User's Manual

Wireless 802.11b/g PCI Adapter

Q802PWG

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Revision History

Revision	Updated	Notes
1.00	03/08/2006	Initial Release

Introduction

Thank you for purchasing the Wireless Adapter. This Wireless Adapter is easy to use and easy to setup. If you are tired of all those messy wires needed to connect a lap-top to your Home network, and then take your networking to the next level with the Wireless Adapter. You will be able to share files, printers and even your High-Speed Internet access wirelessly.

Package Contents

Make sure the following items came in this package:

- Wireless Adapter
- Wireless Adapter Installation and User's Manual CD

Minimum System Requirements

- Microsoft Windows XP, or Windows 2000 installed
- Microsoft Windows CE ver:4.2 and ver: 5.0

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Connecting the Wireless Adapter

- 1. Power down the computer.
- 2. Locate the PCI slot on the motherboard, and carefully insert the PCI Wireless Adapter.
- 3. Power on the computer.



Status LEDs

LED Status	MEANING (WLAN card activity)
LED speed blink	Data Transferred / Data Received
LED blink	Scanning for the Access Point
LED off	All other status

Installing the Wireless Adapter

• Windows XP SP2:

NOTE: If you have installed the Wireless Adapter driver before, please uninstall the old version first.

1. After you have installed the Wireless Adapter on your computer will display a Found New Hardware Wizard screen, click Cancel to continue.

Found New Hardware Wizard						
	Welcome to the Found New Hardware Wizard					
	Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy polic.					
 Welcome to the Found New Lardware Wizard Windows will search for current and updated software by low windows Update Web site (with your permission). Fread our privacy policy Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and gvery time I connect a device No, not this time 						
	Read our privacy policy Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and <u>e</u> very time I connect a device No. not this time					
	Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and gvery time I connect a device No, not this time					
	O No, not this <u>time</u>					
	Click Next to continue.					
	< Back Next > Cancel					

2. Insert the *Wireless Adapter Installation and User's Manual* CD into your CD-ROM, then the installation will be activated automatically. Click the *Driver Install* icon to begin the installation.

🤏 802.11 b/g PCI Wireless Adapter 🛛 🔲 🔀
802.11 b/g PCI Wireless Adapter
Driver Install
User's Manual
Exit

3. InstallShield Wizard will install the driver and utility on your system, click *Next* to continue.

802.11 b/g PCI Wireless A	802.11 b/g PCI Wireless Adapter - InstallShield Wizard								
	Welcome to the InstallShield Wizard for 802.11 b/g PCI Wireless Adapter The InstallShield® Wizard will install 802.11 b/g PCI Wireless Adapter on your computer. To continue, click Next.								
	< <u>B</u> ack <u>Next</u> > Cancel								

4. Wireless Adapter Driver and Utility are installing.

802.11 b/g PCI Wireless Adapter - InstallShiel
Installing driver
Cancel

5. The installation is now complete, please click Finish.

802.11 b/g PCI Wireless Adapter - InstallShield Wizard							
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed 802.11 b/g PCI Wireless Adapter. Click Finish to exit the wizard.						
	< Back Finish Cancel						

6. After you have finished the Wireless Adapter driver and utility installation, your computer will display the **Winbond Wireless Utility** screen, click **Cancel** to continue.

Winbond Wireless Utility									
Site Survey Status Information									
	SSID	BSSID	Cha	nnel&Freque	Netw	Authe	Encry	Signal	^
	👗 AP600	00-20-A6-4F-27-6C	1	<->2412MHZ	Infrast	WPA	TKIP	100%	
	👗 ASUS_WL520g	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	Unkn	None	98%	
	👗 AP200_1	00-0D-F0-00-19-19	1	<->2412MHZ	Infrast	Unkn	WEP	80%	
	👗 Q1	00-0D-F0-00-19-7B	1	<->2412MHZ	Infrast	Unkn	None	72%	
	👗 LOOOOOOK	00-20-E0-D0-F4-83	6	<->2437MHZ	Infrast	Unkn	WEP	96%	
	👗 AP600~~	00-20-A6-51-1F-B4	6	<->2437MHZ	Infrast	Unkn	None	100%	
	👗 AirStation	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	Unkn	None	72%	
	👗 WIFLY	00-11-F9-FD-20-EE	10	<->2457MHZ	Infrast	Unkn	None	36%	
	👗 Q4	00-60-B3-16-1D-58	13	<->2472MHZ	Infrast	Unkn	None	44%	
	*	00.05.05.51.00.00	<u> </u>		1	11	KI	0%	<u> </u>
Refresh Config									
Adapter 802.11 b/g PCI Wireless Adapter - Packet Scheduler Miniport OK Cancel									



Configuring the Winbond Wireless Utility

If you have installed the Windows XP Service Pack 2. You can use
 NOTE: the Windows Zero Configuration for Wireless Configuring. Please see the Windows XP User's Guide

1. On the Notification Area, right-click the Winbond Utility icon.



2. Winbond Utility Selection screen will be displayed, click Stop Windows Zero Configuration.

Stop Windows Zero Configuration	1.0. 1.0.1.8.0
Restore	
Exit	🧐 🦁 12:45 PM

3. Double-click the utility icon in your system tray to begin the utility configuration. Select **Site Survey Tab**, all available Access Points would be listed. Click on the desired Access Point, and click the Config button for Wireless configuring.

Winbond Wireless Utility									
F	Profiles Site Survey	Advanced Status	Info	rmation					
	SSID	BSSID	Cha	annel&Freque	Netw	Authe	Encry	Signal 🗸	~
	🛔 linksys	00-06-25-88-8E-61	1	<->2412MHZ	Infrast	Unkn	None	74%	
	👗 ASUSWL520G	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	WPA	AES	75%	
	👗 6F	00-0D-F0-11-60-03	8	<->2447MHZ	Infrast	WPA	TKIP	79%	
	👗 bob-802.11b	00-60-83-16-1D-58	7	<->2442MHZ	Infrast	Unkn	None	70%	
	👗 default	00-0F-3D-F7-37-8E	6	<->2437MHZ	Infrast	Unkn	None	47%	
	🗼 AP600_MKG2	00-20-A6-4F-27-6C	7	<->2442MHZ	Infrast	Unkn	None	73%	
	👗 AirStation_11b	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	WPA	TKIP	74% 📒	
	🗼 will-802.11g	00-0D-F0-00-19-7B	13	<->2472MHZ	Infrast	Unkn	None	70%	
	👗 AP600	00-20-A6-51-1F-B4	11	<->2462MHZ	Infrast	Unkn	None	78%	
		00.00.00.00.10.00			1	11	KI	E0%	
	<u> </u>								
Refresh Config									
Adapter 802.11 b/g PCI Wireless Adapter - Packet Scheduler Miniport OK Cancel									

4. On the **Wireless Network Properties** screen, you may set Network Name (SSID), Wireless Network Security Key or AD-HOC network.

Wireless Network Properties	<
Security	
Network Name (SSID): Jinksys	
Wireless Network Key	
This newwork requires a key for the following:	
Network Authentication: OpenSystem	
Data Encryption: None	
Network Key:	
Confirm Network Key:	
Key Index (advanced):	
This is an AD-HOC network; Pls. select desired channel	
OK	ann a'

5. Click on the desired profile, and click the Connect button to take effect.

Winbond Wireless Utility				<
Profiles Site Survey Advanced	Status Information			
SSID	Network Type	Authentication	Encryption	
👗 linksys	Infrastructure BSS	OpenSystem	None	
Add Delete	Properties May	e Ho	n Connect	
Adapter 802.11 b/g PCI Wireless	Adapter - Packet Sched	luler Minipor	OK Cance	

Configuration

• Profile

The **Profile Tab** allows you to set values for all parameters by selecting a previously defined profile. To create a profile, click Add, type a profile name and set the corresponding parameters. If one of the profiles is no longer used, you may remove it by clicking the Delete button. After changing parameters, click the Connect button to take effect. You can have multiple profiles and modify the profile at any time.

W	Winbond Wireless Utility			
ſ	Profiles Site Survey Advanced	Status Information		
	SSID	Network Type	Authentication	Encryption
	💡 linksys	Infrastructure BSS	OpenSystem	None
	Add Delete Properties Maye Up Maye Dawn Connect			
A	dapter 802.11 b/g PCI Wireles:	s Adapter - Packet Sched	uler Miniport	OK Cancel

• Site Survey

Site Survey Tab lists the features of the available Access Points within range of the Wireless Adapter's signal. Click on the desired Access Point, and click Config for Wireless Configuration. You may click Refresh to refresh the list.

W	inbond Wireless	Utility						<
ſ	Profiles Site Survey	Advanced Status	Info	rmation				
	SSID	BSSID	Cha	annel&Freque	Netw	Authentication	Encry	S
	💡 linksys	00-06-25-B8-BE-61	1	<->2412MHZ	Infrast	Unknown	None	7
	ASUSWL520G	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	WPA2-PSK	AES	7
	1 6F	00-0D-F0-11-60-03	8	<->2447MHZ	Infrast	WPA-PSK	TKIP	7
	👗 bob-802.11b	00-60-B3-16-1D-58	7	<->2442MHZ	Infrast	Unknown	None	6
	🛔 AP600_MKG2	00-20-A6-4F-27-6C	7	<->2442MHZ	Infrast	Unknown	None	7
	🛔 AirStation_11b	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	WPA-PSK	TKIP	7
	🗼 AP600	00-20-A6-51-1F-B4	11	<->2462MHZ	Infrast	Unknown	None	8
	👗 will-802.11g	00-0D-F0-00-19-7B	13	<->2472MHZ	Infrast	Unknown	None	7
	👗 3Com	00-0D-54-A3-CF-60	7	<->2442MHZ	Infrast	Unknown	None	6
	Hetresh Loning							
A	Adapter 802.11 b/g PCI Wireless Adapter - Packet Scheduler Miniport OK Cancel							

Advance

The Configuration Utility also offers the advanced configuration for user to set the Wireless Adapter under certain network environment. These advanced options include RTS Threshold, Fragmentation Threshold, Preamble Type, Tx Rate and Power Save.

• Status

Network Name

The field shows the association status to available Access Point with SSID of the Access Point.

Link Status

Shows the whether the link is Connect or Disconnected.

- Current Channel

Shows the channel on which the connection is made.

- Current Speed

Shows the highest transmit rate of the current association.

- Link Quality / Signal Strength

The Link Quality and Signal Strength bar graph is only active when the node is in Infrastructure Mode. The bar graph displays the quality and strength of the link between the node and its Access Point.

- Signal Noise

This displays the noise level of the link between the node and its Access Point.

Wi	nbond Wireless	Utility			
F	Profiles Site Survey	Advanced Status Informati	on		
	Network Name	linksys	Frames	Тх	Rx
	Link Status	Connected	Successful	80	56
	Current Channel	1	Unsuccessful	0	0
	Current Speed	2.0M			Reset
	Link Quality	90%			
	Signal Strength	-60dBm	🖲 Radio On		
	Signal Noise	-95dBm	C Radio Off		Apply
Ad	lapter 802.11 b/g	PCI Wireless Adapter - Packet S	cheduler Miniport 💌	OK	Cancel

• Information

About Tab shows the product version including the detail of Configuration Utility, Driver, and NIC MAC Address.

Wi	Winbond Wireless Utility				
F	Profiles Site Survey	Advanced Status I	nformation		
	Application Version	1.0.87.2000	Service Version	1.0.41.2000	
	Driver Version	1.0.35.0			
	Hardware Version	350200			
	MAC Address	00:10:1D:35:01:20			
	IP Address 192.168.54.100				
	Submask	255.255.255.0			
	Gateway	192.168.54.1			
	DHCP server	192.168.54.1			
	I				
Ac	lapter 802.11 b/g P(C Wireless Adapter - F	Packet Scheduler Miniport	ОК	Cancel

Uninstalling the Wireless Adapter Driver and Utility

1. For uninstalling the Wireless Adapter, please go to: Start → Settings → Control Panel → Add or Remove Programs → Winbond WLAN under Windows environment. Then click Remove.

🐻 Add or Rei	move Programs			
	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	*
C <u>h</u> ange or Remove Programs	602.11 b/g PCI Wireless Adapter		Size	<u>0.98MB</u>
	To change this program or remove it from you	ur computer, click Change/Remove.	Change	(Remove
Add <u>N</u> ew Programs	뭙 Agere Systems AC'97 Modem v2157D 뒍 Athlon 64 Processor Driver		Size	0.11MB
F	ATI - Software Uninstall Utility		Size	0.11MB
Add/Remove Windows	🛺 ATI Control Panel		Size	15.68MB
Components	Realtek AC'97 Audio		Size	1.33MB
Cab Dua sura				
Access and Defaults				

2. On the next screen, click Yes button to accept automatically uninstall for Wireless LAN Driver and Utility.

802.11 b/g PCI Wireless Adapter - InstallShield Wizard 📰 🔲 🔀
Preparing Setup Please wait while the InstallShield Wizard prepares the setup.
802.11 b/g PCI Wireless Adapter Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
802.11 b/g PCI Wireless Adapter - InstallShield Wizard
Do you want to completely remove the selected application and all of its components?
Yes No

3. InstallShield Wizard will uninstall the driver and utility automatically.

802.11 b/g PCI Wireless Adapter - InstallShiel
Now Uninstalling driver
Cancel

4. The un-installation is now complete, please click Finish.

802.11 b/g PCI Wireless Adapter - InstallShield Wizard			
	Maintenance Complete InstallShield Wizard has finished performing maintenance operations on 802.11 b/g PCI Wireless Adapter.		
	< <u>B</u> ack Finish Cancel		

5. The *Wireless Adapter* can now be safely removed from the system when the un-installation is done.

♦ Windows 2000:

1. After you have installed the Wireless Adapter on your computer will display a **Found New Hardware Wizard** screen, click Cancel to continue.

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

2. Insert *Wireless Adapter Installation and User's Manual* CD into your CD-ROM; then the installation will be activated automatically. Click the *Driver Install* icon to begin the installation.

🤏 802.11 b/g PCI Wireless Adapter 🛛 🔲 🔀
802.11 b/g PCI Wireless Adapter
Driver Install
User's Manual
Exit

3. InstallShield Wizard will install the driver and utility on your system, click Next to continue.

802.11 b/g PCI Wireless A	dapter - InstallShield Wizard 🛛 🔀	
	Welcome to the InstallShield Wizard for 802.11 b/g PCI Wireless Adapter The InstallShield® Wizard will install 802.11 b/g PCI Wireless Adapter on your computer. To continue, click Next.	
< Back Next > Cancel		

4. Wireless Adapter Driver and Utility are installing.

802.11 b/g PCI Wireless Adapter - InstallShiel
Installing driver
Cancel

5. The installation is now complete, please click Finish.

802.11 b/g PCI Wireless A	dapter - InstallShield Wizard
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed 802.11 b/g PCI Wireless Adapter. Click Finish to exit the wizard.
	< Back Finish Cancel

6. After you have finished the Wireless Adapter driver and utility installation, your computer will display the **Winbond Wireless Utility** screen, click **Cancel** to continue.

/inbond Wireless U Site Survey Status	Jtility Information							
SSID	BSSID	Cha	annel&Freque	Netw	Authe	Encry	Signal	^
1 AP600	00-20-A6-4F-27-6C	1	<->2412MHZ	Infrast	WPA	TKIP	100%	
ASUS_WL520g	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	Unkn	None	98%	
👗 AP200_1	00-0D-F0-00-19-19	1	<->2412MHZ	Infrast	Unkn	WEP	80%	
1 Q1	00-0D-F0-00-19-7B	1	<->2412MHZ	Infrast	Unkn	None	72%	
L000000K	00-20-E0-D0-F4-83	6	<->2437MHZ	Infrast	Unkn	WEP	96%	
🗼 AP600~~	00-20-A6-51-1F-B4	6	<->2437MHZ	Infrast	Unkn	None	100%	
🛔 AirStation	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	Unkn	None	72%	
🗼 WIFLY	00-11-F9-FD-20-EE	10	<->2457MHZ	Infrast	Unkn	None	36%	
🗼 Q4	00-60-B3-16-1D-58	13	<->2472MHZ	Infrast	Unkn	None	44%	
· · · ·	00.05.05.51.00.00	e.		1	111	KI	0%	~
Refresh	Config							
dapter 802.11 b/g F	PC Wireless Adapter -	Pac	ket Scheduler M	inipor 💌	0	к	Cano	el:



Configuring the Winbond Wireless Utility

1. Double-click the utility icon **I** in your system tray to begin the utility configuration.



2. Select **Site Survey Tab**, all available Access Points would be listed. Click on the desired Access Point, and click Config button for Wireless configuring.

W	inbond Wireless l	Jtility						
	Profiles Site Survey	Advanced Status	Info	rmation				
	SSID	BSSID	Cha	annel&Freque	Netw	Authe	Encry	Signal 📥
	🛔 linksys	00-06-25-88-8E-61	1	<->2412MHZ	Infrast	Unkn	None	74%
	ASUSWL520G	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	WPA	AES	75%
	1 6F	00-0D-F0-11-60-03	8	<->2447MHZ	Infrast	WPA	TKIP	79%
	👗 bob-802.11b	00-60-B3-16-1D-58	7	<->2442MHZ	Infrast	Unkn	None	70%
	👗 default	00-0F-3D-F7-37-8E	6	<->2437MHZ	Infrast	Unkn	None	47%
	AP600_MKG2	00-20-A6-4F-27-6C	7	<->2442MHZ	Infrast	Unkn	None	73%
	👗 AirStation_11b	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	WPA	TKIP	74% 📃
	👗 will-802.11g	00-0D-F0-00-19-7B	13	<->2472MHZ	Infrast	Unkn	None	70%
	👗 AP600	00-20-A6-51-1F-B4	11	<->2462MHZ	Infrast	Unkn	None	78% 😓
		00.00.00.00.10.00			1	11	KI	
	Refresh	Config						
A	dapter 802.11 b/g F	PCI Wireless Adapter	Pac	ket Scheduler M	iniporl 🔻	0		Cancel

3. On the **Wireless Network Properties** screen, you may set Network Name (SSID), Wireless Network Security Key or AD-HOC network.

Wireless Network Propertie	5	×
Security		
Network Name (SSID):	linksys	
Wireless Network Key		
This newwork requires a ke	y for the following:	
Network Authentication:	OpenSystem 💌	
Data Encryption:	None	
Network Key:		
Confirm Network Key:		
Key Index (advanced):		
This is an AD-HOC netwo Pls. select desired channe	rk; Channel Frequency (MHZ) el 1 - 2412MHZ 💌	
	OK Cancel	

4. Click on the desired profile, and click the Connect button to take effect.

Wi	nbond Wireless Utility			
ſ	Profiles Site Survey Advanced	Status Information		
	SSID	Network Type	Authentication	Encryption
	👗 linksys	Infrastructure BSS	OpenSystem	None
	Add Delete	Properties Move	e Up Move Dow	n Connect
Ac	lapter 802.11 b/g PCI Wireless	: Adapter - Packet Sched	uler Miniport	OK Cancel

Configuration

• Profile

The **Profile Tab** allows you to set values for all parameters by selecting a previously defined profile. To create a profile, click Add, type a profile name and set the corresponding parameters. If one of the profiles is no longer used, you may remove it by clicking the Delete button. After changing parameters, click the Connect button to take effect. You can have multiple profiles and modify the profile at any time.

W	inbond Wireless Utility			
ſ	Profiles Site Survey Advanced	Status Information		
	SSID	Network Type	Authentication	Encryption
	💡 linksys	Infrastructure BSS	OpenSystem	None
	Add Delete	Properties Move	Up Move Dow	n Connect
A	dapter 802.11 b/g PCI Wireless	Adapter - Packet Sched	uler Miniporl 💌	OK Cancel

• Site Survey

Site Survey Tab lists the features of the available Access Points within range of the Wireless Adapter's signal. Click on the desired Access Point, and click Config for Wireless Configuration. You may click Refresh to refresh the list.

W	inbond Wireless l	Jtility						5
ſ	Profiles Site Survey	Advanced Status	Info	rmation				1
	SSID	BSSID	Cha	nnel&Freque	Netw	Authentication	Encry	S
	💡 linksys	00-06-25-B8-BE-61	1	<->2412MHZ	Infrast	Unknown	None	7
	👗 ASUSWL520G	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	WPA2-PSK	AES	7
	👗 6F	00-0D-F0-11-60-03	8	<->2447MHZ	Infrast	WPA-PSK	TKIP	7
	👗 bob-802.11b	00-60-83-16-1D-58	7	<->2442MHZ	Infrast	Unknown	None	6
	AP600_MKG2	00-20-A6-4F-27-6C	7	<->2442MHZ	Infrast	Unknown	None	7
	👗 AirStation_11b	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	WPA-PSK	TKIP	7
	👗 AP600	00-20-A6-51-1F-B4	11	<->2462MHZ	Infrast	Unknown	None	8
	👗 will-802.11g	00-0D-F0-00-19-7B	13	<->2472MHZ	Infrast	Unknown	None	7
	👗 3Com	00-0D-54-A3-CF-60	7	<->2442MHZ	Infrast	Unknown	None	6
	<			III				>
	Refresh	Config						
A	Adapter 802.11 b/g PCI Wireless Adapter - Packet Scheduler Miniport Cancel							

Advance

The Configuration Utility also offers the advanced configuration for user to set the Wireless Adapter under certain network environment. These advanced options include RTS Threshold, Fragmentation Threshold, Preamble Type, Tx Rate and Power Save.

• Status

Network Name

The field shows the association status to available Access Point with SSID of the Access Point.

Link Status

Shows the whether the link is Connect or Disconnected.

Current Channel

Shows the channel on which the connection is made.

Current Speed

Shows the highest transmit rate of the current association.

Link Quality / Signal Strength

The Link Quality and Signal Strength bar graph is only active when the node is in Infrastructure Mode. The bar graph displays the quality and strength of the link between the node and its Access Point.

Signal Noise

This displays the noise level of the link between the node and its Access Point.

Wi	inbond Wireless	Utility				
ſ	Profiles Site Survey	Advanced Status	Informatio	n		[
	Network Name	linksys		Frames	Т×	Bx
	Link Status	Connected		Successful	80	56
	Current Channel	1		Unsuccessful	0	0
	Current Speed	2.0M				Reset
	Link Quality		90%	C Defe Or		
	Signal Strength		-60dBm	🤨 Hadio Un	4	Apply
	Signal Noise		-95dBm	C Radio Off		
_						1 [
Ac	dapter 802.11 b/g	PCI Wireless Adapter	- Packet So	heduler Miniport 💌	OK	Cancel

• Information

About Tab shows the product version including the detail of Configuration Utility, Driver, and NIC MAC Address.

Vinbond Wireless Ut	ility			-
Profiles Site Survey A	Advanced Status Info	ormation		
Application Version	1.0.87.2000	Service Version	1.0.41.2000	
Driver Version	1.0.35.0			
Hardware Version	350200			
MAC Address	00:10:1D:35:01:20			
IP Address	192.168.54.100			
Submask	255.255.255.0			
Gateway	192.168.54.1			
DHCP server	192.168.54.1			
.dapter 802.11 b/g PC) Wireless Adapter - Pac	ket Scheduler Minipor	OK	Cancel

Uninstalling the Wireless Adapter Driver and Utility

1. For uninstalling the Wireless Adapter, please go to: Start \rightarrow Settings \rightarrow Control Panel \rightarrow Add



2. On the next screen, click Yes button to accept automatically uninstall for Wireless LAN Driver and Utility.

802.11 b/g PCI Wireless Adapter - InstallShield Wizard
Preparing Setup Please wait while the InstallShield Wizard prepares the setup.
802.11 b/g PCI Wireless Adapter Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
802.11 b/g PCI Wireless Adapter - InstallShield Wizard
Do you want to completely remove the selected application and all of its components?
Yes No
InstallChield
Cancel

3. InstallShield Wizard will uninstall the driver and utility automatically.

802.11 b/g PCI Wireless Adapter - InstallShiel
Now Uninstalling driver
Cancel

4. The un-installation is now complete, please click Finish.

802.11 b/g PCI Wireless Adapter - InstallShield Wizard			
BOZ.11 b/g PCI Wireless A	dapter - InstallShield Wizard Maintenance Complete InstallShield Wizard has finished performing maintenance operations on 802.11 b/g PCI Wireless Adapter.		
	< <u>B</u> ack Finish Cancel		

5. The *Wireless Adapter* can now be safely removed from the system when the un-installation is done.

Trouble shooting

PING

This section discusses possible solutions using ping command to find your problem if you can't connect to the network.

- 1. Check if you have a valid IP address
- 2. Test if your TCP/IP works. Under MS-DOS (command prompt), type "ping local-host". If you didn't receive a reply, then you need to re-install your TCP/IP. Proceed to next step if you have received replies.
- 3. Using the same procedure, try to ping your Wireless Adapter's IP. If the Ping command fails, check the following:
 - Your WLAN is connected
 - Check that your driver is correctly installed.

Checking Valid IP Addresses

There are restrictions on which IP and addresses you can and cannot use. Some IP addresses are reserved for testing, multicasting and some IP are restricted by your ISP.

Following IP addresses cannot be used:

- > 127.x.x.x this is a loop back address, used for testing
- > 0.0.0.0 this IP address represent the host address
- > 255.255.255.255 this is local broadcast address
- First portion of IP cannot exceed 224, that is, IP addresses which is in the range of 224~239.x.x.x is not valid. This range of IP is for multicasting. IP range from 240~255.x.x.x are reserved IP addresses and cannot be used.
- O or 255 in host ID portion of your IP are not valid. This represent local host or broadcast address for your class of IP

IP has five classes, namely class A, B, C, D and E. For each class, the host ID portion in the IP field is different for each of the classes. Figure below illustrate this.

Class A:	1 ~ 127	Host ID
Class B:	128 ~ 191	X . Host ID
Class C:	192 ~ 223	X . X . Host ID
Class D:	224 ~ 239	Used for Multicasting (no Host ID)
Class E:	240 ~ 255	Reserved IP address

Host ID cannot be all 0's or all 255's.

Note: X denote don't cares in the above example.

Federal Communication Commission Interference Statement

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. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. "Qcom Technology Inc. declares that Q802PWG is limited in CH1~CH11 by specified firmware controlled in USA."

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instruction as documented in this manual. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.