TRENDnet

TRENDware, USA

What's Next in Networking

TEW-435BRM(b1)
54Mbps 802.11g ADSL Firewall Modem Router

TRENDnet's TEW-435BRM delivers the most complete high-performance network solution. It includes a Wireless 802.11g 54Mbps Access Point, ADSL Modem, Firewall, Internet Router, and 4-Port Switch. The TEW-435BRM offers all-in-one Internet and network access. Advanced security includes Stateful Packet Inspection (SPI) Firewall and Application Level Gateway (ALG) for secured online communications.

FEATURES

- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Wireless Devices
- Supports Router (Router+Modem) or Modem (Modem only) Mode
- Compliant with ADSL, ADSL2, ADSL2+ on G.dmt, G.lite and T1.413 Multi-Mode PSTN Environments
- Compliant with PPPoE, PPPoA or IPoA Connection Types
- Provides 64/128-bit Wired Equivalent Privacy (WEP) and WPA-PSK Encryption
- Supports Filtering by URL, MAC Address, Services and Date/Time
- Supports Virtual DMZ, Virtual Servers (Port Forwarding) and Firewall Rules
- Supports RIP/Static Routing and Dynamic DNS Service
- Supports 100 sessions of VPN Pass-Through for PPTP, IPSec and L2TP
- NAT/NAPT, Rule-Based and SPI Firewall protect against DoS (Denial of Service) attacks
- Real-Time email alert and logs when attack/unauthorized Internet activity occurs
- DHCP Server feature supports up to 253 Users
- Supports UPnP (Universal Plug & Play) and ALGs Support Internet applications such as Email, FTP, Gaming, ICQ,Net Meeting, PING, Telnet, and more
- Supports most operating systems, such as Windows 95/98/ME/NT/2000/XP, Unix, and Mac
- Easy Configuration and Remote Management with Web Browser (HTTP)
- Supports SSID Enable/Disable Broadcasting Feature
- Built-in Flash memory for firmware upgrade
- Range of 35~100 meters indoor, 100~300 meters outdoor (depending on the environment)
- 3-Year Warranty

NEW IMPLEMENTS

- New Compact Standing Style Housing
- Supports Modem ONLY or Router/Modem Modes
- Supports SSID Broadcasting Enable/Disable Feature
- 1~14 Channels Universal Domain Support
- Supports User Name/Password for Log SMTP Authentication

WIRELESS

TEW-435BRM (b1)
54Mbps 802.11g ADSL Firewall Modem Router
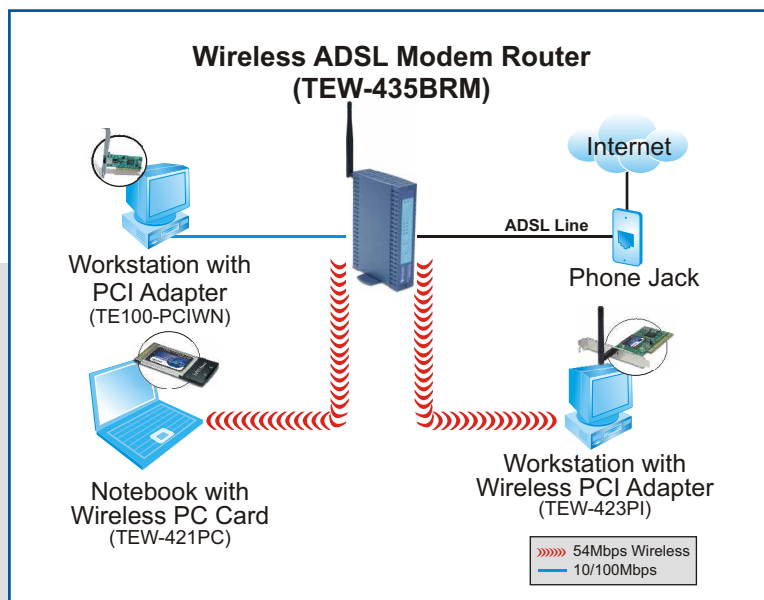
SPECIFICATIONS
Hardware

Standards	• IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX; IEEE 802.11g, IEEE 802.11b
Protocols	• NAT/NAPT, PPPoE & PPPoA, HTTP, DHCP (Client/Server), TCP/IP & UDP, PAP &CHAP, RIP1, RIP2B or 2M, DDNS, UPnP
Firewall	• NAT Firewall with ALGS, Rule-Based Policy Firewall, DoS (Denial of Service), Email Alert & Log
Security	• URL Filter, Access Control, Local Password
VPN Pass Through	• PPTP, IPSec, L2TP (up to 100 sessions)
ATM	• Supports AAl5, UBR, VPI Range (0~255) and VCI range (1~65535), 1 PVC (optional, up to 16 PVCs), OAM F4/F5 loopback, Payload Encapsulation
	• RFC2684 (RFC 1483), Multi-Protocol over ATM • RFC2225 (RFC1577), IPoA • RFC2364, PPP over ATM (CHAP &PAP) • RFC2516, PPPoE over ATM
Management	• Web-Based Management (HTTP)
WAN Port (ADSL line Interface)	• Complies with G.dmt (G.992.1) Annex A • Complies with G.lite (G.992.2) and T1.413 Annex A • Automatic-Rate Adaptation in step of 32kbps
	• Connector: RJ-11 • Line Impedance: 100 Ω
LAN Port	• 4 x RJ45 10/100Mbps Auto-Negotiation Port
Reset Button	• Reset to Factory Default
LED	• Power, Status, 4 x 100LAN, 4 x 10LAN, WAN, WLAN
Power	• 12V DC 800mA External Power Adapter
Dimensions	• 153 x 102 x 35.5mm (6 x 4 x 1.4 inches)
Weight	• 240g (8.5 oz)
Temperature	• Operating: 0˚~ 40˚C (32˚~ 104˚F) • Storage: -20˚~ 70˚C (-4˚~ 158˚F)
Humidity	• Operating: 10 ~ 90% RH • Storage: 5 ~ 95% RH
Certifications	• FCC, CE

Wireless

Modulation	• 802.11b: DSSS (PBCC, CCK, DQPSK, DBPSK) • 802.11g: OFDM
Data Rate (Auto Fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps
Frequency Range	• 2.4 ~ 2.497 GHz
Channels	• 1~14 Channel (Universal Domain Selection)
Antenna	• 1 x 2dBi External Detachable Dipole Antenna with Reverse SMA Connector
Security	• 64/128-Bit WEP (Hex or Passphrase), WPA-PSK (TKIP)
Output Power	• 802.11b: 18dbm • 802.11g: 12 ~ 14dbm
Receiving Sensitivity	• 11Mbps 10 – 5 BER @ -82 dBm (typical) • 54Mbps 10 – 5 BER @ -72 dBm (typical)

NETWORKING SOLUTIONS

Wireless ADSL Modem Router (TEW-435BRM)

Internet

ADSL Line

Phone Jack

Workstation with PCI Adapter (TE100-PCIWN)

Notebook with Wireless PC Card (TEW-421PC)

Workstation with Wireless PCI Adapter (TEW-423PI)

〉〉〉〉 54Mbps Wireless
—— 10/100Mbps

PACKAGE CONTENTS

• TEW-435BRM	• 1 x RJ11 Telephone Cable
• Quick Installation Guide	• Power Adapter (12V DC 800mA)
• CD-ROM (User's Guide)	
• 1 x 1.5m (5ft.) Cat.5 Cable	

RELATED PRODUCTS

TEW-423PI	• 802.11g 54Mbps Wireless PCI Adapter
TEW-421PC	• 54Mbps 802.11g Wireless PC Card
TW100-BRM504	• 4-Port ADSL Modem Firewall Router

ORDERING INFORMATION

TRENDware International, Inc.
3135 Kashiwa Street, Torrance, CA. 90505. USA
Tel: 310-891-1100
Fax: 310-891-1111
Web: www.TRENDNET.com
Email: sales@trendware.com

To Order Please Call:
1-888-326-6061