



TEG-S4000 4-Slot Modular Switch

The TEG-S4000 is a modular chassis with 4 available slots designed for a variety of switching modules that meet your network environment. Network professionals have the option to design the TEG-S4000 modular switch according to specific network media requirements. The TEG-S4000 module selections include 10/100Mbps RJ-45, 100Mbps Fiber, Copper Gigabit, and Fiber Gigabit. Network designers can achieve 32 10/100Mbps RJ-45 ports by using four 8-port 10/100Mbps modules. The TEG-S4000 modular design provides great flexibility for hardware expansion. TRENDnet TEG-S4000 is a comprehensive and powerful modular system that offers flexible network modules and innovative hardware construction for demanding network environment.



Features

- ... Supports IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3ab Copper Gigabit Ethernet, IEEE 802.3z Fiber Gigabit Ethernet, IEEE 802.3x Flow Control, and ANSI/IEEE 802.3 Auto-Negotiation
- 4-slot design, for various types of modules
- Store-and-Forward switching architecture
- ... Auto-Learns networking configurations
- ... Supports Half- and Full-Duplex modes
- ... Backpressure Flow Control in Half-Duplex mode and IEEE 802.3x Flow Control in Full-Duplex Mode
- ... 4K entries MAC address table for 8-Port 10/100Mbps and Gigabit Module. 12K address table for 100Base-FX module (if multiple modules are present, the module with the smallest MAC address table size is the Switch's MAC address table size)
- ... 256KB memory buffer for 8-port 10/100Mbps module, 5MB memory buffer for 100Mbps fiber module, and 128Bytes memory buffer for Gigabit modules
- ... Up to 9.6Gbps Backplane (2.4Gbps per module)
- ... LED on the Switch and module for easy diagnostic and network status monitoring
- ... Standard 19" rack-mount size with 2U height
- ... 5-year Warranty

Benefits

- ... **Performance:**
Up to 9.6Gbps backplane, provides non-blocking performance.
- ... **Flexibility:**
Accepts up to 4 modules that provide connections for up to 4 different types of network medias.
- ... **Cost Effectiveness:**
Purchase only the modules that you need for the network.
- ... **Expandability:**
Install more modules to expand the network in the future.



TEG-S4000

4-Slot Modular Switch

SPECIFICATIONS

Standards:

- IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX/100Base-FX Fast Ethernet, IEEE 802.3ab 1000Base-T Gigabit Ethernet, IEEE 802.3z 1000Base-SX/LX Fiber Gigabit Ethernet, ANSI/IEEE 802.3 Auto-Negotiation

Protocol:

- CSMA/CD

Cabling:

Ethernet:

- UTP/STP Cat. 3,4,5, EIA/TIA-568 100-ohm, 100 meters max.

Fast Ethernet:

- UTP/STP Cat. 5, EIA/TIA-568 100-ohm, 100 meters max.
- 62.5/125µm Multimode Fiber with SC-type (or MT-RJ) connector, 2Km max.
- 8,9/125µm Single-Mode Fiber with SC-type connector, 30Km max.

Gigabit Ethernet:

- UTP/STP Cat. 5, EIA/TIA-568 100-ohm, 100 meters max.
- 62.5/125µm Multimode Fiber with SC-type connector, 220 meters max.
- 50/125µm Multimode Fiber with SC-type connector, 550 meters max.
- 10/125µm Single-Mode Fiber with SC-type connector, 10Km max.

Data Transfer Rate:

- Ethernet: 14,880pps; Fast Ethernet: 148,800pps; Gigabit Ethernet: 1,488,000pps

Data RAM Buffers:

- 256KB for 8-port 10/100Mbps module
- 5MB for 100Mbps fiber module
- 128Bytes for Gigabit module

Filtering Address Table:

- 4K for 8-Port 10/100Mbps Module and Gigabit Module. 12K for 100Base-FX module

Diagnostic LEDs:

- Per Device: Power
- Per Port:
 - 8-Port 10/100Mbps module: 100M, Link/Activity, Full-Duplex/Collision (3 LEDs)
 - 100Mbps Fiber: Link/Activity, Full-Duplex/Collision (2 LEDs)
 - 1000Mbps: Link, Activity, Full-Duplex, Collision (4 LEDs)

Power Supply:

- 100 ~ 240 VAC, 50 ~ 60Hz, Internal Universal Power Supply

Power Consumption:

- 30~42 Watts, depending on the module

Dimensions:

- 440 x 227 x 66.5mm (17.3 x 9 x 2.6 inch) (W x H x D)

Weight:

- 3.8 Kg. (9.4 lb.) without module

Operating Temp.:

- 0° ~ 45° C (32° ~ 113° F)

Humidity:

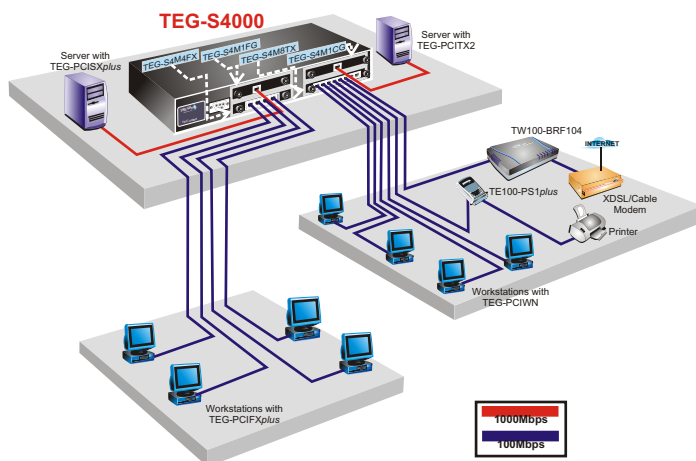
- Operating: 10% ~ 90% non-condensing

Certifications:

- FCC Class A, CE & UL, cUL



NETWORKING SOLUTIONS



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

RELATED PRODUCT

➔ **TEG-S4000:** 4-Slot Modular Switch

➔ **TEG-S4000i:** 4-Slot SNMP Modular Switch

Modules

➔ **TEG-S4M8TX:** 8-Port RJ-45 10/100Mbps Module

➔ **TEG-S4M4FX:** 4-Port Multimode SC-type 100Base-FX Module

➔ **TEG-S4M4S30:** 4-Port Single-Mode SC-type 100Base-FX Module, 30Km

➔ **TEG-S4M8FXM:** 8-Port Multimode MT-RJ type 100Base-FX Module

➔ **TEG-S4M1CG:** 1-Port RJ-45 10/100/1000Mbps Copper Gigabit Module

➔ **TEG-S4M1FG:** 1-Port Multimode SC-type 1000Base-SX Fiber Gigabit Module

➔ **TEG-S4M1FGL:** 1-Port Single-Mode SC-type 1000Base-LX Fiber Gigabit Module, 10K

ORDERING INFORMATION

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