TRENDnet®

Quick Installation Guide

TEG-S160TX
TEG-S240TX
H/W: D1.0R

Table of Contents

1. Before You Start

	Package Content
	• TEG-S160TX/TEG-S240TX • User's Guide • 2 mounting brackets and screws • 4 Rubber Feet • AC Power Adapter

Installation 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
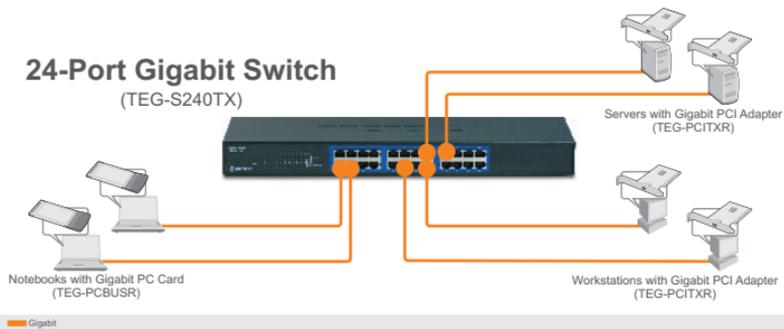
Application

16-Port Gigabit Switch
(TEG-S160TX)

Servers with Gigabit PCI Adapter
(TEG-PCITXR)

Notebooks with Gigabit PC Card
(TEG-PCBUSR)

Workstations with Gigabit PCI Adapter
(TEG-PCITXR)

Gigabit

24-Port Gigabit Switch
(TEG-S240TX)

Servers with Gigabit PCI Adapter
(TEG-PCITXR)

Notebooks with Gigabit PC Card
(TEG-PCBUSR)

Workstations with Gigabit PCI Adapter
(TEG-PCITXR)

Gigabit

2. Hardware Installation

1. Connect the **AC Power Adapter** to the TEG-S160TX/TEG-S240TX 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-S160TX/TEG-S240TX.
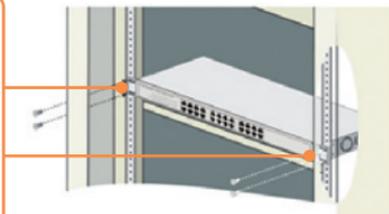
Rack Mount

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 chassis and secure them with the provided screws.

4. Carefully position the chassis 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 chassis.

Register Your Product
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Thank you for choosing TRENDnet

Hardware	
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 Rate	Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex) Gigabit Ethernet: 2000Mbps (full-duplex)
Topology	Star
Network Cables	Ethernet: UTP/STP CAT-3, -4, -5 Fast Ethernet: UTP/STP CAT-5 Gigabit : UTP/STP CAT-5e, CAT-6 (Recommended)
Number of Ports	16/24 x 10/100/1000Mbps Auto-Negotiation, Auto-MDIX
Physical and Environmentalware	
Power	100-240V AC Universal, 50/60 Hz Internal Power Supply
Power Consumption	13.5 Watts. Max (TEG-S160TX) 19 Watts Max (TEG-S240TX)
Temperature	Operating: 0° ~ 40° C (32° ~ 104° F) Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	5% ~ 90% (non-condescending)
Dimensions	440 x 140 x 44 mm
Weight	3Kg
Emissions	CE, FCC

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	340KB per device (TEG-S160TX) 500KB per device (TEG-S240TX)
Filtering Address Table	8K entries per device

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-S160TX/ TEG-S240TX 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 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 and printer sharing enabled. Please contact Microsoft support 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 get an Internet router.

If you still encounter problems or have any questions regarding the TEG-S160TX/TEG-S240TX please contact TRENDnet's Technical Support Department.

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.

FC CE (P̄C̄)

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.

ADVERTENCIA EN CASO DE REQUERIR AC ADAPTER

En todos nuestros equipos se mencionan claramente las caracteris-ticas del adaptador de alimentacón necesario para su funcionamiento El uso de un adaptador distinto al mencionado puede producir daños fisicos y/o daños al equipo conectado.

TRENDnet Technical Support

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