

## 108Mbps USB Adapter

**Fast Wireless transmission**-- The **LevelOne's** WNC-0302USB is a wireless USB dongle adapter which is fully compliant with IEEE 802.11g and backward compatible to 802.11b with automatic rate selection for reliable wireless data communication. It also features the newest Wireless Super G technology to deliver data rates of up to 108Mbps at 2.4 GHz in the pure LevelOne Super G 108Mbps environment. This adapter is equipped with a USB2.0 user-friendly interface thus enabling high-bandwidth data transfers between adapter and computer. You can enjoy the best data throughput and also the capability to handle the multi-media, video streaming or real-time broadcast applications wirelessly while protecting your original network investment.

**Multi-Operation Mode**--Like LevelOne's other wireless adapter, the WNC-0302USB 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 group file sharing.

**Strongly Security and Easy Installation**--We protect wireless security with standard 64/128/152-bit WEP, WPA, and AES encryption features and further enhanced with 802.1x user authentication. Concerning OS compatibility: The WNC-0302USB can interoperate with Windows 98SE, ME, 2000, XP and 2003. This device supports the UPnP standard and you can easily and quickly install the adapter into any desktop or notebook with the set-up wizard and the hot-swappable USB interface. With its compact and portable design, LevelOne's WNC-0302USB makes it an easy fit for any limited space.



**WNC-0302USB**

### Related Products



**WNC-0300**

108Mbps Wireless PCI Card



**WPC-0300**

108Mbps Wireless PCMCIA Adapter



**WAP-0003**

108Mbps Wireless Access Point



**WBR-3405TX**

108Mbps Wireless 1W,4L AP Broadband Router

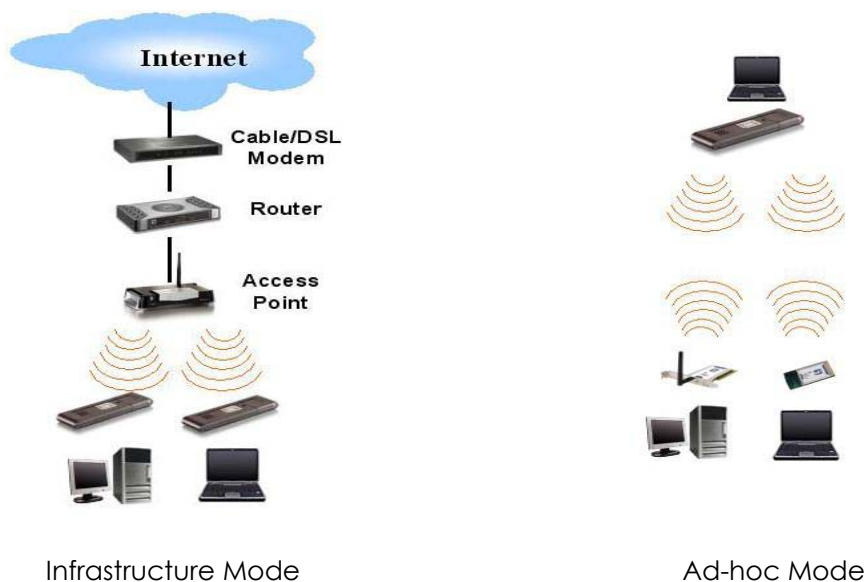
## Key Features

- Complies with IEEE 802.11b/g standards
- Achieving data rate up to 54Mbps for 802.11g and 11Mbps for 802.11b with wide range coverage
- Supports strongly wireless security including 64/128/152-bit WEP, WPA, 802.1x and AES
- Supports peer-to-peer communication among any wireless users for internet connection, no Access Point required
- Supports Infrastructure mode, Ad-hoc mode
- Automatic fallback increases data security and reliability
- Driver/Utility support most commonly used operating systems including Windows 98SE, ME, 2000, XP and 2003
- Supports USB 2.0/1.1/1.0 interface
- Plug and Play installation
- Portable and mini-size design

## Technical Specification

- **Standards Compliance**  
IEEE 802.11b, IEEE 802.11g
- **Bus Type**  
USB 2.0, 1.1, 1.0 Compliant
- **Emission Type**  
DSSS
- **Frequency Band**  
2.4 ~ 2.4835MHz
- **Data Rate (Auto Fallback)**  
802.11b: 11/ 5.5/ 2/ 1 Mbps  
802.11g: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps  
Super G: 108Mbps
- **Modulation Type**  
802.11b: BPSK, QPSK, CCK  
802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
- **Media Access Protocol**  
CSMA/CA
- **Antenna**  
Internal Antenna
- **Transmit Power**  
16dBm (Typically)
- **Channel Number**  
1 ~ 11 Channels (North America)  
1 ~ 13 Channels (EU)
- **Security Support**  
64/128/152-bit WEP/ WPA  
IEEE 802.1x authentication  
AES Encryption
- **Operation Mode**  
Infrastructure, Ad-hoc
- **LEDs**  
Link/ activity
- **Power Consumption**  
TX: 340mA  
RX: 150mA
- **Temperature**  
Operating: 0°C~55°C (32°F~131°F)
- **Humidity**  
Operating: 95% (non-condensing)
- **Dimension**  
9mm(H) \* 27mm(W) \* 87mm(D)
- **Supported OS**  
Windows 98SE/ ME/ 2000/ XP/ 2003
- **Weight**  
20g
- **EMI and Safety**  
FCC, CE

## Product Diagram



## Ordering Information

- WNC-0302USB: 108Mbps Wireless USB Adapter