

## 8-Port Gigabit PoE+ Switch

## TPE-TG80g (v3.4R)

- $8 \times$ Gigabit PoE+ ports
- 123W PoE power budget
- 16 Gbps switching capacity
- Sturdy metal switch
- Plug and Play installation
- Limited Lifetime Warranty

TRENDnet's 8-Port Gigabit PoE+ Switch, model TPE-TG80g, offers 8 x Gigabit PoE+ ports (30 Watts/port), a 16Gbps switching capacity, and a PoE power budget of 123 Watts. Plug and Play this sturdy metal switch for reliable high speed PoE networking.


PoE Camera Flexibility
Recognizes non-PoE, PoE (15.4W), and PoE+ (30W) cameras (or other PoE devices) and supplies the required power automatically.


Durable Install
This compact switch has a small footprint and the rugged metal housing improves product durability.


## Fanless Design

Fanless design reduces energy consumption and operating noise, thereby supporting workstation/workgroup installations.

## Networking Solution



PoE+
Supplies up to 30 Watts of PoE power per port with a 123 Watt power budget

Ports
$8 \times$ Gigabit PoE+ Ethernet ports
$\because-$
Switching Capacity
16Gbps switching capacity


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

Energy Savings
Embedded GREENnet technology reduces power consumption

Housing
Rugged metal enclosure

## Specifications

| Standards | - IEEE 802.1p <br> - IEEE 802.3 <br> - IEEE 802.3u <br> - IEEE 802.3x <br> - IEEE 802.3ab <br> - IEEE 802.3af <br> - IEEE 802.3at <br> - IEEE 802.3az |
| :---: | :---: |
| Device Interface | - $8 \times$ Gigabit PoE/PoE+ ports <br> - LED indicators |
| Data Transfer Rate | - Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex) <br> - Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex) <br> - Gigabit: 2000 Mbps (full duplex) |
| Performance | - Data RAM Buffer: 128 KB <br> - Switch Fabric: 16Gbps <br> - MAC Address Table: 4K entries <br> - Forwarding rate: 11.9 Mpps (64-byte packet size) <br> - Jumbo Frame: 9K |
| Special Features | - GREENnet energy saving technology |
| Power | - Input: 100-240 V AC, $50 / 60 \mathrm{~Hz}, 1.9 \mathrm{~A}$ <br> - Output: 54V DC, 2.77A <br> - Max. consumption: 5.3W |


| PoE | $\cdot$ PoE budget: 123 W |
| :--- | :--- |
| $\cdot$ | Pin 1,2 for power+ and pin 3,6 for power- (mode A) |$|$| Operating <br> Temperature | $\cdot 0-45^{\circ} \mathrm{C}\left(32-113^{\circ} \mathrm{F}\right)$ |
| :--- | :--- |
| Operating <br> Humidity | $\cdot$ Max. $90 \%$ non-condensing |
| Dimensions | $\cdot 150 \times 96 \times 28 \mathrm{~mm}(5.9 \times 3.8 \times 1.1$ in. $)$ |
| Weight | $\cdot 400 \mathrm{~g}(14 \mathrm{oz})$. |
| Certifications | $\cdot$ CE |
| - FCC |  |
| Warranty | $\cdot$ Lifetime Warranty* |

## PACKAGE CONTENTS

- TPE-TG80g
- Quick Installation Guide
- Power adapter (54 V DC, 2.77 A )

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.

