



WL-5480USB-50

802.11g WLAN USB with 5dBi detachable antenna

The WL-5480USB-50 is a high performance 802.11g USB with detachable antenna. It is designed to allow your PC to reach the longest distance possible. Rated at 17dBm power, the device offer one of longest distance for WLAN USB adapter.



Detachable 5dBi Antenna

The included 5dBi patch antenna provides all direction coverage at twice the distance of standard 2dBi antenna. It is perfect for indoor client or AP use. For even more demanding application, the antenna can be removed and replaced with other antenna (using standard R-SMA connector) for even longer range.



Software AP Function

In addition to the WLAN USB adapter function, the WL-5480USB can also works as an USB adapter. The Software AP function to let the device working as an AP when connected to your PC. The drivers for Windows and Linux are included.



Extensive Security

In addition to the standard WEP encryption function, the USB also support WPA and the latest 802.11i standard. It provides the extra security you needed for your wireless network.



Specification

Standards

- IEEE 802.11g
- Compliant with Universal Serial Bus 2.0, 1.1, 1.0

Radio Technology

- IEEE 802.11b Direct Sequence Spread Spectrum (DSSS)
- IEEE 802.11g Orthogonal Frequency Division Multiplexing (OFDM)

Transmission Rate

- 54, 48, 36, 24, 18, 12, 9, 6 Mbps (auto sense) for 802.11g
- 11, 5.5, 2, 1Mbps (auto sense) for 802.11b
- **6Mbps for 802.11g using USB 1.1, 1.0

Receiver Sensitivity

- 54Mbps: Typical -72dBm @ 10%PER (Packet Error Rate)
- 11Mbps: Typical -85dBm @ 8% PER (Packet Error Rate)

Wireless LAN

- Frequency Range 2412 ~ 2484 MHz ISM band (channels 1 ~ 14)
- Modulation Schemes DBPSK/DQPSK/CCK/OFDM

Transmit Power

- IEEE 802.11g: Minimum 15dBm typically
- IEEE 802.11b: Minimum 17dBm typically

Media Access Protocol

- CSMA/CA with ACK

Channel

- USA: 1 ~ 11
- Europe: 1 ~ 13
- Japan: 1 ~ 14

Driver Support

- Windows 98se
- Windows 2000
- Windows ME
- Windows XP
- Linux

Security

- 64/128-bits WEP Encryption
- WPA802.1i Compliant AES encryption

Roaming

- Full mobility and seamless roaming from cell to cell

QoS

- 802.11e

International Regulation

- 802.11d

Antenna

- R-SMA antenna connector
- 5dBi Dipole Antenna

Software AP Function

- RTS/CTS
- support Fragment and Reassembly
- Power Saving support
- Hardware WEP (64 and 128 bit)
- MAC address filter Support
- Software bridge on Win 98 , WinME, Win2000, WinXP

Continuous Current Consumption

- Power Save mode = 103mA
- Standby mode = 2mA
- Transmit mode = 450mA
- Receive Mode = 180mA

Diagnostic LEDs

- Power/Link

Dimensions

- (W x H x D) 108 x 75 x 35 mm 190 g

Operation Temperature

- 0 ~ 55°C

Humidity

- 5% ~ 90% RH, no condensation

Certifications

- CE
- ETS 300 328 for Europe

Ordering Information

AirLive WL-5480USB-50 802.11g WLAN USB Adapter with 5dBi dipole antenna

Manufacturer

OvisLink Corp.