

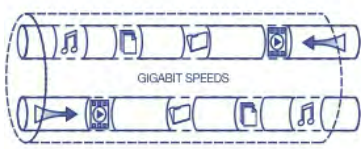


## 16-Port Gigabit GREENnet Desktop Switch

TEG-S16Dg (v2.1R)

- GREENnet technology reduces power consumption by up to 70%\*
- 16 x Gigabit RJ-45 ports
- Sturdy metal desktop switch with built-in power supply
- 32 Gbps forwarding capacity
- Lifetime Warranty

The 16-Port Gigabit GREENnet Desktop Switch, model TEG-S16Dg, provides high bandwidth performance, ease of use, and reliability, all while reducing power consumption by up to 70%\*. GREENnet technology automatically adjusts power consumption as needed, resulting in substantial energy savings. Embedded GREENnet technology works right out of the box with no management requirement.



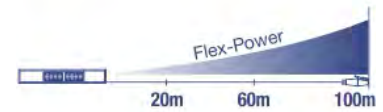
### Gigabit Speeds

16 gigabit ports provide high-speed network connections to devices and a 32 Gbps switching capacity allows data traffic to flow smoothly, reducing traffic bottlenecks.



### Desktop Design

With a compact and sturdy metal housing design this switch is well-suited for desktop installations. Its fanless design is perfect for quiet environments that require silent operation.



### Energy Savings

Embedded GREENnet technology provides cost savings and reduces power consumption by up to 70%, by limiting port power consumption during periods of low link utilization.

## NETWORKING SOLUTION



## FEATURES



### 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



### Jumbo Frame

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



### Fanless

Fanless design lowers energy consumption and eliminates operating noise



### LED Indicators

LEDs convey power, link and activity



### Internal Power Supply

100~240 VAC, 50/60 Hz internal universal switching power supply



### Optional Rack Mount (sold separately)

Rack mountable with ETH-11MK rack mount brackets

## SPECIFICATIONS

### Standards

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- IEEE 802.3ab 1000Base-T
- IEEE 802.3x Flow Control
- IEEE 802.3az Energy Efficient Ethernet

### Network Media

- Ethernet: Cat. 5 up to 100 m
- Fast Ethernet: Cat. 5 and 5e up to 100 m
- Gigabit Ethernet: Cat. 5e and 6 up to 100 m

### Data Rate

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

### Protocol / Topology

- CSMA / CD, Star

### Power Consumption

- 10.1 Watts (max.)

### Switch Fabric

- 32 Gbps

### Interface

- 16 x 10/100/1000 Mbps Auto-MDIX RJ-45 ports

### Data RAM Buffer

- 512 KB
- 8 K entries

### Jumbo Frame Support

- Up to 10 KB

### Diagnostic LED

- Power, 10/100 Mbps Link / ACT, 1000 Mbps Link / ACT

### Power

- 100~240 VAC, 50/60 Hz Internal universal switching power

### Dimension

- 280 x 125.8 x 44 mm (11 x 5 x 1.7 in.)

### Weight

- 1.1 kg (2.4 lbs.)

### Temperature

- Operating: 0° ~ 40° C (32° ~ 104° F)
- Storage: -10° ~ 70° C (14° ~ 158° F)

### Humidity

- Max. 90% (non-condensing)

### Certifications

- CE, FCC

### Warranty

- Lifetime Warranty

### Package Contents

- TEG-S16Dg
- Quick Installation Guide
- Power cord (1.8 m / 6 ft.)

TRENDnet offers a 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.

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.