

WiFi USB Adapter

Overview

Supports the features and functional compliance of IEEE 802.11b/g standard. The dongle is designed to provide good performance with minimum power consumption and enhance the advantages of a robust system while being cost effective. Offering better power management

Features

- Compatible with IEEE 802.11b high rate standard to provide wireless 11Mbps data rate.
- Compatible with IEEE 802.11g higher speed standard to provide wireless 54Mbps data rate
- Dynamic data rate scaling at 6, 9, 12, 18, 24, 36, 48 and 54Mbps for 802.11g.
- Support wireless data encryption with 64/128 WEP for security
- Support infrastructure networks via access point and ad-hoc network via peer-to-peer communications
- Supports WPA enhanced security
- Supports DFS/TPC for European operation
- Friendly user configuration and diagnostic utilities
- High speed USB 2.0 interface

Technical data

Product Name	LM800
Chipset	SiS 163U
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
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
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)
Size	58 (L) x 23(W) x 9(H) mm
Weight	9 g

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Package Contains

Wifi adapter
Driver CD