

11Mbps Wireless Access Point (WLA660-N)

The SOHware 11Mbps Wireless Access Point provides interoperability, expandability, security, and manageability for high performance wireless networking. Installations may be configured for both single and multiple Access Point deployments to allow mobile roaming connections. Supporting SNMP-based manageability, the WLA660-N seamlessly integrates with SOHware's IWMS management software to offer a professional remote network management and monitoring solution for the wireless LAN.



The WLA660-N Wireless Access Point complies with the IEEE 802.11b (WiFi) standard. With superior wireless technology and advanced features, the SOHware 11Mbps Wireless Access Point is a reliable, high performance, cost effective solution for interior commercial wireless applications.

Key Features and Benefits

IEEE 802.11b Standard Compliant - Complies with the IEEE 802.11b DSSS (Direct Sequence Spread Spectrum) wireless standard and is fully interoperable with Wi-Fi certified products.

Superior Coverage and High Transmission Quality - SOHware's advanced radio frequency technology provides outstanding performance at up to 11Mbps data transmission/reception speed:

- Advanced external dual diversity antenna for commercial class transmission and reception
- Superior receiving sensitivity enhances weak data signals at longer distances

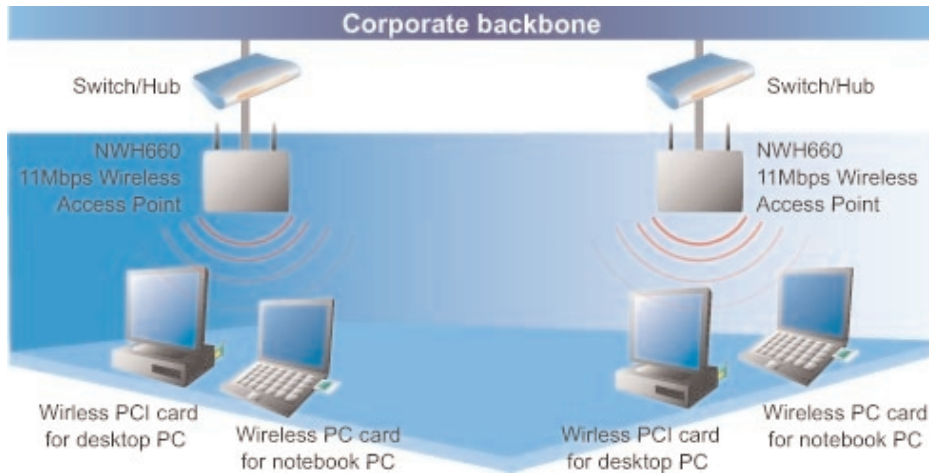
Detachable Antenna - The dual diversity antenna is detachable, providing additional flexibility to connect optional SOHware high-gain antennas to boost transmission range and quality over a wider coverage area. Optional antennas come in directional or omni-directional patterns for maximum coverage solutions.

Configuration Options - Configuration of the WLA660 can be performed through RS232 interface using the utility provided. SOHware's IWMS management software, available separately, provides increased flexibility by enabling wireless connection of the WLA660, eliminating the need for installers and administrators to use a direct cable connection for setup and maintenance.

Enhanced Multiple Levels of Security Protection

- WEP (Wired Equivalent Privacy); 40 & 128-bit WEP encryption for secure wireless LAN data transmissions
- Secure SSID: Blocks unauthorized wireless clients from associating with the AP
- User Authentication (EAP-like): Restricts wireless access to authorized users only
- MAC Access Control: Enter up to 1024 authorized wireless client MAC addresses
- Administrative Access Control: Assigns AP administrators a password and management rights

WLA660-N Application Scenario



WLA660-N acts as a connection point between a wired and wireless network. Multiple Wireless Access Points may be deployed in a location to enable seamless wireless roaming.

Specifications

Standards Compliance

IEEE 802.11b, Wi-Fi compliant

Radio Frequency Type

Direct Sequence Spread Spectrum (DSSS)

Frequency Band

2.4GHz

Transmission Power

100mW (Max.)

Transmission Rate

11Mbps (max.) 11/5.5/2.1 Mbps 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)

Access Point Interfaces

10Base-T/100Base-TX: RJ-45; RS-232: D-SUB 9 pin; Radio Wave: Antenna-Reverse-SMA

Antenna Type

Dual dipole with diversity - detachable

Security Systems

40-bit/128-bit WEP encryption; Secure SSID; User Authentication

(EAP-like) I MAC Access Control: Administrative Access Control:

Unauthorized wireless Access Alert

Software Support when using IWMS

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° C (32 - 131° F)

Storage Temperature: -30 - 70° C (-22 - 158° F)

Humidity: Maximum 85% at 40° C (104° F)

Dimensions

220 x 145 x 33 mm (8.66 x 5.71 x 1.30 in.)

Power

Voltage: DC 5.1 Volt \pm 5%; 2A (Max.); AC adapter AC 100V - 240V, 1.0A (Typical)

Power Consumption: 5.1 Volt. 1.0A (Typical)

Regulatory Approval

FCC Part 15B (US); CE

Network Management System OS Support

Windows 95/98/Me/NT4.0/2000/X

Warranty

One year limited

Product photo and specifications are subject to change without prior notice.

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