



8-Port Gigabit GREENnet Switch TEG-S82g (v2.0R)

- 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 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.

