

GW-US54Pro

2.4 GHz IEEE802.11g 54Mbps Wireless LAN USB dongle with 5dBi Antenna

The High Gain Wireless-G 5dBi Omni Antenna USB 2.0 Adapter combines the coverage extender benefits of a 5dBi high gain antenna, the versatility of a Wireless-G USB2.0 Wireless Adapter and the addition of a USB light into one complete solution.

If one was to use a High Gain Router or in Wireless Hot S pot user's can receive the signals but cannot send back due to the poor coverage area of standard wireless products where the wireless signals does not have enough strength to send back to High Gain stations. With GW-US54Pro one will overcome the problem of sending signals back to High Gain Wireless Router or Hot S pot due to the integration of High Gain 5dbi Omni Antenna and Wireless-G U S B2.0 Adapter.

The "U S B2.0 Wireless-G "Coverage Extender" will amplify your wireless signals to a greater distance, into reflective corners and hard-to-reach areas. In Wireless "Hot S pots" environments, you will benefit from the increased coverage to access "Hot S pot Gateway " without extra Access Point or Client Bridge , Power Adapter as GW-US54Pro is self powered through the U S B port and requires no external power adapters so you can stay connected wherever you go .



Features



■ Wi-Fi certified

The GW-US54Pro is Wi-Fi certified in the IEEE802.11g data transfer mode. The Wi-Fi certification serves as a guarantee of interoperability between wireless devices from different vendors.

■ High gain 5dBi for wireless range extender

The extegrated diversity antenna maintains high quality data transfer during wireless communication.

■ Supports multiple communication modes

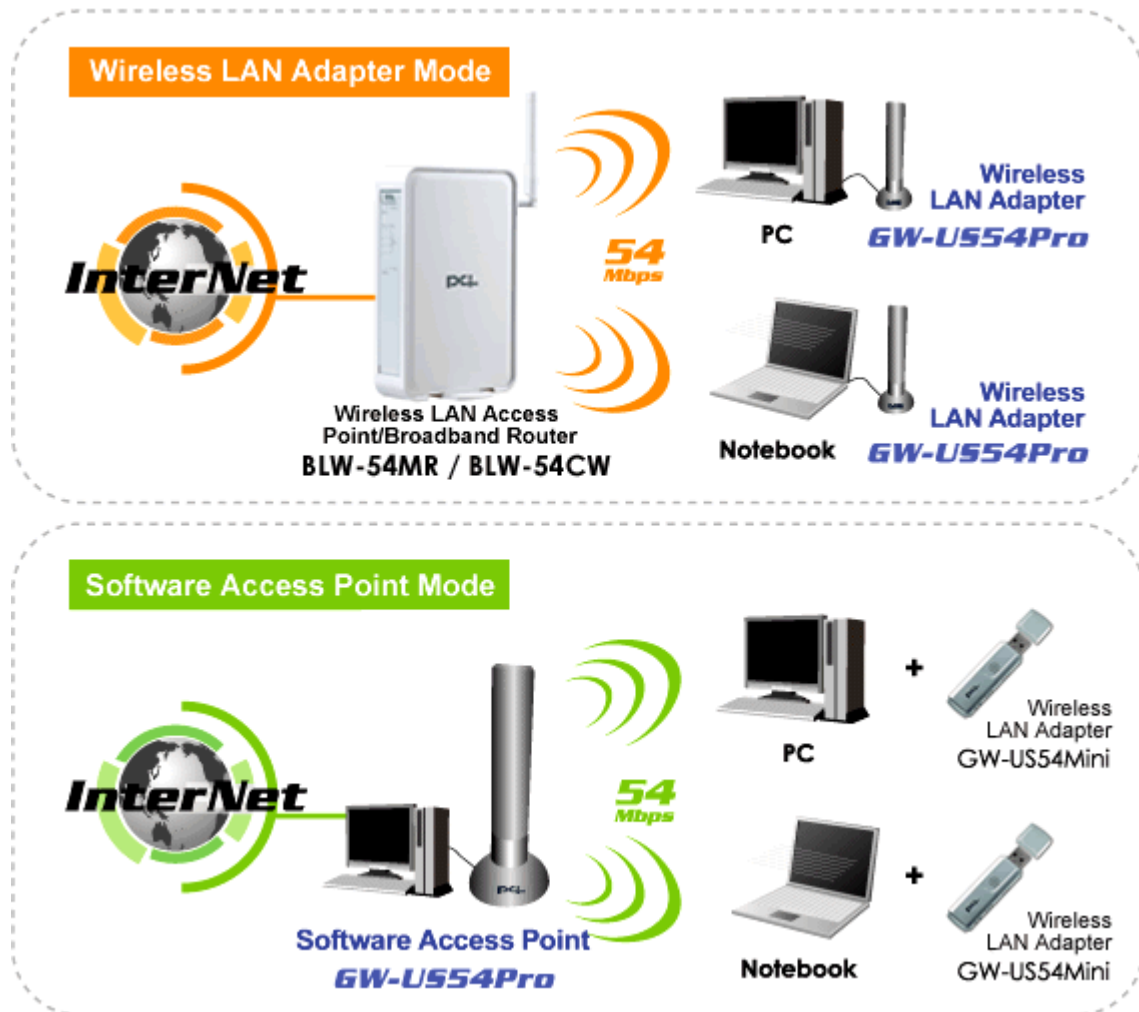
In addition to Ad Hoc mode (802.11 Ad Hoc) for direct wireless communication between wireless devices, the product supports Infrastructure mode in which wireless communication is performed via access points (AP).

■ Simple software AP function

Support software of bridge on Win 98SE, WinME, Win2000, WinXP

■ Support X-Link for PSP on-line games

Connection Sample



Specification

Model Number	GW-US54Pro
Standard	IEEE802.11 / 802.11b / 802.11g, ARIB STD-T66 compliant
Host Interface	USB 2.0 Standard, USB 1.1 Compliant
Frequency Range	2.412GHz ~ 2.4835GHz
Number of Selectable Channels	USA , Canada : 11 channels Europe : 13 channels Japan : 14 channels
Modulation Technique	IEEE802.11b : DBPSK (1Mbps), DQPSK (2Mbps), CCK (5.5/11Mbps) IEEE802.11g : BPSK (6/9Mbps), QPSK (12/18Mbps), 16-QAM (24/36Mbps), 64QAM (48/54Mbps)
Data Rate	IEEE802.11b : 1 / 2 / 5.5 / 11Mbps (auto sensing) IEEE802.11g : 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54Mbps (auto sensing)
Security	WEP 64/128/256bit, TKIP, WPA, WPA-PSK, WPA2, WPA2-PSK, 802.1x , 802.11i,compliant AES encryption
Software AP	RTS/CTS support Fragment and Reassembly Power Saving support WEP (64/128/256bit) MAC address filter Support software bridge on Win 98SE , WinME, Win2000, WinXP
Output power	16dBm (OFDM) / 18dBm (CCK)
Media Access Protocol	CSMA / CA

Operation Temperature	0 °C ~ 55 °C
Storage Temperature	5% to 90% Non-Condensing
Support OS	Windows XP, Windows2000, Windows ME, 98SE, Linux (Kernel 2.4.x, Kernel 2.6.x), Mac 10.3, Mac10.4 (Support Mac PowerPC only)
EMI	CE, FCC, DGT
Dimension	Ø 32 mm x Ø 73mm x 188(mm)
Weight	265g

PLANEX COMMUNICATIONS INC
www.planex.net