MyTek Communication Ltd.

WL-2203S Wireless 802.11b/g USB Adapter

WL-2203S is a WLAN USB Adapter which fully supports the features and functional compliance of IEEE 802.11b/g standard. It is designed to provide good performance with minimum power consumption and enhance the advantages of robust system and cost-effective. WL-2203 is targeted at competitive price-performance, better power management, high volume desktop and notebook PCs.

Technical Specifications

Product Name	Wireless LAN 11g USB Adapter
Chipset	Zydas1211
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	17 dBm
Receive Sensitivity	Operating at 11Mbps: -80 dBm @ 8% FER
Operating Range	100 - 400m, depending on surrounding environment
Antenna	On board chip antenna
Power Consumption	Transmit : < 350mA.
	Receive : < 260mA.
Security	64-bit or 128-bit WEP (Wired Equivalent Privacy) /WPA
	TKIP (Temporal Key Integrity Protocol)
I/O Interface	USB 2.0
LED	Green LED indicator
Operating System	Windows 98SE, Me, 2000, XP
Management	Windows-based Utility
Regulation	FCC part 15B/C for North America.
	CE for Europe.
Operating Temperature	0 ~ 55 celsius
Storage Temperature	-20 ~ 70 celsius
Humidity	5 ~ 90% (non-condensing)