

# Palladio Wave

## DESCRIPTION

### *The real Wireless Network solution for Laptops.*

Palladio Wave is an Ethernet card based on IEEE 802.11b wireless technology at 2.4 Ghz (free band for radio transmission generally used for industrial, medical and scientific applications).

Installation and setup are the same of a traditional Ethernet card.

Lan access is carried out through a proper Access Point (i.e. Tintoretto Wave) with Gateway functions. If no access point is available, it is possible to carry out a point-to-point connection directly to another PC equipped with a 802.11b wireless card.

Palladio Wave automatically adjusts the operating speed between 11, 5.5, 2 and 1Mbps depending on the distance and on the power of the received signal. It always guarantees the best connection possible at that time. If necessary it is possible to select 12 different transmission channels to adapt to conditions or to working environments.

As for the data security Palladio Wave complies with WEP protocol (Wired Equivalent Privacy) with cryptographic keys at 64 or 128 bit for the maximum privacy and protection of information transferred via Wireless.

Palladio Wave is perfectly compliant and interoperable with any Access Point or Wireless card based on 802.11b technology and WI-FI specifications. It is supplied with drivers for Windows® 2000/ME/98/95/NT4 and Linux.

Code: 8E4084

- Type II PCMCIA card
- IEEE 802.11b WLAN standard
- Wireless communication speed: 11, 5.5, 2, 1 Mbps
- Automatic or manual speed selection
- Closed space area coverage (depending on building structure): 11 Mbps up to 25m, 1, 2 or 5.5 Mbps up to 100m
- Peer to Peer operation (from PC to PC) or with Access Point
- Roaming standard 802.11
- Radio Frequencies 2.4 - 2.4835 Ghz, 12 channels
- DSSS, BPSK, QPSK, CCK modulations
- Minimum transmission power: -15dBm
- Minimum reception sensitivity: -70dBm
- Built-in antenna
- Compliant with all WI-FI devices
- CE mark

*Discover the convenience of a Wireless solution!*

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