



## LCS-8031N

### IEEE 802.11n Draft 2.0

### Wireless PCI Adapter



The LCS-8031N IEEE 802.11n Draft 2.0 Wireless PCI adapter provides users to launch IEEE 802.11n Draft 2.0 wireless network at 300 Mbps in the 2.4GHz band, which is also compatible with IEEE 802.11b/g wireless devices at 11/54 Mbps. You can configure this adapter with ad-hoc mode to connect to other 2.4GHz wireless computers, or with Infrastructure mode to connect to a wireless AP or router for accessing to Internet. This adapter includes a convenient Utility for scanning available networks and saving preferred networks that users usually connected with. Security encryption can also be configured by this utility.

#### Features:

- ◆ Compatible with IEEE 802.11n Draft 2.0, 802.11b/g wireless standards.
- ◆ 2.4GHz Frequency band, MIMO 2T3R, Standard antenna 2dB.
- ◆ Complies with PCI 2.3
- ◆ High Speed transfer data rate up to 300 Mbps
- ◆ Supports QoS: WMM
- ◆ Supports wireless data encryption with 64/128-bit WEP, WPA, WPA2
- ◆ Supports Multiple BSSID
- ◆ Range Coverage : Indoor 35~100 meters; Outdoor 100~300 meters
- ◆ Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe
- ◆ Support driver for Windows 2000, XP and Vista.
- ◆ Supports auto-installation and diagnostic utilities.

#### Specifications:

<b>Standard:</b>	IEEE 802.11n Draft 2.0, IEEE 802.11b, IEEE 802.11g
<b>Chipset:</b>	Ralink
<b>Bus Type:</b>	PCI 2.3
<b>Frequency Band:</b>	2.400 – 2.4835GHz (Industrial Scientific Medical Band)
<b>Security:</b>	64/128-bit WEP, WPA, WPA2
<b>Antenna:</b>	Detachable Smart Antenna with two RX and one TX
<b>LEDs:</b>	Link, Activity
<b>Transmit Power:</b>	11Mbps 19dbm, 54Mbps 16dbm, 11n 20MHz and 11n 40MHz 16dbm
<b>Receive Sensitivity:</b>	11Mbps-91dBm, 54 Mbps-78dbm, 300mbps -69dbm
<b>Dimensions:</b>	22mm x 134mm x 124mm
<b>Workaround :</b>	Temperature 0°C ~ 55°C Humidity 95% (non-condensing)
<b>Certification:</b>	FCC, CE Class B
<b>Box contains:</b>	One PCI Card, three Antennas, CD with Driver/Utility/Manual, Quick Guide
<b>EAN:</b>	4016621005047