gigabit PoE+ Ethernet ports



### Switching Capacity

16 Gbps switching capacity



### Jumbo Frame

Sends Jumbo Frames (up to 9 Kbytes) for increased performance



### Energy Savings

Embedded GREENnet technology reduces power consumption



### Housing

Rugged metal enclosure



### LED Indicators

LED indicators convey port status

## Specifications

### Standards

- IEEE 802.1p QoS
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af (15.4 Watts/port)
- IEEE 802.3at (30 Watts/port)
- IEEE 802.3az

### Device Interface

- 8 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: 128 KB
- Switch Fabric: 16 Gbps
- MAC Address Table: 8 K entries
- Forwarding rate: 11.9 Mpps (64-byte packet size)
- Jumbo Frame: 9 KB

### Special Features

- GREENnet energy saving technology

### Power

- Input: 110-240 V AC, 50/60 Hz, 0.75 A
- Output: 54 V DC, 2.77 A
- Consumption: 5.3 Watts (Max. without PD)

### PoE

- PoE budget: 123 Watts
- Pin 3, 6 for power+ and pin 1, 2 for power- (mode A)

### Operating Temperature

- 0 – 45 °C (32 - 113 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 150 x 96 x 28 mm (5.9 x 3.8 x 1.1 in.)

### Weight

- 400 g (14 oz.)

### Certifications

- CE
- FCC

### Warranty

- Limited Lifetime Warranty

### Package Contents

- TPE-TG80g
- Quick Installation Guide
- Power adapter (54 V DC, 2.77 A)

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.

