



## 16-port Gigabit Web Smart Switch TEG-160WS (C1.0)

TEG-160WS 16-Port 10/100/1000Mbps Web Smart Switch is the ideal Switch for network segmenting. TEG-160WS supports web browser configuration; Network Administrator can use web browser to configure port speed, VLAN and QoS, and also monitor each port's status which provides simple migration, scalability, and flexibility to handle new applications and data types. TEG-160WS is powerful and easy-to-use in reducing unnecessary broadcast traffic and enhance network security.

## FEATURES

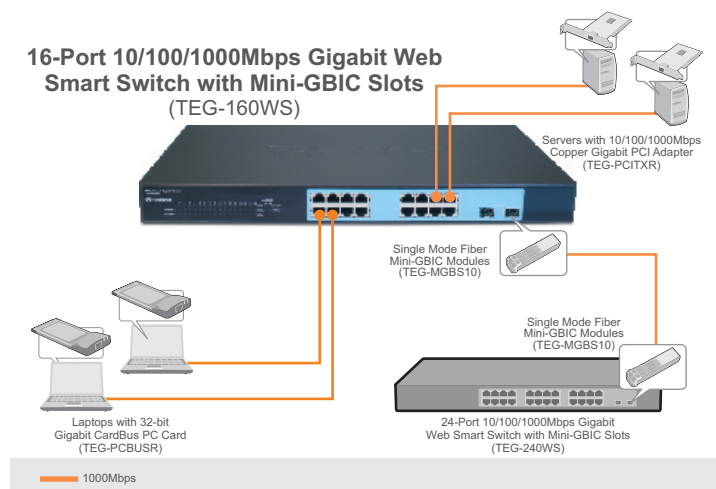
- 16 x 10/100/1000Mbps Auto-Negotiation and Auto-MDIX Gigabit Ports
- 2 x 1000Base-SX/LX Mini-GBIC Slots for Optional Mini-GBIC Modules
- Full Wire-Speed Non-Blocking Reception and Transmission
- Store and Forward Switching Method
- Extensive Diagnostic LED's on the Front Panel
- IEEE 802.3x Flow Control for Full/Half-Duplex Mode; Back Pressure Flow Control for Half-Duplex Mode
- Supports 802.1Q VLAN, IGMP Snooping and 802.1p Priority Queues
- Supports Trunking (max 6 groups, 8 ports per group) and Port Mirroring
- Supports Jumbo Frame Packets Transfer (Max Size up to 10240bytes)
- Integrated Address Look-Up Engine, Supports 8K Absolute MAC addresses
- Supports 512Kbytes RMA for Data Buffering
- Port Setting Function, Users can set each Port's Availability, Speed, Duplex Mode, and Flow Control
- Easy Configuration via Web browser
- Standard 19" (1U) Rack Mount Size
- 5-Year Warranty

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## SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.3 10Base-T ; IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T ; IEEE 802.3z 1000Base-SX/LX (Mini-GBIC)</li> <li>• IEEE 802.3x Full Duplex Flow Control</li> </ul>
Protocol	<ul style="list-style-type: none"> <li>• CSMA/CD</li> </ul>
Transmission Method	<ul style="list-style-type: none"> <li>• Store-and-Forward</li> </ul>
Interface	<ul style="list-style-type: none"> <li>• 16 10/100/1000Mbps Auto-MDIX RJ45 Ports • 2 1000Base-SX/LX Mini-GBIC Slots (share with Gigabit ports 15 and 16)</li> </ul>
Network Media	<ul style="list-style-type: none"> <li>• Ethernet: 2-pair UTP Cat. 3, 4, 5, up to 10Mbps</li> <li>• Fast Ethernet: 2-pair UTP Cat. 5, up to 100Mbps</li> <li>• Gigabit: 4-pair UTP Cat. 5, 5E, 6, up to 1000Mbps</li> </ul>
Data Transfer Rate	<ul style="list-style-type: none"> <li>• 10Mbps: 10/20Mbps (Half/Full Duplex)</li> <li>• 100Mbps: 100/200Mbps (Half/Full Duplex)</li> <li>• 1000Mbps: 2000Mbps (Full Duplex)</li> </ul>
Data RAM Buffers	<ul style="list-style-type: none"> <li>• 512KBytes per device</li> </ul>
Filtering Address Table	<ul style="list-style-type: none"> <li>• 8K Entries Per Device</li> </ul>
Switch Fabric	<ul style="list-style-type: none"> <li>• 32Gbps Forwarding Capacity</li> </ul>
Diagnostic LEDs	<ul style="list-style-type: none"> <li>• Per Unit: Power, System • Per Copper Gigabit Port: Link/ACT, 1000M, 100M • Per Mini-GBIC Port: Link/ACT, 1000M</li> </ul>
Power	<ul style="list-style-type: none"> <li>• 100 ~ 240VAC 50/60Hz, Internal Universal Switching Power</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>• 30 Watts (Max)</li> </ul>
Dimensions (W x H x D)	<ul style="list-style-type: none"> <li>• 440mm x 210mm x 44mm (17.3" x 8.3" x 1.73")</li> </ul>
Weights	<ul style="list-style-type: none"> <li>• 3 Kg (6.6 lb)</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0°C ~ 40°C (32°F ~ 104°F) • Storage: -10°C to 70°C (14°F to 158°F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 10 % ~ 90 % (non-condensing) • Storage: 5 % ~ 90 % (non-condensing)</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• FCC, CE</li> </ul>

## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

- TEG-160WS
- Multi-Language QIG
- CD-ROM (Utility/UG)
- Power Cord
- Rack Mount Kit

## RELATED PRODUCTS

TEG-PCBUSR	Gigabit PC Card
TEG-PCITXR	Gigabit PCI Adapter
TEG-240WS	24-port Gigabit Web Smart Switch

## ORDERING INFORMATION

**TRENDNET**<sup>®</sup>

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