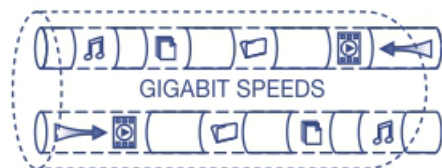# TRENDNET®

5-Port Gigabit PoE+ Switch
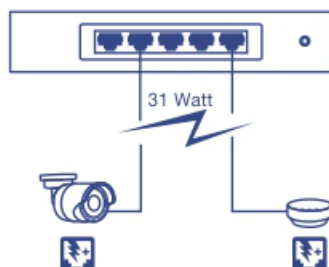
TPE-TG50g (v2.0R)

- 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.
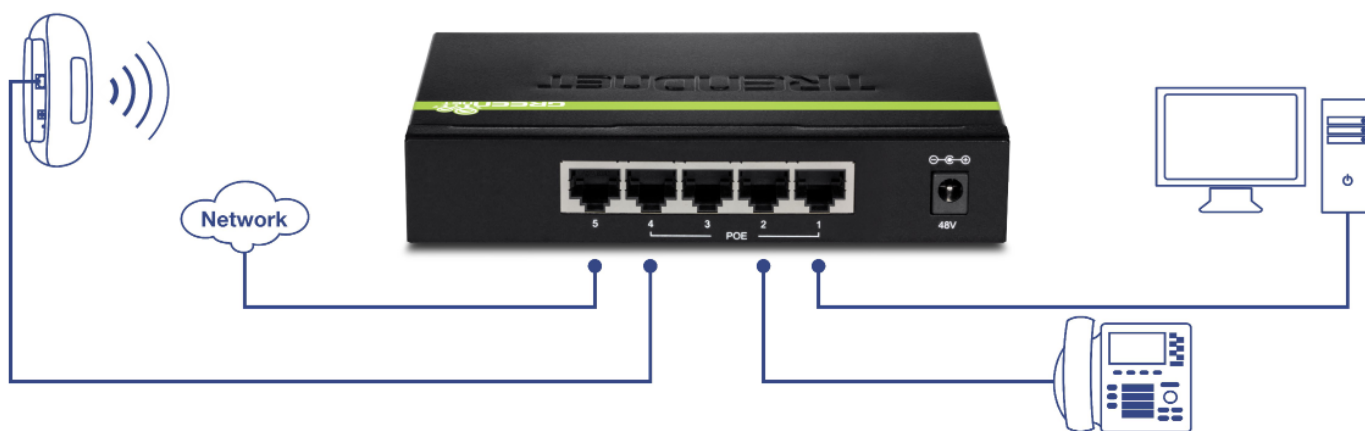
PoE Power

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

TRENDnet®

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

TRENDnet®

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.