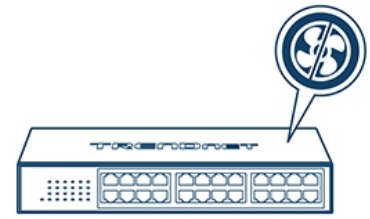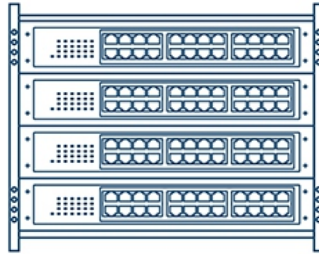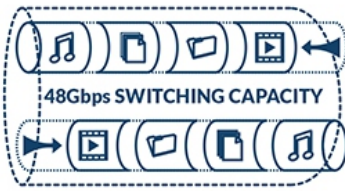# 24-Port Gigabit Desktop Switch

TEG-S25D (v1.0R)

- 24 x Gigabit RJ-45 ports
- Sturdy metal desktop switch
- Built-in power supply
- 48Gbps forwarding capacity
- Fanless design
- 1U rackmount brackets included

The 24-Port Gigabit Desktop Switch, model TEG-S25D, provides high bandwidth performance, ease of use, and reliability. Boost office network efficiency and eliminate network congestion with gigabit speeds and a total switching capacity of 48Gbps with full-duplex mode. A built-in universal power supply reduces cable clutter and diagnostic LEDs help with network troubleshooting. Plug and play this sturdy metal switch for reliable high-speed network connectivity.

TRENDnet®

48Gbps SWITCHING CAPACITY

Gigabit Speeds
Gigabit ports provide high-speed network connections to 24 devices, and a 48Gbps switching capacity allows data traffic to flow smoothly, reducing traffic bottlenecks.

Housing Design
With a compact and sturdy metal housing design, this switch is well-suited for desktop or rackmount installations (brackets included).

Fanless
Fanless design lowers energy consumption and reduces distracting operating noise.

NETWORKING SOLUTION

Wireless Access Point

PoE+ Injector

Network

PoE+ Injector

TEG-S25D

Gigabit Switch
TEG-S25D

PWR

LNK/ACT • 10/100/1000 LNK • ACT

LED indicators

24x Gigabit ports

AC LINE
100-240 VAC
50/60 Hz

Power

FEATURES

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

Ports
24 x Gigabit Ethernet ports

Switching Capacity
48Gbps switching capacity

Housing Design
With a compact and sturdy metal housing design, this switch is well-suited for desktop or rackmount installations (brackets included).

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

Fanless
Fanless design lowers energy consumption and eliminates operating noise

LED Indicators
LEDs convey power, link and activity

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

SPECIFICATIONS

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

Device Interface
- 24x Gigabit ports
- LED indicators

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

Performance
- Switching Capacity: 48Gbps
- RAM Buffer: 512KB
- MAC Address Table: 8K entries
- Forwarding Rate: 35.71Mpps (64-byte packet size)
- Jumbo Frames: 9KB

Special Features
- Rack Mountable

Power
- Internal power supply: 100 – 240V AC, 50/60 Hz, 1A
- Max. Consumption: 14.24W

Fan/Acoustics
- Fanless design

MTBF
- 364,460 hours

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

Operating Humidity
- Max. 90% non-condensing

Dimensions (L x W x H)
- 267 x 162 x 42mm (10.51 x 6.38 x 1.65 in.)

Weight
- 1.3kg (2.93 lbs.)

Certifications
- FCC
- CE
- ETL

Warranty
- 3 year

Package Contents
- TEG-S25D
- Quick Installation Guide
- Rack Mount Kit
- Power Cord (1.5m / 4.9 ft.)

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.

Updated: 3/31/2022