TRENDNET®

24-Port Gigabit GREENnet Switch
TEG-S24Dg (v2.0R)

• 24 Gigabit ports
• 48 Gbps switching fabric
• Jumbo Frame support
• Sturdy metal switch
• Up to 70% GREENnet energy savings*
• Limited lifetime warranty

The 24-Port Gigabit GREENnet Switch, model TEG-S24Dg, provides Gigabit performance, proven reliability, and reduced power consumption by up to 70%*. Embedded energy saving GREENnet technology works right out of the box with no management requirement. This compact metal switch offers a total switching capacity of 48 Gbps.

TRENDnet®

Plug and Play
Simply power up the switch and plug in connected devices

Ports
24 x Gigabit ports

Switching Capacity
48 Gbps switching capacity

Metal Enclosure
Rugged and reliable compact (11" wide) metal switch

LED Indicators
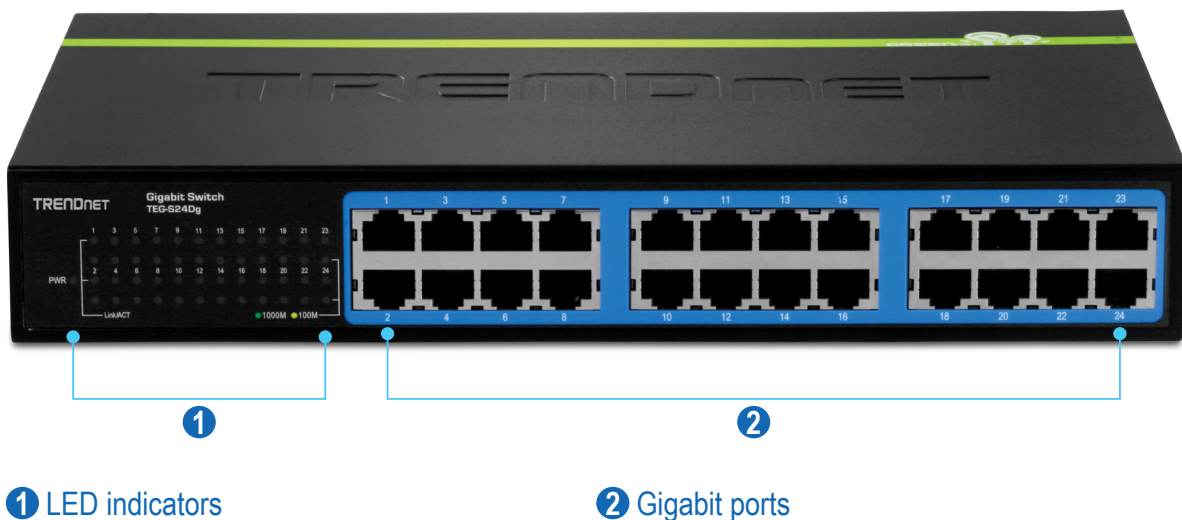LED indicators convey port status

Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 10 KB), for increased performance

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

Networking Solution

❶ LED indicators   **❷** Gigabit ports

Specifications

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

Device Interface
- 24 x Gigabit Ports
- LED indicators
- On/off switch

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: 0.5 MB
- Switch Fabric: 48 Gbps
- MAC Address Table: 8 K entries
- Forwarding rate: 35.7 Mpps (64 -byte packet size)
- Jumbo Frame: 10 KB

Special Features
- GREENnet energy saving technology
- Metal enclosure

Power
- Internal power supply: 100 - 240 V AC, 50/60 Hz, 0.2 A
- Consumption: 13 Watts (max.)

Operating Temperature
- 0 – 40 °C (32 - 104 °F)

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 280 x 180 x 44 mm (11 x 7 x 1.7 in.)

Weight
- 1.7 kg (3.8 lbs.)

Certifications
- CE
- FCC

Warranty
- Limited lifetime warranty

Package Contents
- TEG-S24Dg
- Quick Installation Guide
- Power cord

* 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