WPIR-141 WLAN 802.11g PCI Adapter

Turbo mode Up to 75Mbps

☞ **Up to Turbo mode 75Mbps**

SparkLAN WPIR-141 WLAN 02.11g PCI Adapter support Turbo mode with up to 75Mbps data rat while you connect to Realtek-based WAPR-141 AP and WRTR-141 Router.

The WPIR-141 PCI Adapter connects you with 802.11g networks at! And for added versatility, WPIR-141 is also capable of inter-operating with all the 802.11b wireless products found in homes, businesses, and public wireless hotspots around the country.

SparkLAN WPIR-141 PCI Adapter installs in most desktops so that you can relocate your computers to places you want at home or anywhere in the office without the cost and hassle of running network cables.

FEATURES & BENEFITS

◈ Support Turbo mode up to 75Mbps

◈ Operates in the 2.4GHz

◈ Wireless link speeds up to 54Mpbs; 5 times faster than 802.11b devices.

◈ Up to 128-bit WEP, WPA with TKIP, 802,1x, AES

◈ Support Windows XP/2000/ME/98SE

SPECIFICATIONS

HARDWARE	
Chipset	Realtek RTL8225
Interface	PCI Rev2.2 Compliant
LED Indicators	Link
Antenna	Reverse SMA connector with 2dBi detachable antenna

RADIO CHARACTERISTICS	
Standards	IEEE 802.11g, 802.11b
Frequency Bands	2.4GHz
Modulation Tech	802.11b: CCK,DQPSK, DBPSK 802.11g: OFDM
Media Access Protocol	CSMA/CA with ACK
Transmit Power	802.11g : 16 dBm 802.11b : 18 dBm
Receive Sensitivity	11 Mbps 10-5 BER @ -86 dBm, TYP 54 Mbps 10-5 BER @ -68 dBm, TYP
Data Rates	802.11b: 11Mbps, 5.5Mbps, 2Mbps, 1Mbps, auto fallback 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps
Operating Range	Open space : 100-300m ; Indoor: 30-100m * The performance various depend on environment.

ENVIRONMENTAL SPECIFICATIONS	
Dimension	152x 122 x 22 mm (LxWxH)
Weight	50g
Temperature	0°C to 40°C(Operating),-40°C to 85°C(Storing)
Humidity	10~90% Non-condensing
Power Consumption	3.3V±5%

SOFTWARE FEATURES	
Operating Systems	Windows XP/ME/2000/98SE
Security	64/128-Bit WEP, WPA, TKIP, 802.11X, AES
Management	Web-based management

CERTIFICATION
FCC , CE

PACKAGE CONTENTS	
■ One Wireless LAN PCI Adapter	■ One Setup CD-ROM with User Guide.
■ One Quick Installation Guide	

WAPR-141 AP

WRTR-141 AP Router