

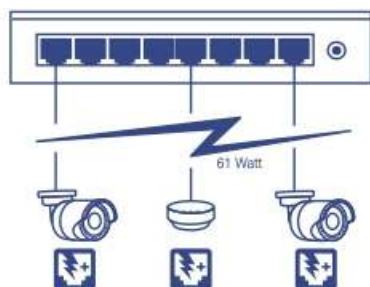


8-Port Gigabit PoE+ Switch

TPE-TG82g (v1.0R)

- 8 x Gigabit PoE+ ports
- 61W PoE budget
- 16Gbps switching capacity
- Sturdy metal switch
- Plug and Play installation
- Use with TRENDnet's PoE Splitter to network and power non-PoE devices

The 8-Port Gigabit PoE+ Switch, model TPE-TG82g, 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 61W PoE budget. Plug and Play this sturdy metal switch for reliable highspeed PoE networking.



PoE Power

A 61W PoE power budget supports up to eight Power over Ethernet devices.



Gigabit Ethernet

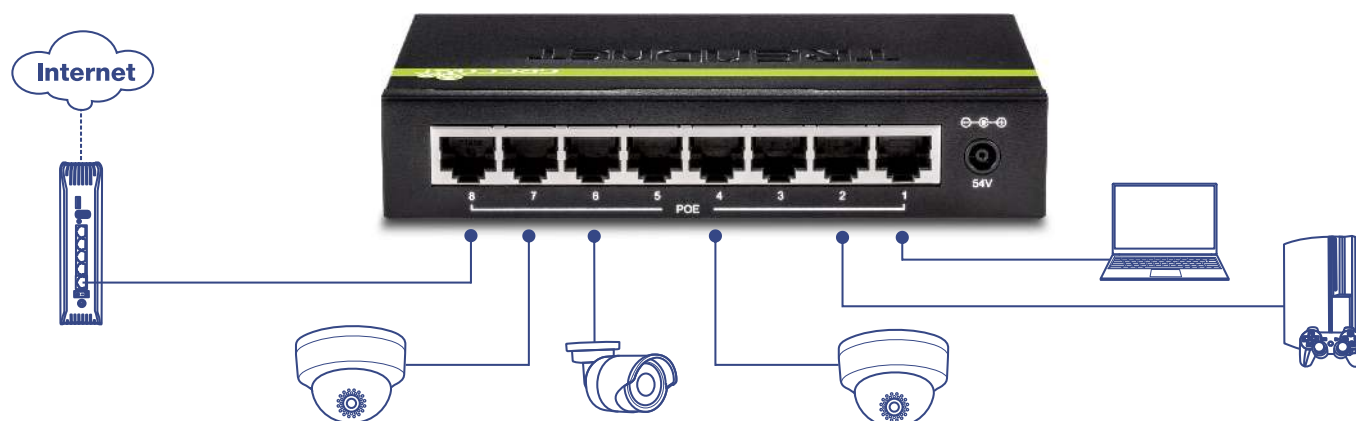
Eight gigabit ports provide a 16Gbps switching capacity to support edge network installations.



Compact Design

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

Networking Solution





PoE

Supplies up to 30W of PoE+ power per port with a total power budget of 61W. Supports both PoE (802.3af) and PoE+ (802.3at) devices.



Ports

Eight gigabit PoE+ ports



Switching Capacity

16Gbps 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

Sturdy 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
- IEEE 802.1p

Device Interface

- 8 x Gigabit PoE/PoE+ ports
- 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: 128KB
- Switch Fabric: 16Gbps
- MAC Address Table: 8K entries
- Forwarding rate: 11.9Mpps (64-byte packet size)
- Jumbo Frame: 9K

Power

- Input: 110-240V AC, 50/60 Hz 1.2A

- Output: 54 V DC, 1.67 A
- Consumption: 36 Watts (Max.)

PoE

- PoE budget: 61W
- Pin 3,6 for power+ and pin 1,2 for power- (mode B)

Operating Temperature

- 0 – 40 °C (32 - 104 °F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 150 x 95 x 30 mm (5.9 x 3.7 x 1.2 in.)

Weight

- 400 g (14 oz.)

Certifications

- CE
- FCC

Warranty

- Limited Lifetime Warranty*

Package Contents

- TPE-TG82g
- Quick Installation Guide
- Power Brick (54V DC, 1.67A)
- 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.