TRENDNET®

5-Port Gigabit PoE+ Switch

TPE-TG50g (v1.1R)

- 4 x Gigabit PoE+ ports and 1 x Gigabit port
- 31 Watt 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 Watt 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 Watt 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 8.9 KB) for increased performance
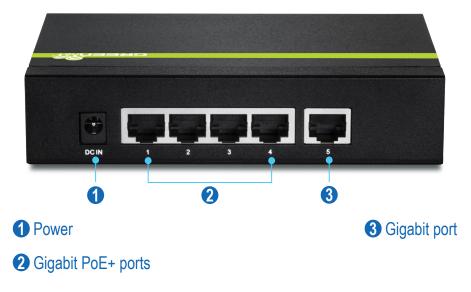
Energy Savings
Embedded GREENnet technology reduces power consumption by up to 70%*

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: 8.9 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.