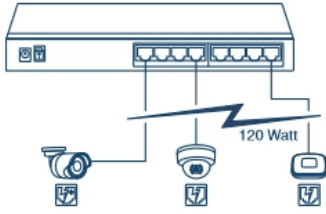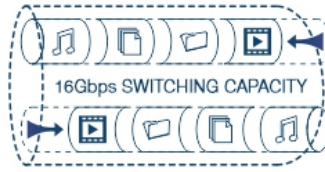# TRENDNET®

8-Port Gigabit PoE+ Switch

TPE-TG84 (v1.0R)

- 8 x Gigabit PoE+ ports
- 120W PoE power budget
- 16Gbps switching capacity
- IEEE 802.1p QoS and DSCP pass-through support
- Compact fanless design
- Wall-mountable metal housing

TRENDnet's 8-Port Gigabit PoE+ Switch, model TPE-TG84, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. With PoE technology, users only need one set of cables to deliver both data and power. This compact network switch provides eight gigabit PoE+ ports with a total PoE power budget of 120W. The TPE-TG84 PoE+ switch allows you to network PoE devices, such as wireless access points, IP cameras, VoIP phones, IP video encoders, access controls, and more. It features a fanless design, and has a convenient option for wall mounting.
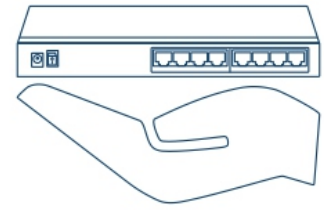
TRENDnet®

PoE+
A 120W PoE power budget supports up to eight Power over Ethernet devices.
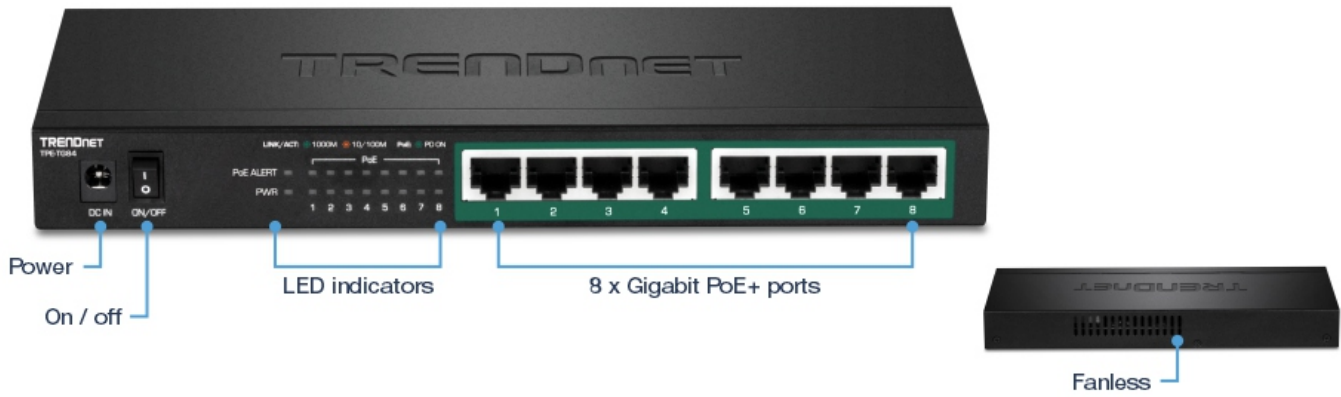

16Gbps SWITCHING CAPACITY

Gigabit Ports
Eight gigabit PoE+ ports provide a 16Gbps switching capacity to support edge network installations.

Compact Design
Compact, lightweight, and fanless, this switch is designed for desktops and quiet environments.

Power

On / off

LED indicators

8 x Gigabit PoE+ ports

Fanless

TRENDNET

FEATURES

PoE+
Supplies up to 30 watts of PoE power per port with a 120W power budget

Gigabit Ports
8 x Gigabit PoE+ Ethernet ports

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

Switching Capacity
16Gbps switching capacity

Jumbo Frame
Sends Jumbo Frames (up to 9KB) for increased performance

Fanless
Fanless design is ideal for quiet environments that require silent operation

LED Indicators
LED indicators convey port status

SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3x
- IEEE 802.3p
- IEEE 802.3af
- IEEE 802.3at

Device Interface
- 8 x Gigabit PoE+ ports
- LED indicators

Data Transfer Rate
- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Gigabit Ethernet: 2000Mbps (full duplex)

Performance
- Switch Fabric: 16Gbps
- RAM Buffer: 192KB
- MAC Address Table: 4K entries
- Jumbo Frames: 9KB
- Forwarding rate: 11.9Mpps (64-byte packet size)

Special Features
- 802.1p Class of Service (CoS)
- Wall mountable

Power
- Input: 100 – 240 V AC, 50/60Hz, 2.5A
- Output: 55V DC, 2.55A external power adapter
- Max. consumption: 126W

PoE
- PoE budget: 120W
- PoE Mode A: Pins 1,2 for power and pins 3,6 for power

Operating Temperature
- 0° – 40° C (32° – 104° F)

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 240 x 105 x 27mm (9.45 x 4.13 x 1.1 in.)

Weight
- 580g (20.45 oz.)

Certifications
- CE
- FCC
- LVD

Warranty
- 3 year

Package Contents
- TPE-TG84
- Quick Installation Guide
- Power adapter (55V DC, 2.55A)

Updated: 11/17/2021