

# GW-US54GD

2.4GHz IEEE 802.11g 54Mbps Wireless LAN USB Adapter with Wi-Fi Detector

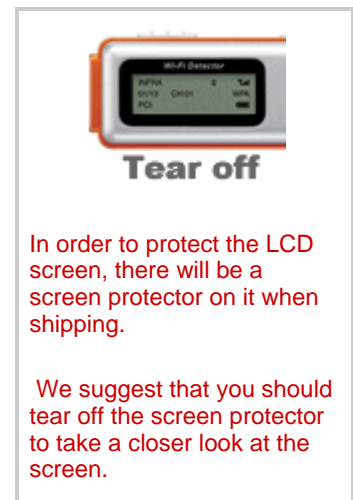


## Features

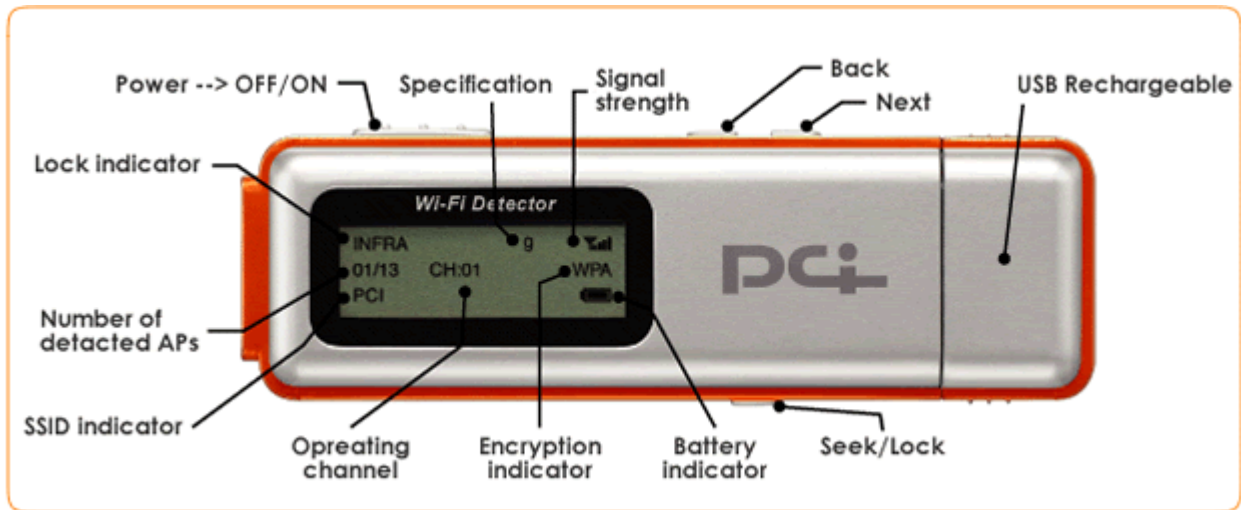
When you push the scan button on the GW-US54GD, it will immediately display detailed information about any 802.11b/g wireless network such as SSID, signal strength, what kind of security (if any is enabled), the current operating channel and also what kind of network is available (infrastructure or ad-hoc). The LCM w/ backlight also displays the number of access points you can connect to and battery indicator so you know when it needs to be charged. When the battery power indicator is low, you can easily recharge the built in Li-Polymer battery by plugging it into any USB port on your computer.

GW-US54GD 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.

- **Simple software AP function**  
Support software of bridge on Win 98SE, WinME, Win2000, WinXP
- **Support WMM (802.11e Wi-Fi Multimedia)**
- **Portable and mini-size design**
- **Supports USB 2.0/1.1 interface**
- **Low power consumption**
- **Support X-Link for PSP on-line games**
- **Support Multiple languages (English , Chinese)**



## Product View

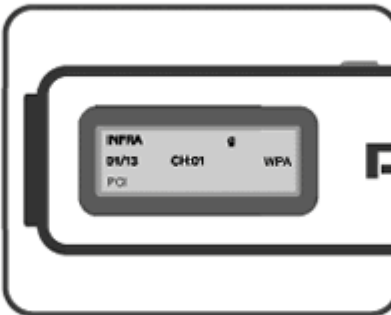


### 1. Searching



Button push without power on

### 2. Locate nearby Access Points



Knowing strength of signal and encryption at a glance

### 3. Access internet



Easily configure wireless internet access

## Specification

<b>Model Number</b>	<b>GW-US54GD</b>
<b>Standard</b>	IEEE802.11 / 802.11b / 802.11g, ARIB STD-T66 compliant
<b>Host Interface</b>	USB 2.0 Standard, USB 1.1 Compliant
<b>Frequency Range</b>	2.412GHz ~ 2.4835GHz
<b>Number of Selectable Channels</b>	USA , Canada : 11 channels Europe : 13 channels Japan : 14 Channels
<b>Sensitivity</b>	54Mbps: -65dBm @ 10% PER 48Mbps:-66dBm @ 10% PER 36Mbps:-70dBm @ 10% PER 24Mbps:-74dBm @ 10% PER 18Mbps:-77dBm @ 10% PER 12Mbps:-79dBm @ 10% PER 9Mbps:-81dBm @ 10% PER 6Mbps:-82dBm @ 10% PER 11Mbps:-76dBm @ 10% PER 5.5Mbps:-79dBm @ 10% PER 2Mbps:-88dBm @ 10% PER
<b>Modulation Technique</b>	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)
<b>Data Rate</b>	IEEE802.11b : 1 / 2 / 5.5 / 11Mbps (auto sensing) IEEE802.11g : 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54Mbps (auto sensing)

<b>Security</b>	WEP 64/128/256bit, TKIP, WPA, WPA-PSK, WPA2, WPA2-PSK, 802.1x,802.11i,compliant AES encryption
<b>Software AP</b>	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
<b>Output power</b>	14.5±0.5dBm (OFDM) / 18.5±0.5dBm(CCK)
<b>Media Access Protocol</b>	CSMA / CA
<b>Operation Temperature</b>	0 °C ~ 55 °C
<b>Storage Temperature</b>	5 °C ~ 55°C
<b>Operation Range</b>	250M
<b>Battery</b>	Rechargeable Li-Polymer Battery
<b>Power</b>	from USB cable
<b>Working time</b>	8HR (Max)
<b>Charging time</b>	1HR (Max) from battery empty to full
<b>Charge times</b>	250times from battery full
<b>Support OS</b>	Windows XP, Windows2000, Windows ME, 98SE, Linux (Kernel 2.4.x, Kernel 2.6.x), Mac 10.3, Mac 10.4
<b>EMI</b>	CE, FCC,DGT, TELEC, VCCI
<b>Dimension</b>	14(H) x 28.5(W) x 91(D)
<b>Weight</b>	30g

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