



The InstantWave 11Mbps Wireless Workgroup Bridge NWH6210 acts as a Point-to-Multipoint bridge to provide an effortless wired-to-wireless connection for any Ethernet-enabled device. Used together with a hub or switch, it can quickly connect up to 16 users (per bridge) for very affordable wireless connections when compared with using a wireless adapter for each user.

The InstantWave NWH6210 is very easy to setup. Once setup is complete, you can remotely configure and manage the bridge via SNMP management tools integrated with a highly efficient Service Discovery Protocol. In a corporate environment, the workgroup bridge connects workgroups in separate office islands - quickly and economically. For temporary classrooms or workplaces, the workgroup bridge provides flexible and easy network access. Devices are easily moved as workgroups change in number or location; lowering hardware costs.

Key Features and Benefits

Industrial IEEE 802.11b Standard Compliant

Complies with the IEEE 802.11b DSSS (Direct Sequence Spread Spectrum) wireless standard.

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

Detachable Antenna

The detachable antenna design gives users the flexibility to connect a higher-gain antenna for connecting remote workgroups or to ensure the best transmission quality in a radio frequency hostile environment.

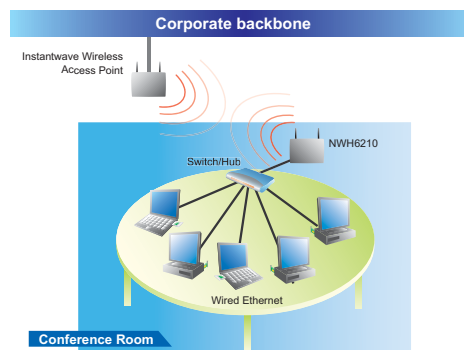
Comprehensive Network Management Tools

- Supports SNMP for MIB II and Bridge MIB over Ethernet or radio, with SNMP tools in a Windows environment.
- Service Discovery:
 - Auto IP Address Assignment: The NWH6210 will automatically generate a new IP address should the DHCP server fail.
 - Allows network administrators to remotely configure an NWH6210 without knowing its IP address
 - Automatically seeks all NWH6210s on the network to enable centralized management.
- Remote Firmware Upgradeability: Updated firmware can be installed via SNMP tools from a remote station

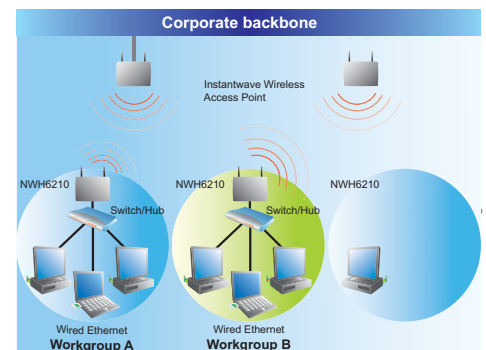
Security

64 & 128-bit WEP (Wired Equivalent Privacy) encryption provides data security equal to traditional wired networks.

11Mbps Wireless Workgroup Bridge Application Scenarios



Fast and easy network setup for temporary workplaces



Quickly and economically connecting workgroups located in different workspaces



11Mbps Wireless Workgroup Bridge

NWH6210

Specifications

Standards Compliance	IEEE 802.11b
Radio Frequency Type	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4GHz
Transmission Power	100mW (Max.)
Transmission Rate	11Mbps (Max.) 11/5.5/2/1Mbps auto fallback
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)
Antenna Type	Dual dipole diversity. Optional directional antenna.
Security Systems	64-bit/128-bit WEP encryption
Bridge (*Note)	Proprietary single Radio MAC to Multiple Ethernet bidirectional transfer protocol.
Software Support	Web-based management; Windows-based network management WMS (SNMP for MIB I and MIB II);SNMP for MIB II and Bridge MIB; 64-bit/128-bit WEP encryption; Upgradeable Firmware ; Fixed IP address or obtain an IP address automatically; Service Discovery; Auto-IP
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	138 x 114 x 37mm (5.43 x 4.49 x 1.46in.)
Power	DC 5.1 Volt ±5%; 2A (Max.); AC adapter AC 100V ~ 240V; 1.0A (Typical)
Regulatory Approval	FCC Part 15 B (US); CE
Warranty	One year limited

*Note: With NDC proprietary Bridge-Tunnel encoding, the NWH6210 must be used with the NDC Wireless Access Point.

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