



WNC-0306USB

11g Wireless USB Adapter

H/W Version: 1

Overview

The LevelOne WNC-0306USB Wireless USB Adapter equips a desktop or laptop computer with high-speed 108Mbps wireless transmission speeds. The WNC-0306USB adapter is 802.11b/g and SuperG* compliant for high-speed wireless data transfers, enabling users to enjoy high data throughput for multimedia, video streaming or real-time broadcast applications.

High-speed Wireless Connection

WNC-0306USB's SuperG* wireless technology enabling users to connect to wireless networks at speeds of up to 108Mbps on the 2.4 GHz wireless spectrum. The adapter network interface is compliant with the USB 2.0 standard for high-bandwidth data transfers directly to the computer.

Advanced Security Encryption

The LevelOne WNC-0306USB Adapter supports 64/128-bit WEP Key wireless data encryption as well as standard WPA security. For advanced industry standard encryption, the WNC-0306USB provides further support for WPA2 encryption for enhanced security and user authentication.

Easy Installation

The WNC-0306USB supports UPnP standard for quick and easy installation to any desktop or notebook computer with the aid of the LevelOne installation wizard.

*SuperG is a trademark of Atheros Communications.



1. USB Port
2. Link LED
3. Power LED

Key Features

- Compatible with IEEE 802.11b and IEEE 802.11g standards
- Supports SuperG™ technology data rate up to 108Mbps
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Compliant with USB2.0 and 1.1 specifications
- Supports wireless data encryption with 64/128-bit WEP Key for security
- Supports WPA-PSK and WPA2-PSK wireless network data encryption
- Simple user setup & diagnostics utilities
- Driver support for Windows 2000, XP and Vista (driver)

Works Well With



WAP-0005
11g 108Mbps PoE Wireless Access Point



WBR-3405TX
108Mbps Wireless Broadband Router

Technical Specification

Standards

Super G, IEEE 802.11g, IEEE 802.11b

Host Interface

USB Port Type: USB 2.0, 1.1

Radio Operation

Data Transfer Rate

Super G: up to 108Mbps

802.11g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps

802.11b: 11, 5.5, 2 and 1 Mbps

Modulation

802.11g: OFDM

802.11b: CCK, QPSK, BPSK

Media Access Control

CSMA/CA with ACK

Frequency Band

2.4GHz ~ 2.4835GHz

Number of Channels

Channel 1~11 North America

Channel 1~13 Europe, Japan

Receiver Sensitivity (Typical)

802.11g: 10% PER, - 68dBm @ 108Mbps

10% PER, - 72dBm @ 54Mbps

802.11b: 8% PER, - 84dBm @ 11Mbps

Transmitter Output Power (Typical)

802.11g/b: 15 ± 2dBm

Network Security

- WEP-64/128 bit

- WPA

- WPA-PSK

- WPA2

- WPA2-PSK

Device Management

Windows Utility Software

OS Supported: Windows 2000/XP/Vista 32bit (driver)/
Vista 64bit (driver)

Physical Specifications

LED

Power/Link

Temperature

Operating: 0°C ~ 40°C

Storage: -10°C ~ 70°C

Humidity

5% ~ 95% (non-condensing)

Power Requirement

802.11g: TX 400mA (Max), RX 300mA

802.11b: TX 350mA (Max), RX 250mA

Dimensions

86.5mm(D) x 30mm(W) x 13mm(H)

Certifications

CE,FCC

Product Diagram



Order Information

WNC-0306USB : 108Mbps Wireless USB Adapter

Package Contents

WNC-0306USB, Quick Installation Guide, CD Manual/Driver/Utility

Option Accessories



SUS-1000
Small USB Stand



SUS-1003
Small USB Stand
with extension cable