24-port Gigabit Switch

TEG-S240TX [E1.0R]

TEG-S240TX is a high performance 24-port rack mountable Copper Gigabit Switch. With auto-negotiation technology, the TEG-S240TX automatically negotiates between 10Base-T, 100Base-TX and 1000Base-T network speeds, as well as half and full duplex modes. The Auto-MDIX feature on each port automatically detects and adjusts connection type with either straight-through or crossover cable. Providing simple migration, scalability, and flexibility to handle new applications and data types, TEG-S240TX is a highly reliable and cost effective solution for high-speed network applications.

FEATURES

• 24 x 10/100/1000Mbps Auto-Negotiation and Auto-MDIX ports

• Full/Half Duplex Transfer Mode for Each Port (1000Base-T connections support full-duplex mode only)

• Store and Forward Switching Method

• High Performance Single-Chip Design

• Non-Blocking Wire Speed Reception and Transmission

• IEEE 802.3x Full-Duplex Flow Control

• Integrated Address Look-Up Engine, Supports 8k Absolute MAC Address

• 500KBytes RAM Data Buffering

• Extensive Front Panel Diagnostic LEDs

• Standard 19" Rack-Mount Size
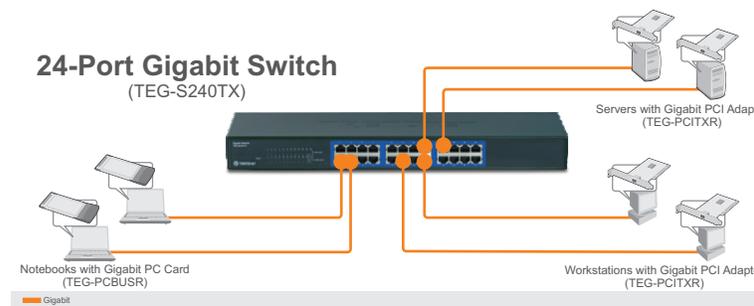
• 3-Year Limited Warranty

SPECIFICATIONS

Hardware	
Standard	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3x Full Duplex Flow Control
Network Media	• Ethernet: 2-pair UTP Cat. 3, 4, 5, up to 10Mbps • Fast Ethernet: 2-pair UTP Cat. 5, up to 100Mbps • Gigabit: 4-pair UTP Cat. 5, 5E, 6, up to 1000Mbps
Transmission Method	• Store-and-Forward
Data Transfer Rate	• Ethernet: 10Mbps/20Mbps (Half/Full Duplex) • 100Mbps: 100/200Mbps (Half/Full-Duplex) • Gigabit: 2000Mbps (Full-Duplex)
Switch Fabric	• 48Gbps forwarding capacity
Data RAM Buffers	• 500Kbytes
Filtering Address Table	• 8K entries per device
LED	• Per Unit: Power • Per Port: Link/ACT, 1000M, 100M
Power	• 100 ~ 240VAC 50/60Hz, internal Power Supply
Power Consumption	• 19 watts (max)
Dimension	• 440 x 140 x 44mm (17.3 x 5.5 x 1.73in.)
Weight	• 3kg (6.6lb)
Temperature	• Operating: 0°C ~ 40°C (32°F ~ 104°F) • Storage: -10°C to 70°C (14°F to 158°F)
Humidity	• 10 % ~ 90 % (non-condensing)
Certifications	• FCC, CE

NETWORKING SOLUTIONS

24-Port Gigabit Switch
(TEG-S240TX)

Servers with Gigabit PCI Adap
(TEG-PCITXR)

Notebooks with Gigabit PC Card
(TEG-PCBUSR)

Workstations with Gigabit PCI Adapt
(TEG-PCITXR)

■ Gigabit

PACKAGE CONTENTS

- • TEG-S240TX
- • Multi-Language Quick Installation Guide
- • Rackmount Kit
- • Power Cord

RELATED PRODUCTS

TEG-S160TX	16-Port Gigabit Switch
TEG-PCITXR	Gigabit PCI Adapter
TEG-PCBUSR	Gigabit PC Card

ORDERING INFORMATION

TRENDNET ®

20675 Manhattan Place,Torrance, CA 90501 USA
Tel: 1-310-961-5500
Fax: 1-310-961-5511
Web: www.trendnet.com
Email: sales@trendnet.com

To Order Please Call:
1-888-326-6061