



TEG-S4000i 4-Slot SNMP Modular Switch

The TEG-S4000i is a SNMP 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-S4000i Modular Switch according to specific network media requirements. The TEG-S4000i module selections include 10/100Mbps RJ-45, 100Mbps fiber, Copper Gigabit, and Fiber Gigabit. Network designers can achieve 32 10/100Mbps switched ports by using four 8-port RJ-45 10/100Mbps modules. The TEG-S4000i modular design provides greater flexibility for hardware expansion. The TEG-S4000i can be easily configured and managed via Telnet, Console or Web Browser. The TEG-S4000i features advanced network features such as SNMP, VLAN, and QoS making it an ideal component for departmental or enterprise network solutions. TRENDnet TEG-S4000i 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.
- **Expandability:**
Install more modules to expand the network in the future.
- **Cost Effectiveness:**
Provides SNMP management and Gigabit Performance at an affordable price.
- **Security:**
Port-based VLAN to further segmenting the network.

TEG-S4000i

4-Slot SNMP Modular Switch

SPECIFICATIONS

Standards:

- IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX/100BASE-FX, IEEE 802.3ab: 1000Base-T, IEEE 802.3z 1000Base-SX/LX, IEEE 802.3x Flow Control, IEEE 802.3ad Port Trunk, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1p Class of service, IEEE 802.1Q VLAN Tagging, RFC 768 UDP, RFC 783 TFTP, RFC 791 IP, RFC 792 ICMP, RFC 854 Telnet Server/Client, RFC 1112 IGMP, RFC 2068 HTTP, RFC 1157 SNMP, RFC 1213 (MIB II), RFC 1215 Trap (Link Down/Up, Cold/Warm Start, Authorization Failed), RFC1493 (Bridge MIB), RFC 2674 (VLAN MIB)

Protocol:

- CSMA/CD

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

Power Supply:

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

Power Consumption:

- 30~42 Watts, depending on the module

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)

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)

Weight:

- 3.8 Kg. (9.4 lb.) without module

Dimensions:

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

Operating Temp.:

- 0° ~ 45° C (32° ~ 113° F)

Humidity:

- Operating: 10% ~ 90% non-condensing

Certifications:

- FCC Class A, CE & UL, cUL



PRODUCT INFORMATION

→ **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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