
Wireless LAN Adapter**WLP 1100**

DESCRIPTION

The 802.11b PC Card is designed to operate in the 2.4 GHz ISM band, channels 1 to 14. The actual operating frequencies and channels depend on the regulations in the country of usage. The module implements Direct Sequence Spread Spectrum DSSS technology providing improved noise and signal jamming immunity including protection from interferes in the 2.4 GHz band like the Microwave Oven.

The PC Cards can be used in peer to peer (ad-hoc) or infrastructure networks allowing for instant network set up in any environment. Access points can be used (infrastructure mode) to extend the area of coverage and increase the number of users.

WLP1100 PC Cards are certified to interoperate with other manufacturers' high-speed IEEE 802.11b compliant systems and are fully compliant with WECA Wi-Fi.

The main features of this design are as follows:

- IEEE 802.11b WLAN High data rate standard compatible
- Wi-Fi Compliant
- Backwards compatible to existing 1-2 ; 5.5 Mbps standard
- Automatic data rate selection
- 2.4 GHz, DSSS, CCK modulation scheme
- Supports both Infrastructure mode & Ad-hoc networking
- Security ... Real time 128 bit WEP / Encryption & Decryption
- Improved multi-path distortion performance
- Equalized Rake receiver
- Diversity antennas
- Win 98/NT/2K/XP/CE support to begin with ; Linux to follow
- PCMCIA Type 2 Form factor & Interface