Wireless-G PC Card

GWP512 Quick Start Guide

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit and/or any of the devices it connects to.

GWP512 package contains: 1 802.11g Wireless-G PC Card 1 Installation & Manual CD 1 Quick Start Guide 1 Warranty/Registration Card

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PKG-M0109/QS

1. Welcome

Thank you for choosing IOGEAR[®] to serve your wireless needs. In no time you will be sharing files or surfing the Internet wirelessly. We hope you will have as much fun using your IOGEAR[®] Wireless-G PC Card, as we had designing it.

Rest assured, your IOGEAR[®] Wireless-G PC Card is built rock-solid to ensure maximum up-time for you to stay up-and-running. If for any reason you have a problem, we stand behind our products with an industry-leading 3 year factory warranty, so you can have peace-of-mind with your current and future IOGEAR[®] purchases.

We want you to be happy with your purchase, so we have made every effort to ensure product quality, reliability, and ease-of-use.

Note:

Your order has been carefully packaged and inspected, and we hope you are pleased with the IOGEAR[®] product you purchased. Please inspect the contents of the package to ensure that you have received all items and that nothing has been damaged. If you discover a problem, please contact your dealer immediately for assistance.

Contact Information:

949-453-8782 23 Hubble Irvine, CA 92618 USA www.iogear.com support@iogear.com

2. System Requirements & Features

System Requirements:

- · Pentium class notebook computers with at least one available Cardbus slot
- Microsoft[®] Windows[®] 98SE, ME, 2000, XP
- CD-ROM drive

Features:

- 54 Mbps wireless connection speed up to five times faster than previous 802.11b technology
- · Sleek, compact antenna is designed for maximum agility
- Includes Funk software Odyssey client to support strong WLAN security protocols, such as EAP-TTLS, EAP-PEAP, EAP-TLS, and LEAP.
- Ultra-easy installation in just a few simple steps

3. Hardware Diagram

When the adapter card is not associated with any wireless network devices, the Power/Tx LED will stay solid green; Rx LED will be off. When both LEDs are blinking green, the adapter card is scanning/connecting to an wireless network. When the adapter card is associated, Power/Tx LED indicates transmitting activity; Rx LED indicates receiving activity.



4. Installation

Driver Installation

If you have connected the notebook adapter to your computer, please remove it first.



Insert the Driver and Utility CD into CD Drive.



A series of introduction screens will show up. It runs on Macromedia Flash. (If your computer doesn't have the Flash player installed, please visit **www.macromedia.com** to download the plug-in.)

Step. 3

Next, a Read Me screen will be brought up. Please read it through carefully, then click Next.



Step. 4

Click the button of "I accept the terms in the license agreement". Click Next.

Please read the following license agreement carefully.	
IOGEAR USER AGRE	EMENT
Non-Warranted Software	
Non-Warranted Software Important : Red cadally below using the others. 10082 others to you only fyou firs accept the tame of this agreement. By you agree to be bound by the tame and coefficient stand . Hyou do to mentil cover must be others.	AR inc (hereinsther TOOEAR), will license the using, hutching, or otherwise using the robwes at agree to the terms and conditions, do not
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A Main Installation Menu will show.

Main Install	ation Menu
	IDGEAR GWP512 Driver Installation
	GWP512 Configuration Utility , Odyssey for Marvell
	Adobe Acrobat Reader
	User Manual 🥥
0	Quick Start Guide 🥥
\$÷)	

Step. 6

Click the button of **IOGEAR GWP512 Driver Installation**. When it is completed, an information window will pop up. Please click **OK**, then it will return to main menu.



You can install the Utility Software by following instructions in section 6

Installing the Network Adapter Driver

Note: The following procedures are operated in Windows 2000. The steps and screen shots are similar for the other supported OS (such as Win 98SE, ME and XP).



Now, please insert your card into your laptop.

When Windows 2000 recognizes the adapter, the Found New Hardware Wizard dialog box appears. Click Next.

	Welcome to the Found New Hardware Wizard
	This wizard helps you install a device driver for a hardware device.
r. and	
	To continue, click Next.

Step. 2

Select the Search for a suitable driver for my device and click Next.



Step.3

Select the Specify a location checkbox. Click Next.



Step. 4

Click Browse button, browse to the IOGEAR GWP512\Driver\Win2k directory and click OK.

ound Ne	w Hardware Wizard	×
	Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK Cancel
	Coov manufacturer's files from:	

Note: Windows 98SE users, please specify to IOGEAR GWP512\Driver\Win98 directory, Windows ME users, please specify to IOGEAR GWP512\Driver\WinME directory, Windows XP users, please specify to IOGEAR GWP512\Driver\WinXP directory.



The wizard will display the location of driver. Click on the Next button.



Step.6

The **Microsoft Digital Signature Not Found** dialog box could appear at this point in the installation. A Microsoft digital signature is not required for the driver installation. Click **Yes** to continue. In Windows XP, please click **Continue Anyway**.



Note: Windows98SE users, you will be asked to provide the Windows98 source files CD, please insert the CD and follow on-screen description to continue the driver installation.



After a while, the wizard will report that the hardware installation is complete. Click Finish.





After all the necessary drivers are installed, you can find that a PCMCIA adapter icon Son the system tray and the Power LED on the adapter showing steady green.

Note: Windows 98SE & ME users, you will be asked to restart your computer. Please click Yes to reboot your computer.

5. Verify the Driver Installation

Note: The following procedures are operated in Windows 2000. The steps and screens are similar for the other supported O.S. If you want to check whether the driver's installation is successful, please follow the following steps.

Step. 1

Right-click mouse button on the **My Computer** icon on your Windows desktop, and highlight **Properties** from the pop-up menu.



Step. 2

The System Properties screen will be pop-up. Under Hardware tab, click Device Manager....

- Hardwar	e Wizard	
	The Hardware wizard helps you install, uninstall, repair, unplug, eject, and configure your hardware.	
	Hardware Wizard	
- Hardwar	Manager The Derivee Manager list all the hardware devices initialed on your computer. Use the Device Manager to change the supporter of any device. Driver Signing Device Manager e Publics Hardware profiles provide a veter for you to set up and store celleren hardware configurations. Hardware Publics	
	CK Cancel App	

Step. 3

After clicking **Device Manager**..., the following screen will be shown. Click on the + symbol in front of **Network** adapters and see if an item labeled **IOGEAR GWP512 Network Adapter** is visible. If you don't see the item below the network adapter icon but a"?" or "!" symbol is displayed, it means that the driver installation was unsuccessful. Highlight **IOGEAR GWP512 Network Adapter**, right-click mouse button and select **Properties**.

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] Broon Tew] + → m H			
□ → ATE-TEST1			
🕀 🔜 Computer			
Disk drives			
Display adapters			
Hoppy disk controllers			
E Boppy disk drives			
🐑 🖾 Human Interface Devices			
IDE ATA/ATAPI controlers			
⊕ @\$ Keyboards			
B- Mice and other pointing device	5		
🗈 🎯 Moderns			
Berney Monitors			
Network adapters			
Bluetooth LAN Access Serv	ver Driver		
Divetooth LAN Access Serv	er Driver - Odyssey Network Service	a Miniport	
CGEAR GWP512 Networ	Fisable		
- My SINC E2 Card 10/100 (SM	Lisiostal		
SMC EZ Card 10/100 (SM	G # BOB	Miniport	
E- PCP/LIA adapters	Scan for hardware changes		
G S Forei (COH&D-1)	Descention		
Broce Sound, video and game conc	Propercies		
Surtan deuses			
the system devices			

Step.4

Click the **General** tab, if the Device Status field reports that **This device is working properly**, it means that the driver has been installed successfully.

		1
IDDEAH GWHOT	2 Network Adapter	
Device type:	Network adapters	
Manufacturer	Marvell	
Location	CardBus Slot 4 (PCI bus 2, device 0, function	nt
Device status		
This device is working p	roperly.	
If you are having probler	ns with this device, click. Troubleshopter to	
start the troubleshooter.		
	-1	
	<u> </u>	
Device usage:		
Device usage: Use this device (enable)		

6. Installations of Configuration Utility and Odyssey for Marvell Utility

This Network Adapter Configuration Utility and Odyssey for Marvell Utility are contained in the utility CD we provide. The Odyssey for Marvell Utility will be installed after the completion of Configuration Utility. The installation procedure is the same for all support O.S except the screenshots. The following procedure is operated in Windows 2000.



From the Main Installation Menu, select the button of GWP512 Configuration Utility -- Odyssey from Marvell.

\subset	PB Degin IDGEAR GWP512 Installati	on	- 12		
	Main Installatio	on Menu			
		ICGEAF 3WP512 Stiver Instalation			
		8WP512 Configuration Units_Outrans_in Marcel	0		
		Adebo Acrebat Roado	0		
		Uter Manual	0		
		Djulet: Stort Guide			
	50004 EDECHY, Ion. RV ellen barken sents belär gilte liter rospes/ser variers	İnge	AR	J	
Download from	Www.Somanuals.c	om. All Manuals	Searc	h And Do	ownload.



The InstallShield Wizard is preparing to install the configuration utility. Click Next.



Step. 3

In the **Destination Folder** screen you are asked to confirm the **Destination Folder** for the application software. If you would like, you may change the destination folder to another location as the directory. Click **Next**.

Choose Destination Location	Section 1
Select folder where Setup will install I	files.
Setup will install IOGEAR GWP512 0	Configuration Utility in the following folder.
To install to this folder, click Next. To another folder	s install to a different folder, blick Biowse and select
Destination Folder	
Destination Folder E \Program Files\\0GEAB\GWP51	12\Browse

Step. 4

Select a program folder and click Next.





The InstallShield Wizard is installing utility.



Step. 6 🔻

Click Finish to compete the Utility installation.

	InstallShield Wizard Complete
	Setup has tinished installing IUGEAR GWP512 Configuration Utility on your computer.
and the second	

Step. 7 🔻

The InstallShield Wizard continues to install the Odyssey Client for Marvell helps the user to configure WPA function. The Odyssey Client Installation Wizard window appears. Click **Next**. If the user doesn't want to install the Odyssey for Marvell Utility, he can click **Cancel** to terminate the installation.

FUNK	Welcome to the InstallShield Wizard for Odyssey Client for Marvell	
WARE	The InstallShielc(R) Wizard will install Odyssey Clien: For Marvell on your computer. To continue, click Next.	
	WARNING This program is protected by copyright law and international tractiles.	
www.funk.com		



Click the button of I accept the terms in the license agreement. Click Next.



Step. 9

Enter User Name and Organization in the Customer Information window. Click Next.

Customer Information		FUNA
Please enter your information.		SCARE .
User Name:		
Michael		
Qrganization:		
RD		

Step.10

Click the button of Complete. Click Next.





Click Install to install the program.



Step. 12 🔻

The InstallShield Wizard starts copy files to PC.



Step. 13 🔻

When installation is complete, the Wizard Completed window appears. Click Finish.

RUNK	InstallShield Wizard Completed				
SÖF WARE	The InstallShield Waard has successfully installed Odyssey Client for Marvell. Click Finish to exit the wzard.				
	🔽 Launch Odyssey Client for Marvell Manager				
	🔲 View Readme				
www.funk.com					
	< Back Finish Cancel				



The Configuration Wizard window appears. Click Next. Then Click Finish to complete the configuration Wizard.



Step. 15 🦷

The Odyssey Client for Marvell icon resides on the system tray automatically. If the network adapter is plugged into a slot and connects with a wireless network, the Configuration Utility launches automatically and has an icon shows green in the system tray. If it doesn't launch, and you cannot get wireless connection, please see below to launch the Configuration Utility.



7. Configuration Utility (Please refer to User Manual for further details)

7.1 Using the configuration utility IOGEAR provides in Windows 98/ME/2000/XP



The user can open the Configuration Utility from Windows Start -> Programs -> IOGEAR GWP512 -> IOGEAR GWP512 Configuration Utility.

After you launch the utility, the utility icon will reside on the Windows system tray and provides at-a-glance feedback about the device's status by changing appearance. Right-click mouse button on the icon and select **Restore** from the shortcut menu. The configuration main window will be shown on screen.





The user can now use any of the management functions available in the Configuration Utility.

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Select Picfile		Signal Strongth	,
Wreless-G	×		6
Lirk Homelion		kitemet Protocol (1	CP/IP)
Stetue:	Connected	CHCP Option:	Fueble
Natwork SSID	Wireless G	IP Address:	192 158 1.3
Network Type:	infractructure	Subnet Mask:	255 255 255 0
Network ESSID	00 0C 76 6F 8F 1B	Ecfault Gatoway	192,168,1254
Security:	Scourty Off		
Link Speed:	54 Mbps		
	Charnel 7	(2.442.5Hm)	
Curren	t Tx Rate: 0 bps	Current	Rx Fate: 0 bps
31.9 Hzpe		3/.8 Hzpe	
15.9 Kbps		18.9 10 10	
		A 100	

7.2 Using the zero configuration utility Windows XP provides (Please refer to User's Manual for more details on the configuration utility)

Once you have the network adapter properly installed, you will see the network connection icon shown below.



Right-click mouse button on the network connection icon resides on the system tray, and click View available Wireless Networks.

Open Network Connections	
View Available Wireless Network	s
	👽 🚽 🍕 🐼 3:36 F

Step. 2

The following **Connect to Wireless Network** dialog box will be displayed. You can click **Connect** to start the wireless connection or click **Advanced** button to do further configurations.

The following network(s) are av	vailable. To access a n	etwork, select
Available networks:	chinest.	
Minson		
I WING		
This network requires the use of	of a network key (WEP). To access
this network, type the key, and	then click Connect.	
Network key:		
If you are having difficulty conn	necting to a network, cl	ick Advanced.

8. Radio and TV Interference

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation

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