



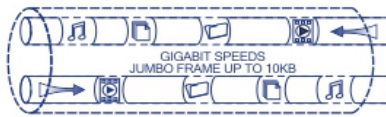
## 24-Port Gigabit GREENnet Switch

TEG-S24g (v3.0R)

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

The 24-Port Gigabit GREENnet Switch, model TEG-S24g, 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 devices



### Switching Capacity

48Gbps switching capacity



### Fanless

Fanless design lowers energy consumption and eliminates operating noise



### Hardware Design

Provides 24 gigabit ports and includes rackmount brackets.



### Jumbo Frame

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



### LED Indicators

LEDs convey power, link and activity

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3</li> <li>• IEEE 802.3u</li> <li>• IEEE 802.3x</li> <li>• IEEE 802.3ab</li> <li>• IEEE 802.3az</li> </ul>
<b>Device Interface</b>	<ul style="list-style-type: none"> <li>• 24 x Gigabit Ports</li> <li>• LED indicators</li> </ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)</li> <li>• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)</li> <li>• Gigabit: 2000Mbps (full duplex)</li> </ul>
<b>Performance</b>	<ul style="list-style-type: none"> <li>• Data RAM Buffer: 0.5MB</li> <li>• Switch Fabric: 48Gbps</li> <li>• MAC Address Table: 8K entries</li> <li>• Forwarding rate: 35.7Mpps (64-byte packet size)</li> <li>• Jumbo Frame: 10KB</li> </ul>
<b>Special Features</b>	<ul style="list-style-type: none"> <li>• GREENnet energy saving technology</li> <li>• Fanless</li> <li>• Rack mountable</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• Internal power supply: 100-240V AC, 50/60Hz, 0.6A</li> <li>• Max. consumption: 13W</li> </ul>

<b>Operating Temperature</b>	• 0 – 40° C (32 - 104° F)
<b>Operating Humidity</b>	• Max. 90 % non-condensing
<b>Dimensions</b>	• 440 x 210 x 44mm (17 x 8.3 x 1.8 in.)
<b>Weight</b>	• 2.3 kg (5 lbs.)
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> <li>• CB</li> <li>• UL / CUL</li> </ul>
<b>Warranty</b>	• Lifetime Warranty

### PACKAGE CONTENTS

- TEG-S24g
- Quick Installation Guide
- Power cord
- Rack mount kit

\* 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.