Wireless USB Adapter

A02-UP-W54

PLUS:

Interoperable with IEEE 802.11g and 802.11b standards

Up to 54Mbps

Strong network security with WEP and WPA support

USB 2.0 & USB 1.1 compliant

Very easy to install and user friendly

DESCRIPTION:

The device for a total freedom of movement without losing the connection. Easy to be installed and fast and flexible, with USB Wireless Adapter there is no more need for a fixed working place: you can easily work or just surf for fun from either your own garden or in different rooms of your office, always in wireless connection.

In your own environment a Ethernet Net can be completely implemented for an efficient net of PCs or notebooks without additional hardware or expansive installation of cable lines.

The Device is suitable for both PC Desktop and Notebook.

It supports both USB 2.0 and USB 1.1 at the same time. Through USB 2.0 the data rate reaches 480MBytes.

Strong network security with WEP and WPA support.

TECHNICAL FEATURES

Physical Interfaces

- Host Interface: Mini USB/ USB V2.0 (or USB V1.1)*
- Wireless 54Mbps (IEEE802.11g)
- 1 Led (Power, Link Status)

802.11b/g Interface

- Chipset SIS163 ™
- Antenna Type: PIFA Antenna 2.4Ghz (2dBi Gain)
- 64/128-bit WEP and WPA-PSK

Radio Spec.

- Standard IEEE802.11b and IEEE802.11g
- DSSS(Direct Sequence Spread Spectrum)
- Modulation: QPSK / BPSK / CCK / OFDM
- RF Frequency:2.412 GHz ~2.472 GHz
- Operating Channel:: 13 (Europe)
- Data Rate (with automatic adaptation) 802.11b: Up to 11Mbps
   [1/2/5.5/11] (with Automatic Fall-Back)
- Data Rate (with automatic adaptation) 802.11g: Up to 54Mbps*
   [6/9/12/18/24/36/48/54] (with Automatic Fall-Back)
- Coverage Area: [Outdoor <80M ;   Indoor <25M]
- RF max. output power: 12dBm @ 802.11g mode, 15dBm @ 802.11b
   mode
- Receiver Sensivity(802.11g mode): -72 dBm (typically)**
- Receiver Sensivity(802.11b mode): -83 dBm (typically)***
- Access Mode: Ad-Hoc and Infrastructure mode
- Power: DC/5V Change 3.3V

Drivers for:

- Windows® 98, ME, 2000, XP

Physical and Environmental

- Dimensions/ Weight: 77mm*26mm*12mm / 40g
- Temperature Operating:[0°C to 40°C], Storage:[-10°C to 65°C],
   Humidity: 5-95% (without condensing)
- Continuous Current Consumption: 240mA (Rx), 380mA (Tx)

SYSTEM REQUIREMENTS:

- Intel® Pentium®III 600Mhz or compatible processor with 64MB RAM
- USB V2.0 or USB V1.1
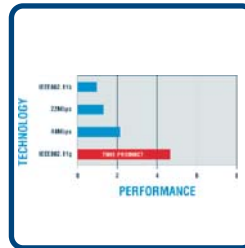- CDRom drive and 15 MB on HD

Package contents:

- Wireless USB Adapter
- CD-ROM with drivers and manuals
- USB cable
- Quick Start Guide
- Manuals (English, Italian, French)

*When plug the device in the USB 1.1/1.0 port, the real throughput will be up to
   6Mbps only when running 11Mbps or higher speed
** typically @ PER < 10% PER(Packet Error Size)
*** typically @ PER < 18% PER(Packet Error Size)

Up to 54Mbps.

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WPA SECURITY

Wi-Fi Protect Access protocol provide an high security standard to the Wireless LAN.

PRODUCT: Wireless USB Adapter
Model Number: A02-UP-W54
EAN CODE: 8026974009186