



Wireless Super G Broadband Router TEW-452BRP (C1.0)

The Wireless Super G 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

- 2x the speed of wireless g* with wireless data speeds up to 108Mbps
- Stream videos, download files and play games wirelessly
- Create a network in minutes with Easy-Go installation
- A double firewall with Stateful Packet Inspection (SPI) and Network Attached Translation (NAT) protects from Internet attacks
- Advanced wireless encryption ensures data security (up to WPA2-PSK)
- Enjoy higher speeds and wider coverage with Super G XR (eXtended Range) technology
- Compatible with wireless b and g products
- 4 x 10/100Mbps Local Area Network(LAN) ports and 1 x 10/100Mbps Wide Area Network (WAN) port
- Supports up to 253 users
- Supports MAC Address, IP, URL, Protocol Filters, Domain Blocking and firewall access rules
- Built-in traffic control with Virtual Server and DMZ
- Additional security from enable/disable SSID and password protection
- Supports Static and Dynamic IP routing
- Supports IPSec and PPTP Virtual Private Network (VPN) pass-through sessions
- Flash memory for Firmware upgrade, save/restore settings, and traffic logs
- Easy local and remote management via Web browser
- Indoor range of up to 50 meters (depends on the environment)
- Outdoor range of up to 450 meters (with XR technology: depending on the environment)
- 3 year limited warranty

Wireless Super G Broadband Router

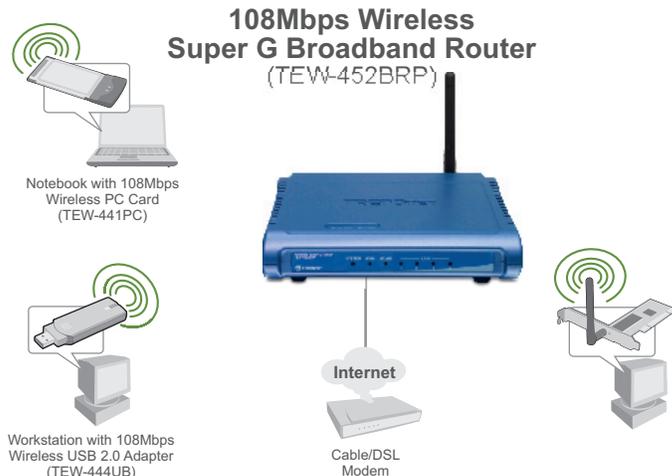
TEW-452BRP (C1.0)

SPECIFICATIONS

Hardware	
Standards	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 1 x 10/100Mbps Auto-MDIX Port (Internet)
LAN	<ul style="list-style-type: none"> 4 x 10/100Mbps Auto-MDIX Port
Connection Type	<ul style="list-style-type: none"> Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP
Supported Protocols	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> System, WAN, WLAN, LAN
Dual Diversity Antenna	<ul style="list-style-type: none"> 1 x Internal Printed Antenna • 1 x 2dBi External Detachable Dipole Antenna (Female Reverse SMA Connector)
Dimension (L x W x H)	<ul style="list-style-type: none"> 155 x 110 x 30 mm (6 x 4.3 x 1.2 inches)
Weight	<ul style="list-style-type: none"> 226kg (8oz.)
Temperature	<ul style="list-style-type: none"> Operation: 0°~ 55°C (32°F~ 131°) Storage: -10°~ 70°C (14°F~ 158°F)
Humidity	<ul style="list-style-type: none"> Max. 95% (Non-Condensing)
Power Adapter	<ul style="list-style-type: none"> 7.5V DC, 1A External Power Adapter
Certification	<ul style="list-style-type: none"> FCC & CE

Wireless	
Frequency	<ul style="list-style-type: none"> 2.412 to 2.484GHz (Industrial Scientific Medical Band)
Module Technique	<ul style="list-style-type: none"> 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps), 802.11g: OFDM
Media Access Protocol	<ul style="list-style-type: none"> CSMA/CA with ACK
Security	<ul style="list-style-type: none"> 64/128-bit WEP(ASCII/HEX), WPA/WPA2(AES/TKIP), WPA-PSK/WPA2-PSK(AES/TKIP)
Transmit Power	<ul style="list-style-type: none"> 15 dBm ± 2dBm
Data Rate	<ul style="list-style-type: none"> 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • Super G: 108Mbps
Receiving Sensitivity	<ul style="list-style-type: none"> 11Mbps: -82 dBm @ 8% PER (typical) • 54Mbps: -65 dBm @ 10% PER (typical)
Channels	<ul style="list-style-type: none"> 11 Channels (US), 13 Channels (EU)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-452BRP
- Multi-Language QIG
- CD-ROM (User's Guide)
- Power Adapter (5V DC, 2A)

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

