

## 4-Slot SNMP Modular Switch TEG-S4000i



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

- 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 Trunking, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1p Class of service, IEEE 802.1Q VLAN Tagging, RFC 1213 (MIB II), RFC 1215 Trap (Link Down/Up, Cold/Warm Start, authorization Fail), RFC1493 (Bridge MIB), and RFC 2674 (VLAN MIB)
- Store-and-Forward switching architecture
- 4-slot design, for various types of modules
- Auto-learning networking applications and configurations
- 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 Modules. 12K MAC 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 Modules for easy diagnostic and network status monitoring
- Management via Console Port, SNMP, Telnet, or Web Browser (Java based)
- Supports IEEE 802.1Q Tag-Based VLAN (up to 4096 groups), and Port Trunking (one Trunk per module, max. 8 ports per trunk)
- Supports IEEE 802.1p QoS, ToS, and IGMP
- Supports Broadcast Storm Filter and Spanning Tree Protocol (STP)
- Supports Port Mirroring, MIB II and Private MIB
- Firmware upgradeable via TFTP
- 19" Rack Mountable
- 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.

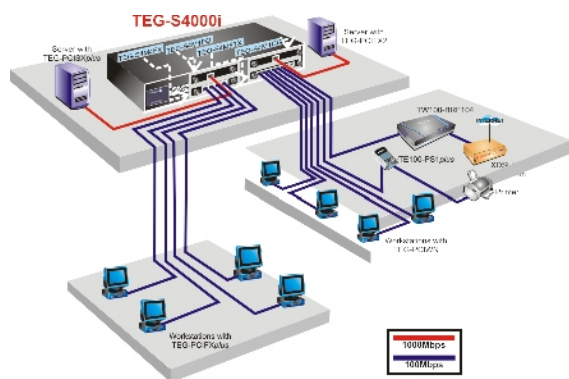
# 4-Slot SNMP Modular Switch

## TEG-S4000i

### SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none"> <li>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)</li> </ul>
Protocol	<ul style="list-style-type: none"> <li>CSMA/CD</li> </ul>
Data Transfer Rate	<ul style="list-style-type: none"> <li>Ethernet: 14,880pps; Fast Ethernet: 148,800pps; Gigabit Ethernet: 1,488,000pps</li> </ul>
Cabling	<ul style="list-style-type: none"> <li>Ethernet: UTP/STP Cat. 3,4,5, EIA/TIA-568 100-ohm, 100 meters max.</li> <li>Fast Ethernet:               <ul style="list-style-type: none"> <li>– UTP/STP Cat. 5, EIA/TIA-568 100-ohm, 100 meters max.</li> <li>– 62.5/125µm Multimode Fiber with SC-type (or MT-RJ) connector, 2Km max.</li> <li>– 8,9/125µm Single-Mode Fiber with SC-type connector, 30Km max.</li> </ul> </li> <li>Gigabit Ethernet:               <ul style="list-style-type: none"> <li>– UTP/STP Cat. 5, EIA/TIA-568 100-ohm, 100 meters max.</li> <li>– 62.5/125µm Multimode Fiber with SC-type connector, 220 meters max.</li> <li>– 50/125µm Multimode Fiber with SC-type connector, 550 meters max.</li> <li>– 10/125µm Single-Mode Fiber with SC-type connector, 10Km max.</li> </ul> </li> </ul>
Console Port	<ul style="list-style-type: none"> <li>Female DB-9 RS-232 (serial cable included)</li> </ul>
Data RAM Buffers	<ul style="list-style-type: none"> <li>256KB for 8-port 10/100Mbps module • 5MB for 100Mbps fiber module • 128Bytes for Gigabit module</li> </ul>
Filtering Address Table	<ul style="list-style-type: none"> <li>4K for 8-Port 10/100Mbps Module and Gigabit Module. 12K for 100Base-FX module</li> </ul>
Diagnostic LEDs	<ul style="list-style-type: none"> <li>Per Device: Power</li> <li>Per Port:               <ul style="list-style-type: none"> <li>– 8-Port 10/100Mbps module: 100M, Link/Activity, Full-Duplex/Collision (3 LEDs)</li> <li>– 100Mbps Fiber: Link/Activity, Full-Duplex/Collision (2 LEDs)</li> <li>– 1000Mbps: Link, Activity, Full-Duplex, Collision (4 LEDs)</li> </ul> </li> </ul>
Power Supply	<ul style="list-style-type: none"> <li>100 ~ 240 VAC, 50 ~ 60Hz, Internal Universal Power Supply</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>30~42 Watts, depending on the module</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>440 x 227 x 66.5mm (17.3 x 9 x 2.6 inch) (W x H x D)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>3.8 Kg. (9.4 lb.) without module</li> </ul>
Operating Temp	<ul style="list-style-type: none"> <li>0° ~ 45° C (32° ~ 113° F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: 10% ~ 90% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>FCC Class A, CE &amp; UL, cUL</li> </ul>

### NETWORKING SOLUTIONS



### RELATED PRODUCTS

TEG-S4000	4-Slot Modular Switch
TEG-S4M8TX	8-Port RJ-45 10/100Mbps Module
TEG-S4M4FX	4-Port Multimode SC-type 100Base-FX Module

### ORDERING INFORMATION

#### TRENDnet

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