

User's Manual



LCD 12" COLOR PROSCRIBE

CMPD12

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The monitor described in this manual, has been certified/registered by the safety agencies/regulatory authorities as model n° : CMPD12

FCC Notice

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of 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, while can be determined by turning the equipment Off and On, the user is encouraged to try to correct the interference by one or more of the following measures.

- Re orient 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.

Modification

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

Cables

Connections to this device must be made with shielded signals cables with metallic RFI/EMI connector hoods to maintain compliance with FCC Rules and Regulations.

The lighting flash with arrowhead symbol is intend to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure that may be sufficient magnitude to constitute a risk of electrical shock to people.

The exclamation mark is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in literature accompanying the appliance.



THE ENCLOSURE HAS TO BE CHECKED UPON COLLISION DAMAGE; REFER TO QUALIFIED SERVICE PERSONNEL

RF Exposure Statement

This EUT is compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 1.5 cm during normal operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

1.1.0 TECHNICAL INFORMATION

Processor	VIA Low Voltage VIA Eden or C3 TM -M running at 800MHz and 1GHz (BGA, 133MHz FSB, 64KB L2 cache, 0.13 micron process with 7watt-Thermal-Design-Power)
Chipset	VIA CN400 + VT8237R
Bios	Insyde version VA03, with the kernel-code-base V4.31
Operating System	Microsoft Windows XP Embedded with SP2
Networking	Built-in 802.11g mini-PC WLAN module with integral antenna
Remote Protocol	Microsoft RDP / Citrix ICA
Memory	256 MB SDRAM on board
Flash ROM	512 MB flash memory module
LCD Panel Characteristic	12.1 "TFT LCD panel (Mini required : XGA 1024 x 768 resolution for 12.1"), LVDS I/F
Audio System	AC97 internal microphone and speaker; stereo (supported via earphone jack)
Durability	Rugged anti-shock design with standing 3 feet drop / IP53 water and dust resistent construction
PAD I/O	 1 x VGA out 2 x USB 1 x Network connector (RJ45) 1 x Audio jack for external earphone 1 x Audio jack for external microphone 1 x DC-in jack 1 x DC-in jack 1 x PCMCIA 1 x SMART card 1 x SMART card 1 x Speaker 1 x Modular connector 1 x Internal microphone
Docking device I/O	 1 x DC-in jack 1 x PAD connector 3 x USB 1 x Network connector (RJ45)
LED indicator	•1 x WLAN LED •1 x Power LED
Button AND Controls	 4 x Customized hot key 1 x Input panel 1 x Four-way direction key with Enter 1 x Power switch 1 x Stylus release 2 x Battery latch
Power Supply	 Battery: Swappable smart Li-ion battery pack AC_IN 100 ~ 240V (1,5A) 50/60Hz - DC_Out 19V (3.42A)
Included Accessory	 Battery AC adapetr and power cord 1 x Stylus
Optional accessories	Hand stripKickstand

6.1.0 INPUT INSTRUCTION

6.1.1 RIGHT VIEW

- 1. Power botton
- 2. Network connector (RJ45)
- 3. RGB video connector
- 4. USB 2.0 port type A
- 5. USB 2.0 port type B
- 6. External ear set jack
- 7. External microphone jack
- 8. AC/DC adapter connector



6.1.2 LEFT VIEW

- 1. Smart card slot
- 2. Stylus pen latch release
- 3. Flash slot
- 4. Stylus pen
- 5. PCMCIA slot
- 6. Security cable slot



6.1.3 BOTTOM VIEW

1. Docking device slot



6.1.4 BACK VIEW

- 1. Speackers
- 2. Mounting screw holes (x4) M2,53. Battery latch 1 (lock)
- 4. Hand strip (optional)
- 5. Battery
- 6. Battery latch 2
- 7. Kickstand (optional)
- 8. Memory module cover
- 9. Processor fanless heatsink air vent



- 1. Battery LED
- 2. Programmable buttons
- 3. Track stick buttons
- 4. Track stick
- 5. Programmable buttons
- 6. OSD keyboard (default)
- 7. Microphone
- 8. WLAN status LED



7.1.0 GETTING STARTED

7.1.1 BASE STATION SETUP

Connect power cord to the AC power adaptor. Plug the cord into the base station first and then plug the other end into a power outlet.

7.1.2 LOAD BATTERY

Make sure the power switch at lower-left corner of your CMPD12 is in the OFF position. Install the battery.

• Place CMPD12 on your desk with its face down.

- Place the battery in the battery slot then press it down to fit in.
- Push battery latch 1 into the locked position.

•For first time use, the battery requires five hours to become fully charged.

7.1.3 STYLUS RECALIBRATION

When the pad is powered on for the first time, the recalibration protocol will automatically launch. Follow the instructions to walk through the process.

7.1.4 WLAN SETUP

- Tap START
- Tap Network and Dial-up Connections
- Tap 'Internal Wireless LAN' Settings icon
- A dialog box pops up. Choose the Wireless Networks tab. Tap the Refresh button in the Available Networks panel. In a few seconds, a list of available networks is displayed
- Select the network to which you wish to connect
- Tap CONFIGURE
- Tap OK

8.1.0 **Power supply**

There are two sources of power for CMPD12 operation: the battery and the AC adapter.

8.1.1 AC

You may operate your CMPD12 with AC power in two different ways. Mounted in the base station, or connected directly to the AC adapter. To run your CMPD12 on the base station, place the pad into and connect the AC adapter to the jack at the rear of the base station. To plug the product directly to the AC adapter, locate and plug into the DC adapter at the lower left corner of the product, under the orange rubber protector.

8.1.2 BATTERY

When using the CMPD12 for the first time, it is advisable to charge the battery for at least 5 hours.

After the initial charging, when not in use, the CMPD12 takes approximately two hours to fully charged; it takes 3 hours to fully charged while in use. A fully charged battery lasts up to 4 hours.

The power light on the top right indicates the level of battery charge.

- Turn on the power to see the power light.
- Full charge The power light is solid green.
- Low charge The power light is blinking green when the battery's remaining charged falls to less than 6 percent.
- Critical low charge The power light blinks amber when the charge falls under 3 percent.

If your CMPD12 is powered up and immediately enters the suspend mode, it means the battery is uncharged. To avoid loss of data in memory, fully charge the unit within 24 hours.

CAUTION: Recharge the CMPD12 any time a low charge warning appears. Failure to recharge the battery will result in loss of data contained in internal memory (RAM).

In order to optimize battery operation, open only the applications you are actually using. To conserve battery power, disable WLAN when it's not in use.

To change battery

• Suspend your CMPD12 by turning the power switch to the OFF position.

• Unlock ⊕ the battery latch 1

• While one hand holds the battery latch two in the unlocked position, use the other hand to pull the battery out of the slot.

•Replace with another battery

NOTE: When fully charged and not in use, your CMPD12 has a life of one week.

CAUTION:1. Suspend your CMPD12 before removing or changing the battery pack.2.To avoid loss of data in memory, insert a charged battery in 24 hours.

11.0.0 PRECAUTIONS

11.1.0 Installation

The equipment should be installed near an easily accessible outlet.

Do not install or leave the monitor:

In places subject to extreme temperatures, for example near a radiator, heating vent, or in direct sunlight. Subjecting the LCD monitor to extreme temperatures, could cause deformations of the casing or malfunctions.

In places subject to mechanical vibration or shock.

Near any equipment that generates a strong magnetic field, such as a TV or various other medical appliances.

In places subject to inordinate amounts of dust, dirt, or sand, for example near an open window or an outdoor exit. If setting up temporarily in an outdoor environment, be sure to take adequate precautions against airborne dust and dirt. Otherwise irreparable malfunctions could occur.

11.2.0 Handling

Do not press on or scratch the LCD screen. Do not place a heavy object on the LCD screen. This may cause the screen to lose uniformity or cause LCD panel malfunctions.

If the monitor is used in a cold place, a residual image may appear in the screen. This is not a malfunction.

The screen returns to normal as the temperature rises to a normal operating level.

If a still picture is displayed for a long time, a residual image may appear for a while. The residual image will eventually disappear.

The LCD panel becomes warm during operation. This is not a malfunction.

11.3.0 Maintenance

Be sure to unplug the power cord from the mains when cleaning your LCD monitor.

The front polarizer can be easily damaged. Take care not to scratch the front surface with any hard or abrasive material. Dust, finger marks, grease etc. can be removed with a soft damp cloth (a small amount of mild detergent can be used on the damp cloth). Do not apply water or detergent directly to the front surface as this may cause staining or damage the electronic components.Never use any solvent on the front polarizer or module as this may cause permanent damage.Wipe off water drop immediately. Long contact with water may cause discoloration spots.When the panel surface is soiled, wipe it with absorbent cotton or other soft cloth."

11.4.0 Transportation

Disconnect all cables from the monitor when transporting.

When you transport this LCD display, hold the base sections of the display stand firmly in both hands. If you drop the monitor, you may be injured or the monitor may be damaged.

When you transport this monitor for repair or shipment, use the original cardboard box and packing materials.

11.5.0 Replacement of the backlight

A specially designed fluorescent tube is installed as the lighting apparatus for this monitor. If the screen becomes dark, unstable, or does not come on, consult your Customer service for replacing the fluorescent tube

11.6.0 Disposal of the LCD monitor

Do not dispose of this monitor with general household waste. The fluorescent tube used in this LCD monitor contains mercury. Disposal of this monitor must be carried out in accordance with the regulations of your local sanitation authority.

For countries in the European Union



This symbol indicates that this product (including the cables, plugs and accessory) must not be disposed of with the other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the cling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, or your supplier's office.

WEEE Symbol ("crossed-out wheeled bin")

For countries outside the European Union

Disposal of electrical products in countries outside the European Union should be done in line with local regulations.

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Q802UWG USB Wireless Adapter User Manual

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TROUBLE SHOOTING

Revision History

Revision	Updated	Notes
1.00	08/15/2005	Initial Release

Introduction

Thank you for purchasing the <u>Wireless Adapter</u>. 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, 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 98 Second Edition (SE), Windows ME, Windows XP, or Windows 2000 installed

Connecting the Wireless Adapter

- 1. Your computer can be on or off; it will not affect the installation process. Locate an available USB slot on your PC. If you are not sure where this may be, please consult your computer's User Manual.
- 2. Insert the Wireless Adapter into the appropriate USB slot. Your hardware is now installed.

Status LEDs

LED	MEANING
POWER	Indicates that the Wireless Adapter is powered on when the LED lights up.
LINK	Indicates link status. If the light is blinking, it means there is data
	sending or receiving via wireless.

Installing the Wireless Adapter

Windows XP:

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

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



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.

🤒 802.11b/g USB Wireless LAN 📃 🗖 🔀
802.11b/g USB
Wireless LAN Adapter
Driver Install
User Manual
Exit

3. Winbond Wireless Setup will install the driver and utility on your system, click *Next* to continue.



4. On the *Select Destination Directory* screen, click *Next* to accept the Destination Directory for driver installation.

Winbond WLAN Instal	lation	×			
	Select Destination D	irectory			
	Please select the directory where Winbond WLAN files are to be installed. "Free Disk Space After Install" is based on your current selection of files to install. A negative number indicates that there is not enough disk space to install the application to the specified drive.				
	C:\Program Files\winbond	Browse			
	Current Free Disk Space: Free Disk Space After Install:	7126460 k 7123897 k			
	< Back	<u>C</u> ancel			

5. Press the *Next* button to begin the installation.

Winbond WLAN Install	Winbond WLAN Installation 🛛 🔀						
	Ready to Install! You are now ready to install Winbond WLAN. Press the Next button to begin the installation or the Back button to reenter the installation information.						
	< Back Next > Cancel						

6. Wireless Adapter Driver and Utility are installing.



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



Configuring the Winbond Wireless Utility

Note: If you have installed the Windows XP Service Pack 2. You can use the Windows Zero Configuration for Wireless Configuring.

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



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



3. 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.

W	Winbond Wireless Utility								
ļ	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%	
	· FACY UD	00.00.00.00.10.00		Z UMCONCT	1	l la la	NI	50%	<u> </u>
									_
	RefreshConfig								
A	dapter 802.11 b/g U	ISB Wireless Adapter -	Pac	ket Scheduler M	iniporl 💌	01		Cano	el

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

Wireless Network Proper	rties 🛛 🔀
Security	
Network Name (SSID):	linksys
Wireless Network Key	
This newwork requires a ke	ey 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	rrk; Channel Frequency (MHZ) el
	OK Cancel

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

Wi	nbond Wireless Utility			
F	rofiles Site Survey Advanced	Status Information		
	SSID	Network Type	Authentication	Encryption
	🛔 linksys	Infrastructure BSS	OpenSystem	None
	Add Delete	Properties Move	: Up Move Dow	n Connect
_				
Ad	apter 802.11 b/g USB Wireless	Adapter - Packet Sched	uler Miniporl 💌	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.

Winbond Wireless Utility	Winbond Wireless Utility							
Profiles Site Survey Advanced	Status Information		1					
SSID	Network Type	Authentication	Encryption					
💡 linksys	Infrastructure BSS	OpenSystem	None					
	6							
Add Delete	Properties Move	Up Move Dow						
Adapter 802.11 b/g USB Wireless	Adapter - Packet Sched	uler Minipor	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.

Winbond Wireless Utility									
	Profiles Site Survey	Advanced Status	Info	rmation					
	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	
	1 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	
	<							>	
	Refresh Config								
А	dapter 802.11 b/g U	ISB Wireless Adapter -	Pac	ket Scheduler M	iniporl 💌	ОК	Cano	;el	

• 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, Power Save, and Region.

Winbond Wireless Utility							
Profiles Site Survey Adv	anced Status Informat	ion	[
RTS Threshold	2347	Power Save	Disable				
Fragmentation Threshold	2346	Region	Europe				
Preamble Type	Short						
TX Rates	Auto 💌						
Apply							
Adapter 802.11 b/g USB w	/ireless Adapter - Packet (Scheduler Minipor	OK Cancel				

• 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.

Singnal Noise

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

Winbond Wireless Utility						
Profiles Site Survey	Advanced Status Inform	ation		1		
Network Name	linksys	Frames	Т×	Rx		
Link Status	Connected	Successful	80	56		
Current Channel	1	Unsuccessful	0	0		
Current Speed	2.0M			Reset		
Link Quality	90%					
Signal Strength	-60dB	m 🖲 Radio On				
Signal Noise	-95dB	m C Radio Off	/	Apply		
Adapter 802.11 b/g	USB Wireless Adapter - Packe	t Scheduler Miniporl 💌	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	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					
Ac	lapter 802.11 b/g US	B Wireless Adapter - F	Packet Scheduler Miniport	0K	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 Rer	nove Programs			
5	Currently installed programs:	Show up <u>d</u> ates	Sort by: Name	*
C <u>h</u> ange or Remove	🧐 AutoPlay Media Studio 4.0		Size	13.72MB
Programs	📸 HyperSnap-DX 5		Size	5.69MB
	🔗 InstallShield Professional 7		Size	749.00MB
Add New	InstallShield X		Size	746.00MB
Programs	🧭 Microsoft Visual Studio 6.0 Enterprise Edition		Size	185.00MB
F	🧐 Microsoft Web Publishing Wizard 1.53		Size	0.14MB
Add/Remove	MSDN Library - October 2003		Size	1,850.00MB
<u>W</u> indows	SoundMAX		Size	12.48MB
componentes	🔂 Winbond WLAN		Size	<u>1.20MB</u>
(Used	<u>rarely</u>
Set Pr <u>o</u> gram			Last Used On	8/10/2005
Defaults	To change this program or remove it from your comput	er, click Change/Remove.	Chang	je/Remove
	WinRAR archiver		Size	2.69MB

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



3. Click Finish button.





4. The *USB 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 your computer will display a Found New Hardware Wizard screen, click Cancel to continue.

Found New Hardware Wizard	Found New Hardware Wizard						
	Welcome to the Found New Hardware Wizard This wizard helps you install a device driver for a hardware device.						
	< Back Next > Cancel						

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.



3. Winbond Wireless Setup will install the driver and utility on your system, click Next to continue.



4. On the *Select Destination Directory* screen, click *Next* to accept the Destination Directory for driver installation..

Winbond WLAN Installati	ion	×		
	Select Destination D	irectory		
	Please select the directory where Winbond WLAN files are to be installed. "Free Disk Space After Install" is based on your current selection of files to install. A negative number indicates that there is not enough disk space to install the application to the specified drive.			
~~	C:\Program Files\winbond	Browse		
	Current Free Disk Space: Free Disk Space After Install:	10638520 k 10635957 k		
	< <u>B</u> ack <u>N</u> ext >	<u>C</u> ancel		

5. Press the *Next* button to begin the installation.



6. Wireless Adapter Driver and Utility are installing.

Installing	×
Copying file: C:\Program Files\winbond\w89c35\ReadFlag.exe	
59%	
Cancel	

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

Winbond WLAN Installation					
	Installation Completed! The installation of Winbond WLAN has been successfully completed. Press the Finish button to exit this installation.				
	< Back Einish Cancel				

Configuring the Winbond Wireless Utility

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



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.

Winbond Wireless Utility									
Profiles	Site Survey	Advanced Status	Info	rmation					
SSID		BSSID	Cha	nnel&Freque	Netw	Authe	Encry	Signal 🔺	1
i A	SUSWL520G	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	WPA	AES	78%	
i 🖬	iksys	00-06-25-88-8E-61	1	<->2412MHZ	Infrast	Unkn	None	77%	
1 6	-	00-0D-F0-11-60-03	8	<->2447MHZ	Infrast	WPA	TKIP	78%	
i bi	ъь-802.11ь	00-60-B3-16-1D-58	7	<->2442MHZ	Infrast	Unkn	None	69%	
i Ai	rStation_11b	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	WPA	TKIP	71%	
i A	P600	00-20-A6-51-1F-B4	11	<->2462MHZ	Infrast	Unkn	None	81%	
i w	ill-802.11g	00-0D-F0-00-19-7B	13	<->2472MHZ	Infrast	Unkn	None	71% 🔄	
i i E	ASY-UP	00-0D-08-06-1F-D3	11	<->2462MHZ	Infrast	Unkn	None	59%	
i de	efault	00-0F-3D-F7-37-8E	6	<->2437MHZ	Infrast	Unkn	None	47%	.
1	nunatoi cottoo	UU UD 00 ME 20 VU	c	2 S 0407MU7	hofepot	Unkn	1./ED	17%	4
Re	efresh	Config							
Adapter	802.11 b/g L	ISB Wireless Adapter			•	01		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	s X
Security	
Network Name (SSID):	linksys
Wireless Network Key	
This newwork requires a ke	ey for the following:
Network Authentication:	OpenSystem 💌
Data Encryption:	None
Network Key:	
Confirm Network Key:	
Key Index (advanced):	0 *
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.

Win	Winbond Wireless Utility						
F	rofiles Site Survey Advanced	Status Information					
	SSID	Network Type	Authentication	Encryption			
	🛔 linksys	Infrastructure BSS	OpenSystem	None			
	Add Delete	Properties Move	• Up Move Dow	n Connect			
Ad	apter 802.11 b/g USB Wireless	s Adapter	•	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.

Winbond Wireless Utility						
Profiles Sit	e Survey Advanced	Status Information				
SSID		Network Type	Authentication	Encryption		
💡 linksys		Infrastructure BSS	OpenSystem	None		
Add	Delete	Properties Move	: Up	n Connect		
Adapter 80	2.11 b/g USB Wireless	Adapter	_	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.

Winbond Wireless Utility								
	Profiles Site Survey	Advanced Status	Info	rmation				
	SSID	BSSID	Cha	annel&Freque	Netw	Authe	Encry	Signal 🔺
	🛔 ASUSWL520G	00-11-D8-F2-98-13	1	<->2412MHZ	Infrast	WPA	AES	78%
	💡 linksys	00-06-25-B8-BE-61	1	<->2412MHZ	Infrast	Unkn	None	77%
	1 6F	00-0D-F0-11-60-03	8	<->2447MHZ	Infrast	WPA	TKIP	73%
	👗 bob-802.11b	00-60-B3-16-1D-58	7	<->2442MHZ	Infrast	Unkn	None	68%
	👗 AirStation_11b	00-07-40-57-A7-D7	11	<->2462MHZ	Infrast	WPA	TKIP	75%
	👗 AP600	00-20-A6-51-1F-B4	11	<->2462MHZ	Infrast	Unkn	None	80%
	👗 will-802.11g	00-0D-F0-00-19-7B	13	<->2472MHZ	Infrast	Unkn	None	72% 🚽
	👗 EASY-UP	00-0D-08-06-1F-D3	11	<->2462MHZ	Infrast	Unkn	None	59%
	👗 default	00-0F-3D-F7-37-8E	6	<->2437MHZ	Infrast	Unkn	None	47%
	P alveratai aattaa 00.00.00.45.20.40 € / \2/276/UZ Intrast Union \1/ED /7%							
Refresh Config								
Adapter 802.11 b/g USB Wireless Adapter 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, Power Save, and Region.

nbond Wireless Utility	oped Chatra Linternet	inbond Wireless Utility						
Profiles Site Survey Auvai	iceu Status Informati	on						
RTS Threshold	2347	Power Save	Disable	•				
Fragmentation Threshold	2346	Region	Europe	•				
Preamble Type	Short							
TX Rates	Auto							
Apply								
xdapter 802.11 b/g USB Wireless Adapter ▼ 0K Cancel								

• 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.

Singnal Noise

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

Wir	Winbond Wireless Utility						
F	Profiles Site Survey	Advanced Status	Informatio	on			
			·				
	Network Name	linksys		Frames	Тх	Rx	
	Link Status	Connected		Successful	42	3	
	Current Channel	1		Unsuccessful	0	0	
	Current Speed	6.0M				(Heset)	
	Link Quality		83%				
	Signal Strength		-64dBm	Radio On			
	Signal Noise		-95dBm	C Radio Off		Apply	
Ac	Adapter 802.11 b/g USB Wireless Adapter OK Cancel						

Information

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

Wi	Winbond Wireless Utility						
ſ	Profiles Site Survey A	dvanced 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					
A	dapter 802.11 b/g US	3 Wireless Adapter	•	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/Remov	ve Programs		
1	Currently installed programs:	Sort by: Name	•
Change or	🛃 ASUS Display Drivers		
Programs	🖓 HyperSnap-DX 5	Size	5.68MB
	🔗 InstallShield Professional 7	Size	749MB
	🛃 Intel Application Accelerator	Size	2.57MB
Add New	🛃 LiveReg (Symantec Corporation)	Size	1.99MB
Programs	¥ LiveUpdate 1.80 (Symantec Corporation)	Size	4.78MB
87 5	🙈 Microsoft Internet Explorer 6 SP1	Size	10.3MB
	Microsoft Visual Studio 6.0 Enterprise Edition	Size	206MB
Add/Remove Windows	🛃 Microsoft Web Publishing Wizard 1.53		
Components	Canal MSDN Library - January 2004	Size	1.84GB
Sec.	🛃 NVIDIA Windows 2000/XP Display Drivers		
N 🔁	So Winbond WLAN	Size	<u>1.19MB</u>
Set Program		Used <u>occ</u>	asionally
Defaults		Last Used On 8,	/10/2005
	To change this program or remove it from your computer, click Change/Remove.	Change/Re	move
	WinRAR archiver	Size	2.68MB

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

Uninstall Installation		X
	Select Uninstall Method	
	Welcome to the Installation uninstall program. You can choose to automatically uninstall this software or to choose exactly which changes are made to your system. Select the Custom button to select which modifications are to be made during the uninstall. Select the Automatic button for the default uninstall options. Press the Next button to continue. Automatic Custom	
	< Back Next > Cancel	

3. Click Finish button.

Uninstall Installation		×			
	Perform Uninstall				
	You are now ready to uninstall the Installation from your system.				
	Press the Finish button to perform the uninstall. Press the Back button to change any of the uninstall options. Press the Cancel button to exit the uninstall.				
	< Back Finish Cancel	-			
Uninstalling Driver					
Uninstalling Driver					

4. The *USB 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 localhost". 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.