

GW-US54GXS

2.4GHz IEEE802.11g 54Mbps Wireless LAN USB Adapter

GW-US54GXS links network users to LAN services without the hassle of cabling or wiring, which significantly brings mobile workers the freedom of staying connected to the network while roaming around a building or multiple buildings maintaining access to the Internet, e-mail, networked applications, and print services.




This device is the perfect solution for your wireless network applications based on the IEEE 802.11g standard that offers a data rate up to 54Mbps in a wireless LAN environment. It is a high-speed wireless network card that plugs into your system and accesses to the LAN or peer-to-peer networking easily without wires or cables. No matter where it allows you to share printers, files, and other network resources.



Features



■ **GW-US54GXS have Wireless Client · Software AP · Xlink functions, it's a best wireless product for your choice.**

Mode	Windows	MAC	Function
 Wireless Client	Vista/XP/2000 Me/98SE	10.3.9/10.4.6	Use PC/NB to connect to internet
 Software AP	XP/2000 Me/98SE	-	NDS can connect to internet by Wi-Fi Wii can connect to internet NDS and PSP can connect to internet → "iPod touch" can connect to internet
 Xlink	XP/2000	-	Play on line with PSP → Xlink instruction

■ **Wi-Fi certified**

The GW-US54GXS 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.

■ **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).

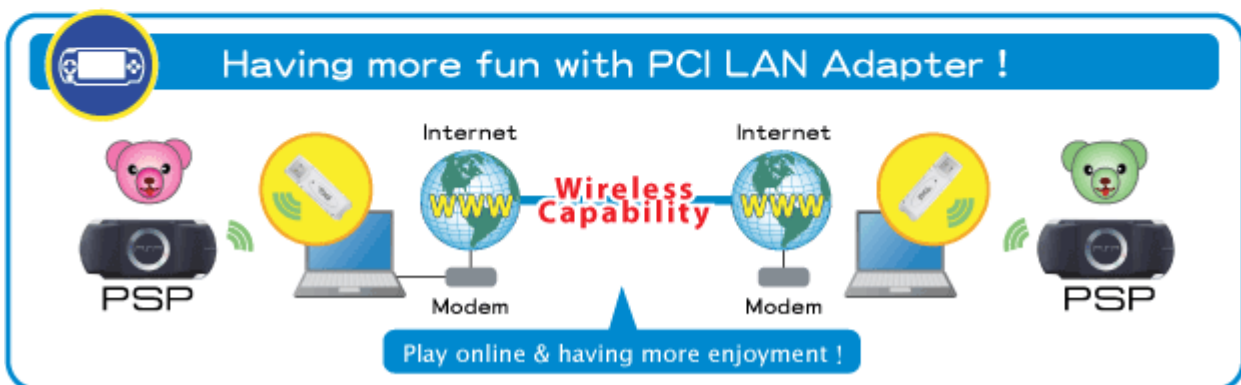
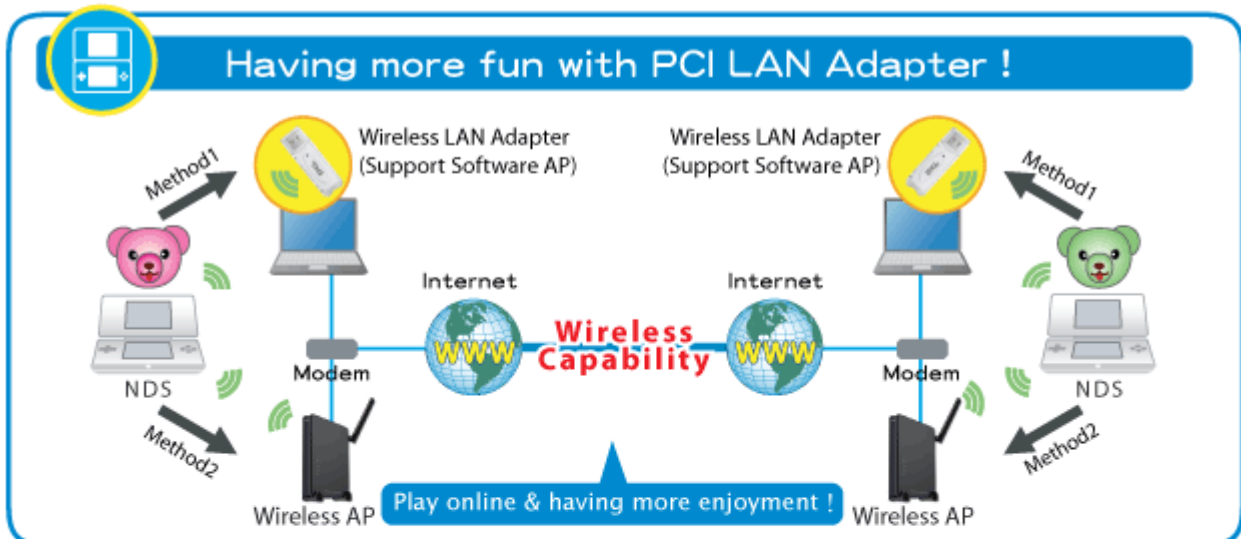
■ **Simple software AP function**

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

■ **USB Plug & Play**

■ **Low power consumption**

Connection Sample



※Sony PSP™ is registered trademark of Sony Corporation

Specification

Model Number	GW-US54GXS
Standard	IEEE802.11 / 802.11b / 802.11g, ARIB STD-T66 compliant
Host Interface	USB 2.0 Standard, USB 1.1 Compliant
FrequencyRange	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
EMI	CE, FCC,DGT
Dimension	8.6 (H) x 22.5 (W) x 69.8 (L) mm
Weight	10g

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