



The NWH660 11Mbps Wireless Access Point provides interoperability, expandability, security, and manageability for top performance wireless networking in both single and multiple AP installations. Comprehensive SNMP-based management software gives professional level network management tools for easy wireless network management and monitoring.

The NWH660 11Mbps Wireless Access Point fully complies with the IEEE 802.11b standard. With superior wireless technology and advanced features, the NWH660 11Mbps Wireless Access Point is a reliable, high performance, cost effective wireless solution.

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.

Superior Coverage and High Transmission Quality

Our advanced radio frequency technology gives outstanding performance at up to 11Mbps data transmission/reception speed:

- Advanced external dual diversity antenna for top quality transmission/reception
- High performance 100 mW(20dBm) radio design, with transmit power adjustment capabilities

Detachable Antenna

The detachable antenna design provides the flexibility to connect a high-gain antenna for higher transmission quality over a wider coverage area, or in a radio frequency hostile environment.

Wireless Configuration

Our superior wireless technology eliminates the requirement to make a wired set up or configuration connection. Simply do it all from a wireless client!

Comprehensive Network Management Tools: InstantWave Management System

- Supports SNMP for MIB I and MIB II over Ethernet in a Windows environment.
- Service Discovery
- Auto IP Address Assignment Support: The NWH660 will automatically generate a new IP address should the DHCP server fail.
- AP Discovery: Allows network administrators to easily locate all NDC APs for centralized management.
- Kick Start: Using Kick Start management, user can configure network devices by Layer 2, MAC, protocol, even under different subnet
- Trap Server: With auto-notification of abnormal operation, network administrators can easily monitor the network operating condition and take preventive action in order to increase network uptime.
- Bulk Configuration: Automatically propagates configuration settings to a group of APs on the same subnet.

Enhanced Multiple Levels of Security Protection

- WEP (Wired Equivalent Privacy): 64 & 128-bit WEP encryption for secure wireless LAN data transmissions.
- Secure SSID: Blocks unauthorized wireless clients from associating with the AP
- MAC Access Control: Enter up to 1024 authorized wireless client MAC Addresses.
- SNMP Access Control: Prevents tampering with device settings.

Power Splitter Embedded (Optional)

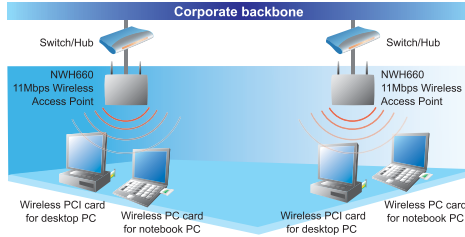
The NWH660 draws its operating power from a powered Ethernet port which is compatible with the 802.3af inline power draft standard to minimize the installation costs. (*)

*The NWH660 package doesn't include any PoE injectors or hubs.



11Mbps Wireless Access Point Application Scenarios

The AP acts as a connection point between a wired and wireless network. Multiple APs may be deployed in a location to allow wireless NIC users to enjoy seamless roaming over a wide range.



Specifications

Standards Compliance	IEEE 802.11b
Radio Frequency Type	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4GHz
Available Transmit Power	100mW (Max.)
Transmission Rate	11Mbps (Max.) 11/5.5/2/1Mbps auto fallback
Channels Support	US/Canada: 11 Channels (1 ~ 11) Major European country: 13 Channel (1 ~ 13) France: 4 Channels (10 ~ 13) Japan: 13 Channels (1 ~ 13) or 14 Channels(1 ~14)
Transmission Range	Up to 300m (984ft) outdoors (depends on the interference conditions and environment) Up to 100m (328ft) indoors (depends on the interference conditions and environment)
Access Point Interfaces	10Base-T/100Base-TX: RJ-45RS-232: D-SUB 9 pin Radio Wave: Antenna - Reverse-SMA
Antenna Type	Dual dipole diversity
Security Systems	64-bit/128-bit WEP encryption; Secure SSID; 802.1x support (Windows XP only); MAC Access Control; Administrative Access Control; Unauthorized wireless Access Alert
Software Support	Web-based management; Windows-based network management WMS (SNMP for MIB I and MIB II); User Isolation; Kick Start; Access Control; Protocol filtering; Trap Management; Upgradeable Firmware; Auto IP Assignment; AP Discovery; DHCP Client, Telnet(Optional)
Operating Environment	Operating Temperature: 0 ~ 55°C (32 ~ 131°F) Storage Temperature: -30 ~ 70°C (-22 ~ 158°F) Humidity: Maximum 85% at 40°C (104°F) non-condensing
Dimensions	220 x 145 x 33mm (8.66 x 5.71 x 1.30in.)
Power	DC 5.1 Volt ± 5%; 2A (Max.); AC adapter AC 100V ~ 240V; 1.0A (Typical) Power Consumption: 5.1Volt. 1.0A (Typical)
Regulatory Approval	FCC Part 15 B (US); CE
Network Management	System OS Support Windows 95/98/Me/NT4.0/2000/XP
Warranty	One year limited

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