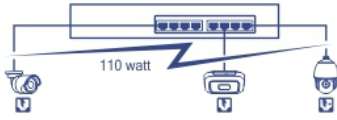


8-Port Gigabit GREENnet PoE+ Switch

TPE-TG81g (v2.xR)

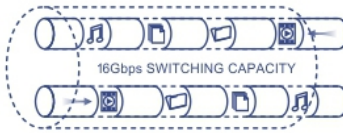
- 8 x Gigabit PoE+ ports
- Internal power supply
- Up to 30W per port with 110W total power budget
- Reduces equipment cost by delivering data and power over existing network cables
- Fanless design for silent operation
- 16Gbps switching capacity
- Sturdy rack mountable metal housing
- Use with TRENDnet's PoE splitter to network and power non-PoE devices
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 8-Port Gigabit GREENnet PoE+ Switch, model TPE-TG81g, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. This unmanaged switch offers eight Gigabit PoE+ ports which supply up to 30W of power per port for devices such as high power wireless access points, IP Cameras, and VoIP telephony systems. It supports both PoE (802.3af) and PoE+ (802.3at) devices with a 110W PoE budget. This rack mountable switch features a fanless design that eliminates operating noise and lowers energy consumption.



PoE Power

A 110W PoE power budget supplies up to eight Power over Ethernet devices.



Gigabit Ethernet

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



Fanless

Fanless design lowers energy consumption and eliminates operating noise.

FEATURES



PoE+

Supplies up to 30W of PoE+ power per port with a total power budget of 110W



Ports

Eight gigabit PoE+ ports



Switching Capacity

16Gbps switching capacity



Jumbo Frame

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



Housing Design

Sturdy rack mountable metal housing with included mounting kit



Fanless

Fanless design lowers energy consumption and eliminates operating noise



Energy Savings

Embedded GREENnet technology reduces power consumption



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 802.1Q

Device Interface

- 8 x Gigabit PoE/PoE+ ports
- LED indicators

Data Transfer Rate

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

Performance

- Packet Buffer: 192KB
- Switch Fabric: 16Gbps
- MAC Address Table: 4K entries
- Forwarding Rate: 11.9Mpps (64-byte packet size)
- Jumbo Frame: 9K

Power

- Input: 110-240V AC, 50/60 Hz, internal power supply
- Max. Consumption: 130W

PoE

- PoE budget: 110W
- Pin 1, 2 for power+ and pin 3, 6 for power- (mode A)

Fan/Acoustics

- Fanless design

Operating Temperature

- 0° – 40° C (32° - 104° F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 265 x 183 x 44mm (10.4 x 7.2 x 1.7 in.)

Weight

- 1.54kg (3.38 lbs.)

Certifications

- CE
- FCC
- ETL

Warranty

- Lifetime Warranty

Package Contents

- TPE-TG81g
- Quick Installation Guide
- Rackmount kit
- Power cord

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.