SparkLAN
Connections Made Easy

WL-711A

Dual-Band Wireless
802.11a/b/g CardBus Adapter
Freedom to Adapt All 802.11 networks

The SparkLAN WL-711A Wireless 11a/b/g CardBus Adapter offers high-speed wireless connection with a data rate up to 108Mbps. It can provide the speed you need for large file download, digital video and audio transmissions. WL-711A supports seamless roaming from cell to cell in all types of wireless networks. You can place your notebook anywhere at home or in the office building without any wire limitation.

The SparkLAN WL-711A supports advanced security features including 64/128-bit Wired Equivalent Privacy (WEP) & WPA encryption for more secured user network environment.

Benefits
- Dual-Band wireless adapter connects your desktop PC to 802.11a,802.11b, 802.11g wireless networks.
- Protects your wireless communications with up to 128-bit encryption.
- Incredible data rates up to 108Mpbs.

Features
- One adapter connects either 2.4GHz (802.11b or 802.11g) or 5GHz (802.11a) networks.
- Advanced security features with up to 128-bit WEP encryption.
- Easy to setup.

Specifications

Interface	
Host Interface	CardBus Interface
LED indicator	Power, Network Link
Antenna	Integrated Dual Band diversity antenna
Radio Characteristics	
Standard	802.11a, 802.11b, 802.11g
Frequency Band	802.11a: US: UNI-Band 5.15~5.35GHz EU: UNI-Band 5.15~5.35GHz 　　UNI-Band 5.47~5.725GHz 802.11b/g: 　　ISM band 2.4GHz ~ 2.4835GHz
Modulation	802.11a/g: OFDM 802.11b: CCK,DQPSK, DBPSK
Receive Sensitivity	802.11a: -70dBm @54Mbps 10% PER 802.11g: -72dBm @54Mbps 10% PER 802.11b: -88dBm @11Mbps 10% PER
Transmit Power	802.11a: 15dBm(typical) 802.11b: 18dBm(typical) 802.11g: 16dBm(typical)
Data Rate	802.11b: 11Mbps, 5.5Mbps, 2Mbps, 1Mbps, auto fallback 802.11g & 802.11a: 108, 54, 48, 36, 24, 18, 12, 9, 6 Mbps
Operating Range[2]	802.11a : Up to 50m (Outdoor) 802.11g : Up to 100m (Outdoor)

Environmental	
Dimension	120x54x8 mm (LxWxH)
Weight	42g
Security	64/128bit WEP,WPA
Temperature	0~ 60°C(Operating),-20°C to 80°C(Storing)
Humidity	Operating Humidity 10% to 85% Non-Condensing Storage Humidity 5% to 90% Non-Condensing
Operating Voltage	3.3V$\pm$5%
Requirement	
Operating Systems	Win 2000/XP

Certification

FCC , CE

Warranty

1 year

Package Content

- Dual-Band Wireless 802.11a/b/g CardBus Adapter
- Setup CD-ROM with User Guide ● Quick Installation Guide

Notes:
(1) Support enhanced proprietary Super Mode up to 108 Mbps.
(2) The transmission speed varies in the surrounding environment