

## Sparklan WL-711A 802.11a/b/g Wireless Cardbus Adapter



The Sparklan **WL-711A** wireless 11a/b/g Cardbus Adapter offers high-speed wireless connection with a data rate up to 108Mbps. **WL-711A** supports seamless roaming from cell to cell in all types of wireless networks.

You can place your notebook computers anywhere at home or in the office building without any wire limitation.

The **WL-711A** supports advanced security features including AES and up to 152-bit Wired Equivalent Privacy (WEP) and WPA encryption for more secured user network environment.

### Benefits

- Dual-band wireless adapter connects your notebook to 802.11a, 802.11b, 802.11g wireless networks.
- Protects your wireless communications with up to 152-bit encryption.
- Incredible data rates up to 108Mbps.

### Features

- One adapter connects either 2.4GHz (802.11b or 802.11g) or 5GHz (802.11a) networks.
- Advanced security features with up to 152-bit WEP encryption.
- Easy to setup.

### Technical Specification

<b>Standards</b>	IEEE 802.11a, 802.11b, 802.11g
<b>Frequency Bands</b>	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: 2.412 – 2.4835GHz
<b>Modulation</b>	802.11b: CCK, DQPSK, DBPSK 802.11a/g: OFDM
<b>Transmit Power</b>	IEEE 802.11a: 15 dBm (typical) IEEE 802.11g: 16 dBm (typical) IEEE 802.11b: 18 dBm (typical)
<b>Receive Sensitivity</b>	802.11a: -70 dBm @ 54 Mbps 10% PER 802.11g: -72 dBm @ 54 Mbps 10% PER 802.11b: -88 dBm @ 54 Mbps 10% PER
<b>Data Rates</b>	IEEE 802.11b (auto fallback): 11, 5.5, 2, 1 Mbps IEEE 802.11g (auto fallback): 108, 54, 48, 36, 24, 18, 12, 11, 9, 6 Mbps IEEE 802.11a (auto fallback): 54, 48, 36, 24, 18, 12, 11, 9, 6 Mbps

Operating Range	802.11b: outdoor 300 m 802.11g: outdoor 100 m 802.11a: outdoor 50 m
PCI	Cardbus
Antenna	Integrated dual band diversity antenna
Security	64/128/152 bites WEP, WPA
Size	120 x 54 x 8 mm (LxWxH)
Weight	42g
Temperature	Operating: 0C - 60C Storing: -20C – 80C
Humidity	Operating: 10-85 % Non-condensing Storing : 5-90 % Non-condensing
Operating Voltage	3.3V+/-5%
LED Indicators	Power Network Link
Operating Systems	Win2000/XP
Certification	CE, FCC
Warranty	1 year