

ORDERING INFORMATION

Model	Description
CWA-854HT	54Mbps Wireless-G High Transmission Access Point

54Mbps Wireless-G High Transmission Access Point

This CNet Wireless-G High Transmission Access Point is fully compliant with IEEE 802.11b/g standard while providing higher wireless output power and wider radio signal coverage. Creating a wireless network in an Enterprise environment and MAN area with this CNet Wireless-G High Transmission Access Point, users are able to access network resources including e-mails, printer sharing, file sharing and Internet at speed of up to 54 Mbps data rate. CWA-854HT is capable of interoperating with existing popular Wireless-B/G equipment. To protect your data and privacy, the CWA-854HT encrypts all data 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
- One 10/100 port with Auto MDI/MDI-X provide wired LAN connectivity; up to 253 (40 wireless) users.
- Wireless access control by MAC address (deny or accept)
- Supports WDS function to extend your wireless scope.
- High performance wireless features combine with a typical
 - 65 dBm receive sensitivity(RX) at 54 Mbps 15 dBm transmit power(TX)
 - 80 dBm receive sensitivity(RX) at 11 Mbps 19 dBm transmit power(TX)

PRODUCT SPECIFICATIONS

Product Name	Wireless-G High Transmission Access Point
Model Name	CWA-854HT
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3X, IEEE 802.11b, IEEE 802.11g,
Channels	1-11 (U.S.) 1-13 (Elsewhere Worldwide) 1-13,14 (Japan)
LAN interface	One 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: +19dBm +/- 2dBm IEEE 802.11g: +15dBm +/- 2dBm
Antenna	Two detachable Antennas Supports: Transmit (Single) and Receive (Diversity) Antenna
Certifications	CE, FCC
Diagnostic LEDs	Power (Green), Link (Green), WLAN (Green)
Power Requirement	9V DC, 0.8A
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
Dimensions (L x W x H)	129.5 x 78.5 x 26.7 mm (5.1" x 3.1" x 1.05")