



## 8-Port Gigabit GREENnet Switch TEG-S82g (v2.1R)

- Plug and Play installation
- 8 x Gigabit ports
- 16 Gbps switching fabric
- Up to 70% energy savings with GREENnet technology\*
- Sturdy metal switch
- Limited lifetime warranty

TRENDnet's 8-Port Gigabit GREENnet Switch provides performance, proven reliability, and power savings of up to 70%\*. Eliminate network congestion with Gigabit speeds and total switching capacity of 16 Gbps. Plug and Play this sturdy metal switch for reliable high speed network connectivity.

## Hardware



### Plug and Play

Simply power up the switch and plug in connected devices



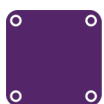
### Ports

8 x Gigabit ports



### Switching Capacity

16 Gbps switching capacity



### Metal Enclosure

Rugged and reliable metal enclosed switch



### LED Indicators

LED indicators convey port status



### Jumbo Frame

Sends larger packets, or Jumbo Frames, for increased performance



### Energy Savings

Embedded GREENnet technology reduces power consumption by up to 70%\*

## Networking Solution



①

① LED indicators

② Gigabit ports



②

③

③ Power port

## Specifications

### Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3az

### Device Interface

- 8 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: 256 KB

- Switch Fabric: 16 Gbps
- MAC Address Table: 8 K entries
- Forwarding rate: 11.9 Mpps (64-byte packet size)
- Jumbo frame: 9 KB

### Special Features

- GREENnet energy saving technology
- Metal enclosure

### Power

- Input: 90 - 260 V AC, 50/60 Hz, 0.2 A
- Output: 5 V DC, 1 A
- Consumption: 3.5 Watts (max.)

### Operating Temperature

- 0 – 40 °C (32 - 104 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 150 x 97 x 28 mm (5.9 x 3.8 x 1.1 in.)

### Weight

- 364 g (12.8 oz.)

### Certifications

- CE
- FCC

### Warranty

- Limited lifetime warranty

### Package Contents

- TEG-S82g
- Quick Installation Guide
- Power adapter (5 V DC, 1 A)

\* Max power savings compared with standard TRENDnet switches.

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.