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LevelOne Wireless LAN

LevelOne Wireless LAN
11Mbps USB Adapter



TECHNICAL DATA

Standard Conformance:

- IEEE802.11b Wireless LAN

Host Interface

- USB1.1

Radio Specifications

- Range: indoor 35m outdoor 150m
- Radio Power: +13~+17 dBm
- Frequency range: 2.4-2.485GHz, direct sequence spread spectrum
- Number of Channels: Europe: 13, US and Canada 11, France 4, Japan 13
- Antenna System: built-in antenna system
- Data rate: 11 Mbps, 5.5Mbps, 2Mbps, 1Mbps
- Nominal Temp Range: 17dBm
- Roaming support
- Load balancing

Emission:

- FCC Class B
- CE mark Class B
- ETSI 300.328

Receive Sensitivity:

- Nominal Temp Range: -1Mbps 10^{-5} BER @ -90 dBm min.
-5.5Mbps 10^{-5} BER @ -87 dBm min.
-11Mbps 10^{-5} BER @ -84 dBm min
- Extended Temp Range: -1 Mbps 10^{-5} BER @ -84 dBm min.
-5.5Mbps 10^{-5} BER @ -81 dBm min.
-11Mbps 10^{-5} BER @ -78 dBm min

Modulation

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

Data Encryption

- 64/128 Bit Wep Encryption

Utility Software

- USB Adapter Utility for WIN95b,98SE,2000

Diagnostic LEDs:

- RF/Link/Activity, Power

Power Consumption

- Transmit 380mA
- Receive 215mA
- Standby 17mA

Physical Characteristics

- Power Requirement: 5V DC
- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 70°C
- Humidity: 10% to 95% RH
- Dimensions: 120mm x 77mm x 25mm
- Weight: 80g

Transmit Power

- Extended Temp Range: 14 dBm min
- Transmit Power 2.7V to 3V: 14dbm min.

Ordering Information:

- WNC-0101USB LevelOne Wireless LAN
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