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LevelOne Wireless LAN

LevelOne Wireless LAN
11Mbps USB Adapter



TECHNICAL DATA

Standard Conformance

- IEEE 802.3b Wireless LAN

Host Interface

- USB 1.1 at 12Mbps

Radio Specifications

- Range: indoor 35m outdoor 150m
- Radio Power: +15 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
- Multipath Delay 125ns at 11Mbps, 250ns at 5.5Mbps
- Nominal Temp Range: 17dBm
- Roaming Support
- Load Balancing

Emission

- FCC Cpart 15.247 (USA)
- CE Mark
- ETSI 300.328, ETSI 300 826 (Europe)
- IC RSS 210 (Canada)
- RCR STD-33 (Japan)

Receive Sensitivity

- @PER < 0.08
- 11Mbps < -83dBm
- 5.5Mbps < -86dBm
- 2Mbps < 89dBm
- 1Mbps < -91dBm

Modulation

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

Data Encryption

- 64/128Bit Wep Encryption

Operating System

- Windows 98SE, 2000, ME, XP and XP 2nd

Diagnostic LEDs

- RF/Link/Activity, Power

Power Consumption

- Transmit 350mA
- Receive 300mA
- Standby 240mA
- Standby under power saving mode 120mA

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: 48.1mm x 71.2mm x 15.3mm
- Weight: 2.8g

Ordering Information

- WNC-0101USB LevelOne Wireless LAN
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