

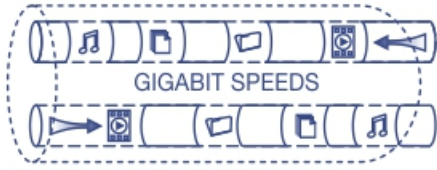


8-Port Gigabit PoE+ Switch

TPE-TG44g (v3.0R)

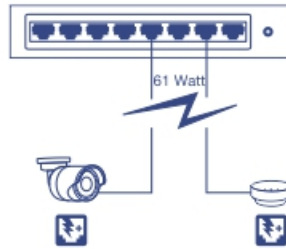
- 4 x Gigabit PoE / PoE+ ports (up to 30 Watts per PoE+ port)
- 4 x Gigabit ports
- 61.6W PoE power budget
- Reduces equipment cost by delivering data and power over existing network cables
- 16Gbps switching capacity
- Sturdy metal housing
- GREENnet power savings
- Limited Lifetime Warranty

TRENDnet's 8-Port Gigabit PoE+ Switch, model TPE-TG44g, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. This unmanaged switch offers four Gigabit PoE+ and four Gigabit non-PoE ports. The PoE+ standard supplies up to 30W of power per port for devices such as high power wireless access points, PTZ (Pan Tilt Zoom) Internet cameras, and VoIP telephony systems. Auto sensing technology delivers 30W to 802.3at PoE+ devices, 15.4W to 802.3af PoE devices, and only data to non-PoE devices. GREENnet technology reduces energy consumption when the switch is not in use. Boost office efficiency and reduce network congestion with a total switching capacity of 16Gbps. LED indicators display device status for efficient troubleshooting. This switch comes in a sturdy metal case and quickly adds PoE+, PoE, and non-PoE devices to your network.



Gigabit Ethernet

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



PoE Power

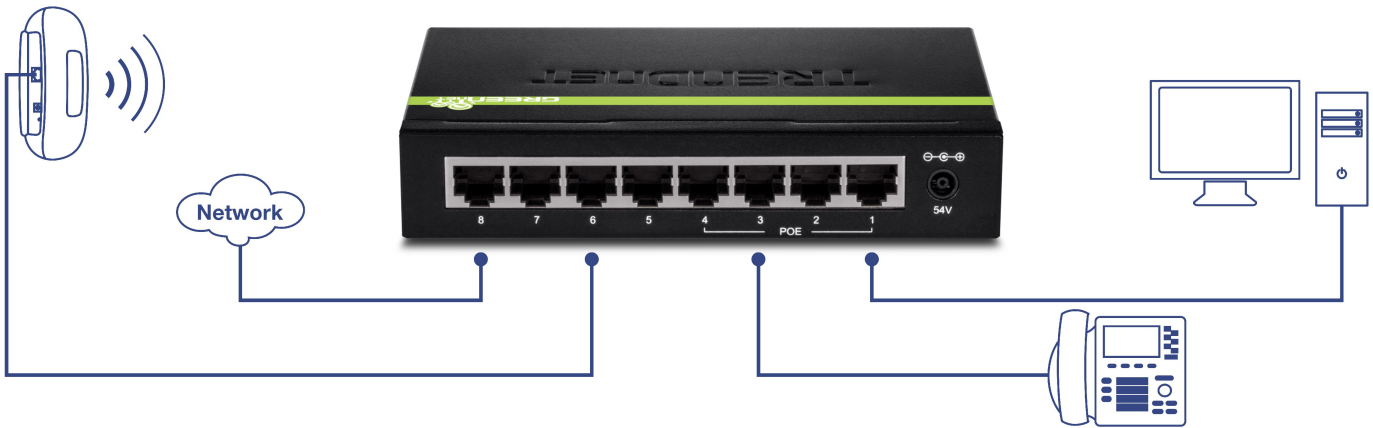
A 61.6W PoE power budget supports up to four Power over Ethernet devices.



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

Supplies up to 30W of PoE+ power per PoE port with a 61.6W power budget



Ports

Four gigabit PoE+ ports and four gigabit ports



Switching Capacity

16Gbps switching capacity



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
- IEEE 802.1p

Device Interface

- 4 x Gigabit PoE/PoE+ ports
- 4 x Gigabit 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, 54V/1.67A

- Output: 54VDC, 1.67A
- Consumption: Max. 65.22W

PoE

- PoE budget: 61W
- 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 1in.)

Weight

- 387g (13.65oz.)

Certifications

- CE
- FCC

Warranty

- Lifetime warranty

Package Contents

- TPE-TG44g
- Quick Installation Guide
- Power Brick (54VDC, 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.