

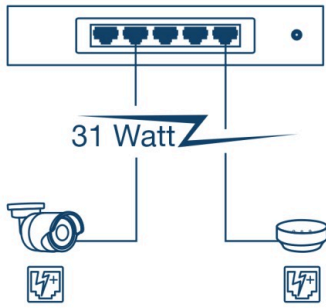


5-Port Gigabit PoE+ Switch

TPE-TG50g (v3.1R)

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



PoE Power

A 31W PoE power budget supplies up to four Power over Ethernet devices, such as access points and IP cameras.



Gigabit Ethernet

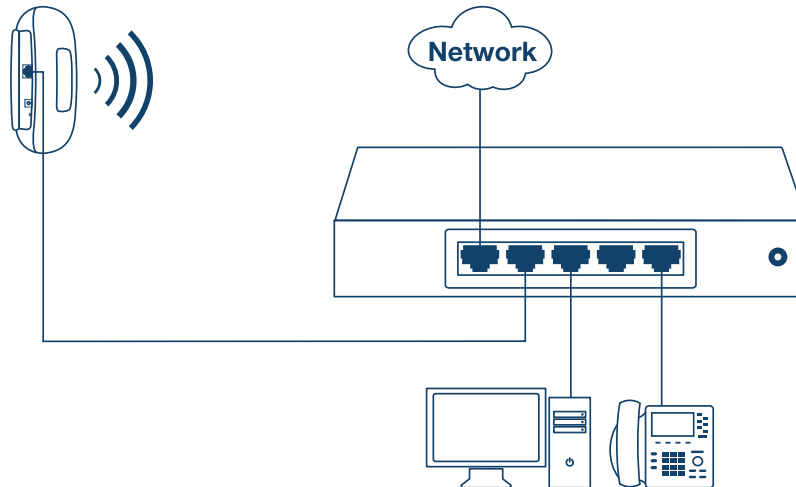
Five gigabit ports provide a 10Gbps switching capacity to support edge network installations.



Compact Design

The compact and lightweight housing is well-suited for desktop installations, and the fanless design is perfect for quiet environments.

NETWORKING SOLUTION



Compact metal switch



LED indicators



1 x Gigabit port 4 x Gigabit PoE+ ports Power

FEATURES



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



Fanless

Fanless design is ideal for quiet environments that require silent operation, and reduces energy consumption



Compact Design

With a compact and lightweight housing design, this switch is well-suited for desktop installations



Jumbo Frame

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



Energy Savings

Embedded GREENnet technology reduces power consumption



Housing

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

Performance

- Packet Buffer: 1Mb
- Switch Fabric: 10Gbps
- MAC Address Table: 2K entries
- Forwarding rate: 7.44Mpps (64-byte packet size)
- Jumbo Frame: 16K

Power

- Input: 110 -240 V AC, 50/60 Hz, 1.2A
- Output: 54V DC, 0.7A
- Max. consumption: 37.5W

PoE

- PoE budget: 31W
- PoE Mode A: Pins 1, 2, 3, and 6 for power

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

- 371g (13 oz.)

Certifications

- CE
- FCC

Warranty

- Lifetime Warranty

Package Contents

- TPE-TG50g
- Quick Installation Guide
- Power adapter (54V DC, 0.7A)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

TRENDnet offers a 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.