



## ORDERING INFORMATION

Model	Description
CWA-854	Wireless-G Access Point

### Wireless-G Access Point

This CNet Wireless-G Access Point is an affordable IEEE 802.11b/g wireless LAN device, which is a feature-rich and high-performance solution for connecting multiple LANs in a MAN (Metro Area Network). Building an Enterprise area and MAN wireless infrastructure with the CNet Wireless-G Access Point. Users are able to access network resources including email and Internet at speed of up to 54 Mbps raw data rate. Once Users are connected, they can keep in touch with their e-mail, access the Internet, and use instant messaging to chat with friends, and share files and other resources such as printers and network storage with other computers on the network.

With CWA-854, wireless LAN users can connect at speeds up to 54 Mbps and interoperate with existing popular Wireless-B equipment. To protect your data and privacy, the CWA-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

- 64/128 bit WEP encryptions provides maximum wireless security
- Supports Wi-Fi alliance WPA and WPA2 for wireless security
- Access control screens device MAC addresses to ensure only trusted client's access the WLAN
- One 10/100 port with Auto MDI/MDI-X provide wired LAN connectivity; up to 253 (45 wireless) users.
- Wireless access control by MAC address (deny or accept)
- Supports WDS function to extend your wireless scope.

### PRODUCT SPECIFICATIONS

Product Name	Wireless-G Access Point
Model Name	CWA-854
Standards	<ul style="list-style-type: none"> <li>• IEEE 802.3</li> <li>• IEEE 802.3u</li> <li>• IEEE 802.3X</li> <li>• IEEE 802.11b</li> <li>• IEEE 802.11g</li> </ul>
Networking Protocols	TCP/IP, NetBIOS, IPX/SPX
Channels	<ul style="list-style-type: none"> <li>• 1-11 (U.S.)</li> <li>• 1-13 (Elsewhere Worldwide)</li> <li>• 1-13,14 (Japan)</li> </ul>
LAN interface	One 10/100 BaseT with RJ-45 connector
Media Support	CAT 5 Ethernet Cabling or Better
Data Rate	<ul style="list-style-type: none"> <li>• IEEE 802.11b: 1, 2, 5.5, 11 Mbps</li> <li>• IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, and 54 Mbps</li> <li>• 10/100 Mbps (Ethernet)</li> </ul>

Modulation	<ul style="list-style-type: none"> <li>• 802.11b: CCK, DQPSK, DBPSK</li> <li>• 802.11g: OFDM</li> </ul>
Dimensions (L x W x H)	• 129.5 x 78.5 x 26.7 mm (5.1" x 3.1" x 1.05")
Security	Hardware-based IEEE 802.11i encryption/decryption engine, including 64-bit/128-bit WEP, TKIP and AES
Transmit Power	<ul style="list-style-type: none"> <li>• IEEE 802.11b: 17dBm (typical)</li> <li>• IEEE 802.11g: 13dBm (typical)</li> </ul>
Antenna	<ul style="list-style-type: none"> <li>• Two detachable 2 dBi Antenna</li> <li>• Supports: Transmit (Single) and Receive (Diversity) Antenna</li> </ul>
Diagnostic LEDs	<ul style="list-style-type: none"> <li>• Power (Green),</li> <li>• Link (Green),</li> <li>• WLAN (Green)</li> </ul>
Power Requirement	• 5V DC, 2.5A
Environment	<ul style="list-style-type: none"> <li>• Operating Temperature: 0° ~ 45°C (32° ~ 113°F)</li> <li>• Storage Temperature: -20° ~ 70°C (-4° ~ 158°F)</li> <li>• Humidity: 10% ~ 90% Non-condensing</li> </ul>