54M *Wireless LAN*

USB WAVE 54 - **Code 8E4213**

- **Wireless LAN** Adapter
- **USB 2.0** interface
- 802.11g and 802.11b compliant
- **Wi-Fi** interoperability

Enhanced Data Rate

DESCRIPTION

USB Wave 54 is a compact and small sized **54Mbps USB adapter,** based on the **IEEE 802.11g Wireless technology** at 2.4 GHz commonly used for industrial, medical and scientific applications.

It is installed and configured as a traditional ethernet card.
The access to the LAN is performed through an Access Point with Gateway functions.
When used with no Access Point, it is possible to establish a **Point-to-Point connection** directly to another PC equipped with a wireless card 802.11g or 802.11b.

Depending on the distance and on the received signal, USB Wave 54 automatically changes the operating speed from 54 to 1 Mbps, always keeping the best possible connection at that moment.
If necessary it is possible to manually select up to 13 different channels to adapt to the various conditions or working environments.

As for the **data security** USB Wave 54 integrates the **latest encryption and authentication protocols** like **WEP** (Wired Equivalent Privacy) **at 64/128 or 256 bit, WPA-TKIP and AES**.

USB Wave is perfectly compatible and interoperable with Access Point or Wireless cards based on the 802.11g/b technology and Wi-Fi compliant.
It is supplied with drivers for the following operating systems: Windows® XP, 200, ME, 98SE, Linux e Mac OS X and Windows® Vista compliant.

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TECHNICAL FEATURES

- Wireless LAN USB adapter
- 2.0 and 1.1 USB interface
- IEEE 802.11g and 802.11b standards
- Operating speed: from 54 to 1 Mbps
- Automatic and manual speed selection
- Peer-to-Peer (from PC to PC) or with Access Point
- 802.11 standard roaming
- Software Access Point mode
- 64, 128, 256 bit WEP encryption, WPA, TKIP, AES
- 802.1x protocol supported
- Radio frequency 2.400 - 2.4835, 13 channels
- DSSS Direct Sequence Spread Spectrum
- DBPSK, DQPSK, CCK modulations
- Wi-Fi interoperable
- Built-in diversity antenna
- Dimensions: 58 x 24 x 10 mm
- Driver for Windows® XP, 2000, ME, 98SE, Linux and Mac OS X
- Windows® Vista compliant with Zero Configuration utility
- CE Mark

USB Wave 54

Laptop

INTERNET

Access Point

Router

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