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LevelOne Wireless LAN

LevelOne 11Mbps Wireless PCMCIA CardBus Adapter



T E C H N I C A L D A T A

Standard Conformance

- IEEE802.3b Wireless LAN

Host Interface

- 32Bit CardBus

Radio Specifications

- Range: indoor 35m outdoor 150m
- Radio Power: +16 dBm
- Frequency range: 2.4 – 2.485GHz, direct sequence spread spectrum
- Number of Channels:
Europe: 13, US and Canada 11, Japan 14
- Antenna System: built-in diversity antenna
- Spreading: 11Chip Barker Sequence
- Modulation: CCK, DQPSK, DBPSK
- Roaming Support
- Load Balancing

Supported Bit Rates

- 11Mbps CCK, 5.5Mbps CCK, 1Mbps DBSK, 2Mbps DQPSK

Data Encryption

- 64/128 Bit WEP40 Encryption

Utility Software

- Wlan Utility for WIN98, ME, 2000, XP

Power Consumption

- Operating Voltage: 3.3V
- TX Consumption: 450 mA max.
- RX Consumption: 300 mA max.

Diagnostic LEDs

- WAN Link, Act

Physical Characteristics

- Operating Temperature: 0°C to 65°C
- Storage Temperature: -20°C to 75°C
- Humidity: 10% to 95% RH
- Dimensions: 119mm x 53.94mm x 6.88mm
- Weight: 40g

Regulations

- FCC CPart 15 in USA
- EN3000328 and EN300826 (EN 301 489-17) in Europe
- Japan-Telec in Japan

Ordering Information

WPC-0101 11Mbps Wireless PCMCIA CardBus Adapter