



## 4-Port Fast Ethernet Firewall Router TW100-BRF214 (v1.0R)

The 4-Port Fast Ethernet Firewall Router, model TW100-BRF214, is easy to setup and suitable for home office, small office, and medium sized business installations. It comes in a sturdy metal housing, offers four Fast Ethernet Ports, and features advanced QoS, Firewall, and event log functions.

Connection duration and type, firewall status, and system information event logs help with trouble shooting and network maintenance. This router supports dynamic IP, Static IP, PPPoE, PPTP, L2TP, DNS, and dynamic DNS connections. Access controls include URL, IP address, and MAC address filters. Advanced Denial of Service (DoS) capabilities include protection from IP Spoofing, Ping of Death, TCP Flooding and other attacks. Quality of Service (QoS) management functions set port-based bandwidth and DSCP queue priority controls.

## PRODUCT OVERVIEW

- 4 x 10/100Mbps Auto-MDIX LAN ports
- Easy installation and setup
- Highly configurable firewall
- Advanced QoS, DoS protection, and access filtering

## FEATURES

- 1 x 10/100Mbps Auto-MDIX port (WAN/Internet)
- 4 x 10/100Mbps Auto-MDIX ports (LAN)
- Supports Cable/DSL Modems with Dynamic IP, Fixed IP, PPPoE, PPTP, and L2TP connection types
- Supports Network Address Port Translation (NAPT)
- Firewall features include NAT and Stateful Packet Inspection (SPI)
- Advanced security features include Denial of Service (DoS) and ARP spoofing prevention
- Website access restriction by URL/Keyword (32 entries)
- MAC Address control to allow or deny access (32 entries)
- Client Filtering by Date/Time using TCP/UDP ports (20 entries)
- Supports Virtual Servers (40 Entries), DMZ (6 Entries), Port Trigger/Port Mapping (10 Entries)
- Multiple VPN pass-through sessions for IPsec, L2TP, and PPTP (100 VPN sessions)
- Supports static routes (20 entries)
- Supports Dynamic DNS service
- Includes port-based bandwidth control and DSCP
- Universal Plug and Play (UPnP) and Application Level Gateway support for Internet applications such as email, FTP, gaming, and more
- Easy Web browser configuration and remote management
- 3-year limited warranty

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ROUTERS

## SPECIFICATIONS

### HARDWARE

<b>Standards</b>	<ul style="list-style-type: none"><li>• IEEE 802.3 10BASE-T Ethernet; IEEE 802.3u 100BASE-TX Fast Ethernet</li></ul>
<b>WAN</b>	<ul style="list-style-type: none"><li>• 1 x 10/100Mbps Auto-MDIX port (Internet)</li></ul>
<b>LAN</b>	<ul style="list-style-type: none"><li>• 4 x 10/100Mbps Auto-MDIX ports</li></ul>
<b>Cabling</b>	<ul style="list-style-type: none"><li>• Ethernet: Cat. 5 up to 100 m</li><li>• Fast Ethernet: Cat. 5, 5e, 6 up to 100 m</li></ul>
<b>Data Transfer Rate</b>	<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></ul>
<b>LED Indicators</b>	<ul style="list-style-type: none"><li>• Power, WAN, Link/Act, LAN ports 1-4</li></ul>
<b>Dimension</b>	<ul style="list-style-type: none"><li>• 148 x 105 x 29 mm (5.8 x 4.1 x 1.1 in)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 437 g (15.4 oz.)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operating: 0°C ~ 40°C (32°F ~ 104°F)</li><li>• Storage: -10°C ~ 70°C (14°F ~ 158°F)</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>• Max. 90% (non-condensing)</li></ul>
<b>Power</b>	<ul style="list-style-type: none"><li>• Input: 100~240V AC, 50~60Hz</li><li>• Output: 5V DC, 1A</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• 4.1 W (max)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• CE, FCC</li></ul>

### ROUTER

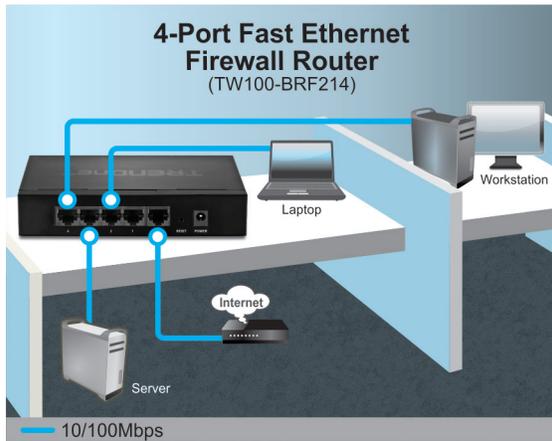
<b>Connection Type</b>	<ul style="list-style-type: none"><li>• Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP</li></ul>
<b>Network Protocols</b>	<ul style="list-style-type: none"><li>• TCP/IP, NAT/SPI, UDP, ICMP, PPPoE, UPnP, HTTP, DHCP, PAP, CHAP, DNS, DDNS, ARP, IGMP Snooping, NAPT, Multi-DMZ, DSCP</li></ul>
<b>Firewall</b>	<ul style="list-style-type: none"><li>• NAT/SPI</li><li>• DoS (Denial of Service) Prevention Options</li><li>• ARP Binding &amp; ARP Spoofing Prevention</li><li>• MAC Address Filter (32 entries)</li><li>• URL/Keyword Filter (32 entries)</li><li>• Client Filtering w/Scheduling (20 entries)</li><li>• Port Trigger/Special Applications (10 entries)</li><li>• Virtual Servers (40 entries)</li><li>• Port Mapping (10 entries)</li><li>• DMZ (6 entries)</li></ul>
<b>Application Layer Gateway (ALG)</b>	<ul style="list-style-type: none"><li>• Non-Standard FTP Port</li><li>• Netmeeting/H.323</li><li>• IPSec, L2TP, PPTP pass-through (Up to 100 VPN sessions)</li></ul>
<b>QoS</b>	<ul style="list-style-type: none"><li>• Port-based bandwidth control (Kbps) and DSCP</li></ul>
<b>Routing</b>	<ul style="list-style-type: none"><li>• Static Routes (20 entries) &amp; Dynamic RIP v1/2</li></ul>
<b>Management</b>	<ul style="list-style-type: none"><li>• Web browser configuration, Firmware upgrade through web browser, Save/Restore configuration, Ping tool, Internal Log, DNS Lookup</li></ul>

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ROUTERS

## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

TW100-BRF214

Multi-Language Quick Installation Guide

CD-ROM (User's Guide)

Network cable (1.5 m / 5 ft.)

Power adapter (5V DC, 1A)

## RELATED PRODUCTS

**TW100-S4W1CA** 4-Port Broadband Router

**TE100-S80g** 8-Port 10/100Mbps GREENnet Switch

**TE100-PCIWN** 10/100Mbps PCI Adapter

## CONTACT INFORMATION

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