



## ORDERING INFORMATION

Model	Description
CWR-854	54Mbps Wireless-G Router with 4-port Switch

### CWR-854 – 54Mbps Wireless-G Router with 4-port Switch

The CNet 54M Wireless-G Router features an integrated 4-port 10/100Base-T Ethernet switch which allows you to connect wired computers for all the advantages of networking. It makes sharing files and peripherals, such as hard drives, printers, CD-ROMs, DVDs-and easier than ever. The Router offers advanced features for the highest level of flexibility. Using its firewall, this Router protects your network from outside intrusions by enabling the built-in firewall function. Its PPTP allows you to work from another location using Virtual Private Networking (VPN). DMZ hosting lets you play accelerated games over the Internet; the CWR-854 can encrypt all transmissions with advanced security and firewall of a full-scale at a fraction of the price.

CNet also provides a family of wired and wireless LAN products that deliver the same level of security, scalability, and manageability for WLANs that customers have come to expect in their wired LAN, including Routers, Switches, Broadband Modems, and Network Adapters.

### KEY FEATURES

- Ensures data and network security with wireless 64-bit and 128-bit WEP data encryption
- Supports Wi-Fi alliance WPA and WPA2 for wireless security
- Uses NAT firewall to protect network from outside intrusion by hackers
- Provides secure, remote PPTP access to network with VPN technology
- Wireless access control by MAC address (deny or accept)
- Supports WDS function to extend your wireless scope.

## SPECIFICATIONS

Product Name	Wireless-G Router
Model Name	CWR-854
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3X, IEEE 802.11b, IEEE 802.11g
Networking Protocols	TCP/IP, NetBIOS, IPX/SPX
Channels	1-11 (U.S.) 1-13 (Elsewhere Worldwide) 1-13,14 (Japan)
LAN interface	One WAN 10/100 BaseT with RJ-45 connector Four LAN 10/100 BaseT with RJ-45 connector
Media Support	CAT 5 Ethernet Cabling or Better
Data Rate	IEEE 802.11b: 1, 2, 5.5, 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54 Mbps 10/100 Mbps (Ethernet)
Modulation	802.11b: CCK, DQPSK, DBPSK 802.11g: OFDM
Security	Hardware-based IEEE 802.11i encryption/decryption engine, including 64-bit/128-bit WEP, TKIP and AES
Transmit Power	IEEE 802.11b: 17dBm (typical) IEEE 802.11g: 13dBm (typical)
Antenna	One Plug-in type with 2 dBi antenna (Standard) Two Detachable 2 dBi antenna (Option)
Diagnostic LEDs	Power: Green WLAN: Green WAN: Green LAN: Link/Speed: Yellow
Reset Button	Reset to factory default
Power Requirement	9V DC, 800mA
Environment	Operating Temperature: 0° ~ 40°C (32° ~ 113°F) Storage Temperature: -20° ~ 70°C (-4° ~ 158°F) Humidity: 10% ~ 90% Non-condensing
Certifications	CE, FCC
Dimensions (L x W x H)	145 x 85 x 30.25 mm (5.7 x 3.3 x 1.2 inches)