



## 5-Port Gigabit PoE+ Switch TPE-TG50g (v1.0R)

- 4 x Gigabit PoE+ ports and 1 x Gigabit port
- 31 Watts PoE budget
- 10 Gbps switching capacity
- Sturdy metal switch
- Plug and Play installation
- Use with TRENDnet's PoE Splitter to network and power non-PoE devices
- Limited lifetime warranty

The 5-Port Gigabit PoE+ Switch, model TPE-TG50g, delivers data and power over existing Ethernet cables to Power over Ethernet (PoE) devices such as Access Points and IP Cameras. It supports both PoE (802.3af) and PoE+ (802.3at) devices with a 31 Watts PoE budget. Plug and Play this sturdy metal switch for reliable high speed PoE networking.

## Hardware



### PoE+

Supplies up to 30 Watts of PoE power per port with a 31 Watts PoE budget



### Ports

4 x Gigabit PoE+ ports and 1 x Gigabit port



### Switching Capacity

10 Gbps switching capacity



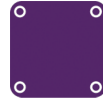
### Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 9 KB) for increased performance



### Energy Savings

Embedded GREENnet technology reduces power consumption by up to 70%\*



### Housing

Rugged metal enclosure



### LED Indicators

LED indicators convey port status

## Networking Solution



① Power

② Gigabit PoE+ ports

③ Gigabit port

## Specifications

### Standards

- 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

- 4 x Gigabit PoE/PoE+ ports
- 1 x Gigabit port
- 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: 96 KB
- Switch Fabric: 10 Gbps
- MAC Address Table: 1 K entries
- Forwarding rate: 7.44 Mpps (64-byte packet size)
- Jumbo Frame: 9 K

### Special Features

- GREENnet energy saving technology

### Power

- Input: 110-240 V AC, 50/60 Hz, 0.75 A
- Output: 48 V DC, 0.75 A
- Consumption: 36 Watts (Max.)

### PoE

- PoE budget: 31 Watts
- Pin 1,2 for power+ and pin 3,6 for power- (mode A)

### Operating Temperature

- 0 – 40 °C (32 - 104 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 141 x 95 x 30 mm (5.6 x 3.7 x 1.2 in.)

### Weight

- 370 g (13 oz.)

### Certifications

- CE
- FCC

### Warranty

- Limited lifetime warranty

### Package Contents

- TPE-TG50g
- Quick Installation Guide
- Power adapter

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.

