



Quick Installation Guide



TEG-S224

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1. Before You Start



Package Content

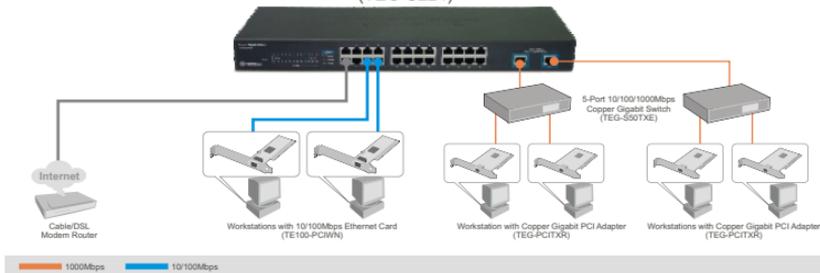
- TEG-S224
- Quick Installation Guide
- 2 mounting brackets and screws
- 4 Rubber Feet
- Power Cord

Minimum Requirements

- Computer with Network adapter installed
- An environment that is fairly cool and dry
- An environment that is free from strong electromagnetic field generators (such as motors), vibration, dust and direct exposure to sunlight
- Leave at least 10 cm of space at the front and rear of the Switch for ventilation
- EIA Standard, 19-inch rack or sturdy, level surface that can support the weight of the Switch

Application

26-Port 10/100/1000Mbps Copper Gigabit Switch (TEG-S224)



2. Hardware Installation

1. Connect the **Power Cord** to the TEG-S224 and then to a power outlet.



2. Connect a CAT-5e or CAT-6 RJ-45 network cable from the computer to an available Ethernet port on the TEG-S224.



The Switch can be mounted in an EIA standard-size, 19-inch rack, which can be placed in a wiring closet with other equipment.

3. Attach the mounting brackets to both sides of the switch and secure them with the provided screws.



4. Carefully position the switch onto the rack. Align the bracket to the screw holes on the rack, then use the screws provided with the equipment rack to mount the switch.

Register Your Product

To ensure the highest level of customer service and support, please take a moment to register your product Online at: www.trendnet.com/register

Thank you for choosing TRENDnet

General	
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T IEEE 802.3x Full-Duplex Flow Control
Protocol	CSMA/CD
Data Transfer Rates	<u>Ethernet:</u> 10Mbps (Half-Duplex), 20Mbps (Full-Duplex) <u>Fast Ethernet:</u> 100Mbps (Half-Duplex), 200Mbps (Full-Duplex) <u>Gigabit Ethernet:</u> 2000Mbps (full-duplex)
Topology	Star
Network Cables	Ethernet: UTP/STP CAT-3, 4, 5 Fast Ethernet: UTP/STP CAT-5, 5e, 6 Gigabit : UTP/STP CAT-5e, CAT-6 (Recommended)
Number of Ports	24 x 10/100Mbps Auto-Negotiation, Auto-MDIX 2 x 10/100/1000Mbps Auto-Negotiation, Auto-MDIX

Performance	
Transmission Method	Store-and-Forward
Packet Filtering/ Forwarding Rate	10Mbps Ethernet: 14,880pps (packet per second) 100Mbps Fast Ethernet: 148,800pps 1000Mbps Gigabit Ethernet: 1,488,000pps
MAC Address Learning	Self-learning, auto-aging
RAM Buffer	2.5MB per device
Filtering Address Table	8K entries per device

Physical and Environmental

AC inputs	100-240V AC Universal, 50/60 Hz
Power Consumption	11.75 Watts
Temperature	Operating: 0° ~ 40° C, Storage: -10° ~ 70° C
Humidity	Operating: 10% ~ 90% (non-condescending)
Dimensions (L x W x H)	440 x 140 x 44 mm
Weight	4.7lbs
Certification	FCC Class A, CE Mark Class A, VCCI Class A

Q1: After connecting the Switch to a power outlet, the LEDs do not turn on.

A1: Check the connection of the power adapter to the TEG-S224 and the power outlet. Also check that the power outlet is receiving power.

Q2: When I connect a computer to the Switch port, the LINK/ACT LED turns on, but the 1000Mbps LED remains off.

A2: First, check the Ethernet Cable. Make sure you are using CAT-5e or CAT-6 Ethernet Cables. Some CAT-5 cables are not rated to run in Gigabit. Second, make sure that you have a Gigabit Ethernet Adapter installed on your computer.

Q3: After I connect my PCs to the Switch, I am unable to share files.

A3: First, check the LEDs on the Switch. Make sure the LINK/ACT LED is on. Second, check the network cable. The minimum length of the cable is 1.5 meters and the maximum length of the cable is 100 meters. Third, disable any software firewall program. Fourth, verify that you have file sharing enabled. Please contact your operating system provider for more information.

Q4: After I connect my PCs to the Switch, I can only get onto the Internet from one computer.

A4: The Switch was not designed to share Internet between multiple computers. You need to install an Internet router such as the TRENDnet TW100-S4W1CA.

If you still encounter problems or have any questions regarding the TEG-S224 please contact TRENDnet's Technical Support Department.

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TEG-S224 - 5-Year Warranty

If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or deliver to customer an equivalent product to replace the defective item. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product through any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and sent prepaid, insured and packaged appropriately for safe shipment.

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Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

Note: AC/DC Power Adapter, Cooling Fan, Cables and Power Supply carry 1-Year Warranty

Certifications

This equipment has been tested and found to comply with FCC and CE Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

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En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.



TRENDnet Technical Support

US • Canada

Toll Free Telephone: 1(866) 845-3673

24/7 Tech Support



Europe (Germany • France • Italy • Spain • Switzerland • UK)

Toll Free Telephone: +00800 60 76 76

⁶⁷ English/Espanol - 24/7

Francais/Deutsch - 11 am-8pm, Monday - Friday MET

Worldwide

Telephone: +[31] (0) 20 504 05 35

English/Espanol - 24/7

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TRENDnet[®]
20675 Manhattan Place
Torrance, CA 90501
USA