



## 16-Port Gigabit GREENnet Switch

TEG-S16D (v1.0R)

- 16 x Gigabit ports
- Quality of Service traffic prioritization pass-through support (802.1p QoS)
- 32 Gbps switching fabric
- Jumbo Frame support
- Fanless design
- GREENnet energy saving technology

TRENDnet's 16-Port Gigabit GREENnet Switch, model TEG-S16D, provides performance, proven reliability, and reduced power consumption. Embedded energy saving GREENnet technology works right out of the box with no management required. This fanless unmanaged desktop switch offers a total switching capacity of 32 Gbps and 802.1p Quality of Service traffic prioritization pass-through support.



### Gigabit Networking

Sixteen Gigabit ports produce a 32 Gbps switching capacity and support Jumbo Frames up to 9 KB.



### GREENnet Energy Savings

GREENnet technology saves energy by powering down unused ports and improving the efficiency of used ports.



### QoS Prioritization

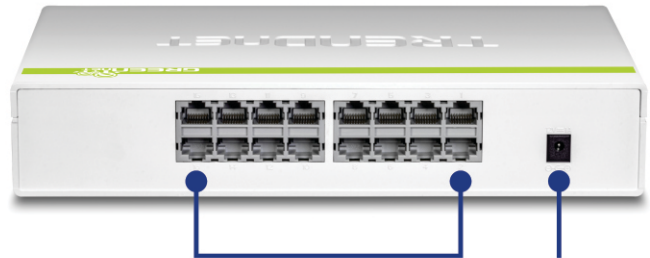
MAC level IEEE 802.1p Quality of Service (QoS) traffic prioritization pass-through support.

## Networking Solution



①

① LED Indicators



②

② Gigabit ports

③

③ Power port



### Plug and Play

Simply power up the switch and plug in connected devices



### Ports

16 x Gigabit Ethernet ports



### Switching Capacity

32 Gbps switching capacity



### QoS Prioritization

MAC level IEEE 802.1p Quality of Service (QoS) traffic prioritization pass-through support



### Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 9 KB), for increased performance



### LED Indicators

LED indicators convey port status



### Fanless

Fanless design lowers energy consumption and eliminates operating noise



### Energy Savings

Embedded GREENnet technology reduces power consumption

## Specifications

### Standards

- IEEE 802.1p
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3az

### Device Interface

- 16 x Gigabit ports
- LED indicators
- Power port

### Data Transfer Rate

- Ethernet: 10 Mbps (half duplex), 20 Mbps (full duplex)
- Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex)
- Gigabit Ethernet: 2000 Mbps (full duplex)

### Performance

- Switch fabric: 32 Gbps
- Ram buffer: 2 MB
- MAC Address Table: 8K entries
- Jumbo Frames: 9 KB

### Special Feature

- Supporting 802.1p QoS packet prioritization
- Up to 40% GREENnet energy savings

### Power

- Input: 100 - 240 V AC, 50/60 Hz, 0.3 A
- Output: 12 V DC, 1 A
- Consumption: 7 Watts (Max)

### MTBF

- 2,771,342 hours

### Operating Temperature

- 0 – 40 °C (32 - 104 °F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 251 x 158 x 48 mm (9.9 x 6.2 x 1.9 in.)

### Weight

- 642 g (22.7 oz.)

### Certifications

- CE
- FCC

### Warranty

- 3 year limited

### Package Contents

- TEG-S16D
- Quick Installation Guide
- Power adapter (12 V DC, 1 A)

