



## **TEW-431BRP** **Cable/DSL 802.11g 54Mbps Wireless Router**

TRENDnet's TEW-431BRP 54Mbps Wireless Cable/DSL Router allows you to work where you want to by delivering high-performance wireless networking to your home or office. The TEW-431BRP includes a 54Mbps wireless access point, 4 x 10/100Mbps Switch and an Internet router all in one. The router complies with the IEEE 802.11g standard for assured compatibility with both 802.11g and 802.11b devices. Advanced wireless security supports up to 128-bit WEP encryption. Restrict Internet access to groups or individuals based on specific services, URL or Time/Date. Cut the wires and roam free knowing your information is secure with TRENDnet's 802.11g wireless products.



### **FEATURES**

- ... IEEE 802.11g, 802.11b Wireless Standards Compliant
- ... Built-in 4 Port 10/100Mbps Auto-Sensing and Auto-MDIX Switch
- ... Supports Cable Modem/xDSL Modem (Dynamic IP, Static IP, PPPoE, PPTP)
- ... 2dBi Detachable Antenna with Reverse SMA Connector
- ... High Speed Wireless Connection up to 54Mbps with automatic fallback
- ... 64/128-bit Wired Equivalent Privacy (WEP) with HEX or ASCII key
- ... Supports up to 100 (IPSec, PPTP, L2TP) VPN Pass-Through sessions simultaneously
- ... Web Access Restriction using URL Keywords and Services Type
- ... Supports DMZ and Virtual Servers (Port Forwarding)
- ... Firewall features Network Address Translation (NAT), and Stateful Packet Inspection (SPI) protects against Dos attacks
- ... Supports UPnP (Universal Plug & Play)
- ... Real-Time email alert and logs when attack/unauthorized Internet activity occurs
- ... Supports Static Routing and Dynamic DNS Service
- ... DHCP Server feature, allocates up to 253 Users
- ... Easy Configuration and Remote Management with Web Browser (HTTP)
- ... ALGs Supports Internet applications such as Email, FTP, Gaming, ICQ, NetMeeting, PING, Telnet, and more
- ... Flash memory for firmware upgrade
- ... 3-Year Warranty

### **BENEFITS**

- ... **Easy Integration:**  
Internet Router, Access Point, and 4-port 10/100Mbps Switch all in one unit. Share your broadband Internet connection with 802.11g/802.11b wireless and wired Ethernet clients.
- ... **Cost-Effectiveness:**  
Saves on network cable installation fee and on-line charges.
- ... **Security:**  
NAT firewall protection keeps hackers out. 64/128-bit WEP protect Access Point from unwanted wireless clients.
- ... **Traffic Control:**  
Controls network traffics with DMZ, Access Control and Virtual Server.
- ... **Performance:**  
Share your high-speed Internet access with wireless connection speed up to 54Mbps.  
Share your high-speed Internet access with wireless connection speed up to 54Mbps.

# TEW-431BRP

## Cable/DSL 802.11g 54Mbps Wireless Router

### SPECIFICATIONS

#### Standards:

- IEEE 802.3 (10Base-T), and IEEE 802.3u (100Base-TX), IEEE 802.11b (11Mbps), and IEEE 802.11g

#### Protocols:

- DHCP (Client and Server), TCP/IP, IPX, NetBEUI, NAT, PPPoE, PPTP

#### Module Technique:

- 802.11b: 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:

- 11 Channels (US)

#### Security:

- 64/128-bit (WEP)

#### Antenna Connector:

- 1 x Male Reverse SMA Connector

#### Antenna:

- 1 x 2dBi External Detachable Dipole Antenna

#### Output Power:

- 15 dBm  $\pm$  1dBm

#### Receiving Sensitivity:

- 11Mbps: 10 – 5 BER @ -80 dBm (typical)
- 54Mbps: 10 – 5 BER @ -65 dBm (typical)

#### WAN/Local Port:

- UTP/STP RJ-45, 10/100Mbps, Half/Full Duplex, Auto-MDIX

#### LED Indicators Unit:

- Power, Status, WAN, WLAN

#### LAN Port:

- Link/Act, 100

#### Power Adapter:

- 12V DC, 800mA External Power Adapter

#### Dimensions (LxWxH):

- 141 x 100 x 27 mm (5.5 x 3.9 x 1.06 inches) (without antennas)

#### Weight:

- 370 g. (13 oz.)

#### Temperature:

- Operating: 0°~ 40°C (32°F~ 104°F)
- Storage: -10°~ 70°C (14°F~ 158°F)

#### Humidity:

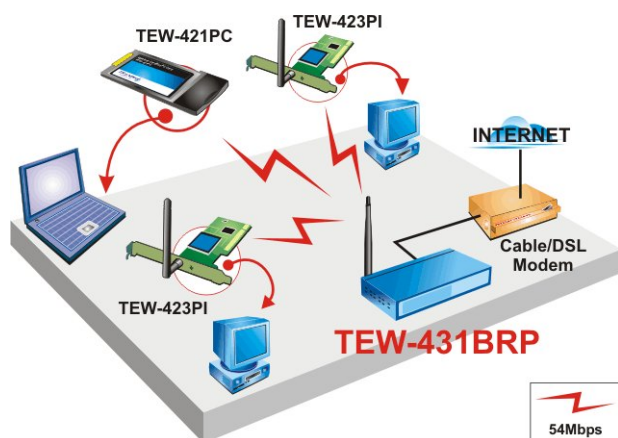
- Max. 95% (non-condensing)

#### Certification:

- FCC, CE



### NETWORKING SOLUTIONS



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

### PRODUCT INFORMATION

- **TEW-431BRP:** Cable/DSL 802.11g 54Mbps Wireless Router
- **TEW-423PI:** 802.11g 54Mbps Wireless PCI Adapter
- **TEW-421PC:** 54Mbps 802.11g Wireless PC Card
- **TEW-403PI:** 54Mbps 802.11g Wireless PCI Adapter
- **TEW-IA040:** 4dBi Omni Indoor Antenna
- **TEW-IA06D:** 6dBi Directional Indoor Antenna
- **TEW-OA080K:** 8dBi Omni Direction Outdoor Antenna
- **TEW-OA14DK:** 14dBi Directional Outdoor Antenna
- **TEW-OA24D:** 24dBi Directional Parabolic Outdoor Antenna

### ORDERING INFORMATION

#### TRENDware International, Inc.

3135 Kashiwa Street  
Torrance, CA. 90505. USA  
Tel: 310-891-1100  
Fax: 310-891-1111  
Web: [www.TRENDNET.com](http://www.TRENDNET.com)  
Email: [sales@trendware.com](mailto:sales@trendware.com)

