



4-Slot Gigabit Layer 2 Managed Chassis TEG-S3000i

The 4-Slot Gigabit Layer 2 Managed Chassis offers a cost-effective solution for an enterprise backbone network. With 3 line card slots and a wide range of hot-swappable modules, the switch provides an easy scalable expansion as your needs grow. Features include port trunking, load balancing, SNMP, IGMP, VLAN, Virtual Cable testing, and other network management features.

FEATURES

- 3-Front Slot Supports Optional 10/100Mbps RJ45 or 100Base-Fiber modules.
- 1-Back Slot Supports Gigabit Copper or Fiber (SX/LX) modules
- IGMP (v1 and v2) Snooping Support for Multi-Media Application (up to 256 groups)
- Stack Management via One IP Address (up to 8 units), Easy Management by Web GUI
- Supports Port Bandwidth Control (per level 100k)
- Supports GVRP Function and Broadcast Storm Filter
- Supports Port Based VLAN, IEEE 802.1Q VLAN and IEEE 802.1v Protocol VLAN
- Supports Port Mirroring (max 25 entries) and Port Security
- Supports IEEE 802.3x Flow Control and IEEE 802.3ad Port Trunk with LACP (up to 7 groups, max 4 ports)
- Supports IEEE 802.1p Class of Service and IEEE 802.1d Spanning Tree Protocol
- Supports IEEE 802.1x User Authentication (Reject, Accept, Authorize, Disable)
- Store-and-Forward Switching Architecture with Non-Blocking Wire-Speed Performance
- Configuration via RS-232 Console Port, Telnet, SNMP and Web Browser (HTTP)
- Supports TFTP or Console Firmware Upgrade Feature
- 19" Rack Mount Design (kit included)
- 5-Year Warranty

Optional Modules

- TEG-S3M8TX:** 8-Port 10/100Mbps Auto-MDIX RJ45 Port Module
- TEG-S3M8FX:** 8-Port 100Base-FX SC Type Multi-Mode Fiber Port Module
- TEG-S3M8S15:** 8-Port 100Base-FX SC Type Single-Mode Fiber Port Module (15km)
- TEG-S3M2CG:** 2-Port 10/100/1000Mbps Auto-MDIX RJ45 Port Module
- TEG-S3M2MG:** 2-Port 1000Base Mini-GBIC Slot (SX/LX) Module
- TEG-S3M11CF:** 1-Port Copper & 1-Port SX Fiber SC Type Multi-Mode Gigabit Port Module

4-Slot Gigabit Layer 2 Managed Chassis

TEG-S3000i

SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none">IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX/100Base-FX, IEEE 802.3z Gigabit SX/LX, IEEE 802.3ab Gigabit 1000T, IEEE 802.3x Flow Control and Back Pressure, IEEE 802.3ab Gigabit 1000T, IEEE 802.3x Flow Control and Back Pressure, IEEE 802.3ad Port Trunk with LCAP, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1p Class of Service, IEEE 802.1Q VLAN Tagging
Optional Modules	<ul style="list-style-type: none">TEG-S3M8TX : 8 x 10/100Mbps Auto-MDIX RJ45 PortTEG-S3M8FX : 8 x 100Base-FX SC type Multi-Mode Fiber PortTEG-S3M8S15 : 8 x 100Base-FX SC type Single-Mode Fiber Port (15km)TEG-S3M2CG : 2 x 10/100/1000Mbps Auto-MDIX RJ45 PortTEG-S3M2MG : 2 x 1000Base-FX SC type Multi-Mode Fiber PortTEG-S3M11CF : 1 x Copper Gigabit, 1x 1000Base-FX SC Type Multi-Mode Fiber Port
Packet Forwarding and Filtering Rate	<ul style="list-style-type: none">Gigabit: 1,488,000 packets per second per port100M Ethernet: 148,800 packets per second per port10M Ethernet: 14,880 packets per second per port
Cabling	<ul style="list-style-type: none">RK45: - 10Base-T: 2 pairs UTP/STP Cat 3.4.5 cable EIA/TIA 568 100Ohm (100m)- 100Base-T: 2 pairs UTP/STP Cat 3.4.5 cable EIA/TIA 568 100Ohm (100m)- Gigabit: 4 pairs UTP/STP Cat 5, 5e, 6 cable EIA/TIA 568 100Ohm (100m)Multi-Mode: (50/125um, 62.5/125um), 2km (max)Single-Mode: (8/125um, 10/125um)
Console Port	<ul style="list-style-type: none">RS-232, female 9-Pin Serial Port (M-M serial cable included)
Protocol/Topology	<ul style="list-style-type: none">(CSMA/CD) / Star
Buffer Memory	<ul style="list-style-type: none">3Mbits Data Buffer
Filtering Address Table	<ul style="list-style-type: none">8K MAC Address Entries
Bandwidth	<ul style="list-style-type: none">Up to 8.8Gbps
LED Display	<ul style="list-style-type: none">Power10/100Mbps-TX: Link/Activity, Full Duplex100Base-FX: Link, ActivityGigabit Copper: Link/Activity, Full Duplex, 1000Mbps, 100MbpsGigabit Fiber: Link/Activity
Power	<ul style="list-style-type: none">Input: 100~240VAC, 50/60Hz, 0.8A Internal Power Supply
Power Consumption	<ul style="list-style-type: none">60 watts
Dimensions	<ul style="list-style-type: none">440 x 280 x 44mm (17.3 x 11 x 1.7 inch) (W x H x D)
Weight	<ul style="list-style-type: none">5.1 Kg. (11 lb.)
Temperature	<ul style="list-style-type: none">Operating: -10° ~ 60° C (14° ~ 140° F)Storage: -40° ~ 70° C (-40° ~ 158° F)
Humidity	<ul style="list-style-type: none">10% ~ 90% non-condensing
Safety Emissions	<ul style="list-style-type: none">FCC, CE



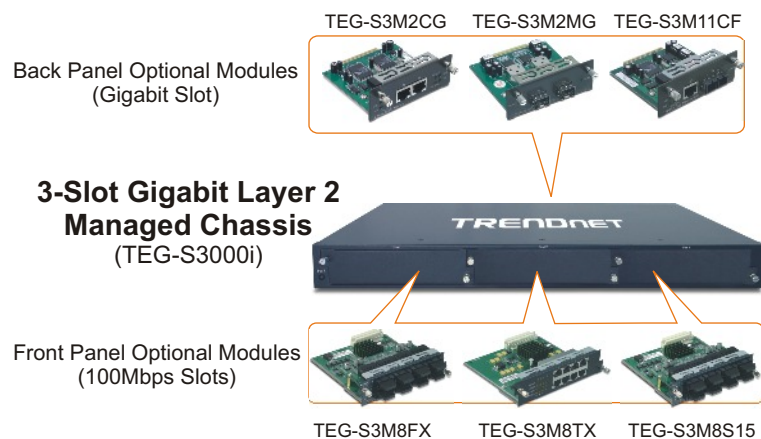
4-Slot Gigabit Layer 2 Managed Chassis

TEG-S3000i

SPECIFICATIONS

Software	
Management	• Web Management, RS-232 Console Management, Telnet
RFC Standard	• RFC 1157 SNMP, RFC 1213 MIB II, RFC 1643 Ethernet like, RFC 1493 Bridge MIG, RFC 1757 RMON 1, RFC 1215 Trap, RFC 2674 VLAN MIB, Private MIB
SNMP Trap	• Cold Start, Link Down, Link Up, Authorization Fail, Fan Fail Trap • Trap Station up to 3
VLAN	• Static VLAN up to 256 groups, Dynamic VLAN up to 2048 groups, VLAN ID 0~4094
QoS Policy	• 8 Priority Levels ID for 2 Priority Queue
Class of Service	• High/Low Queue. Service Rule: FCFS, High before Low, WRR for High or Low Weight

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEG-S3000i
- Quick Installation Guide
- Power Cord
- CD-ROM (User's Guide)
- RS-232 Cable / Rack Mount Kit

RELATED PRODUCTS

TEG-S3M8TX	8-Port 10/100Mbps Auto-MDIX RJ45 Port Module
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TEG-S3M11CF	1-Port Copper & 1-Port SX Fiber SC Type Multi-Mode Gigabit Port Module

ORDERING INFORMATION

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