



## 24-Port Gigabit GREENnet Switch

### TEG-S24D (v1.0R)

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

TRENDnet's 24-Port Gigabit GREENnet Switch, model TEG-S24D, 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 48 Gbps and 802.1p Quality of Service traffic prioritization pass-through support.



### Gigabit Networking

Twenty four Gigabit ports produce a 48 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.



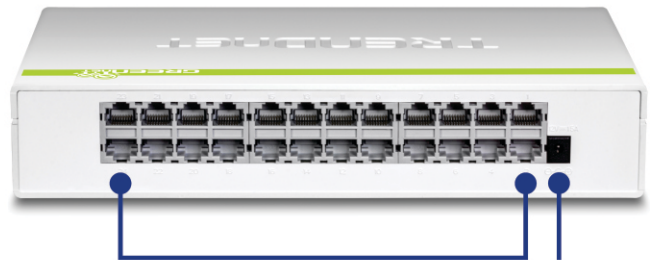
### QoS Prioritization

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

## Networking Solution



1 LED Indicators



2 Gigabit ports



3 Power port



### Plug and Play

Simply power up the switch and plug in connected devices



### Ports

24 x Gigabit Ethernet ports



### Switching Capacity

48 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

- 24 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: 48 Gbps
- Ram buffer: 4 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, 0.8 A
- Output: 12 V DC, 1.5 A
- Consumption: 12 Watts (Max)

### MTBF

- 2,344,449 hours

### Temperature

- Operating: 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

- 1.6 kg (3.5 lb.)

### Certifications

- CE
- FCC

### Warranty

- 3 year limited

### Package Contents

- TEG-S24D
- Quick Installation Guide
- Power adapter (12 V DC, 1.5 A)

