

# AWUS036H

## Extremely Long-Range 802.11b/g USB Adapter



The New AWUS036H Wireless USB adapter allows users to launch IEEE 802.11g wireless network at 54 Mbps in the 2.4GHz frequency making it compatible with IEEE 802.11b wireless devices at 11Mbps. You can configure this USB adapter with ad-hoc mode to connect to other 2.4GHz wireless computers or with a Infrastructure mode to connect to a wireless AP or router allowing access to the Internet. This adapter includes a convenient Utility for scanning available networks and saving preferred networks that users usually connect with. Security encryption can also be configured by this utility.

### Product Features:

- Compatible with IEEE 802.11 b/g/ wireless standards
- 1000mW for long range distance
- Complies with Universal Serial Bus Rev. 2.0 specifications
- High speed transfer TX data rate up to 54Mbps
- Supports wireless data encryption with 64/128-bit WEP, WPA, WPA2, TKIP, AES, and 802.1x.
- Support Wake-on-LAN (WOL) function and for remote wake up
- Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe



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## Extremely Long-Range 802.11b/g USB Adapter Specification:

<b>Standards</b>	Wireless: IEEE 802.11b/g
<b>Data Rate</b>	802.11b: UP to 11Mbps 802.11g: UP to 54Mbps
<b>OS Supported</b>	Windows 2000, XP, Vista, 7, Mac OS X (32-bit), and Linux Kernel 2.6.x
<b>Interface</b>	USB 2.0 mini USB
<b>Antenna Type</b>	1 x 2.4GHz RP-SMA connector
<b>Chipset</b>	Realtek RTL8187L
<b>Antenna</b>	5dBi 2.4GHz Antenna
<b>Frequency Range</b>	2.412 ~ 2.483 GHz
<b>Channels</b>	1~11 channels ( North America ) 1~13 channels ( General Europe ) 1~14 channels ( Japan )
<b>Output Power</b>	30dBm ±2
<b>Sensitivity</b>	-93dBm @ 11Mbps
<b>Power</b>	Voltage: 5V+5%
<b>Security</b>	WEP 64/128, 802.1X support, Wi-Fi Protected Access (WPA), WPA-PSK, WPA II-PSK, AES, TKIP.
<b>Operating Temp</b>	0°C ~ 50°C
<b>Humidity</b>	10% ~ 95% non-condensing

### Application:

