



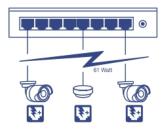
# 8-Port Gigabit PoE+ Switch

## TPE-TG82g (v2.0R)

- 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
- NDAA / TAA compliant (U.S. and Canada only)

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 high-speed 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**





## **FEATURES**



### 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**

Packet Buffer: 1.5MbitsSwitch Fabric: 16Gbps

MAC Address Table: 4K entries

Forwarding rate: 11.9Mpps (64-byte packet size)

· Jumbo Frame: 9K

#### Power

- Input: 100-240V AC, 50/60 Hz 1.2A
- Output: 54 V DC, 1.67 A
- Max. consumption: 5.3W (no PD connected)

#### PoE

- PoE budget: 61W
- PoE Mode A: Pins 1, 2, 3, and 6 for power

#### **MTBF**

• 612, 220 hours

#### **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

· 3 year warranty

### **Package Contents**

- TPE-TG82a
- Quick Installation Guide
- Power Brick (54V DC, 1.67A)
- 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.