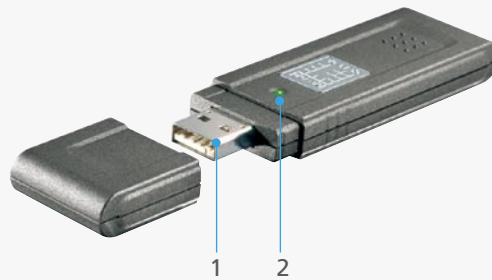# 11g 54 Mbps Dongle USB Adapter

WNC-0301USB

H/W Version: 3

LevelOne's WNC-0301USB is a wireless USB dongle adapter that is fully compliant with IEEE 802.11g to deliver data rates up to 54 Mbps at 2.4 GHz. This device provides reliable wireless data communication to help extend your network's capabilities.

The device supports UPnP standard, you can easily and quickly install the adapter into any desktop or notebook with the setup wizard and the hot-swappable USB interface. Like LevelOne's other wireless adapters,

WNC-0301USB can be used in the infrastructure mode by connecting the wireless AP or router to the internet seamlessly or in Ad-hoc mode to connect with other wireless computers for file sharing.

WNC-0301USB follows wireless security standards 64/128 WEP, WPA-TKIP, and AES encryption and is further enhanced with 802.1x user authentication. With a compact and portable design, the device makes it an easy fit for any limited space.

1   2

1. USB Port
2. Power/Link LED

Key Features

- Complies with the IEEE 802.11b and IEEE 802.11g 2.4GHz (DSSS) standards
- High data transfer rate up to 54Mbps
- Supports 64/128-bit WEP, WPA (PSK, TKIP with IEEE 802.1x), WPA2 (PSK, AES with IEEE 802.1x) functions for high level of security. (WPA2 for Windows 2000/XP only)
- Supports the most popular operating system Windows 98SE/ME/2000/XP
- Supports USB 2.0/1.1/1.0 interface
- Portable and mini-size design

Works Well With

WAP-3100
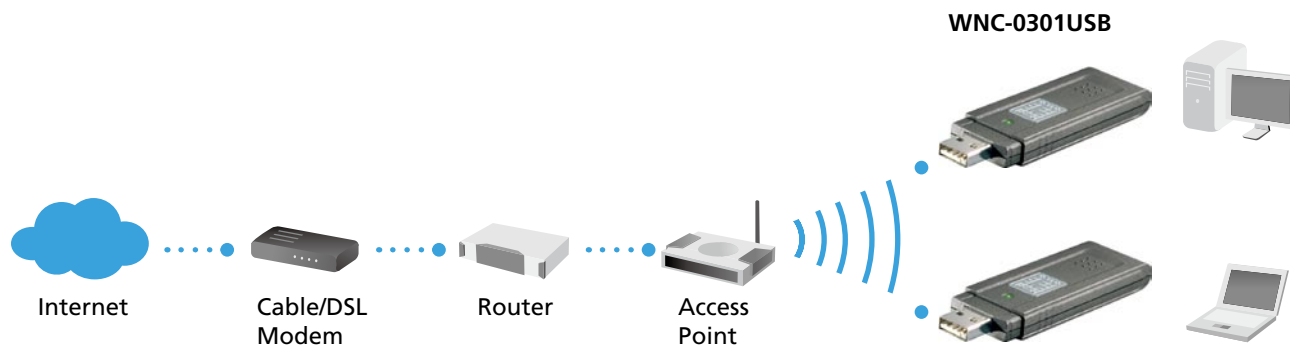11g Wireless PoE AP

WBR-3408
54Mbps Wireless Router w/ QoS

Technical Specification

Standards
IEEE 802.11g, IEEE 802.11b

Host Interface
USB Port Type: USB 2.0, 1.1, 1.0

Radio Operation

Data Transfer Rate
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: -70 dBm @ 54Mbps
802.11b: -83.5 dBm @ 11Mbps

Transmitter Output Power (Typical)
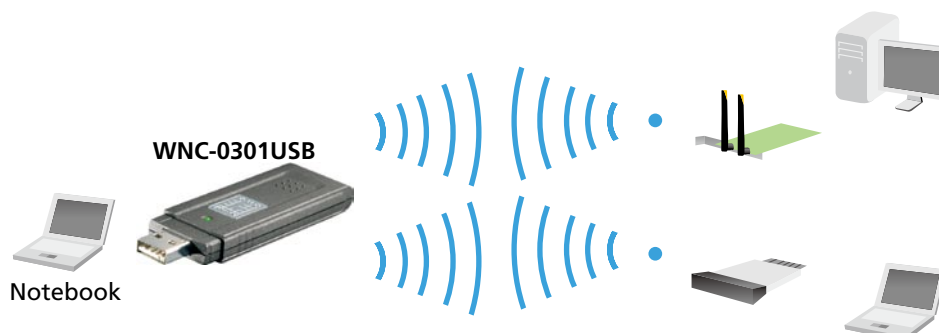802.11g/b: 17 ± 2dBm

Network Security
- WEP-64/128 bit
- WPA
- WPA-PSK
- WPA2
- WPA2-PSK
-TKIP, AES with 802.1x

Device Management
Windows Utility Software
OS Supported: Windows 98SE/ME/2000/XP

Physical Specifications
LED
Power/Link

Temperature
Operating: 0°C ~ 50°C

Humidity
0% ~ 95% (non-condensing)

Dimensions
87mm(D) x 27mm(W) x 9mm(H)

Certifications
CE,FCC

Product Diagram

Infrastructure Mode

WNC-0301USB

Internet   Cable/DSL Modem   Router   Access Point

Ad-hoc Mode

WNC-0301USB

Notebook

Order Information   **WNC-0301USB :** 11g 54 Mbps Dongle USB Adapter

Package Contents   WNC-0301USB
USB Cable
Quick Installation Guide
CD Manual/Driver/Utility

Option Accessories

SUS-1000
Small USB Stand

SUS-1003
Small USB Stand
with extension cable