



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

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



TRENDware International, Inc.
3135 Kashiwa Street
Torrance, CA. 90505. USA
Tel: 310-891-1100
Fax: 310-891-1111
Web: www.TRENDNET.com
Email: sales@trendware.com

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