

High Power 500mW Wireless-G USB AP & Client Adapter

WLU-2403

The WLU-2403 is a high power wireless USB 2.0 adapter that supports the IEEE 802.11b/g (2.4GHz) radio operation. It provides a high power and high-speed wireless connection with turbo data rate. It has removable antenna that allows you to connect with external higher gain antenna. To protect your wireless connectivity, the high-speed wireless USB adapter can encrypt all wireless transmissions through WEP/WPA/WPA2 data encryption.

Features at a glance



- Connects at a full 54Mbps via USB 1.1/2.0, up to 8 times faster than a USB 1.1 adapter
- Detachable high gain antenna, compact size for greater flexibility
- AP and AP WDS modes that allows your mobile device or wireless broadcast
- Supports Wake-On-LAN (WOL) function and remote wake-up (Magic Packet and Microsoft wake-up frame), with signals (active high / low, positive / negative pulse)
- Turbo mode for higher throughput
- High security 64/128 WEP, 802.1x, WPA, WPA-PSK, WPA2
- Plug-and-Play compatible with Windows 98SE/ME/2K/XP/Vista, Linux, MAC, and WinCE

Specification

Interface	USB 1.1/2.0
Standard Conformance	IEEE802.11g, IEEE802.11b
Data Transfer Rate	IEEE802.11b : up to 11 Mbps; IEEE802.11g : 54 Mbps
Output Power	500mW (27dBm)
Security	WEP 64/128, IEEE802.1x support, WPA, WPA-PSK, WPA2
Frequency Range	2412~2462 MHz (N.A); 2412~2472 MHz (EU); 2412~2484 MHz (Japan)
Data Modulation Type	IEEE802.11b/g : BPSK, QPSK, CCK, DSSS / OFDM
Operating Channels	11 for North America, 14 for Japan, 13 for Europe
Operating Modes	Station, AP, AP WDS, Turbo, Power Saving, WOL,
Sensitivity for 802.11b	1, 2 Mbps (BPSK, QPSK): -96dBm ; 11 Mbps (CCK): -91dBm (Typically @PER < 8% packet size 1024 and @25°C + 5°C)
Sensitivity for 802.11g	54Mbps (64QAM): -76dbm; 48Mbps (64QAM): -71dbm 36Mbps (16QAM): -78dbm; 24Mbps (16QAM): -80dbm 18Mbps (QPSK): -81dbm ; 12Mbps (QPSK): -82dbm 9Mbps (BPSK): -85dbm; 6Mbps (BPSK): -91dbm (typically @PER < 10% packet size 1024 and @25°C + 5°C)
Antenna	Detachable 1 x 2.4 GHz SMA connector (2 dBi)
LED Indicators	Power/Status and Wireless Act, WOL mode
Operating Voltage	5 V ± 5%
Operating systems	Windows XP/2K/ME/98SE/Vista, Linux 2.6, Mac 10.4, Wince 5.0, Support S/W AP
Environment & Mechanical Characteristics	
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 65°C
Humidity	5%~98% Typical
Dimensions	8.5 x 2.2 x 6.3 cm
Weight	38.5g