

# OvisLink

## WPC32

### 802.11b Wireless CardBus PC Card



**The WPC32** 802.11b Wireless 32bit CardBus PC Card is a device that lets you connect your notebook to a wireless local area network (LAN). A wireless LAN is like a regular LAN, except that you can share information without looking for a place to plug in, and augment networks without installing or moving wires. Based on radio frequency (RF) technology, a wireless LAN transmits and receives data over the air, along with the guarantee to provide privacy and noninterference by the use of separate radio frequency.

**The WPC32** 802.11b Wireless 32bit CardBus PC Card allows you to take full advantage of your PC's mobility with access to real-time information and online services anytime and anywhere. Plus, with the network installation simplicity and flexibility, you can eliminate the need to pull cable through walls and ceilings and allow the network to go where wires cannot go. Exploring WWW and augmenting networks can never be done more easily.

### FEATURES

- \* Complies with IEEE 802.11b standard for 2.4GHz Wireless LAN.
- \* Complies with CardBus standard.
- \* Supports PC Card hot swap and true Plug & Play.
- \* Works with all existing network infrastructure.
- \* Complies with specific wireless products and services
- \* Capable of up to 128-Bit WEP Encryption.
- \* Freedom to roam while staying connected.
- \* 11 Mbps High-Speed Transfer Rate.
- \* Rich diagnostic LED indicators with Integrated Antenna.
- \* Complies with Window 98/2000/ME/XP
- \* Lower power consumption.
- \* Easy to install and configure.

### SPECIFICATIONS

<b>Standards</b>	IEEE 802.11b,Wi-Fi compliant
<b>Host Interface</b>	32-bit CardBus
<b>Antenna</b>	Built-in Diversity Antenna
<b>LED Indicators</b>	* LINK * ACT
<b>Frequency Range</b>	2.412GHz-2.4835GHz
<b>Number of Selectable Channels</b>	USA, Canada: 11 channels Europe: 13 channels Japan: 14 channels
<b>Modulation</b>	Technique Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
<b>Security</b>	0/64/128 bit WEP
<b>Spreading</b>	11 chip Barker sequence
<b>Bit Error rate</b>	Better than 10 <sup>-5</sup>
<b>Media Access Protocol</b>	CSMA/CA (Collision Avoidance) with ACK
<b>Power Requirement</b>	Operating Voltage: 3.3V * TX consumption : 450mA (Max) * RX consumption: 300mA (Max)
<b>Physical Specifications</b>	* Weight: 40 g * Dimension: 119(L) x 53.94 (W) x 6.88(H) mm
<b>Environment Specifications</b>	* Operating Temperature: 0~65℃J ambient temperature * Storage Temperature: -20~75℃J ambient temperature * Operating humidity: 95% maximum (non-condensing) * Storage humidity: 95% maximum (non-condensing)
<b>Supported OS</b>	Windows 98/ME/2000/XP
<b>EMC Certification</b>	FCC Part 15 in US EN300328 and EN30826 (EN301489-17) in Europe Japan-Telec in Japan