



ORDERING INFORMATION

Model	Description
CAR-854	Wireless-G 4-Port ADSL 2/2+ Router

HIGH SPEED INTERNET ACCESS, NETWORKING, SECURITY IN ONE BOX

CNet's CAR-854 incorporates a Wireless LAN Access Point with ADSL2/2+ Router that allows up to 32 wireless devices to connect to your network at a blazing 54Mbps, without running cables through the house. It is a highly secure, reliable, and easy-to-use wireless LAN solution for residential and business applications. Standard features include powerful security mechanisms such as Wired Equivalent Privacy (WEP) and Wi-Fi Protected Access (WPA), both of which allow users to communicate and access data with efficient link quality and high-level network security. CAR-854 is fully compliant with ADSL, ADSL2, ADSL2+, RE-ADSL and IEEE 802.11b/g specifications that is specially designed for enterprises, telecom operators, home or SOHO users and ADSL downstream/upstream data rates up to 24Mbps and 1 Mbps respectively. The Wireless-G ADSL2/2+ Router is an all-in-one solution for super high speed Internet connectivity in your home and offices.

Key Features

- All-in-One Internet-sharing ADSL Router, 4-port ADSL Switch, and 802.11b/g Access Point
- Wireless data rates up to 54Mbps
- Advanced wireless security with 128-bit WEP/256-bit and WPA encryption
- Easy-to-Use Web-based setup wizard to simplify installation
- System configuration and firmware upgradeable via Web Browser
- Supports VPN pass through

SPECIFICATIONS

Model	• CAR-854
ADSL Data Mode	<ul style="list-style-type: none"> • 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
ATM Protocol	<ul style="list-style-type: none"> • WAN Mode Supports PPP Over ATM (PPPoA) and PPP Over Ethernet (PPPoE) • LAN Mode Supports Routed/Bridge Ethernet Over ATM • Classical Internet Protocol Over ATM (IPoA) • Supports ATM SAR, ATM AAL5, ATM Forum UNI3.1/4.0 PVC and up to 8 PVCs • Supports UBR,GFR,CBR and VBR service classes
Interface	<ul style="list-style-type: none"> • Four 10/100Mbps RJ-45 LAN Ports • One RJ-11 jack for phone line connection
Bridge Mode	<ul style="list-style-type: none"> • Ethernet to ADSL Self-Learning Transparent Bridging (IEEE 802.1D) • Spanning Tree Protocol • MAC filtering to accept or deny packets
Router Mode	<ul style="list-style-type: none"> • Supports Static and Dynamic Routing (RIPv2) • Supports DHCP (Dynamic Host Configuration Protocol) Server and Client • Supports NAT (Network Address Translation) • Supports ICMP (Internet Control Message Protocol) • Supports IP filtering to accept or deny packets

Security	<ul style="list-style-type: none"> · User Authentication for PPP · PAP (Password Authentication Protocol), CHAP (Challenge Authentication Protocol) · Password Protected System Management
Channels	<ul style="list-style-type: none"> · 1-11 (U.S) · 1-13 (ETSI)
Modulation	<ul style="list-style-type: none"> · 802.11g: OFDM · 802.11b: CCK, DQPSK, DBPSK
Power	<ul style="list-style-type: none"> · External DC12V, 1A
Environment	<ul style="list-style-type: none"> · Operating Temperature: 0° ~ 45°C (32° ~ 113°F) · Storage Temperature: -20° ~ 70°C (-4° ~ 158°F) · Humidity: 10% ~ 90% Non-condensing
Certifications	<ul style="list-style-type: none"> · CE, FCC
Dimensions (L x W x H)	<ul style="list-style-type: none"> · 175 x 133 x 26 mm (6.89 x 5.23 x 1.02 inches)