

## MWU-201 Wireless 802.11b/g USB Adapter

The **MWU-201** is one of the world's smallest WLAN USB adapter which fully supports the features and functional compliance of IEEE 802.11b/g standard.



It enables the deployment the latest updated WMM™ (Wi-Fi Multimedia) standard and is designed to provide good performance with minimum power consumption and enhance the advantages of robust system and cost-effective.

The **MWU-201** is targeted at competitive price-performance, better power management, high volume desktop and notebook PCs.

### Features

- 2.412GHz ~ 2.484GHz unlicensed ISM frequency band.
- Operating distance of up to 300 meters in free space.
- Support WMM™ (Wi-Fi Multimedia) function.
- Support USB 2.0/1.1 interface.
- 64-bit, 128-bit or 256-bit WEP/WPA/WPA2
- Support for Microsoft Windows 2000, XP, XP x64, MAC and Linux.
- Easy operation and setting up.



**Technical Specifications**

Product Name	Wireless LAN 11g USB Adapter with external detachable antenna
Chipset	Zydas1211B
Standard	IEEE 802.11b, IEEE 802.11g
Frequency Band	2.4GHz ~ 2.483GHz unlicensed ISM band
Spread Spectrum	IEEE 802.11b : DSSS (Direct Sequence Spread Spectrum) IEEE 802.11g : OFDM ( Orthogonal Frequency Division Multiplexing)
Modulation Method	IEEE 802.11b : DBPSK / DQPSK / CCK IEEE 802.11g : BPSK, QPSK, 16QAM, 64QAM
Data Rate	IEEE 802.11b : 1, 2, 5.5, 11Mbps IEEE 802.11g : 6, 9, 12, 18, 24, 36, 48, 54Mbps
Operation Mode	Ad hoc Infrastructure (Access Points is needed)
Transmitter Power	IEEE 802.11b: 17 +/- 2 dBm IEEE 802.11g: 14 +/- 2 dBm
Receive Sensitivity	Operating at 11Mbps: -80 dBm @ 8 % FER Operating at 54Mbps: -70 dBm @ 8 % FER
Operating Range	Up to 300m, depending on surrounding environment
Antenna	External SMA antenna (2 dBi)
Power Consumption	Transmit: < 270mA Receive: < 160mA
Security	64-bit, 128-bit or 256-bit WEP (Wired Equivalent Privacy) / WPA WPA-PSK / WPA2 / WPA2-PSK / TKIP / AES
I/O Interface	USB 2.0/1.1
LED	Link/Active
Operating System	Windows 2000, XP, XP x64, Vista Linux, MAC
Management	Windows-based Utility
Certifications	FCC part 15B/C for North America. CE for Europe.
Dimension	87(L) x 27(W) x 13.8(H) mm Antenna: 117(L) x $\varnothing$ 10mm
Weight	16g Antenna: 10g
Operating Temperature	0 - 50 celsius
Storage Temperature	-20 - 70 celsius
Humidity	5 - 90% (non-condensing)
Warranty	1 year