

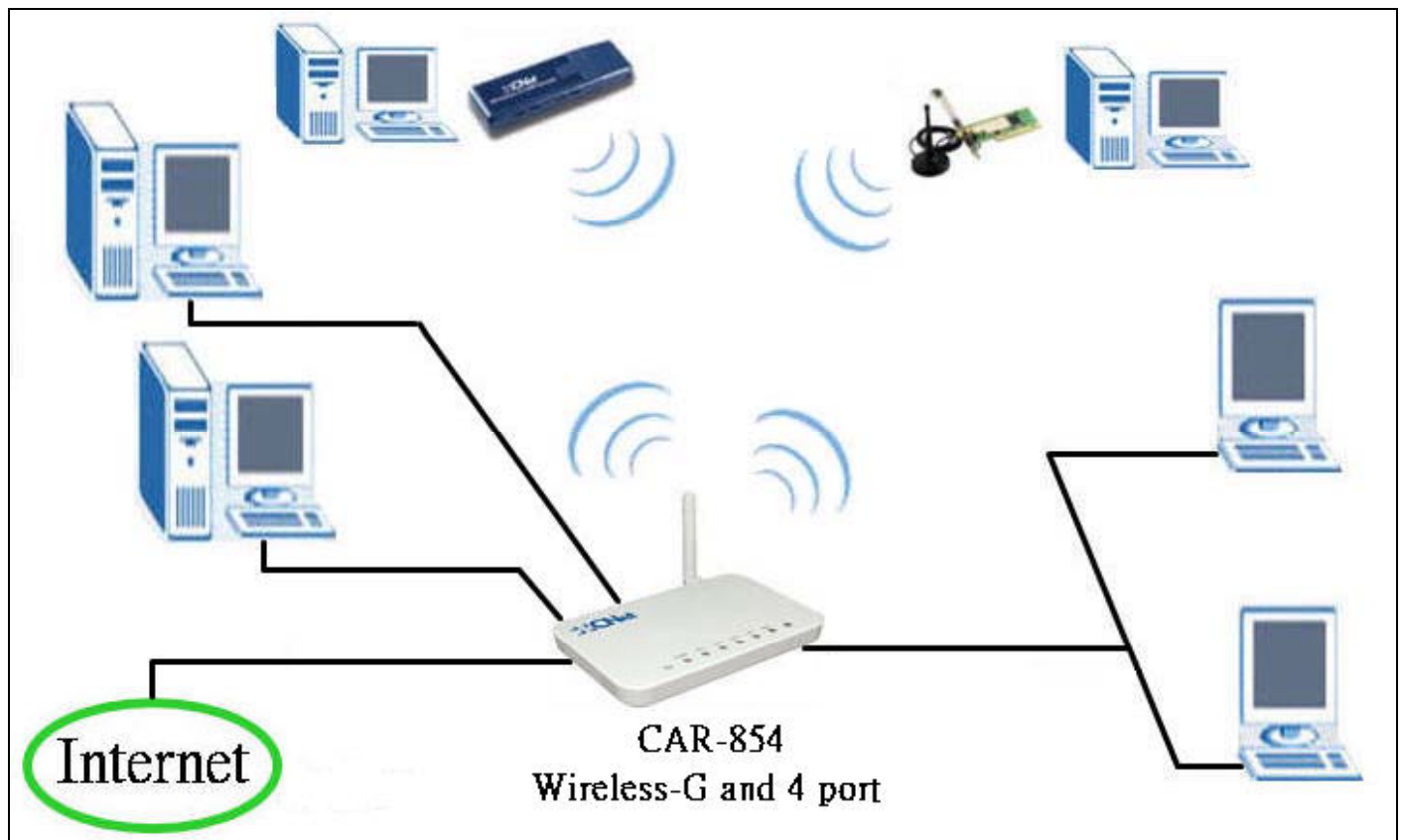
## CAR-854 ADSL2/2+ WIRELESS-G ROUTER

[www.cnetusa.com](http://www.cnetusa.com)

CAR-854 is an all in one box router providing high speed Internet access as well as secure wireless networking. CNet CAR-854 is an ADSL2/2+ Router that combines the functions of a full-featured router, ADSL2+ Full Rate Modem, a 4 x 10/100BASE-TX switch ports and an IEEE802.11g Access Point – all in a single chassis and at a breakthrough price point. CAR-854 ADSL 2/2+ Router is fully compliant with ADSL, ADSL2, ADSL2+ specification. This rate-adaptive solution is especially designed for enterprise, telecommuters, home or SOHO users that supports ADSL downstream and upstream data rates up to 24 Mbps and 1 Mbps. Moreover, firewall protection secures the computers and network against hackers.

### Key Features

- ADSL2/2+ router, 4-port switch, and 802.11b/g Access Point
- Wireless data rates up to 54Mbps
- Advanced wireless security with WEP, WPA, WPA2 encryption
- Support WPS for easy and secure wireless setup
- Web-based and SNMP management
- System configuration and firmware upgradeable via Web Browser
- Supports up to 4 BSSIDs
- Support QoS



## SPECIFICATIONS

<b>Model</b>	<b>CAR-854</b>
<b>ADSL Data Mode</b>	G.992.1 (G.DMT): Downstream and Upstream data rates up to 8Mbps and 1Mbps G.992.2 (G.Lite): Downstream and Upstream data rates up to 1.5Mbps and 512Kbps G.992.3 (G.dmt.bis/ADSL2): Downstream and Upstream data rates up to 12Mbps and 1Mbps G.992.5 (ADSL 2+): Downstream and Upstream data rates up to 24Mbps and 1Mbps
<b>Bridging/ Rouetr Protocols</b>	IEEE802.1P/Q VLAN handling IP v4/v6, TCP, UDP,packet auto-detection TCP, UDP, IP checksum task offload DHCP, NAT and higher IP layer processing
<b>Interface</b>	One RJ-11 port for ADSL connection Four 10/100Mbps RJ-45 LAN Ports One SMA connector One reset button One power jack One power ON / OFF switch
<b>LAN Mode</b>	ATM SAR with up to 8 distinct VCC's(Virtual Channel Connections) ATM AAL5 support for CBR, UBR, VBR-rt, and VBR-nrt F4/F5 OAM cell support, HEC, CRC
<b>WAN Mode</b>	PPP over ATM PPP over Ethernet
<b>Security</b>	User Authentication for PPP PAP (Password Authentication Protocol), CHAP (Challenge Authentication Protocol) Password Protected System Management
<b>Management</b>	Web, SNMP
<b>Power Adapter</b>	DC 12V, 1A
<b>Environment</b>	Operating Temperature:0° ~ 60°C Storage Temperature: -20° ~ 70°C Humidity: 10% ~ 90% Non-condensing
<b>Dimensions (L x W x H)</b>	7.04 x 4.64 x 0.96 inches (176 x 116 x 24mm)
<b>Certifications</b>	CE, FCC
<b>Wireless Protocol and Encapsulation</b>	
<b>Operation channel</b>	2.412~2.462GHz / 11 Channel
<b>Access/Protocol</b>	CSMA/CA
<b>Security</b>	WEP 64/128bit WPA (TKIP with IEEE 802.11x) WPA2(AES with IEEE 802.11x)
<b>Antenna</b>	One external detachable –SMA type connector
<b>RF Output Power (Typical)</b>	802.11b: up to 17±1dBm 802.11g: up to 14±1dBm
<b>Data Rate</b>	802.11b: 11, 5.5, 2 & 1Mbps with auto-rate fall back 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps