

11g Wireless USB Dongle with WiFi Detector

The **LevelOne** WNC-0304USB is not only an 11g wireless USB adapter but also a WiFi Detector to sweep an area around you to detect optimum signal location.

Reliable Wireless Transmission -- The WNC-0304USB is fully compliant with IEEE 802.11g and 802.11b with automatic rate selection thus delivering data rates up to 54Mbps at 2.4 GHz. In addition, 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.

Built-in Wi-Fi Detector -- With the press of a button, the built-in WiFi detector will immediately display detailed information about any 802.11b/g wireless network such as SSID, signal strength, what kind of security (if any is enabled), the current operating channel and also what kind of network is available (infrastructure or Ad-hoc). The LCD with backlight also displays the number of access points you can connect to and battery indicator so you know when it needs to be recharged.

Robust Security and Easy Installation --We protect wireless networks from eavesdropping with standard 64/128/256-bit WEP. The WNC-0304USB also supports WPA that combines 802.1x and TKIP technologies. Also, this adapter supports WPA2, which uses AES technology to ensure the highest degree of security and authenticity for digital information, and is the most advanced solution defined by IEEE 802.11i for wireless network security. Concerning OS compatibility: The WNC-0304USB can operate 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. When the battery power indicator is low, you can easily recharge the built in Li-Polymer battery by plugging it into any USB port on your computer. With its compact and portable design, LevelOne WNC-0304USB fits easily into any limited space.



WNC-0304USB

Related Products



WNC-0301

54Mbps Wireless PCI Card



WPC-0301

54Mbps Wireless PCMCIA Adapter



WAP-0006

54Mbps Wireless Access Point



WAP-0007

54Mbps Wireless AP Storage

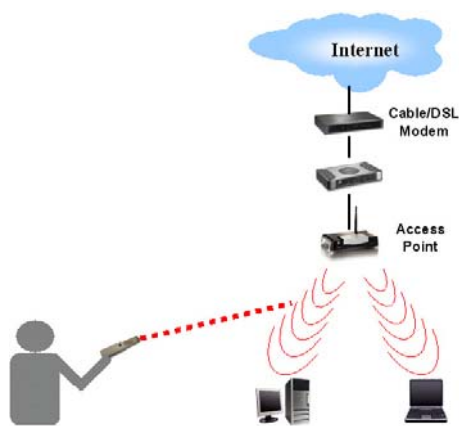
Key Features

- 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
- Immediately detects whether the environment has available wireless network or equipments
- Supports USB 2.0/1.1/1.0 interface
- A LCD with backlight indicates type of network (802.11b/g), signal strength, SSID, operating channel, network mode, number of APs, battery strength and type of security enabled on the detected network.
- Supports various wireless security including 64/128/256-bit WEP, WPA (TKIP with IEEE 802.1x) and WPA2 (AES with IEEE802.11x) WLAN securities
- Supports Infrastructure mode, Ad-hoc mode
- Supports PSP Xlink
- Driver/Utility support most commonly used operating systems including Windows 98SE, ME, 2000, and XP
- Plug and Play installation
- No software or computer required for detection
- Portable and mini-size design

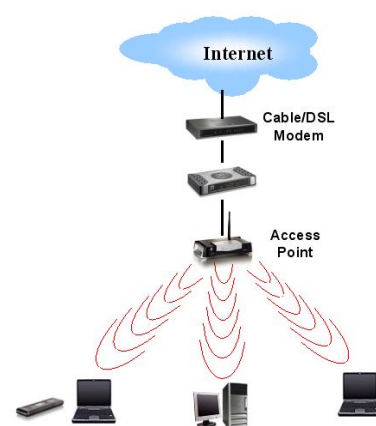
Technical Specification

- **Standards Compliance**
IEEE 802.11b, IEEE 802.11g
- **Bus Type**
USB 2.0 Type A; USB 2.0, 1.1, 1.0 Compliant
- **Frequency Band**
2.4000 ~ 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
- **Modulation Type**
802.11b: BPSK, QPSK, CCK
802.11g: OFDM with BPSK, QPSK, 16QAM, 64QAM
- **Media Access Protocol**
CSMA/CA
- **Antenna**
Internal Chip Antenna
- **Transmit Power**
16dBm
- **Channel Number**
1 ~ 11 Channels (North America)
1 ~ 13 Channels (EU)
- **Security Support**
64/128/256-bit WEP
WPA (TKIP with IEEE 802.1x)
WPA2 (AES with IEEE 802.1x, for Windows 2000/XP only)
- **Operation Mode**
Infrastructure, Ad-hoc, AP mode
- **LEDs**
11g WLAN, 11g AD-Hoc, 11b WLAN, 11b AD-Hoc, Free Access
- **Temperature**
Operating: 0°C~55°C (32°F~131°F)
- **Humidity**
Operating: 10-85% (non-condensing)
- **Dimension**
14mm(H) * 28.5mm(W) * 91mm(D)
- **Supported OS**
Windows 98SE/ ME/ 2000/ XP
- **Weight**
20g
- **EMI and Safety**
FCC, CE

Product Diagram



Detects existing wireless network without turn on your computer



Joins wireless network with WNC-0304USB

Ordering Information

- WNC-0304USB: 11g Wireless USB Dongle with WiFi Detector