

I-Fly PCMCIA Wireless Card



where solutions begin



A02-WPCM-54G



PLUS

- Interoperable with IEEE802.11g and IEEE802.11b
 - Up to 108Mbps raw data rates in SuperG™
 - Real-time hardware data compression
 - Dynamic transmit and modulation optimization
 - Standards-compliant bursting mode adapts to the network
 - Security without compromise and without performance degradation
- Very easy to install and user friendly

WHY TO BUY

The device for a total freedom of movement without losing the connection. Easy to be installed and fast and flexible, with I-Fly Wireless PCMCIA Card there is no more obligation for a fixed working place: you can easily work or navigate for fun from your own garden or in different rooms of your office, always in wireless connection.

Thanks to advanced security functions which are integrated and thanks to the throughput of the protocol IEEE802.11G you are going to have a fast and flexible wireless net, hacker safe.

The chipsets fully support Wi-Fi Protected Access (WPA) and the IEEE 802.11i draft security standards in hardware and high-speed encryption engines for both the Temporal Key Integrity Protocol (TKIP) and the Advanced Encryption Standard (AES) with no performance degradation.

Last, but not least, this product implements Atheros Super G™ (available for devices with chipset Atheros) capabilities to deliver 108 Mbps raw data rates and 90 Mbps TCP/IP throughput for 802.11g wireless LANs (Real-time hardware data compression, Dynamic transmit and modulation optimization and Standards-compliant bursting mode adapts to the network).

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TECHNICAL FEATURES:

Physical Interfaces

PCMCIA Card Bus 32 bit compliant (PC Card Standard V7.0)
Wireless 54Mbps (IEEE802.11g) and 11Mbps (IEEE802.11b)
2 Led (Power, Link Status)

802.11b Interface

Chipset Atheros™ (AR2112, MAC/BBP 5212)
Built-in diversity patch antenna, 2dBi gain (max.)

Advanced Characteristics

Atheros **Super G™** capabilities to deliver **108 Mbps raw data rates** and 90 Mbps TCP/IP throughput for 802.11g wireless LANs (Real-time hardware data compression, Dynamic transmit and modulation optimization and Standards-compliant bursting mode adapts to the network)

The chipsets fully support Wi-Fi Protected Access (**WPA**) and the IEEE 802.11i draft security standards in hardware and high-speed encryption engines for both the Temporal Key Integrity Protocol (**TKIP**) and the Advanced Encryption Standard (**AES**) **with no performance degradation**.

Radio Spec.

Standard IEEE802.11g and IEEE802.11b
DSSS(Direct Sequence Spread Spectrum)
Modulation: QPSK / BPSK / CCK and OFDM
RF Frequency:2.400 GHz ~2.4835GHz
Operating Channel:: 13 (Europe)
Data Rate (with automatic adaptation): 802.11g: Up to 54Mbps (with Automatic Fall-Back) and 108Mbps in SuperG™
Coverage Area: [Outdoor <100M ; Indoor <30M]
Power Consumption: (3.3V ± 5% DC)

- IEEE802.11g: 650mA Tx, 400 mA Rx and 20mA Standby
- IEEE802.11b: 600mA Tx, 350 mA Rx and 20mA Standby

Drivers for: Windows 98, ME, 2000, XP

Physical and Environmental

Dimensions/Weight: 119mm*54mm*12mm/35g
Temperature: Operating:[0°C to 49°C], Storage:[-20°C to 65°C]

System Requirements

Operating System: Windows 98/Me/2000/XP
PC with Pentium III 600MHz system or above is recommended
Equipped with at least one PC Cardbus socket or PC Cardbus adapter
Minimum Disk Space: 15MB for utility and driver installation and One CD-ROM drive

Package contents:

I-Fly PCMCIA Wireless Card, CD-ROM containing drivers and the online manual and Quick start guide (English, Italian, French, Spanish and German)

WARRANTY 3 Years "ON SITE"!

The Atlantis Land products are guaranteed ONSITE for 3 years. Atlantis Land s.p.a will substitute the faulty product with a new one cost free. The warranty is free, we only require you to register on the web site www.atlantis-land.com (in the section Supp./Warranty) within 30 days of the purchase date. Further details are available on the web site

PRODUCT I-Fly PCMCIA Wireless Card
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