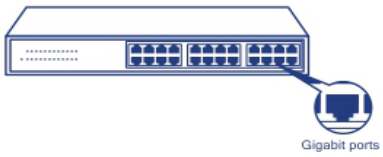
24-Port Gigabit GREENnet Desktop Switch

TEG-S24Dg (v3.0R)

- GREENnet technology reduces power consumption by up to 70%*
- 24 x Gigabit RJ-45 ports
- Sturdy metal desktop switch with built-in power supply
- 48Gbps forwarding capacity
- Limited Lifetime Warranty

The 24-Port Gigabit GREENnet Desktop Switch, model TEG-S24Dg, 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.

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.

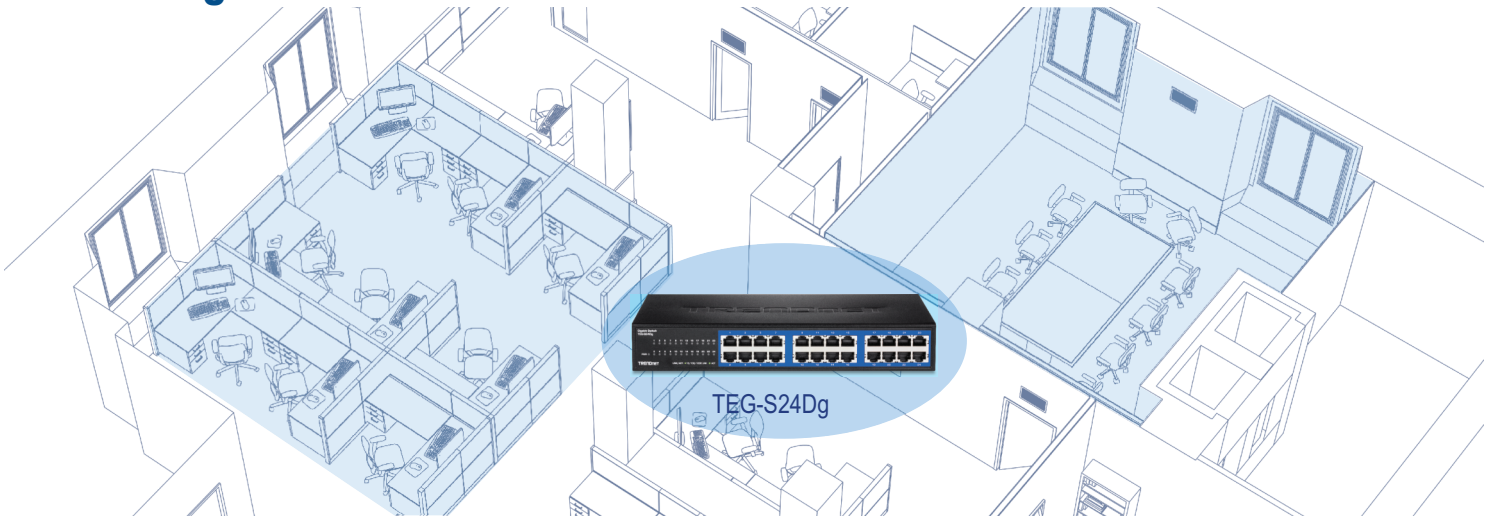


Gigabit Speeds
Twenty-four gigabit ports provide high-speed network connections to devices and a 48Gbps switching capacity allows data traffic to flow smoothly, reducing traffic bottlenecks.

Jumbo Frame
Jumbo frames enables the transmission of larger Ethernet frames (up to 10KB) for increased performance.

Fanless
Fanless design lowers energy consumption and eliminates operating noise for quiet environments.

Networking Solution



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

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

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

Ports
24 x Gigabit Ethernet ports

Fanless
Fanless design lowers energy consumption and eliminates operating noise

Optional Rack Mount (sold separately)
Rack mountable with ETH-11MK rack mount brackets

Switching Capacity
48Gbps switching capacity

LED Indicators
LEDs convey power, link and activity

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
Data Transfer Rate	• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex) • Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex) • Gigabit: 2000Mbps (full duplex)
Performance	• Data RAM Buffer: 0.5MB • Switch Fabric: 48Gbps • MAC Address Table: 8K entries • Forwarding rate: 35.7Mpps (64-byte packet size) • Jumbo Frame: 10KB
Special Features	• GREENnet energy saving technology • Metal enclosure
Power	• Internal power supply: 100-240V AC, 50/60Hz, 0.6A • Max. consumption: 13W

Operating Temperature	• 0 – 40° C (32 - 104° F)
Operating Humidity	• Max. 90 % non-condensing
Dimensions	• 280 x 180 x 44mm (11 x 7 x 1.7 in.)
Weight	• 1.7kg (3.8 lb.)
Certifications	• CE • FCC • CB • UL / CUL
Warranty	• 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.

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