

NWH660

11Mbps Wireless Access Point



Introduction

The InstantWave 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 InstantWave 11Mbps Wireless Access Point fully complies with the IEEE 802.11b and Wi-Fi standards. With superior wireless technology and advanced features, the InstantWave 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 and is fully compatible with Wi-Fi certified products, ensuring full product interoperability between vendors.

Superior Coverage and High Transmission Quality

InstantWave's 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
- Superior receiving sensitivity enhances weak data signal pickup at longer distances

Easy Installation

User-friendly Windows-based interface, setup wizard, and step-by-step instructions make the InstantWave 11Mbps Wireless Access Point fast and easy to install.

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

InstantWave's 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

- 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 InstantWave APs for centralized

- management.
- **Supports Site Survey :**
Helps evaluate and determine the best location in which to place the AP for the best performance.
- **Protocol Filtering :**
Saves bandwidth and increases security by preventing the AP from transmitting unneeded protocols onto the wireless network.
- **On-line Firmware Upgradeability :**
Allows AP firmware to be upgraded from a remote station without stopping the network.
- **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.
- **Windows-based Configuration :**
Allows users to easily configure the AP in a Windows environment.
- **DHCP Client Support :**
Automatically obtains a new IP address from a DHCP server using the Dynamic Host Configuration Protocol.
- **Batch Configuration :**
Automatically propagates configuration settings to a group of APs on the same subnet.

Specifications

- **Standards Compliance :**
IEEE 802.11b, Wi-Fi compliant
- **Radio Frequency Type :**
Direct Sequence Spread Spectrum (DSSS)
- **Frequency Band :**
2.4GHz
- **Transmission Rate :**
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: RJ-45
RS-232: D-SUB 9 pin
Radio Wave: Antenna - Reverse-SMA
- **Antenna Type :**
Dual dipole diversity
- **Security :**
40-bit/128-bit WEP encryption; Secure SSID; User Authentication (EAP-like); MAC Access Control; Administrative Access Control; Unauthorized wireless Access Alert
- **Software Support :**
SNMP for MIB I and MIB II; Windows-based network management tools; Access Control; Protocol filtering; Trap Management; Self-Diagnostic Test; Upgradeable Firmware; Auto IP Assignment; AP Discovery; Seamless Roaming; DHCP Client- Batch Configuration
- **Operating Environment :**
Operating Temperature : 0 ~ 55 º C (32 ~ 131 º K)
Storage Temperature : -30 ~ 70 º C (-22 ~ 158 º K)
Humidity : Maximum 85% at 40 º C (104 º K) 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; TELEC
- **OS Support :**
Windows 95/98/Me/NT4.0/2000/XP
- **Warranty :**
One year limited

