

# AWUS036EW

## Long-Range 802.11 b/g USB



The AWUS036EW Wireless USB adapter allows users to launch IEEE 802.11g wireless network at 54 Mbps in the 2.4GHz frequency, which is also compatible with IEEE 802.11b wireless devices at 11Mbps. You can configure this adapter with ad-hoc mode to connect to other 2.4GHz wireless computers or with Infrastructure mode to connect to a wireless AP or router for accessing to Internet. This adapter includes a convenient Utility for scanning available networks and saving referred networks that users usually connected with. Security encryption can also be configured by this utility.

### Product Features:

- Complies with Universal Serial Bus Rev. 1.0, 1.1 and 2.0 specifications.
- High-Power 500mW for long-Range distance
- High Speed transfer data rate up to 54 Mbps
- Dynamic data rate scaling at 1, 2, 5.5 and 11Mbps for 802.11b and 6,9,12,18,24,36,48 and 54Mbps for 802.11g
- Support turbo mode for 72 Mbps data rate
- Support wireless data encryption with 64/128-bit WEP, WPA (TKIP with IEEE 802.1X) and AES functions.
- Range Coverage : Indoor 35~100 meters; Outdoor 100~300 meters
- Support Wake-on-LAN (WOL) function and remote wake-up
- Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe
- Support driver for Windows 98se, Me, 2000, XP and Vista, Apple Mac and Linux.
- Supports auto-installation and diagnostic utilities.

For further details:

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## Long-Range 802.11 b/g USB

### Specifications:

<b>Model</b>	AWUS036EW
<b>Product</b>	802.11g Turbo Wireless LAN USB Adapter with Reverse SMA Connector
<b>Standards</b>	IEEE 802.11 b/g
<b>Bus Type</b>	USB 2.0 Type A
<b>Frequency Band</b>	2.4000~2.4835GHz (Industrial Scientific Medical Band)
<b>Modulation</b>	OFDM with BPSK, QPSK, 16QAM, 64QAM (11g) BPSK, QPSK, CCK (11b)
<b>Data Rate</b>	54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback
<b>Securities</b>	64/128-bit WEP Data Encryption, WPA (TKIP with IEEE 802.1X), AES
<b>Antenna</b>	External 5dBi Dipole Antenna
<b>Drivers</b>	Windows98SE/Me/2000/XP/2003 Server/Vista/Win CE/ MAC OS/Linux
<b>LEDs</b>	Link/Activity
<b>Transmit Power</b>	27dBm± 2dBm
<b>Receive Sensitivity</b>	-70dBm@54Mbps, -83.5dBm@11Mbps
<b>Dimension</b>	10(H) x 28(W) x 90(L) mm
<b>Temperature</b>	32~122°F (0 ~50°C)
<b>Humidity</b>	10~95% (Noncondensing)