

11 MBPS WIRELESS LAN ACCESS POINT

WITH
AirLock™
Security Software

 **NoWiresNeeded**



THE TRANSPARENT KEY TO SECURE WIRELESS NETWORKING

- Ultra-compact design
- Easily placed on desk, or mounted to wall or ceiling
- Provides easy to install, low-cost wireless infrastructure
- Simple and effective security with 3 available levels:
- 128-bit AirLock™ security software, 128-bit RC4, IEEE standard WEP 40
- Compliant with 11Mbps IEEE 802.11b High Rate specification.
- Tested interoperability with other leading IEEE 802.11b compliant products
- Maximum reliability with ASBF™ dynamic rate switching
- Maximum performance with IEEE 802.11-optional Point Coordination Function
- Easy-to-use APCenter Utility and Network Management Software included
- Unrestricted client roaming across multiple access points
- Three LED-indicators for immediate status reporting

Product data 11 Mbps Wireless LAN Access Point

The 11 Mbps WLAN Access Point is an indispensable building block of your wireless infrastructure. This compact, reliable device is easy to install and can be centrally managed from any place in your network. Each 11 Mbps WLAN Access Point offers a number of channels to create a non-interfering, multiple pico cell structure, enabling you to build a complete wireless premises network. The high-speed data rate of 11 Mbps makes it possible to run virtually any application you prefer wirelessly. The Access Point is capable of supporting several virtual LANs over a single wireless enterprise network. With the included management utility called APCenter, you can drag and drop installed Access Points and update the new Access Point with all the current characteristics.

Wireless networking

NoWires Needed has developed a range of high-speed, high security wireless LAN products that are embraced by organizations all over the world for the many advantages they provide. These advantages include higher efficiency and lower total costs of ownership (TCO). High-speed wireless networks enable hot-desking and other forms of flexible offices. New or temporary workplaces are created in a matter of minutes, rather than days. Exhibition sites, conference centers, airports and hotels can offer instant Internet access to their visitors.

Security has been taken care of, using AirLock™ advanced security architecture

Eavesdropping and data hacking are major issues in the networking business. The risks are perceived to be even higher when operating a wireless network. NoWires Needed has developed a superior solution to this problem and dubbed it AirLock™. AirLock™ prevents eavesdropping by using an access control list and an advanced public/private key algorithm, whilst data hacking has been taken care of by a dynamic 128-bit encryption key. AirLock™ also relieves your network administrator from the burden of additional key management.

The strongest link is always used, ASBF™ takes care of it

Automatic Scale Back Functionality scales back to lower data rates if necessary when communicating with other IEEE 802.11 compliant equipment. It also ensures that the users get the best connection available in radio-hostile environments.

Plug-and-Play

It goes without saying that the products of NoWires Needed have plug-and-play capabilities. The 11 Mbps WLAN Access Point can be deployed in any Ethernet-based network. Many network operating systems are supported, including NT, Novell, AS/400 and Linux. Note that APCenter Management Software should be run on a PC under Windows (95, 98, NT4.x, 2000).

NoWiresNeeded

NoWires Needed is strongly committed to offer its customers high-speed, high security wireless access solutions by deploying state-of-the-art technology. This commitment has resulted in the release of our latest range of wireless networking products, offering breakthrough speeds of up to 11 Mbps.

Specifications

Standards compliance:

- IEEE 802.11b HR (Direct Sequence Spread Spectrum)
- ETS 300 328 and ETS 300 826 compliant
- FCC Part 15 approved
- CE approved
- Supports TCP/IP, IPX/SPX and NetBui

Security:

- AirLock™ 128-bit
- 128-bit RC4
- IEEE standard WEP 40

Radio/modem:

- Frequency range: 2.4-2.4835 GHz
- Range: Open space 300m, Office typical 50m
- Supported bit rates: 11 Mbps / 5.5 Mbps / 2 Mbps / 1 Mbps
- ASBF™, Automatic Scale Back Functionality

Modulation:

- 1 Mbps DBPSK
- 2 Mbps DQPSK
- 5.5 Mbps CCK
- 11 Mbps CCK

Number of channels:

- Europe: 13 (3 non-overlapping)
- US: 11 (3 non-overlapping)
- France: 4 (1 non-overlapping)

Transmit power:

- Peak +20 dBm

Antenna system:

- Dual antenna diversity system 2dB gain

Network management:

- SNMP, MIB II, 802.11 MIB
- Hooks for NM-tools like HPOpenView
- DHCP, ICMP

Ethernet interface:

- 10Base-T (RJ-45)

Power:

- AC 100-240V 50-60 Hz to 5VDC converter (included)

Mobility:

- Unrestricted client roaming across multiple access points

Mechanical:

- Dimensions: xxx x xxx x xxx mm

LED indicators:

- Ethernet connection
- RF activity
- Power

Environmental:

- Temperature range: 0 - 50°C operating temperature
- Humidity 10-85% (non-condensing)

Utility:

- APCenter management software for Windows 9x, 2000, NT4.x

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