



54Mbps 802.11g ADSL Firewall Modem Router TEW-435BRM (C1)

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 up to 100 VPN Pass-Through sessions for PPTP, IPSec or L2TP connection
- 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

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SPECIFICATIONS

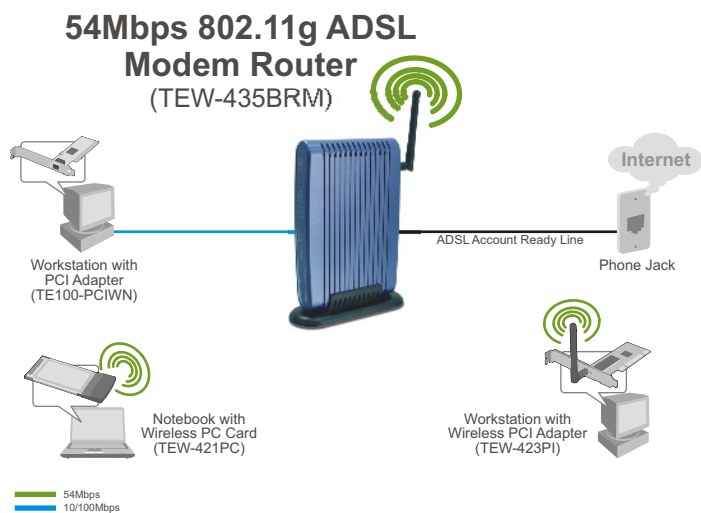
Hardware	
Standards	<ul style="list-style-type: none">• IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX; IEEE 802.11g, IEEE 802.11b
Protocols	<ul style="list-style-type: none">• NAT/NAPT, PPPoE&PPPoA, HTTP, DHCP(Client/Server), TVP/IP & UDP, PAP & CHAP, RIP1, RIP2, DDNS, UPnP
Firewall	<ul style="list-style-type: none">• NAT Firewall with ALGs, Rule-Based Policy Firewall, DoS (Denial of Service) attack Firewall; E-mail Alerts and Log
Security	<ul style="list-style-type: none">• URL Filter, Access Control, Local Password
VPN Pass Through	<ul style="list-style-type: none">• PPTP, IPSec, L2TP (up to 100 sessions)
VPN IPSec Client	<ul style="list-style-type: none">• Up to 8 Simultaneous IPSec Tunnels• Throughput 1.5Mbps
ATM	<ul style="list-style-type: none">• TM Cell over AAL5• Support UBR/CBR/VBR• VPI Range (0-255) and VCI range (32-65535)• Support 4PVCs• Support OAM F4/F5 loopback• Payload Encapsulation<ul style="list-style-type: none">– RFC2684 (RFC 1483 / 2684), multi-protocol over ATM– RFC2684 (RFC 1483 / 2684), Bridge mode– RFC2225 (RFC 1577), IPoA– RFC2364, PPP over ATM (CHAP and PAP supported)– RFC2516, PPPoE (PPP over Ethernet) over ATM• Support auto-detection for VPI/CVI and multiplexing method (VC-based, LLC-based)
Management	<ul style="list-style-type: none">• Web-Based Management (HTTP)
WAN Port (ADSL line Interface)	<ul style="list-style-type: none">• Complies with G.dmt (G.992.1) Annex A• Complies with G.lite (G.992.2) and T1.413 Annex A• ITU G.992.3 Annex A ADSL2, ITU G.992.5 Annex A ADSL2+• RJ-11 connector, Line Impedance: 100 Ω
LAN Port	<ul style="list-style-type: none">• 4 x 10/100Mbps Auto-MDIX and Auto-Negotiation RJ-45 Port
Reset Button	<ul style="list-style-type: none">• Reset to Factory Default
LED	<ul style="list-style-type: none">• Power, Status, 4x100LAN, 4x10LAN, ADSL, WLAN, Internet
Power	<ul style="list-style-type: none">• 12V DC 1A External Power Adapter
Dimensions	<ul style="list-style-type: none">• 175 x 115 x 30mm (6.9 x 4.5 x 1.2 inches)
Weight	<ul style="list-style-type: none">• 280g (9.9 oz)
Temperature	<ul style="list-style-type: none">• Operating: 0°~ 40°C (32°~ 104°F) ; Storage: -20°~ 70°C (-4°~ 158°F)
Humidity	<ul style="list-style-type: none">• Operating: 10 ~ 90% RH ;Storage: 5 ~ 95% RH
Emissions	<ul style="list-style-type: none">• FCC, CE

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Wireless	
Standards	<ul style="list-style-type: none">• IEEE 802.11b, IEEE 802.11g
Modulation	<ul style="list-style-type: none">• 802.11b: DSSS (PBCC, CCK, DQPSK, DBPSK)• 802.11g: OFDM
Data Rate (Auto Fallback)	<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
Frequency Range	<ul style="list-style-type: none">• 2.4 ~ 2.497 GHz
Channel	<ul style="list-style-type: none">• 1~14 Channel (Universal Domain Selection)
Antenna	<ul style="list-style-type: none">• 1 x 2dBi External Detachable Dipole Antenna with Reverse SMA Connector
Security	<ul style="list-style-type: none">• 64/128-Bit WEP (Hex or Passphrase), WPA-PSK (TKIP)
Output Power	<ul style="list-style-type: none">• 802.11b: 18dbm• 802.11g: 12 ~ 14dbm
Receiving Sensitivity	<ul style="list-style-type: none">• 11Mbps 10 – 5 BER @ -82 dBm (typical)• 54Mbps 10 – 5 BER @ -72 dBm (typical)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

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

RELATED PRODUCTS

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

ORDERING INFORMATION

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