

Model: AF-WK1105N

## 11N 150Mbps Outdoor Wireless USB Adapter



### Description:

The wireless b/g/n USB Adapter complies with IEEE 802.11n, 802.11g and IEEE802.11b standards. Wireless transmission rates can reach up to 150Mbps. The adapter employs MIMO technology and has internal Intelligent Antennas providing even better wireless performance, transmission rates, stability and coverage. This product supports 64/128/256-bit WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms in addition to the adapter's QSS (Quick Secure Setup) feature, allowing users to quickly and easily setup wireless security. It can connect with the locked SSID wireless router. Use to Desktop and Laptop computer to get Wi-Fi signal freely.

### Feature:

- Comply with 802.11 n/b/g
- Waterproof Housing/casing for outdoor use
- Chipset: Ralink 3070 ,
- Detachable Panel antenna(14DBI)
- High Output Power up to 1000mW (30 dBm) for extend the coverage range up to 10x than standard USB adapters
- Operating distance of up to 1500 meters in free space, depending on surrounding environment
- Plug -and-Play compatible with all computers
- High security 64/128/256bit WEP Encryption, TKIP, WPA, WPA-PSK/WPA2-PSK encryptions and mechanisms in addition to the adapter's QSS (Quick Secure Setup)
- Software AP Function, Support PSP, X-Link, QoS, WMM.

**Specifications:**

|                             |  |
|-----------------------------|--|
| Model                       | AF-WK1105N   |
| Standard                    | IEEE 802.11N, IEEE 802.11b, IEEE 802.11g                     |
| Chipset                     | Ralink 3070 (500mW)  |
| Frequency Band              | 2.412GHz ~ 2.484GHz unlicensed ISM band                      |
| Access Protocol             | CSMA/CA  |
| Number of operation 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                    |
| Data Rate                   | IEEE 802.11b: 1, 2, 5.5, 11Mbps                              |
|                             | IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps               |
|                             | IEEE 802.11n: 150Mbps  |
| RF Output Power(Typical)    | 802.11g: up to 27 ± 1 dBm                                    |
|                             | 802.11b: up to 30 ± 1 dBm                                    |
|                             | 802.11n: up to 21+-1dBm                                      |
| Receive Sensitivity         | Operating at 11Mbps:-82dBm@8%PER,54Mbps:-65dBm@10%PER        |
| Power Consumption           | Transmit:800mA ; Receive:400mA                               |
| Antenna                     | Panel 14dbi outdoor use                                      |
| Security                    | WEP (64/128/256bit), WPA, WPA-PSK, WPA2 TKIP/AES, WPA2-PSK   |
| I/O Interface               | USB2.0/1.1   |
| Operating System            | Windows98SE, ME, 2000, XP, SP2, Vista, MAC, Linux, Windows 7 |
| Operating Temperature       | -20 ~ 70 Celsius   |
| Storage Temperature         | -40 ~ 80 Celsius   |
| Humidity                    | 10 ~90% (non-condensing)                                     |
| Size                        |  |
| Weight                      |  |

**Accessories:**

5/8/10 meters USB cable  
 CD driver  
 manual/warranty card