



GL2411-MU

11Mbps Wireless LAN Mini USB Adapter Credit Card Size

FEATURES

- IEEE 802.11b Direct Sequence high data rate compatible
- Glueless connection to Intersil PRISMII Direct Sequence Spread Spectrum (DSSS) radio chipset
- Supports 11 Mbps rates with automatic fallback to 5.5, 2 and 1 Mbps
- Advanced Power Management for power saving mode
- External antenna to increase the transmission power and receiving sensitivity
- Plug-and-Play installation
- 64/128 bit WEP encryption/decryption is accomplished on the fly
- Supports Infrastructure mode and Ad hoc mode
- Windows based monitor and configuration utility
- Auto run installation CD with drivers for Windows 98SE / Me / 2000 / XP

OVERVIEW

The wireless LAN mini USB adapter is a long-range, high performance product, which provides the connectivity to an access point at 2.4GHz RF network and bridges to an Ethernet backbone. The design of this product is based on Intersil PRISM II chipset. The adapter supports an outside-the-box LAN connection for USB-enabled PCs with excellent levels of security, robustness and roaming features required for your business with a data rate up to 11Mbps.

In compatibility with USB specification 1.1, this USB adapter device also provides energy-saving suspend mode and resume operations. It is a real plug-and-play, hot-swapping and simple test installation device with the support of full Microsoft network security.

SPECIFICATIONS

Radio Specifications	
Standard	IEEE802.11b Wireless LAN Standard
Emission Type	Direct Sequence Spread Spectrum (DSSS)
Modulation Type	BPSK (1Mbps) / QPSK (2Mbps) / CCK (5.5/11Mbps)
Frequency Range	2.4GHz ISM Band
Operating Channel	11 Channels (US, Canada) 13 Channels (Europe) 14 Channels (Japan)
Data Rate	11 / 5.5 / 2 / 1 Mbps with auto fallback
RF Output Power	16-18dBm minimal
Receiver Sensitivity	-80dBm typically
WEP Encryption	64 / 128 bit Wired Equivalent Privacy
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Compliant	FCC Part 15 Class B, Sec. 15.247 and 15.109 (USA) ETSI 300 328, ETSI 300 826, EN60950, CE (Europe) WiFi Compliant
Typical Operating Range	50m indoors, 200m outdoors for 11Mbps 80m indoors, 300m outdoors for 5.5Mbps 120m indoors, 350m outdoors for 2Mbps 150m indoors, 400m outdoors for 1Mbps (Note: Operating range depends on application environments)
System Specifications	
Management	Windows Based Monitor / Configuration Utility
System Interface	USB v1.1 Standard
LED Indicators	Power (Red), TX/RX (Green)
Antenna Type	2dBi (max) with built in external antenna
Power Consumption	USB bus power, 500mA Max.
Dimension	78 x 55 x 15 mm credit card size
Weight	120gw
Power Supply	Power supply from USB bus, no external power required
Operating System	NDIS5.0 LAN driver for Win98SE, WinMe, WinXP, Win2000
Environment	
Operating Temperature	0°C to 55°C
Storage Temperature	-20°C to 70°C
Operating Humidity	0% to 70% Non-Condensing
Storage Humidity	0% to 95% Non-Condensing

ORDERING INFORMATIONS

Model	Description
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EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

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EUSSO Technologies, Inc.

Tel: +886-2-8221-4616

Email: .com

6F, No.389, Sec.2, Chung Shan Road, Chung Ho City, Taipei 235 Taiwan, R.O.C.

Fax: +886-2-8221-4607

<http://www.eusso.com>