



ORiNOCO™ AP-1000 Access Point

High-Performance Wireless Access Point for the Enterprise

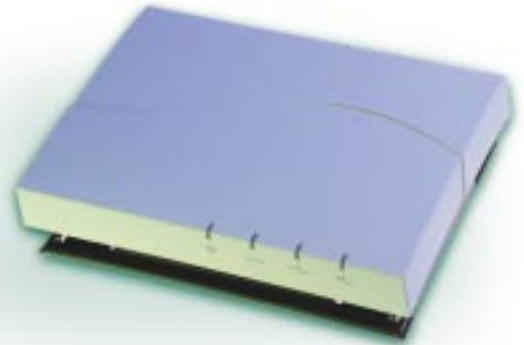
High-performance wireless bridge providing 10/100 Mb Ethernet® support.

ORiNOCO AP-1000 Access Point is the wireless access point for the 802.11b compliant 11 Mbit/s ORiNOCO Enterprise Solution. ORiNOCO AP-1000 extends the range of your cabled Ethernet network, providing easy network access to mobile users and difficult to wire locations. The unique architecture features dual PC card slots. Compared with its predecessor, WavePoint-II, AP-1000 adds 10/100 Mb Ethernet support via the UTP cable.

ORiNOCO AP-1000 Advantages:

- **Protects your investment**
Dual PC card slots provide flexibility in the use of ORiNOCO radios. An upgrade to newer radio technology can be established very easily with a swap of the ORiNOCO PC Card, protecting your investment in the ORiNOCO infrastructure.

- **Double your network capacity**
The use of two ORiNOCO Network Interface Cards allows each to operate on a different frequency channel.
- **Create a wireless backbone***
In large open areas like warehouses and retail stores, the architecture supports a wireless-to-wireless bridging feature. This allows you to build an extension to your wireless network without expanding the wired backbone.
- **Lower your network management cost**
Windows® based SNMP-compliant ORiNOCO AP Manager makes it easy to configure your ORiNOCO AP-1000 Access Point. You can also use this software to centrally manage, control and remotely monitor your enterprise-wide ORiNOCO network.
- **Protect unauthorized access and limit management to authorized stations**
The system provides four levels of integrated security:
 - Direct Sequence Spread Spectrum technology



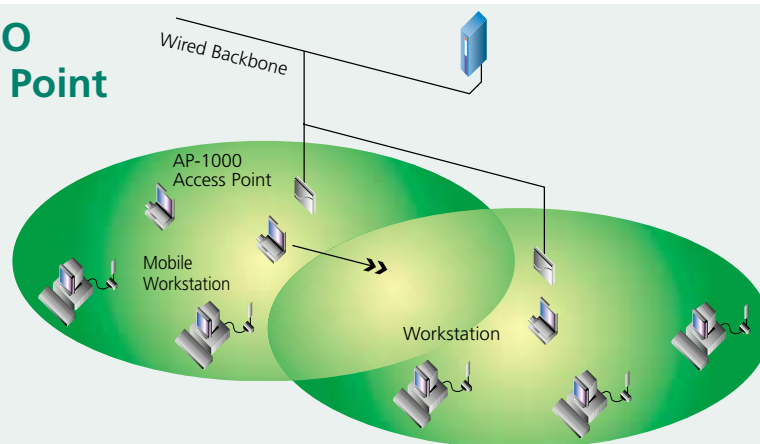
- Closed system by network name
- Access Control Table
- RC4 encryption

Industry-Wide Interoperability and Compliance

The ORiNOCO AP-1000 is interoperable with other manufacturers' high-speed IEEE802.11b (Wi-Fi) compliant systems. It's also compatible with Lucent's previous 2 Mbit/s and Turbo products.

* This configuration requires Outdoor Router Software

Typical ORiNOCO AP-1000 Access Point Configuration



AP-1000 Access Point Specifications

Features	<ul style="list-style-type: none"> - Dual PC Card slot architecture - Wireless-to-Wireless Bridging - 10/100 Mb Ethernet Support - IEEE 802.11b (Wi-Fi) compliant - Spanning Tree Algorithm - IEEE 802.1D Transparent Bridging - Selective protocol filtering - Access Control Table and radio based authentication - DHCP and BOOTP - Multi-channel support - Roaming Support - RC4 based encryption support
Management	<ul style="list-style-type: none"> - ORiNOCO AP Manager software - SNMP MIB II, 802.3, 802.1D, and 802.11 MIB compliant - Windows based user interface - TRAPS: power up, authentication, link up/down - Site Survey Tools - Remote Point-to-Point diagnostics
LEDs	<p>4 LEDs:</p> <ul style="list-style-type: none"> - Power - Ethernet LAN Activity - ORiNOCO Activity on Slot A - ORiNOCO Activity on Slot B
Interface	<p>Ethernet 802.3</p> <ul style="list-style-type: none"> - 100Base-T (RJ 45 Connector) <p>ORiNOCO</p> <ul style="list-style-type: none"> - 2 Slots for ORiNOCO PC Cards <p>RS-232</p> <ul style="list-style-type: none"> - Unit Configuration**
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	<ul style="list-style-type: none"> - Integrated Module - Autosensing 100/240 VAC 50/60 Hz - 0.2 A
Operating temperature	<p>0° to + 40° C</p> <p>(20% to 80% relative humidity)</p>
Mechanical Specification	<ul style="list-style-type: none"> - 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)
ORiNOCO AP-1000 Comcodes	
848 558 235	AP-1000 US/CAN power cord*
848 558 243	AP-1000 Europe power cord*
848 558 250	AP-1000 Australia power cord*
848 558 268	AP-1000 UK power cord*
848 558 276	AP-1000 Japan power cord*

*Note: Requires minimal one ORiNOCO PC Card for operation

** Supported with a future software release.



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

You can also visit our web site at <http://www.lucent.com/orinoco> or call 1-800-928-3526.

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