



Product Overview



The NWH2210 provides a wireless connection to the Internet or to share resources for an Ethernet-enabled device. With no software driver required for set-up, and regardless of any operating system, the NWH2210 allows not only desktop or notebook PC wirelessly accessing network, but also extends fast, simple and flexible wireless networking capabilities to printers, scanners, barcode reader, medical equipment, industrial machinery and other data collection devices, which don't have PCI or PCMCIA slot available

Featuring an integrated built-in dual dipole antenna for robust operation in radio frequency hostile environments, and complying with the IEEE 802.11b standard, the NWH2210 is a high performance, easily managed wireless adapter for fast and reliable networking.

Key Features and Benefits

Industrial IEEE 802.11b Standard Compliant

Complies with the IEEE 802.11b DSSS (Direct Sequence Spread Spectrum) wireless standard, ensuring full product interoperability between vendors.

Ease of Use

The NWH2210 provides Ethernet-enabled device an easy and hassle free wireless alternative to access network. Setting the NWH2210 initial configuration first with user-friendly interface, then simply plug an Ethernet-enabled device to the NWH2210, and ready to go wireless.

11Mbps High Transmission Speed and Quality

With our advanced radio frequency technology on receiving and transmission design for best quality of data transmission, leads the outstanding performance and up to 11Mbps transmission speed:

- Advanced integrated built-in dual dipole antenna with diversity both better for receiving and transmission quality.
- Superior receiving sensitivity enhances receiving quality on weak data signal.

Secure Transmissions

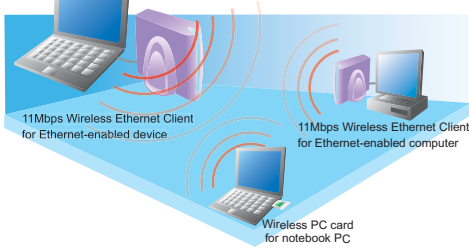
- WEP: 64 & 128-bit secured WEP (Wired Equivalent Privacy) encryption for securing wireless LAN data transmissions.
- SSID: Only stations using the same SSID (Service Set ID) are permitted to communicate with each other.

Supports Seamless Roaming:

- Roam freely from Access Point to Access Point with uninterrupted network connectivity.

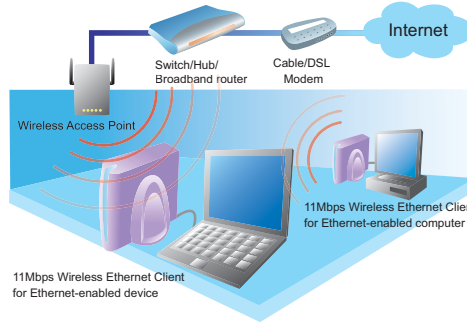


11Mbps Wireless Ethernet Client Application Scenarios



Ad-Hoc Mode:

Ad-hoc mode allows a number of wireless stations (without an Access Point) communicating via radio waves. For the users, the shared resources on the wireless network appear exactly as they would on a regular wired network.



Mixed Wired/Wireless Infrastructure Mode:

A network station or an Ethernet-enabled device communicates via one or more Access Points with an existing network backbone. Allows access to all normal network resources from anywhere within range of an Access Point.

Specifications

Standards Compliance	IEEE 802.11b
Radio Frequency Type	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4GHz
Transmission Rate	11Mbps (Max); 11/5.5/2/1 Mbps with Auto fall back
RF Frequency Range	Japan: 2471MHz ~ 2497MHz North America, Europe & Extended Japan Band: 2400 MHz~2483.5MHz Spain: 2445 MHz ~2475 MHz France: 2446.5MHz ~ 2483.5 MHz
Transmitter	20dBm (Typical)
Receiver	- 80 dBm (Typical) 11Mbps @25°C ± 5°C
Antenna Type	Integrated built-in dual dipole antenna with diversity
Interface Type	10Base-T: RJ-45
Security	64-bit/128-bit WEP encryption
Software Support	64-bit/128-bit WEP encryption; Dynamic rate shifting: 11/5.5/2/1Mbps; Channel Setting; Roaming; RF Signal Quality Monitor
Operating Environment	Operating: -0°C ~ +50°C (Except RF output power and sensitivity) Storage: -30°C ~ +70°C
Dimensions	100 x 65 x 115 mm
Power	DC 5.1 Volt + 5%; 2A (Max.); AC adapter AC 100V ~ 240V; 1.0A (Typical)
Regulatory Approval	FCC Part 15 Class B, CE Mark: ETS 300 328 and ETS 300 826,
OS Support	Support any operating system
Warranty	One year limited

* Product photo/specifications are subject to change without prior notice.

National Datacomm Corporation

4F, No.24-2, Industry East 4th Road, Science Park
Hsin-Chu, Taiwan, R.O.C.
Tel: +886-3-5783966
Fax: +886-3-5777989
Email: sales@ndc.com.tw

NDC World Wide Web

www.ndclan.com
©2004 National Datacomm Corporation, Inc. All rights reserved.