



## 26-Port 10/100Mbps Layer 2 Switch w/ Gigabit Ethernet ports and Mini-GBIC Slots TEG-S2620i (V1.0R)

The 26-Port 10/100Mbps Layer 2 Switch w/ Gigabit Ethernet ports and Mini-GBIC Slots provides a reliable foundation for a highly scalable managed department or workgroup. Powerful layer 2 performance and advanced security management is provided with an 8.8Gbps switch fabric, SNMP Version 3 support, a 256 entry Access Control List and Multiple Spanning Tree (802.11s) technology.

Built-in Gigabit Ethernet ports and Mini-GBIC slots provide high speed uplinks to backbone switching or servers. Configure the switch using your choice of Telnet, HyperTerminal or a Browser. Additional management features such as Port Trunking, IGMP snooping, VLAN, RMON, Jumbo Frame support, RSTP and MSTP allow administrators to effectively manage departmental work groups.

### TECHNICAL FEATURES

- 24 x 10/100Mbps Auto-Negotiation and Auto-MDIX RJ-45 ports
- 2 Pairs of 1x 10/100/1000Mbps RJ-45 port and 1x 1000Base Mini-GBIC slot
- 8K MAC, 220 ACL, 4K VLAN and 1K Multicast entries
- Spanning Tree Protocol (RSTP and MSTP) supported
- Static MAC and port based MAC table with 255 display entries
- IEEE 802.3x Flow Control for both half/full duplex support
- Jumbo frame support up to 9K
- Broadcast Storm Filtering protection against constant Broadcast or Multicast traffic
- Access Control List (ACL) with support up to 256 entries
- Port-Based VLAN (256 Groups), IEEE 802.1q Tag-Based VLAN (PVID 1~255)
- 802.1x authentication and authorization with MD5, EAP and TLS
- IP Multicast, Internet Group Management Protocol (IGMP) snooping and Generic VLAN Registration Protocol (GVRP)
- 4-Level priority queuing for multiple levels of Quality of Service (QoS)
- RMON Group 1, 2, 3, 9 and PING function from the Switch's diagnostic utilities
- Port Mirroring monitors network traffic such as intrusion detection
- Switch management with Simple Network Management Protocol (SNMP V1.0-V3.0, MIB II), Telnet and Web Browser
- In-band control allows for administration from any Ethernet port on the switch
- Console port management over high speed for out-of-band control (115,200 baud rate)
- Upgradeable firmware via Web browser and TFTP program
- LED display for individual port status: link, activity and speed
- Standard 19" (1U) rack mount size (mounting kit included)

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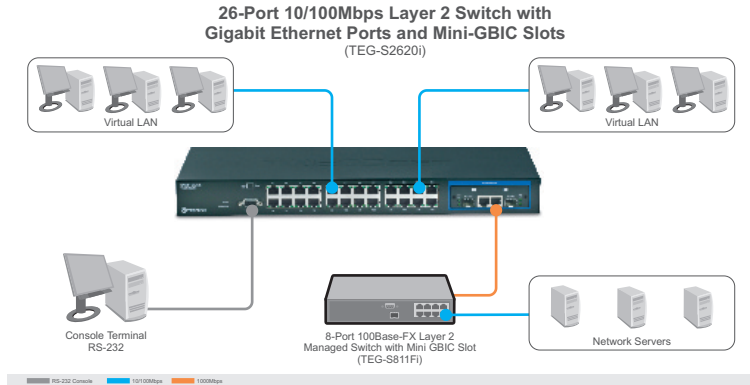
### SPECIFICATIONS

Hardware	
<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T Ethernet</li> <li>• IEEE 802.3u 100Base-TX Fast Ethernet</li> <li>• IEEE 802.3z 1000Base-SX/LX Gigabit Ethernet</li> <li>• IEEE 802.3x Flow Control</li> <li>• IEEE 802.1d Spanning Tree</li> <li>• IEEE 802.1q Tag-based VLAN, Priority Control</li> <li>• IEEE 802.1v Protocol-Based VLAN</li> <li>• IEEE 802.1x authentication and authorization with MD5, EAP, TLS</li> <li>• IEEE 802.3ad Link Aggregation</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• 24 x 10/100Mbps Auto-MDIX RJ-45 port</li> <li>• 2 pairs of shared 1000-Based RJ-45 port and Mini-GBIC slot*</li> <li>• 1 x RS-232 Serial port (Initial Setup)</li> <li>• *1x RJ-45 port or Mini-GBIC slot of each pair can be used at a time.</li> </ul>
<b>Packet Forwarding and Filtering Rate</b>	<ul style="list-style-type: none"> <li>• 1000M Ethernet: 1,488,100 packets per second per port</li> <li>• 100M Ethernet: 148,810 packets per second per port</li> <li>• 10M Ethernet: 14,880 packets per second per port</li> </ul>
<b>Cabling</b>	<ul style="list-style-type: none"> <li>• Fast Ethernet: UTP/STP Cat. 5, EIA/TIA-568 100-ohm, 100 meters max</li> <li>• Gigabit Ethernet: UTP/STP Cat. 5, 5E, 6, EIA/TIA-568 100-ohm, 100 meters max</li> <li>• Mini-GBIC: LC Type. 9/125µm or 10/125µm Single-Mode fiber optic cable (LX)</li> <li>• LC Type. 62.5/125µm or 50/125µm Multi-Mode fiber optic cable (SX)</li> </ul>
<b>Console port</b>	<ul style="list-style-type: none"> <li>• RS-232, female 9-pin Serial port (Serial cable included)</li> </ul>
<b>Protocol/Topology</b>	<ul style="list-style-type: none"> <li>• (CSMA/CD) / Star</li> </ul>
<b>Buffer Memory</b>	<ul style="list-style-type: none"> <li>• 1Mb for control, 3Mb for packet filter</li> </ul>
<b>Filtering Address Table</b>	<ul style="list-style-type: none"> <li>• 8,000+256 MAC entries, 4,000 VLAN entries and 1,000 Multicast entries</li> </ul>
<b>LED Display</b>	<ul style="list-style-type: none"> <li>• Power On (green)/Off (off)</li> <li>• Diagnostic (blinking) during initialization</li> <li>• Link (green)/Activity (blinking)</li> <li>• Speed 100M (green)/10M (off)</li> <li>• Gigabit port: 1000Mbps (green)/Activity (blinking)</li> </ul>
<b>Power Input</b>	<ul style="list-style-type: none"> <li>• 100~240VAC, 50/60Hz internal power supply</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• 30 watts (max)</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 440 x 184 x 44mm (17.3 x 7.3 x 1.8 in.) (W x H x D)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 2.5 kg (5.2 lb)</li> </ul>
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• Operating: 5°~ 45°C (41°F~ 113°F)</li> <li>• Storage: -20°~ 70°C (-4°F~ 158°F)</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• 10%- 90% (non-condensing)</li> </ul>
<b>Certifications/Safety</b>	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>



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## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

- TEG-S2620i
- Multi-Language User's Guide
- CD-ROM (User's Guide)
- Power cord (1m / 3.28ft)
- RS-232 console cable (1m / 3.28ft)
- Rack mounting kit

## RELATED PRODUCTS

TEG-S3000i	4-Slot Gigabit Layer 2 Managed Chassis
TEG-S081FMi	8-Port 100base-FX Layer 2 Managed Fiber Switch w/ Mini-GBIC Port
TEG-S811Fi	8-Port 10/100Mbps Layer 2 Managed Switch with Gigabit Port and Mini-GBIC Slot
TEG-MGBSX	Mini-GBIC Multi-Mode SX Module

## ORDERING INFORMATION

### TRENDnet®

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