

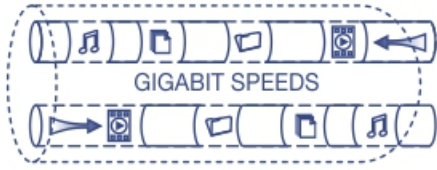


## 5-Port Gigabit PoE+ Switch

TPE-TG50g (v2.0R)

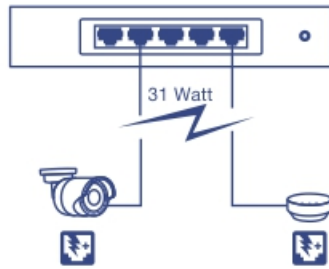
- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- 31W PoE power budget
- 10Gbps switching capacity
- Compact metal switch
- Limited Lifetime Warranty

TRENDnet's 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 and PoE+ devices with a 31W PoE power budget. Easily install this compact sturdy metal switch for reliable high-speed PoE networking.



### Gigabit Ethernet

Five gigabit ports provides a 10Gbps switching capacity to support edge network installations.



### PoE Power

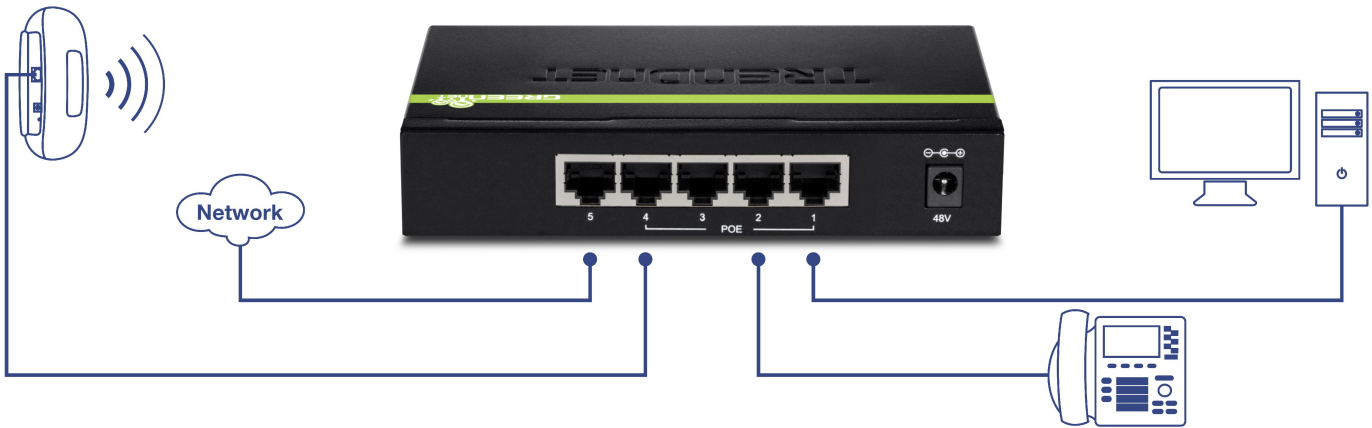
A 31W PoE power budget supplies up to four Power over Ethernet devices.



### Compact Design

With a compact and lightweight housing design, this switch is well-suited for desktop installations. Its fanless design is perfect for quiet environments that require silent operation.

## Networking Solution





### PoE

Supports both PoE (802.3af) and PoE+ (802.3at) devices with a 31W PoE power budget



### Ports

Four gigabit PoE+ ports and one gigabit port



### Switching Capacity

10Gbps switching capacity



### Jumbo Frame

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



### Energy Savings

Embedded GREENnet technology reduces power consumption



### Housing

Rugged metal housing



### 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

- 4 x Gigabit PoE/PoE+ ports
- 1 x Gigabit port
- LED indicators

### Data Transfer Rate

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

### Performance

- Packet Buffer: 128KB
- Switch Fabric: 10Gbps
- MAC Address Table: 8K entries
- Forwarding rate: 7.44Mpps (64-byte packet size)
- Jumbo Frame: 9K

### Power

- Input: 110-240V AC, 50/60Hz, 0.75A

- Output: 48V DC, 0.8A
- Consumption: Max. 34W

### 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

- 148 x 95 x 26mm (5.8 x 3.7 x 1 in.)

### Weight

- 366g (12.9 oz.)

### Certifications

- CE
- FCC

### Warranty

- Limited Lifetime Warranty\*

### Package Contents

- TPE-TG50g
- Quick Installation Guide
- Power adapter (48V DC, 0.8A)
- 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.