

24-Port Gigabit GREENnet Switch

TEG-S24g (Version: v1.0R)

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



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 voltage 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.

***Max power savings compared with standard TRENDnet switches.**

Features

- 24 x 10/100/1000Mbps Auto-MDIX Gigabit Ethernet ports
- On / off power switch
- Features a 48Gbps forwarding capacity
- Internal power supply reduces clutter
- GREENnet technology reduces electrical power consumption when:
 1. Ethernet port is not in use
 2. Connected device is turned off
 3. Connected device is in power-saving mode
 4. Based on Ethernet cable length
- IEEE 802.3x Flow Control for full-duplex mode
- Back pressure Flow Control for half-duplex mode
- Store-and-Forward switching architecture with non-blocking wire-speed performance
- Integrated address look-up engine with a 8K MAC address table
- 3.5Mbits RAM data buffer
- Operates and maximizes packet filtering and forwarding rate
- Rackmount hardware included
- Jumbo Frame support up to 9216Bytes
- Sturdy metal housing
- Diagnostic LEDs and Plug & Play support

- 3-year limited warranty

*Max power savings compared with standard TRENDnet switches.

Specifications

Hardware

Standards	IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T; IEEE 802.3x Flow Control
Network Media	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ Ethernet: 10Mbps/20Mbps (half/full-duplex) ▪ Fast Ethernet: 100Mbps/200Mbps (half/full-duplex) ▪ Gigabit Ethernet: 2000Mbps (full-duplex)
Protocol / Topology	CSMA/CD, Star
Power Consumption	13 Watts (max.)
Switch Fabric	48Gbps
Interface	24 x 10/100/1000 Mbps Auto-MDIX RJ-45 ports
Power Button	On / off power button
Data RAM Buffer	3.5Mbits
Filtering Table	8K entries
Jumbo Frame Support	Up to 9216Bytes
Diagnostic LED	Power, Link/ACT, 100Mbps, 1000Mbps
Power	100~240VAC, 50/60Hz Internal universal switching power
Dimension	440 x 210 x 45 mm (17.4 x 8.3 x 1.8 in.)
Weight	2.3 kg (5 lbs.)
Temperature	<ul style="list-style-type: none"> ▪ Operating: 0° ~ 40° C (32° ~ 104° F) ▪ Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	Max. 90% (non-condensing)
Certifications	CE, FCC

Networking Solution



Package Contents

- TEG-S24g
- Multi-Language Quick Installation Guide
- Power cord (1.8 m / 6 ft.)
- Rackmount hardware

Related Products



24-Port Gigabit GREENnet Switch
TEG-PCITXR



24-Port Gigabit GREENnet Switch
TEG-S16g

Ordering Information

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