



## 52-Port Gigabit Web-Based Smart Switch TEG-2248WS

TRENDnet's TEG-2248WS 52-port Gigabit Web-Based Smart Switch is the ideal switch for network segmenting. It has 48 10/100Mbps and 2 10/100/1000Mbps RJ45 ports with Auto-Sensing and Auto-MDIX feature for easy installation. This switch also has 2 Mini-GBIC ports that accept optional gigabit fiber modules for greater flexibility. The TEG-2248WS supports web browser configuration; Network Administrators can use web browsers to configure port speed, port-based VLAN, QoS, Trunking and also to monitor each port's status. TRENDnet's powerful and easy-to-use TEG-2248WS is designed to reduce unnecessary broadcast traffic and enhance network security.

### FEATURES

- 48 x 10/100Mbps Auto-Negotiation and Auto-MDIX Fast Ethernet Ports
- 2 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/Half-Duplex Transfer Mode for each Port (only Full Duplex Mode for 1000Mbps)
- Store and Forward Switching Architecture
- Integrated address Look-Up Engine with 8K absolute MAC address table
- Supports 128K bytes RAM Data Buffering
- Back Pressure Flow Control for Half Duplex Mode
- Supports 802.1Q VLAN, IGMP Snooping and Port Trunking
- Supports IEEE 802.1p QoS
- Port Settings function, users can set each Port's Availability, Speed, Duplex mode and Flow Control
- Easy Window Based Management Utility and Web-Based Configuration
- Extensive Diagnostic LED's on the front panel
- Standard 1U (19") Rack-Mount Size (Rack-Mount Kit included)
- 5-Year Warranty
- \* Port Based VLAN and QoS limited to One Group. Group 1 (Ports 1 - 24) or Group 2 (Ports 25 - 52)

# 52-Port Gigabit Web-Based Smart Switch

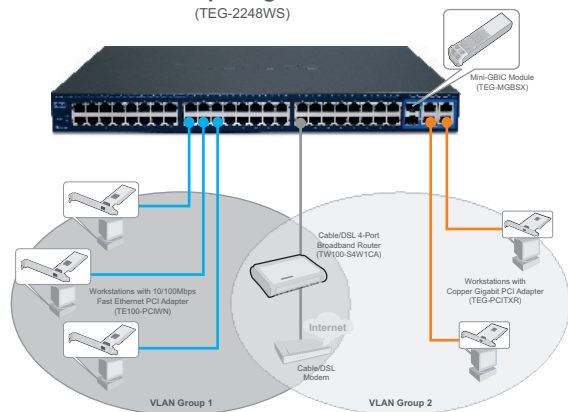
## TEG-2248WS

### 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</li> <li>IEEE 802.3x Full Duplex Flow Control</li> </ul>
Network Media	<ul style="list-style-type: none"> <li>Ethernet: UTP/STP Cat. 3, 4, 5 • Fast Ethernet: UTP/STP Cat. 5 • Gigabit: UTP/STP Cat. 5</li> </ul>
Protocol /Topology	<ul style="list-style-type: none"> <li>CSMA/CD, Star</li> </ul>
LAN Ports	<ul style="list-style-type: none"> <li>48 x 10/100Mbps Auto Negotiation, Auto-MDIX Fast Ethernet ports</li> <li>2 x 10/100/1000Mbps Auto Negotiation, Auto MDIX Gigabit ports</li> <li>2 x 1000Base-SX/LX Mini GBIC ports for optional Mini-GBIC modules</li> </ul>
Data Transfer Rate	<ul style="list-style-type: none"> <li>Ethernet: 10Mbps/20Mbps (Half-Duplex/Full-Duplex)</li> <li>Fast Ethernet: 100Mbps/200Mbps (Half-Duplex/Full-Duplex)</li> <li>Gigabit Ethernet: 2000Mbps (Full-Duplex)</li> </ul>
Address Table	<ul style="list-style-type: none"> <li>8K Entries</li> </ul>
Data RAM Buffer	<ul style="list-style-type: none"> <li>128KBytes</li> </ul>
Diagnostic LEDs	<ul style="list-style-type: none"> <li>Per Unit: Power, System • Per Fast Ethernet Port: Link/ACT, 100Mbps</li> <li>Per Cooper Gigabit Port: Link/ACT, Speed (1000M-Green, 100M-Amber) • Per Mini-GBIC Port: Link/ACT, 1000Mbps</li> </ul>
Power/Consumption	<ul style="list-style-type: none"> <li>100-240V AC, 50/60Hz Internal Universal Power Supply / 24 watts (max)</li> </ul>
Dimensions (W x D x H)	<ul style="list-style-type: none"> <li>440 x 200 x 44 mm (17.32" x 7.9" x 1.73")</li> </ul>
Weight	<ul style="list-style-type: none"> <li>2.6kg (5.78lbs)</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Operating : 0° ~ 40° C (32° ~ 104° F) Storage: -10° ~ 70° C (14° ~ 158° F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>10% ~ 90% (no-condensing)</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>CE, FCC</li> </ul>

### NETWORKING SOLUTIONS

52-Port 10/100/1000Mbps Gigabit Web Smart Switch  
(TEG-2248WS)



### PACKAGE CONTENTS

- TEG-2248WS
- Multi-Language User's Guide
- Web-Smart Utility CD-ROM
- Power Supply
- Rack Mount Kit

### RELATED PRODUCTS

TEG-160WS	16-Port Gigabit Web-Based Smart Switch
TEG-240WS	24-port 10/100/1000Mbps Gigabit Web-Based Smart Switch
TEG-448WS	48-Port 10/100/1000Mbps Gigabit Web Smart Switch

### ORDERING INFORMATION

**TRENDnet**<sup>®</sup>

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

To Order Please Call:

**1-888-326-6061**

