

## WN-380USB

### Long Range Wireless-B/G/N Palm Size USB Adapter with Detachable Antenna

**A**ireLive WN-380USB is a High-Power 802.11n USB Adapter with detachable antenna. It is designed to transfer data wirelessly over the longest possible distance.

Palm  
size

Long  
Distance

300  
Mbps

Linux

USB  
2.0

MIMO

Mac  
OS

Window  
OS



### High Power for Greater Distance of Wireless Coverage

With transmission power of up to 23dBm\*, WN-380USB offers long distance wireless coverage. By using 5dBi antenna which is included in WN-380USB, it can reach up to 90Mbps, in actual throughput, under normal indoor usage. For even more demanding application, the antenna can be replaced (using standard R-SMA connector) to give you even greater flexibility and options.

### Compact Design for Greater Mobility

WN-380USB small but sturdy base provides excellent support for the use of a bigger and higher gain antenna. Design to be compact and lightweight, WN-380USB provides users with maximum mobility.

### Software AP Function

In addition to the WLAN USB adapter function, the WN-380USB can also work as an Access Point. The Software AP function allows the WN-380USB to work 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 WN-380USB also supports WPA and the latest 802.11i standard. It provides the extra security necessary for wireless network.

### Specifications

#### Standards

- IEEE 802.11 b/g/n standards compliant

#### Antenna

- 5dBi

#### Frequency Range

- 2.400GHz~2.4835GHz

#### Operating Frequency / Channel

- 2.412~2.462GHz (Canada, FCC) / 11 Channels
- 2.412~2.484GHz (Japan, TELEC) / 14 Channels
- 2.412~2.472GHz (Euro, ETSI) / 13 Channels

#### Security

- WEP 64/128
- WPA, WPA2

#### Access Protocol

- CSMA/CA

#### Output Power (HIGH-POWER)

- 11n: 22dBm (Typical)  $\pm 1$
- 11g: 24dBm (Typical)  $\pm 1$
- 11b: 28dBm (Typical)  $\pm 1$

#### Data Rate

- 11n (40MHz): up to 150M/300bps
- 11n (20MHz): up to 72/144Mbps
- 11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps
- 11b: 11, 5.5, 2, and 1Mbps with auto-rate fall back

#### Sensitivity

- 11n: 90dBm
- 11g: 92dBm
- 11b: 95dBm

#### Working Mode

- Ad-Hoc or Infrastructure

#### Host Interface

- A-Type USB 2.0 connector

#### Operation Voltage

- 5V DC

#### Environment Specifications

- Operating Temp : 0°C to 60°C
- Storage Temp : -20°C to 70°C
- Storage Humidity: 10% to 90% Non-Condensing

#### Physical Specifications

99(L) x 60(W) x 16(H)

#### Operating System Support

- Windows® 98SE/ME/2000/XP/VISTA/, Win 7, Mac and Linux

#### Approval

- FCC Part 15
- CE

### Ordering Information:

#### AirLive WN-380USB

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