

11Mbps Wireless Outdoor Access Point (WLA921-N)

The SOHware Outdoor Access Point is suitable for all-weather installations, providing maximum flexibility in deploying a wireless LAN or public hotspot. The Access Point offers all the interoperability, expandability, security, and manageability that high-performance wireless networks demand; with full-featured SNMP-based software included to give administrators professional, yet easy-to-use tools for network management and monitoring. Easily installs on a mast location and withstands all climate conditions including high winds, rain, and snow.



The WLA921-N fully complies with the IEEE 802.11b Wi-Fi standard. Combining superior wireless technology and advanced management features, the Outdoor Access Point is a robust, high-performance, cost-effective solution for business applications, including public hotspot and wireless ISP deployments. Available with integrated RF booster for enhanced range performance.

Key Features and Benefits

802.11b Compliant Wireless - Fully interoperable with Wi-Fi compliant clients.

All Weather Enclosure - Designed for continuous deployment in outdoor environments, with protected antenna and data connection points.

Superior Coverage Control and Transmission Quality - SOHware's advanced radio frequency technology and design deliver application flexibility and performance:

- Adjustable radio output power levels, up to 100mW (20dBm output power)
- Enhanced RF receiver sensitivity improves weak signal pickup (-84dBm)
- Optional integrated 1 Watt booster for enhanced range

Comprehensive Network Management with IWMS - Includes SOHware's IWMS management system that provides complete SNMP based configuration and monitoring in a Web interface:

- Wireless installation setup - requires no serial port connection during installation phase
- Automatic discovery - IP assignment and device discovery on multiple subnets
- Trap server - outstanding network monitoring and alerting functions
- Bulk configuration - identifies configuration profiles with automated propagation to a subnet
- Firmware updating - remote upgrade of one or multiple devices from a management station
- Web interface - intuitive graphical interface viewable from a standard Web browser

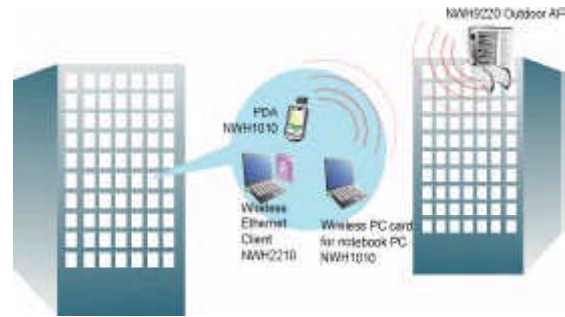
Multi-level Security - Supports 64 and 128 Bit WEP encryption, 802.1x authentication, MAC filtering, SNMP access controls, protocol filtering and VLAN client privacy.

Business-Ready Installations - Supports seamless roaming, Power over Ethernet (PoE), and the connection of any 2.4 GHz high gain antenna, such as those offered by SOHware.

Outdoor Access Point Applications



Exterior Installations



Indoor / Outdoor Coverage

Specifications

Standards Compliance	IEEE 802.11b
Radio Frequency	Direct Sequence Spread Spectrum (DSSS)
Frequency Band	2.4 GHz
Transmission Rate	11 Mbps (Max.); 11 / 5.5 / 2 / 1 Mbps, Auto Fallback (dynamic rate shifting)
Adjustable Power	100 mW (Max.), 20 dBm output (typical), stability within ± 25 ppm 100 / 50 / 30 / 10 / 5 mW selection Booster option: provides integrated 1 Watt booster (WLA925-N)
Receiver Sensitivity	-84 dBm (typical) at 11 Mbps @ 15°C
Antenna Connection	Reverse N type; includes pigtail with N(M) connector for SOHOfware antennas
Interface	One Ethernet Port: RJ-45 (10BaseT)
Security	64 / 128 Bit WEP encryption, 802.1x authentication, MAC filtering SNMP administrative access control, rogue client access alert Client isolation mode - VLAN type privacy
Management Software	IWMS (SNMP based - MIB 1&2): auto-discover, auto-IP assign, protocol filtering, WEP, trap management, firmware upgrades, VLAN isolation, roaming, kick start O.S. support: Windows 98, NT 4.0 (SP4 +) , 2000, XP
Operating Environment	Operating Temperature: -20 - 70°C (32 - 122°F) Humidity: 5 - 95%, non-condensing
Dimensions and Weight	165 x 135 x 55 mm (6.52 x 5.34 x 2.17 in.), 1.13 kg
Power	Voltage: 12 V DC AC Adapter: 100 - 240 VAC Power over Ethernet (802.3af compliant)
Model	WLA921-N: 11 Mbps Wireless Outdoor Access Point WLA925-N: 11 Mbps Wireless Outdoor Access Point with 1 Watt Booster All models include: 25m Ethernet cable, mounting kit, PoE injector and pigtail
Warranty	One Year limited

Product image and specifications are subject to change without prior notice (Ver. 2.0).



We make Networking Personal. SOHOfware, Inc. U.S. Headquarters 3050 Coronado Dr. Santa Clara, CA 95054 Tel. 1.800.632.1118 Fax. 1.408.565.9889 www.sohoware.com