TRENDnet®

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

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 LED indicators

② Gigabit ports

③ Power port

TRENDNET®

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

- 3 year limited

Package Contents

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

* Max power savings compared with standard TRENDnet switches.

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