



WavePOINT™-II Access Point Wireless LAN Products

High-performance wireless bridge for Ethernet networks

Lucent Technologies has the solution for LAN managers who need to expand the coverage and capacity of their current Ethernet networks beyond the capabilities of traditional wiring. WavePOINT-II Access Point extends high-performance wireless connectivity to Ethernet installations... giving you the flexibility required to increase efficiency in today's constantly changing environment.

Set up workgroups anywhere, anytime...even in hard-to-wire environments

WavePOINT-II Access Point extends the range of your cabled Ethernet network, providing easy network access to mobile users and difficult to wire locations. The unique architecture, featuring dual PCMCIA slots, offers these advantages:

- **Protects your investment.** Dual PCMCIA slots provide a clear migration path to future wireless LAN technologies, including the proposed IEEE 802.11 local area network standard, protecting your investment in other WaveLAN® products.

- **Doubles network capacity** by allowing you to use two WaveLAN/PCMCIA Network Interface Cards, each on a different frequency channel.
- **Enables a wireless backbone**, such as in large open areas like warehouses and retail stores. The architecture supports a wireless-to-wireless bridging feature that allows you to build an extension to your wireless network without expanding the wired backbone.

Reduce network management costs while you protect sensitive data

WavePOINT-II Access Point, part of the WaveLAN product family, includes WaveMANAGER/Access Point (AP) Management software plus a host of security features. Advantages include:

- **Lower-cost network management.** Windows-based, SNMP-compliant WaveMANAGER/AP software makes it easy to configure WavePOINT-II. You can also use this software to centrally manage, control and remotely monitor your enterprise-wide WavePOINT-II network.
- **Protection from unauthorized access.** The WaveLAN product family provides four levels of integrated security to protect your network from unauthorized access, such as:
 - Direct Sequence Spread Spectrum technology
 - Network Identification Code
 - WavePOINT Access
 - DES or AES Data Encryption (Optional)



WaveLAN products suit a wide range of applications

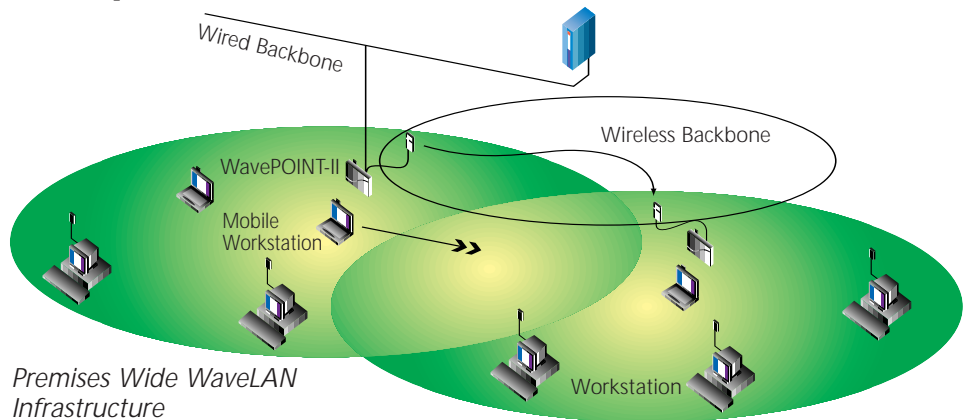
WaveLAN products offer a fast, reliable, cost-effective solution for wireless client access to the network in applications like these:

- Extension to wired LANs
- Difficult-to-wire environments
- Frequently-changing environments
- Pre-installed, ready-to-use LANs
- LAN access for mobile computer users
- Temporary LANs for peak times or special projects
- Outdoor Antenna Links for high speed leased line replacement

Additional products include:

- WaveLAN/ISA and WaveLAN/PCMCIA Network Interface Cards (NICs)
- WavePOINT Bridge
- WaveLAN EAM (External Antenna Module) for connecting external antennae to the WavePOINT-II access point

- WaveMANAGER/CLIENT software for site survey and link quality diagnostics.
- WaveMANAGER/AP software for installation, configuration, and centralized management of your enterprise-wide WavePOINT-II network.



Specifications WavePOINT-II

WavePOINT-II	
Features	Dual PCMCIA slot architecture
	Wireless-to-Wireless Bridging
	IEEE 802.11 upgradable
	Spanning Tree Algorithm
	IEEE 802.1D Transparent Bridging
	Multicast delay
	Selective protocol filtering
	Access Control Table Manager
	DHCP and BOOTP
	Site Survey Tools
	Remote Point-to-Point
	Multi-channel support (up to 8 channels) at 2.4 GHz.
	Roaming Support
	Encryption
Management	WaveMANAGER/AP management software
	SNMP MIB I-II compatible
	Windows based user interface
LEDs	4 LEDs:
	• Power
	• Ethernet LAN Activity
	• WaveLAN Activity on Slot A • WaveLAN Activity on Slot B
Interface	Ethernet 802.3 10Base-T (RJ 45 Connector) 10Base-2 (BNC Connector)
	WaveLAN 2 Slots for WaveLAN/PCMCIA
Dimensions	50 mm x 185 mm x 261 mm (2.0 in. x 7.3 in. x 10.2 in.)
Weight	1.75 kg (3.86 lb.)
Power Supply	Integrated Module
	Autosensing 100/240 VAC 50/60 Hz
	0.2 A
Operating temperature	0° to + 40° C (20% to 80% relative humidity)
Mechanical Specification	Modular design
	Plastic cover Metal Mounting Plate that allows for placement on a Wall, Ceiling or Table.
Warranty term	12 months (on parts and labor)

Ordering Information

WavePOINT-II	
WavePOINT-II (no power cord)*	847851672
WavePOINT-II (US power cord)*	847851680
WavePOINT-II (Europe power cord)*	847852357
WavePOINT-II (Japan power cord)*	847884640
WavePOINT-II (Australian power cord)*	847852365
WavePOINT-II (UK power cord)*	847852373

*Note: Requires minimal one WaveLAN/PCMCIA card for operation

For additional information on WaveLAN products, please contact your Lucent Technologies Sales Representative.

Visit our web site at <http://www.wavelan.com>

Or call us at 1-800-WaveLAN
Outside USA: +31-30-6097554

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