108Mbps 802.11g Wireless Firewall Router
TEW-452BRP

The Wireless AP/Router is the cornerstone of your IEEE 802.11g wireless network. Capable of speeds of up to 108Mbps, the TEW-452BRP built-in AP facilitates seamless wireless communication between your devices. The unit's router enables you to share a single Internet account with multiple users, while its 10/100Mbps 4-port switch gives you the flexibility to support wired Ethernet connections. With WEP and WPA-compliant encryption protecting your information, you'll be able to share files, Internet connections, and other resources with the peace of mind you deserve. Other security features include a SPI firewall.

FEATURES

- Wi-Fi Compliant with IEEE 802.11g and 802.11b Devices
- 4 x 10/100Mbps Auto-MDIX LAN Ports and 1 x 10/100Mbps WAN Port (Internet)
- Supports Cable/DSL Modems with Dynamic IP, Static IP, PPPoE, PPTP, or L2TP Connection Types
- Supports Super G and XR (eXtended Range) Technology Data Rate up to 108Mbps (AP Mode Only)
- DHCP Server Feature Allocates up to 253 Client IP Addresses
- Supports 64/128-bit WEP, WPA and WPA2 Encryptions
- Supports MAC Address, IP, URL, Protocol Filters, Domain Blocking, and Firewall rules Access Controls
- Traffic Control with Virtual Server and DMZ
- Provides Additional Security with SPI / NAT firewall and Attack Alert via emails
- Provides Additional Security of Enable/Disable SSID, Password Protection
- Supports Static and Dynamic Routing
- Supports IPSec and PPTP VPN Pass-Through Sessions
- Flash Memory for Firmware Upgrade, Save/Restore Settings, and Traffic Log
- Easy Management via Web Browser (HTTP) and Remote Management
- Compliant with Windows 95/98/NT/2000/XP, Linux and Mac OS
- Range for Indoor of 30 ~ 50 meters (depends on the environment)
- Range for Outdoor of up to 200 meters (without XR), up to 450 meters (with XR) (depends on the environment)
- 3-Year Warranty

Note: Coverage and Speed performance might vary depending on the network environment.
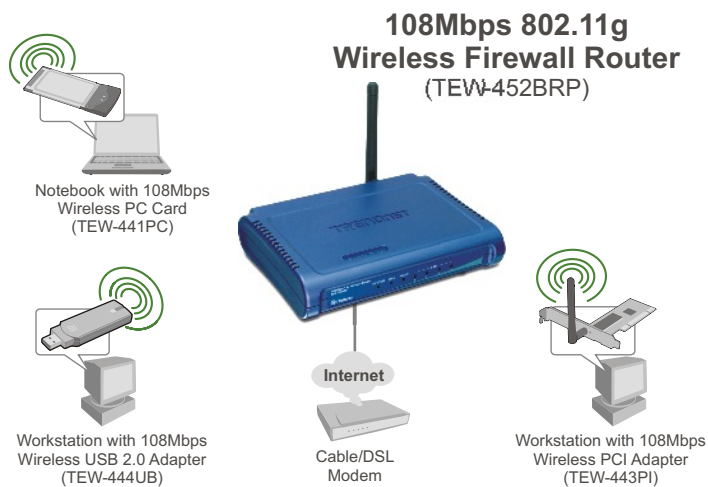
108Mbps 802.11g Wireless Firewall Router
TEW-452BRP

SPECIFICATIONS

Hardware

Standards	• **Wired:** IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), ANSI/IEEE 802.3 Auto Negotiation • **Wireless:** IEEE 802.11b (11Mbps), IEEE 802.11g (54Mbps)
WAN	• 1 x 10/100Mbps Auto-MDIX Port (Internet)
LAN	• 4 x 10/100Mbps Auto-MDIX Port
Connection Type	• Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP
Supported Protocols	• 802.3u: 10/100Mbps Fast Ethernet, IP v4, UDP, ICMP, TCP • Secure: PAP, CHAP, Network Timing Protocol, DHCP, Dynamic DNS, PPPoE, PPTP, L2TP, UPnP
LED Indicator	• System, Link, ACT, WAN, WLAN
Dual Diversity Antenna	• 1 x Internal Printed Antenna • 1 x 2dBi External Detachable Dipole Antenna (Female Reverse SMA Connector)
Dimension (L x W x H)	• 155 x 110 x 30 mm (6 x 4.3 x 1.2 inches)
Weight	• 226g (8 oz.)
Temperature	• Operation: 0°~ 55°C (32°F~ 131°) Storage: -10°~ 70°C (14°F~ 158°F)
Humidity	• Max. 95% (Non-Condensing)
Power Adapter	• 5V DC, 2.5A External Power Adapter
Certification	• FCC & CE

Wireless

Frequency	• 2.412 to 2.484GHz (Industrial Scientific Medical Band)
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM
Media Access Protocol	• CSMA/CA with ACK
Security	• 64/128-bit WEP, WPA(EAP)/WPA-PSK, WPA2(EAP)/WPA2-PSK
Transmit Power	• 15 dBm ± 2dBm
Data Rate	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • Super G: 108mbps
Receiving Sensitivity	• 11Mbps: -85 dBm @ 8% PER (typical) • 54Mbps: -70 dBm @ 10% PER (typical)
Channels	• 11 Channels (US), 13 Channels (EU)

NETWORKING SOLUTIONS

Notebook with 108Mbps Wireless PC Card (TEW-441PC)

Workstation with 108Mbps Wireless USB 2.0 Adapter (TEW-444UB)

108Mbps 802.11g Wireless Firewall Router (TEW-452BRP)

Internet

Cable/DSL Modem

Workstation with 108Mbps Wireless PCI Adapter (TEW-443PI)

PACKAGE CONTENTS

- TEW-452BRP
- Multi-Language QIG
- CD-ROM (User's Guide)
- Power Adapter (5V DC, 2A) & RJ-45 Cable (1.5m)

RELATED PRODUCTS

TEW-441PC	108Mbps 802.11g Wireless PC Card
TEW-443PI	108Mbps 802.11g Wireless PCI Adapter
TEW-444UB	108Mbps 802.11g Wireless USB 2.0 Adapter

ORDERING INFORMATION

TRENDNET®

20675 Manhattan Place, Torrance, CA 90501 USA
Tel: 1-310-961-5500
Fax: 1-310-961-5511
Web: www.trendnet.com
Email: sales@trendnet.com

To Order Please Call:

1-888-326-6061