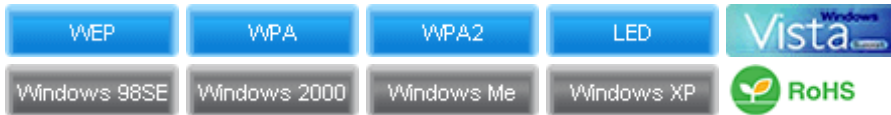


# GW-DS54GR

2.4 GHz IEEE 802.11g 54Mbps Wireless LAN PCIBus Adapter



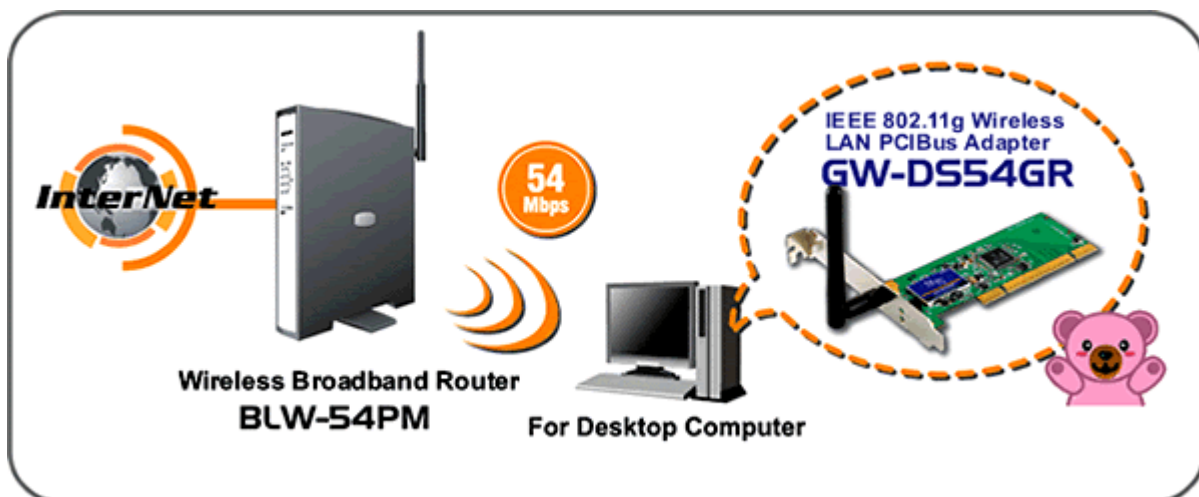
## Features

The GW-DS54GR is an IEEE802.11g compliant wireless PCI Card. It provides superior performance and interoperability within a mixed mode network (802.11b and 802.11g). The GW-DS54GR is backwards compliant with all 802.11b wireless equipment, making it a seamless integrator for the most popular wireless networks. Plus, this all-new wireless PCI Card provides a high transfer rate up to 54Mbps for today's high-speed broadband connections. The GW-DS54GR 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.

- Complies with IEEE 802.11b and 802.11g standard for 2.4GHz Wireless LAN
- Compliant with PCI 2.2 Standard
- Works with all existing network infrastructure
- Complies with specific wireless products and services
- Capable of up to WEP 64/128 bit WPA-PSK, WPA2-PSK, WPA (TKIP/AES), WPA2 (TKIP/AES)
- Freedom to roam while staying connected
- Up to 54 Mbps data transfer rate in 802.11g mode of operation
- Support s Windows98/ ME/ 2000/ XP
- Lower power consumption
- Easy to install and configure



## Connection Sample



## Specification

<b>Model Number</b>	<b>GW-DS54GR</b>
<b>Chipset</b>	RTL8185L
<b>Standard</b>	IEEE 802.11b, IEEE 802.11g Standard
<b>Interface</b>	PCI Interface 2.2
<b>Antenna</b>	Dipole Antenna(RP-SMA 2dBi)
<b>Frequency Range</b>	2.412GHz-2.4835GHz
<b>Number of Channels</b>	USA , Canada : 11 channels Europe : 13 channels Japan : 14 channels
<b>Data Rate</b>	802.11b(11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps) 802.11g(54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps)
<b>Modulation Technique</b>	802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK) 802.11g: Orthogonal frequency division multiplexing
<b>Operating Voltage</b>	3.3V
<b>Output Power</b>	54Mbps OFDM: 12dBm~14dBm; 11Mbps CCK: 16dBm~18dBm
<b>Environment Specifications</b>	Operating Temperature: 0~60 °C ambient temperature Storage Temperature: -20~70 °C ambient temperature Operating humidity: 90% maximum (non-condensing) Storage humidity: 90% maximum (non-condensing)
<b>Range</b>	Indoors: up to 100meters; Outdoors: up to 400meters
<b>Media Access Protocol</b>	CSMA/CA (Collision Avoidance) with ACK
<b>Security</b>	Win 98SE/ME: WEP 64/128 bit, WPA-PSK and WPA2-PSK Win 2000/XP: WEP 64/128 bit WPA-PSK, WPA2-PSK, WPA(TKIP/AES),WPA2(TKIP/AES) encryption
<b>OS</b>	Windows 98 Windows ME Windows 2000 Windows XP
<b>Dimension</b>	135 (L) x 22 (W) x 122(H) mm
<b>Weight</b>	47g (Antenna not included)
<b>EMI</b>	CE, DGT

**PLANEX COMMUNICATIONS INC**  
[www.planex.net](http://www.planex.net)