

MONOPRICE®

USB Dual Band 802.11N

Wireless Adapter - 2T2R

User Manual



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Chapter 1 Product Introduction

Thank you for choosing this Monoprice wireless adapter!

The Monoprice wireless adapter supports IEEE wireless standards, and is able to quickly process file transfer, video, multi-media and other applications that require higher bandwidth.

This Monoprice wireless adapter also integrates wireless configuration program, which makes it easy and quick to set up the wireless client. Besides, Soft AP is supported for fast wireless network establishment, and WPS encryption supported for you to quickly encrypt and secure your wireless network. All in all, the Monoprice wireless adapter is easy-to-use, and of robust signal, long transmitting distance.

1.1 Package Contents

One Wireless network adapter

One Software CD (includes user guide and driver)

The above list is for your reference only, the actual contents may differ according to the product you purchase.

1.2 LED Indicator Description

There is one status LED indicator on the side of the wireless network adapter. It lights up and stays ON when working correctly, and flashes when transferring data.

1.3 Product Features

- Supports soft AP feature

- Detects wireless network and adjusts transmitting rate automatically
- Provides two working modes: Infrastructure and Ad-Hoc
- Supports WEP data encryption and WPA-PSK/WPA2-PSK encryption methods
- Supports WPS (Wi-Fi Protected Setup) encryption to secure your wireless network
- Complies with Windows 7/XP/ 2000/Vista, Linux, MAC OS, etc.

1.4 Product Usage

This Monoprice Wireless Adapter offers a fast, reliable and extendable solution for wireless access.

It is mostly used in the following circumstances:

Enables staff members who require higher mobility, to have access to the wireless network anywhere inside their company.

Enables wireless communication for companies or places which are not suitable for wired LAN installation because of budget or building environment restrictions, such as historical buildings, rentals, or places for short-term usage.

Suitable for Enterprises or individuals requiring to regularly alter the networking topology

Helps enterprises or individuals who would like to use wireless to establish wireless network quickly and frees them from the trouble of cable distribution.

1.5 Before Installation

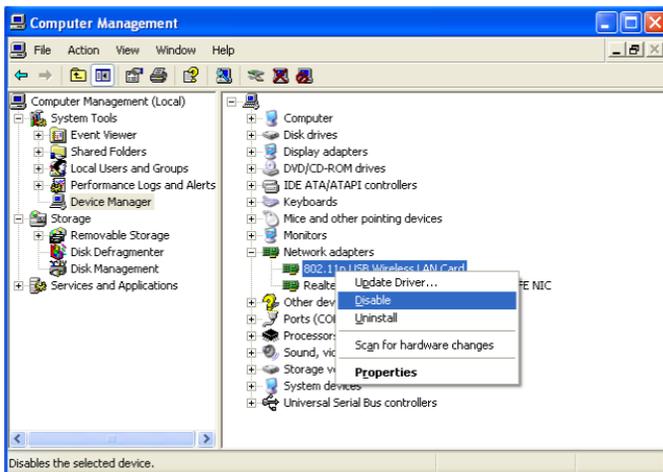
1. Please read through the whole user guide before you install and use this product.
2. Please close or uninstall the configuration programs of other manufacturers' before you install the configuration programs of Monoprice network adapters to avoid possible UI (user interface) conflict.
3. To avoid possible network conflicts between this Monoprice network adapter and those of other manufactures', we recommend that you first disable the network adapters of other manufacturers before installaing the driver.

1.6 Disable other manufacturers' wireless network adapters

1. Right click "My Computer" and select "Manage"



2. On the Computer Management screen ,select " Device Manager" – "Network adapters", and right click the network adapter you want to disable and click "Disable"



3. Click the “Yes” button on the dialogue box to disable the network adapter.



1.7 Product Maintenance

Please keep the product away from water and humid environment to guarantee its normal performance

Protect it against hazardous substances (such as acids, alkalis etc).

Please don't directly expose the adapter to the sunlight or excessive heat.

Please contact Monoprice tech support if any problems occur.

Chapter 2 Installation Guide

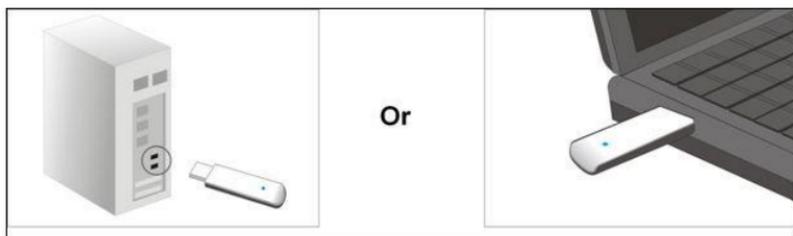
This chapter will guide you through the process of installing the network adapter software package, with the included software CD. The package integrates driver and configuration software. Thus, when you are installing the driver, the configuration software will be installed automatically as well.

The software installation steps and operating guide in this user guide are explained under Windows XP, Installation steps for other operating systems are similar.

2.1 Hardware Installation

2.1.1 Install the USB network adapter

Please insert the Wireless USB Adapter into the USB port of your computer.



2.1.2 Install the PCI network adapter

Insert the wireless adapter into the PCI slot of your computer when it is turned off and then start it(Please make sure the PCI adapter's "gold fingers" are clean. If the PCI adapter can not be identified after being inserted into the mainboard slot,or the

adapter can not scan signals after the driver being installed, please shut down your computer and clean the adapter, and then re-install).

2.2 Software Installation

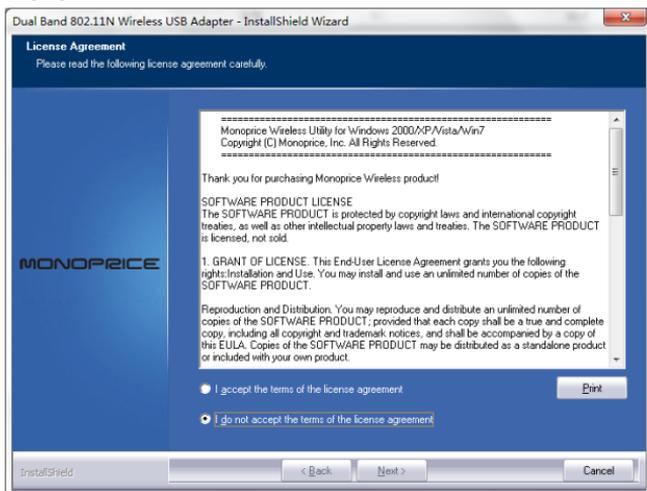
2.2.1 When The “Found New Hardware Wizard” system dialogue pops up, we recommend that you select “Cancel” and use the included Setup Wizard software CD for fast installation.



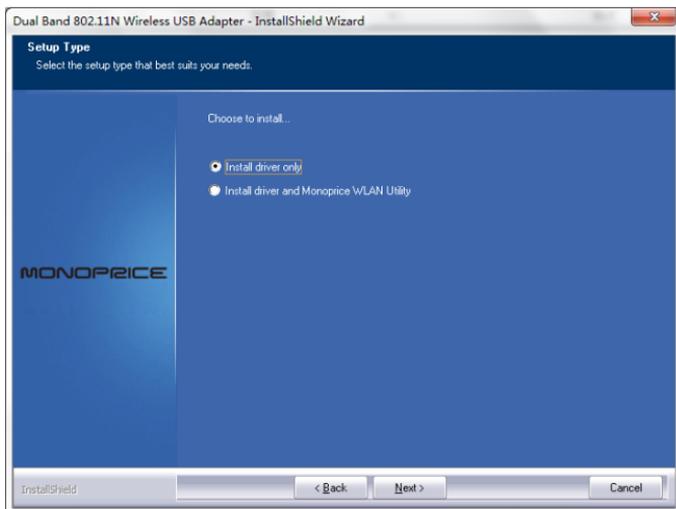
2.2.2 Put the included software CD into the CD drive of your computer ,and the driver should run automatically , a Welcome screen should pop up, just click the “RUN” button.(Double click “wizard.exe”in the software CD and manually install when it doesn’t auto-run).



2.2.3 Select "I accept the terms of the license agreement" and click "Next".

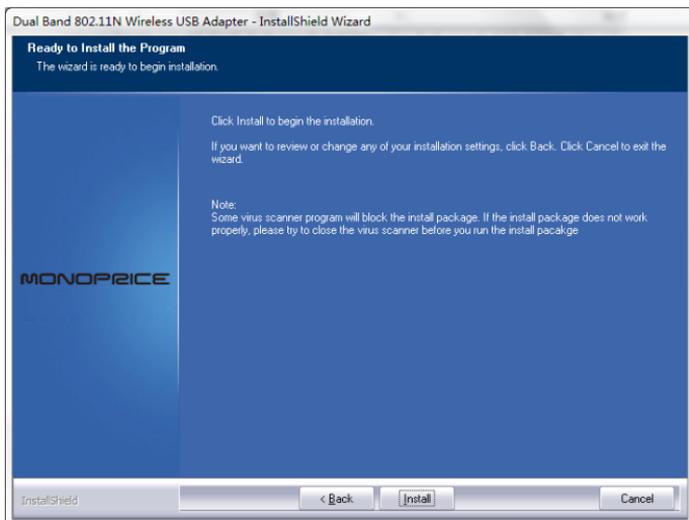


2.2.4 Two set up types are provided: one is "Install driver only", the other is "Install driver and Monoprice WLAN Utility".

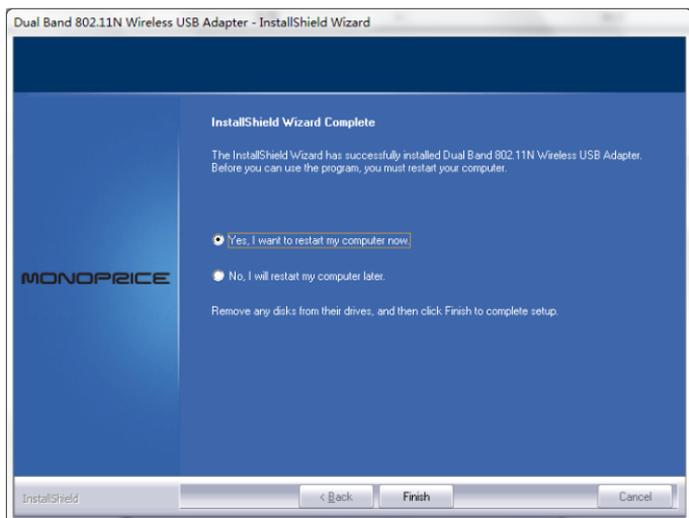


NOTE: you may select the first method when you are accustomed to use the WINDOWS built-in wireless configuration program. However, this program doesn't support AP mode, WPS, and the WPS button on the wireless adapter. To use these advanced features, the second method is recommended.

2.2.5 Click "Install" to begin the driver installation.



2.2.6 Click "Finish" to complete the installation.



Chapter 3 How to use the Windows Built-in Wireless Configuration

This chapter explains to users who don't install Monoprice configuration program how to use Windows Built-in Wireless Configuration to connect to the wireless network .

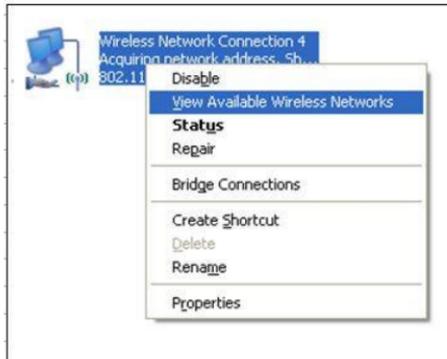
Use of the Windows Built-in Wireless Configuration requires enabling Wireless Zero Configuration service(the default is enabled).

3.1 Wireless Network Connection under Windows XP

1. Right click "My Network Places" on the desktop and select "Properties".

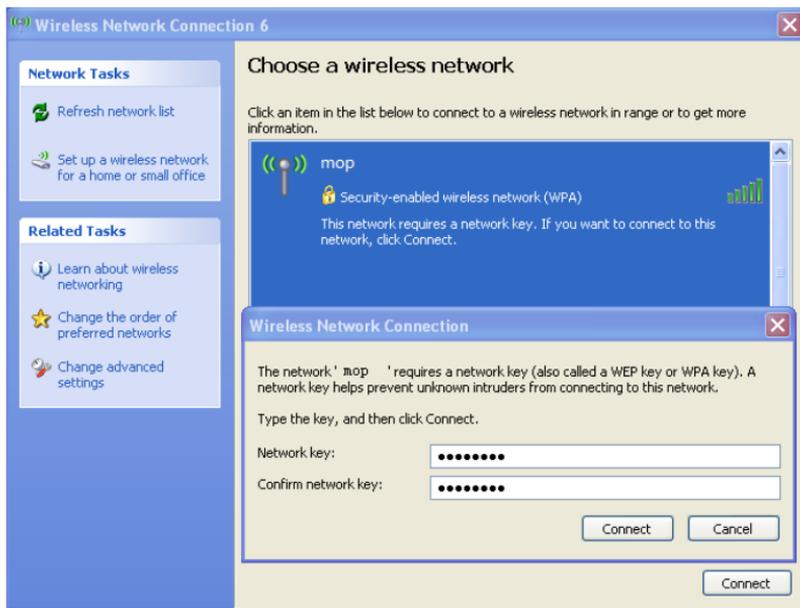


2. Open the network connection. Right click “Wireless Network Connection” and select “View Available Wireless Networks” as shown below.



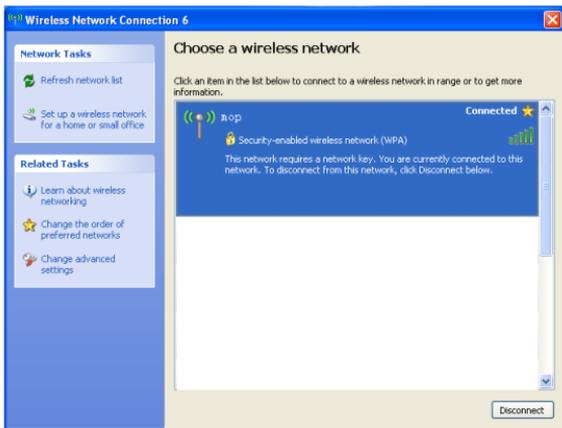
3. On the right of the screen displayed are the currently scanned wireless networks. If the one you want to connect has not been scanned, click “Refresh Network List” to update the network list.

4. Select the wireless network you want to connect, and click “Connect” or double click this wireless network. Input the key in the key dialogue box (the key input is case-sensitive) then click “Connect”.

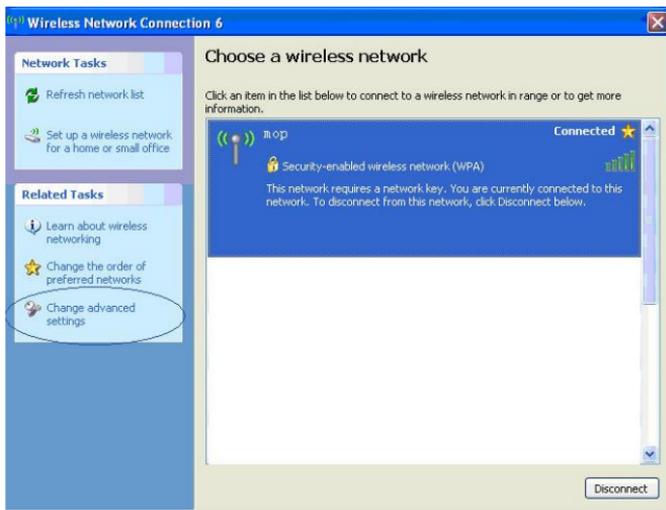


NOTE: If the wireless device you are connecting to is not encrypted, the key dialogue box will not pop up.

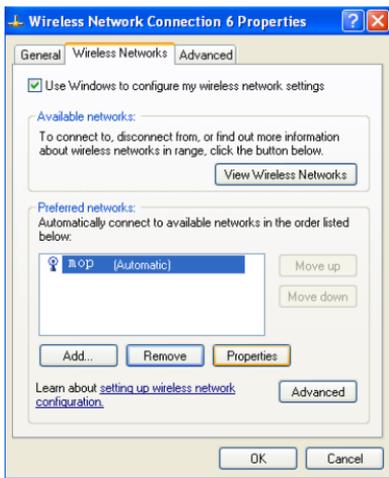
When it shows "Connected" as the picture below, then you can enjoy wireless access to Internet now.



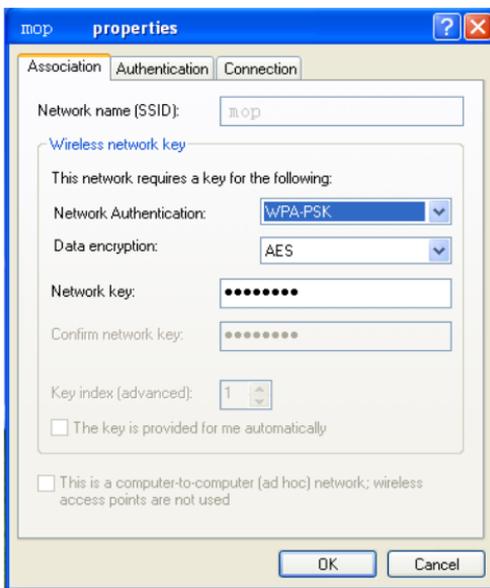
6. You can modify wireless network key from “Change advanced settings”.



7. Select “Wireless Networks” and choose the one you want to modify, and then click “Properties”.



8. Modify the key in the appearing dialogue box.



3.2 Wireless Network Connection under VISTA

1. Click the Wireless Connection icon in the lower right corner of your desktop and select "Connect to a network" as shown below.



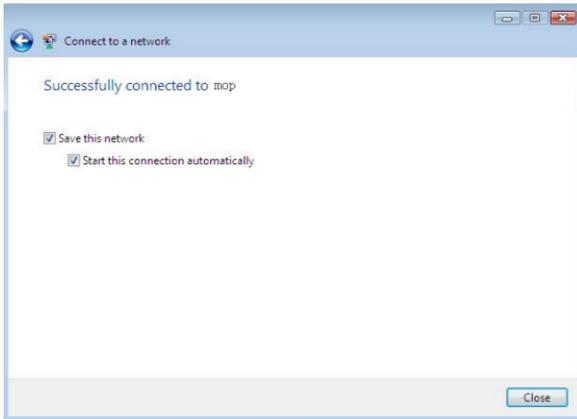
2. Select the wireless network you wish to connect and click “Connect” or double click the wireless network to connect. Click the Refresh icon in the upper right corner to update the network list if you don’t find the specified wireless network.



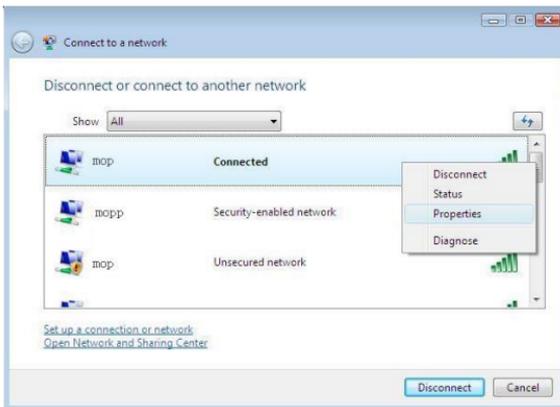
3. If the wireless network that you are connecting has enabled security mode, you’ll be prompted to enter the network key .Click “Connect” after you enter the correct key.



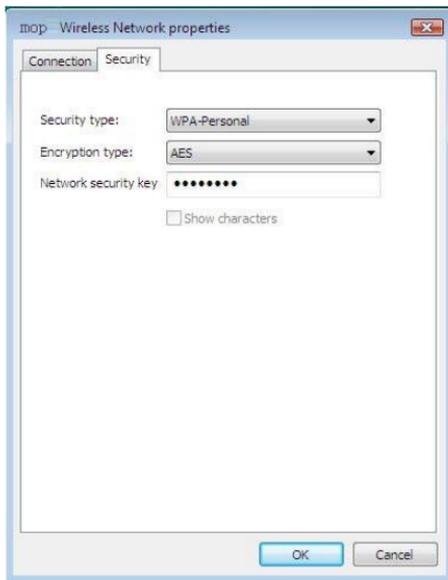
The following screen will appear after successfully connected to the wireless network.



If you want to change the wireless network key, just right click the wireless network's SSID and then select "Properties".

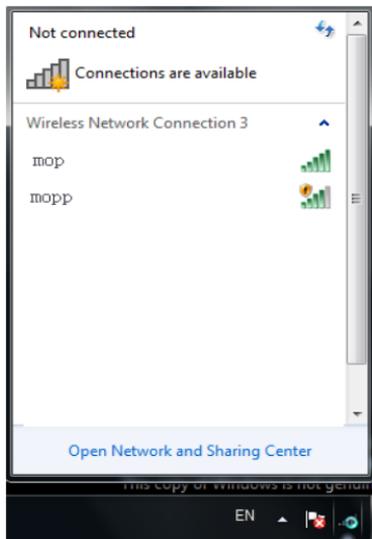


You can modify the key from the appearing dialogue box.



3.3 Wireless Network Connection under Windows 7

Click the wireless connection in the lower right corner of the computer's desktop to view the available wireless networks. Select the wireless network you wish to connect and click "Connect" or double click the wireless network to connect. If you don't find the specified one, please click the refresh icon in the upper right corner to update the list.



If the wireless network you are connecting is encrypted, you'll be prompted to enter the key. Click "Ok" after you enter the correct key.



3. It shows "Connected" after successfully connected. You can disconnect it, view its status or modify the wireless network properties by right click the wireless network



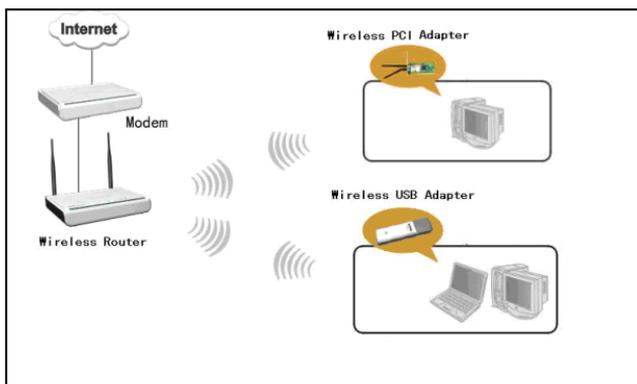
Chapter 4 Wireless Utility

When you are installing the driver, select “Install driver and Monoprice WLAN Utility” and the adapter driver and client utility will be installed. All functions of this adapter can be configured via Monoprice’s utility interface (in the following text it is abbreviated as UI).

Select “Start”—“All Programs”—“Monoprice”—“MP-W522U”, or click the “MP-W522U” shortcut on your PC’s desktop to start the UI.

4.1 Station mode (Client Mode)

Station mode (Client Mode) Overview



It is a common solution to use the wireless network adapter as a client to receive signals.

Main interface for station mode

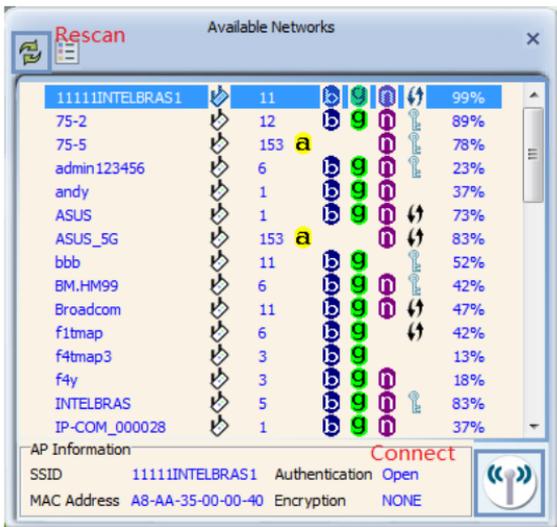


The function buttons on the top(From L to R)are respectively Site Survey, Link Information, Profile, Advanced, About, Help, and MiniSize. While the left column displays Turn On/Off RF, Security /No security, and Signal status.

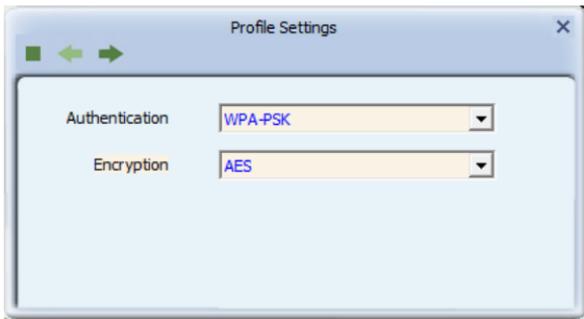
4.1.1 Available Networks

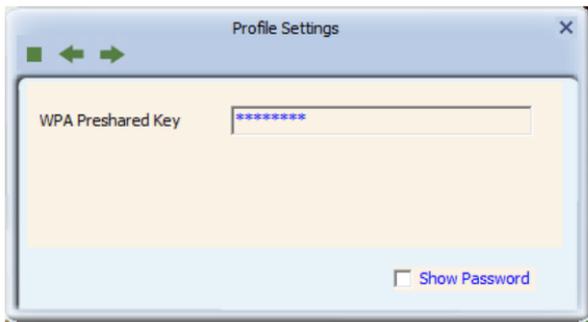
The “Available Networks” screen displays currently scanned wireless signals and you can click one to connect the signal. Select one and you may view the AP’s MAC address, wireless mode (A/B/G/N), authentication type, and encryption type, or WPS authentication and signal strength.

Before you connect to a wireless network, please click the “Rescan” button to update the wireless network list and select the one you wish to connect, then click the “Connect” icon.



For the networks that are not encrypted, you can directly click "Connect". However, for the encrypted wireless networks, a "Profile" dialog will pop up and you must select the corresponding authentication type and encryption type, and then click the "Next" button to input the correct key. Please note that this type of connection will not create a profile, thus next time connect to this network you still need to select it manually.





The detailed explanations about the authentication and encryption are as follows:

WEP: Supports 10/26-bit Hex characters and 5/13-bit ASCII.

WPA-PSK : Supports 8-63-bit ASCII and 8-64-bit Hex characters.

WPA2-PSK : Supports 8-63-bit ASCII and 8-64-bit Hex characters.

WPA-PSK/WPA2-PSK: Supports 8-63-bit ASCII and 8-64-bit hex characters.

 **NOTE:**

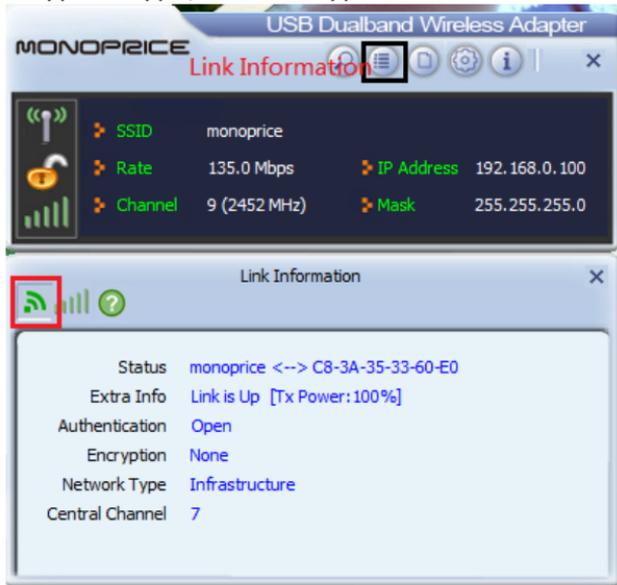
The Hex characters consist of numbers 0~9 and letters a-f. ASCII characters consist of any Arabic digitals/letters and characters.

4.1.2 Link Information

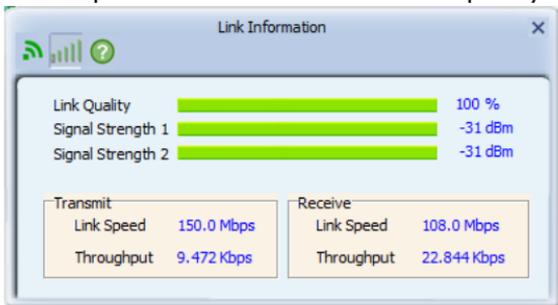
After successfully connected to one wireless network, you can view its detailed information by clicking the “Link Information” on the main interface.

“Link Status” screen displays the detailed information of the connected AP including its SSID, MAC address, authentication

type, encryption type, network type and channel.



2. "Throughput" screen displays the signal strength of each of the wireless adapter's antennas and the link quality.



3. "Statistics" screen is used to count the total Rx and Tx data packets, including transmitted, retransmitted and fail to receive ACK after all retries. You can click the "Reset Counter" button to clear the count.



4.1.3 Profile Settings

Except the above common connection type, you can also connect to the wireless network by adding a profile on the "Profile Settings" screen. The "Profile Settings" screen is used to save the wireless network parameters. When the adapter is successfully connected to a network, the profile name of this network will automatically be added here, which helps the adapter to quickly connect to the wireless network next time. However, there's one exception that when you have set the hidden SSID, namely the SSID can not be scanned, then you must manually connect by adding the profile name. The main interface is as shown below.



Add: create a new profile



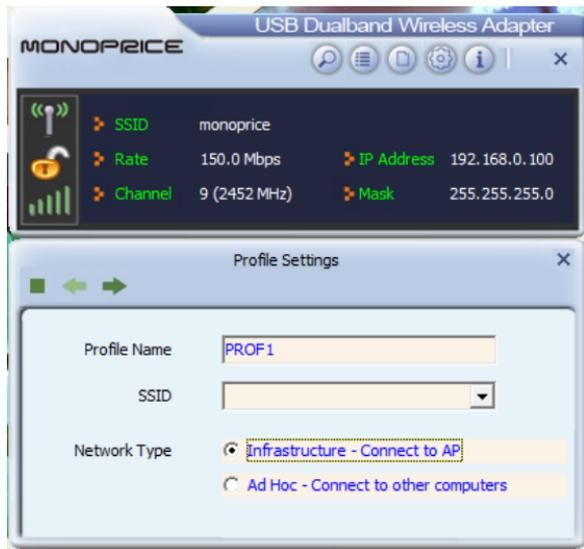
Delete: delete the existing profile



Edit: modify the existing profile



Add WPS Profile: WPS setting requires that the connecting wireless device support WPS function. WPS helps you to fulfill wireless encryption fast as well as secure your wireless network. For detailed setting steps, refer to appendix2. There are two network types for your option when clicking the "Add" button to add wireless adapter connection: Infrastructure and Ad-Hoc.



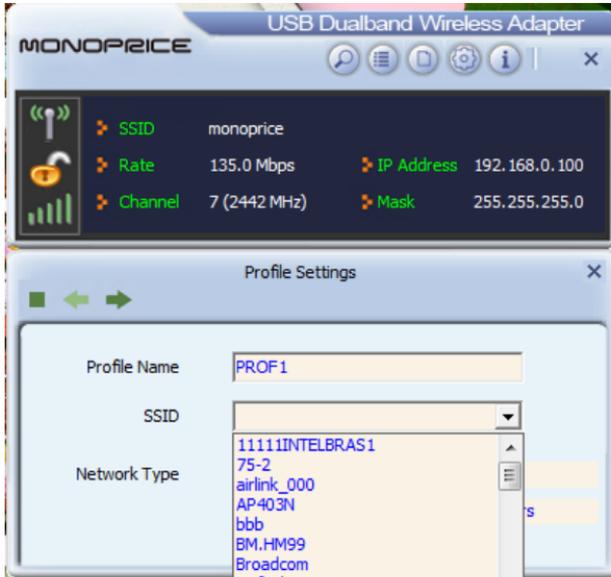
Infrastructure is an application mode that integrates the wired and wireless LAN architectures. It is different from Ad-Hoc in that in this mode the computer installed with the wireless network adapter has to fulfill the wireless communication via AP or wireless router. It can be divided into two modes: "wireless AP + wireless network adapter" and "wireless router + wireless network adapter".

Ad-Hoc is a special wireless mobile network application mode. All nodes in the network are equal. Usually it is used to share resources by connecting the opposing computer's wireless adapter.

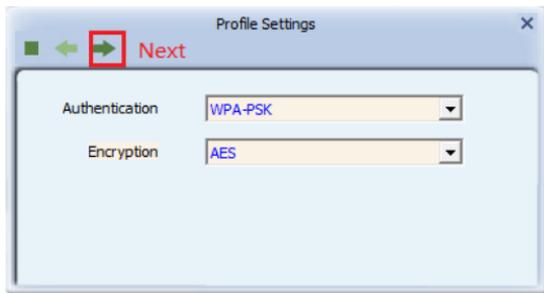
1. Infrastructure Profile Management

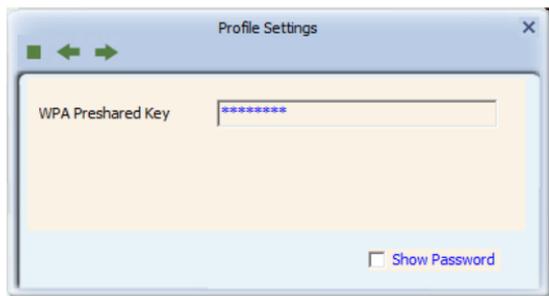
When you are connecting the wireless adapter to an AP or a

wireless router, please select the Infrastructure mode. Click the “Add” button and select the network type as “Infrastructure”, and enter the profile name and SSID or you can find the SSID you wish to connect from the drop-down list.

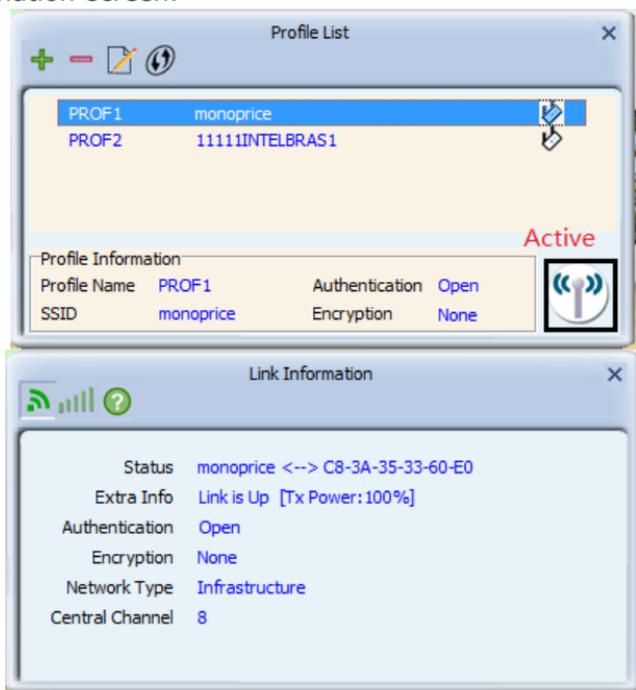


Click the next button to select the authentication type and encryption type such as WPA—PSK and AES, and then input the key and click next.





After a profile is successfully added, the profile name can be seen on the profile list, you can edit , import or export the profile, click "Active" to finish the connection, now you can also view the detailed connection status on the "Link Information" screen.



NOTE:

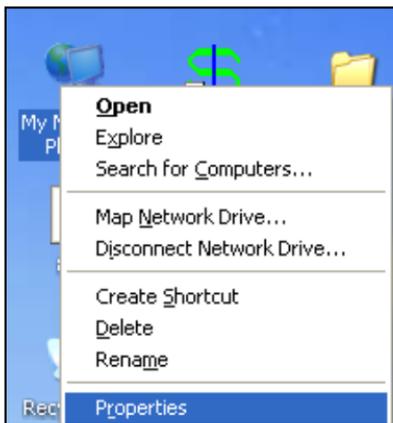
If the SSID broadcast function of the wireless router or AP you wish to connect is disabled, then the wireless adapter can not scan the SSID, thus you need to connect by creating the corresponding profile.

2.Ad-Hoc Profile management

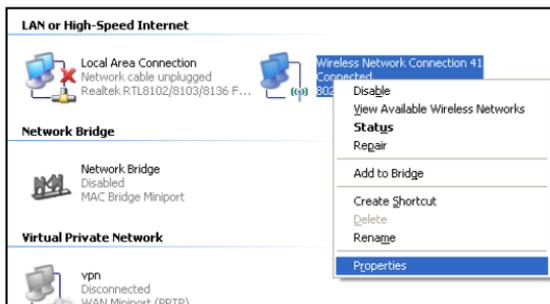
Using the Ad-hoc mode to establish a wireless network requires that each computer should be equipped with a wireless network adapter. By connecting these wireless adapters, computers are able to share the resources. The detailed setting steps are as follows:

1) Firstly you'll have to allocate a static IP to each wireless adapter to be connected in Ad-hoc mode.

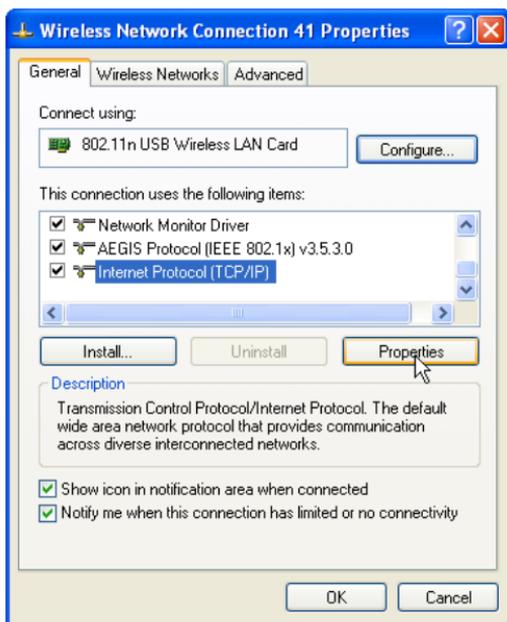
a.Right click "My Network Places" on your computer's desktop and select "Properties".



b. Right click “Wireless Network Connection”, and select “Properties”

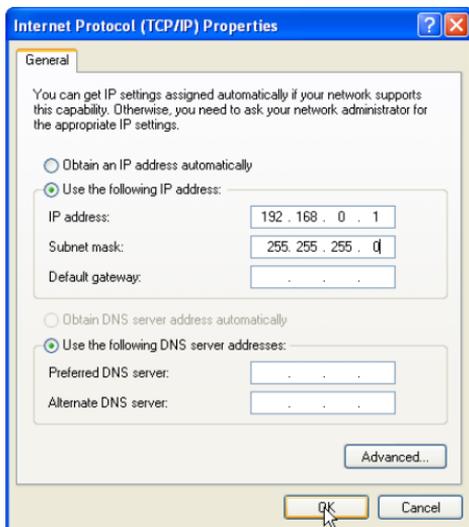


c. Select “Internet Protocol(TCP/IP)”and click “Properties”.



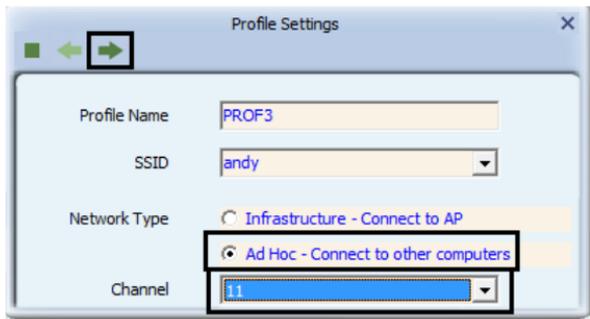
d. Please enter the IP address and subnet mask, and make sure

this IP address is not used by other devices in the network. For example: if your wireless adapter's IP address is 192.168.0.1, then set other wireless adapters' IP addresses within the range of 192.168.0.2—192.168.0.254. Click "Ok" to save the settings.



2) Create a new Ad-hoc profile

Click the "Add" button and enter the network name in the SSID field to identify the wireless network, and select Ad-hoc as the network type and then select the channel.



Click the "Next" button to select the authentication type and encryption type and then input the correct key and click "Next".

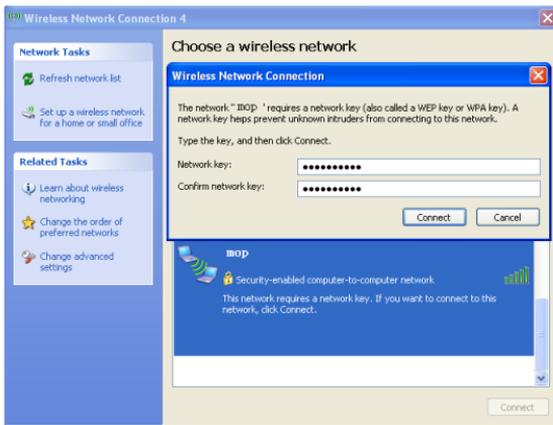


After a profile is successfully added, the profile can be seen on the profile list, select it and click the "Active" icon on the lower

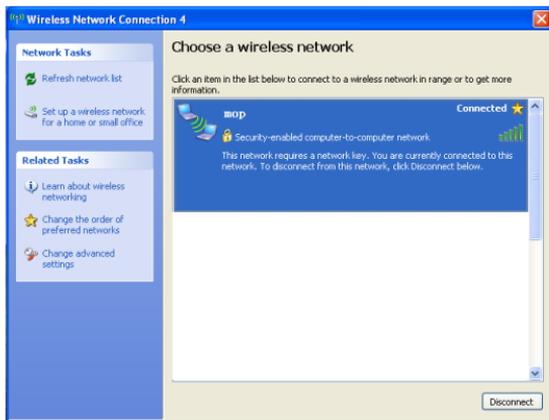
right corner.



And then search for the wireless network on other clients. Double click the wireless network you have configured and you'll be prompted for the key .After entering the key, click "Connect".

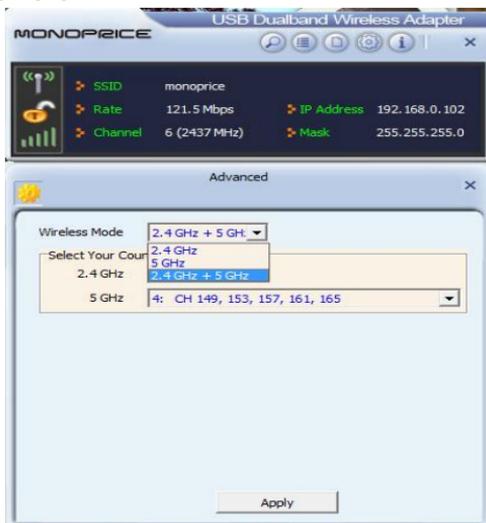


When the highlighted part shows "Connected" ,it indicates the connection is successful.



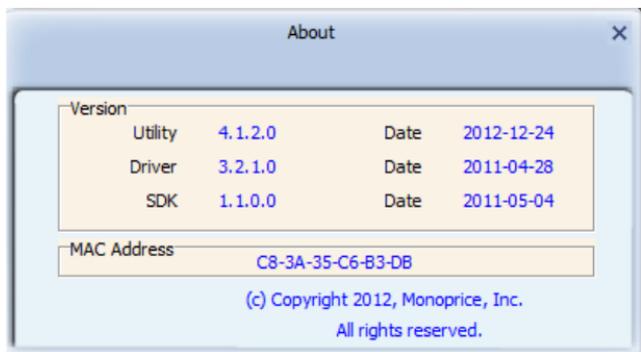
4.1.4 Advanced

This section is used to set the wireless mode and country region code for the current wireless adapter. You have three options to choose from: 2.4G, 5G or 2.4G+5G. The widely used is 2.4G wireless adapter. To use the 5G mode of 802.11a technology, please set it here.



4.1.5 About

This screen mainly displays the version information of the UI's different programs as well as Monoprice's copyright statement.



4.2 AP mode

When you want to use the wireless adapter's AP function, please right click the UI icon on the taskbar of your computer desktop and select "Switch to AP Mode".

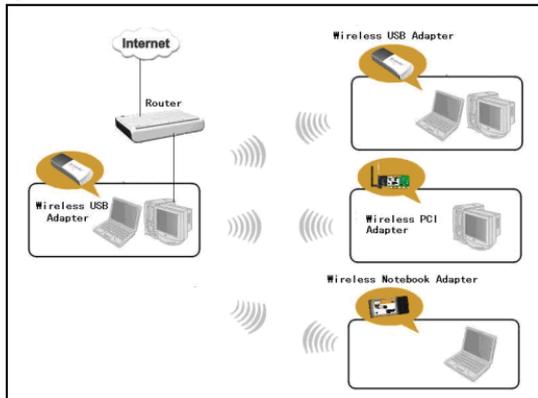


In this mode, the wireless adapter acts as an AP to transmit wireless signal and create a wireless network, while allowing other wireless clients to access this network.

As shown in the diagram below: The PC in the left has already accessed to the Internet by using a wired network adapter,

meanwhile, you install a Monoprice wireless adapter (take a USB wireless adapter as an example) and its UI on this computer, and set the adapter to AP mode.

By using the wireless adapters to scan the AP'S SSID to connect, the computers in the right can also access to the Internet after successfully connected



In this mode, the client utility differs from that in station mode, and the main interface is as shown below.



When it is switched to AP mode, the wireless adapter will automatically set its IP address as 192.168.123.1, and other clients that connected to this AP will automatically obtain the IP addresses of: 192.168.123.X(X is any integer from 2 to

254).The function buttons on the top (From L to R)are respectively Config AP, Advanced, Access Control List, Associate List, About, Help, and MiniSize, while the left column displays Turn On/Off RF, Security /No security, and AP mode icon.

4.2.1 Config AP

This screen is used to set the AP's general parameters including SSID, wireless mode, channel, authentication type and encryption type, as shown in the picture below.

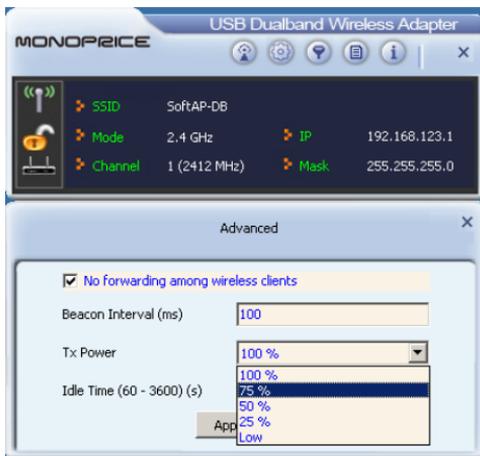


Here the authentication type is set as "Open" and the encryption type "Not Use".



4.2.2 Advanced

This screen is used to set the advanced parameters of the wireless adapter when working in AP mode, such as No forwarding among wireless clients and TX power.

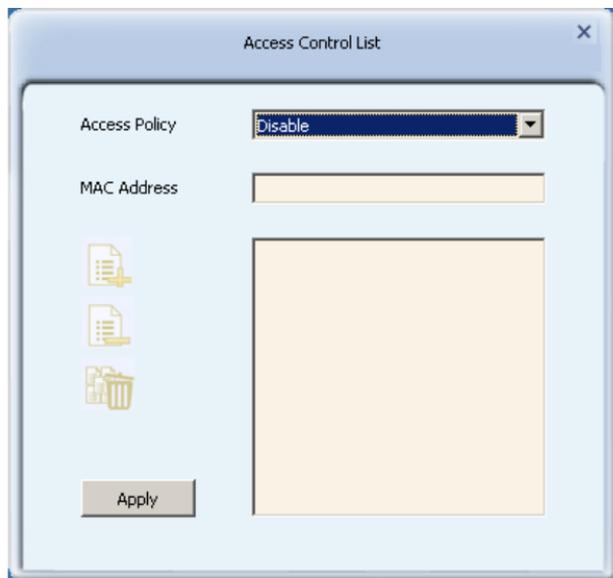


No forwarding among wireless clients: This feature isolates the communications among the wireless clients that are connected to the wireless adapter in AP mode.

TX power: To adjust the transmit power for the wireless adapter

4.2.3 Access Control List

Access Control is based on the wireless adapter' MAC addresses to allow or reject a specified client's access to this wireless network.



Access Policy:

Disable: To disable the filter function.

Allow All: To permit all hosts whose wireless MAC addresses

are included in the list to access the wireless network, other hosts whose wireless MAC addresses have not been added to the list will be prohibited by default.

Reject All: To prohibit all hosts whose wireless MAC addresses are included in the list from accessing the wireless network, other hosts whose wireless MAC addresses have not been added to the list will be permitted by default.

MAC Address: To input the client's wireless MAC address you want to filter in the physical address field.



) add the entered wireless client MAC address to the list.



) delete an existing MAC address in the list.

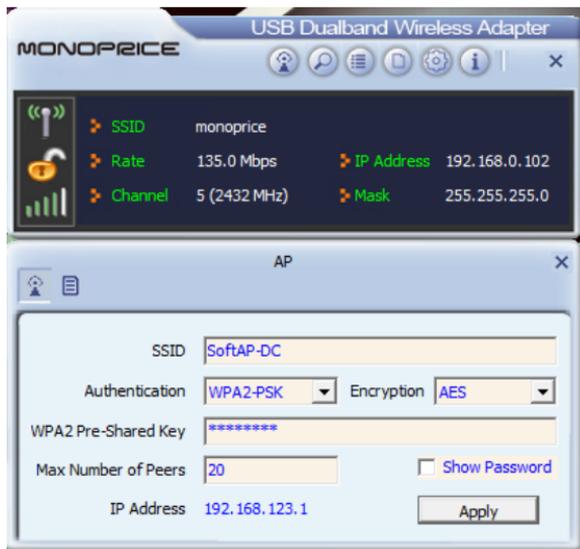


) delete all clients' wireless MAC addresses in the list.

Add the MAC address of the client's wireless network adapter to the list and select "All Allow" in the access policy drop-down list, computers whose wireless MAC addresses are not included in the list will be rejected by default. Select "All reject", and only the host computers whose wireless MAC addresses are included in the list can not access the AP wireless network.

4.2.4 Associate List

When there's client connected to this AP and has successfully obtained the IP address ,then the client's MAC address, AID and Status can be seen on the list.



Appendix 1: Acronyms and Terms

WLAN Wireless Local Area Network

802.11 A family of specifications developed by the IEEE for WLAN technology.

802.11a An extension to 802.11 WLAN standards that provides up to 54 Mbps transmission in the 5 GHz UNI radio band.

802.11b An extension to 802.11 WLAN standard that provides up to 11 Mbps transmission in the 2.4 GHz ISM radio band. 802.11b uses DSSS modulation.

802.11g An extension to 802.11 WLAN standard that provides up to 54 Mbps transmission in the 2.4 GHz ISM radio band. 802.11g uses OFDM modulation and is backwards compatible with 802.11b.

802.11n higher transmission rate, supports Multi-Input Multi-Output(MIMO) technology.

WEP Wired Equivalent Privacy. A security protocol for WLANs defined in the IEEE 802.11 standard.

WPA Wireless Protected Access, adopts rotating keys.

RSN Robust Security Network, A substitute for WPA, and it adopts 802.1x standard and advanced encryption

ICS Microsoft Internet Connection Sharing enables multi-computer to share access to Internet via one PC.

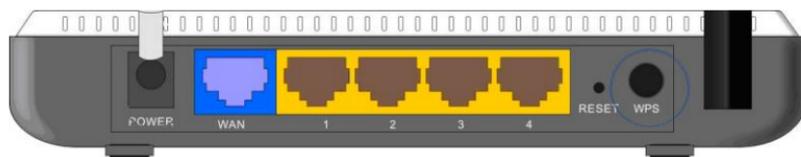
Appendix 2: How to Set WPS

WPS setting supports two modes :PBC and PIN. The detailed setting steps are as follows:

1. Wireless Connection in PBC Mode

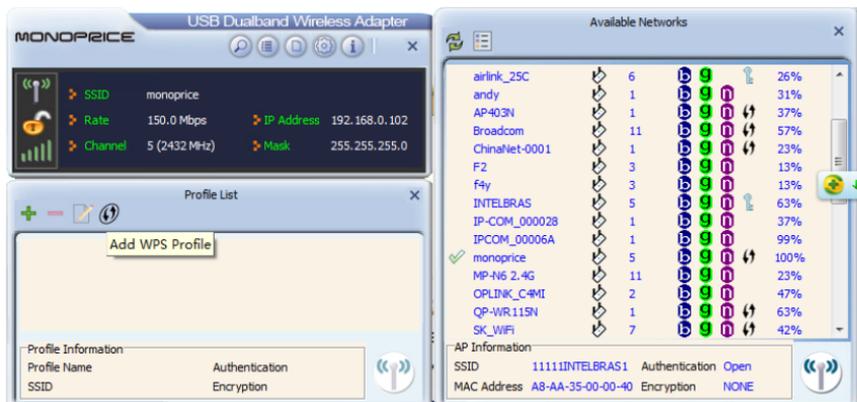
1.1 Enable the router's WPS-PBC feature.

If your router provides WPS button, just press and hold it for about 1 second, then the WPS LED will be flashing for about 2 minutes, which indicates the router's WPS feature has been enabled. Otherwise, you can also log on to the router's web-based utility to enable the PBC mode in WPS settings screen(For detailed settings,please refer to your router's user guide).

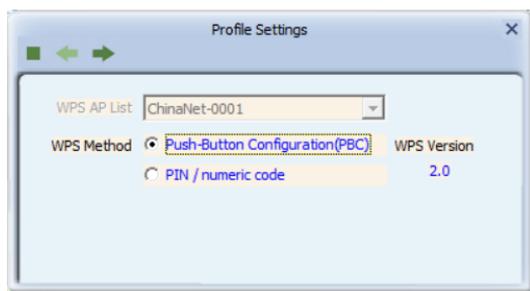


1.2 Perform PBC connection on the UI of the wireless adapter

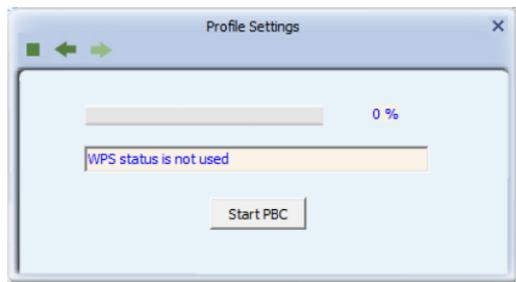
1) On the main interface of Monoprice's UI, click "Profile Settings"—"Add WPS Profile".



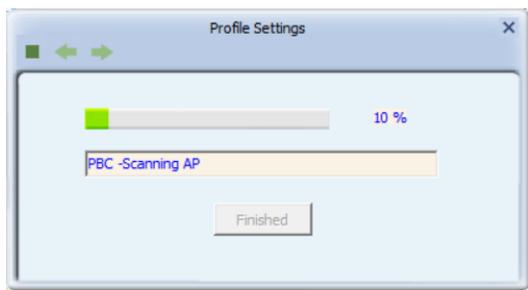
2) On the Profile List screen, select “Push-Button Configuration”(PBC) and then click the “Next” button, select “Start PBC” two minutes after the router enables the WPS function. The connection is established when the negotiating process finishes.



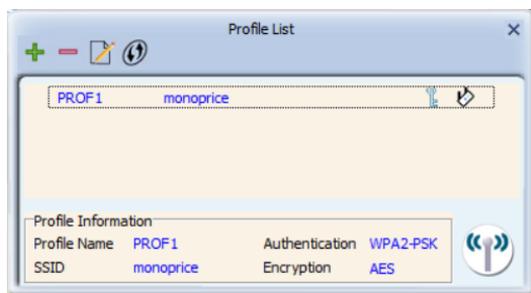
Start PBC:



Negotiating process:



A profile forms automatically after the connection is successfully established.



1.3 Using the wireless adapter's WPS button to perform PBC connection.

If your wireless adapter provides a WPS button, you may use

the button to perform PBC connection.

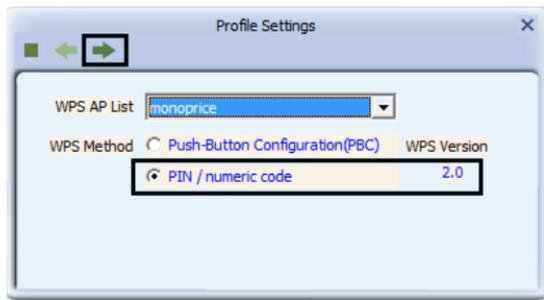
a).Run the adapter's UI and switch to STATION mode

b).Two minutes after the router's WPS-PBC is enabled,press the adapter's WPS button to connect in PBC mode.

c).You may view the PBC connection process on the UI's PBC screen.

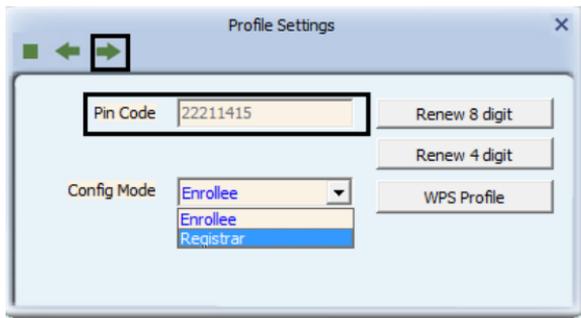
2. Wireless Connections in PIN Mode

On the "Add WPS Profile" screen, select "PIN " as the WPS Method. You may select the wireless AP to be connected in WPS mode on the WPS AP drop-down List,or select "Auto "and then click the next button.

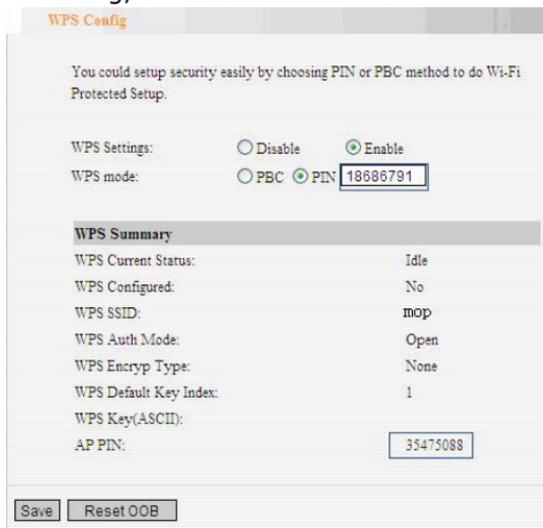


2.1 Enrollee Mode

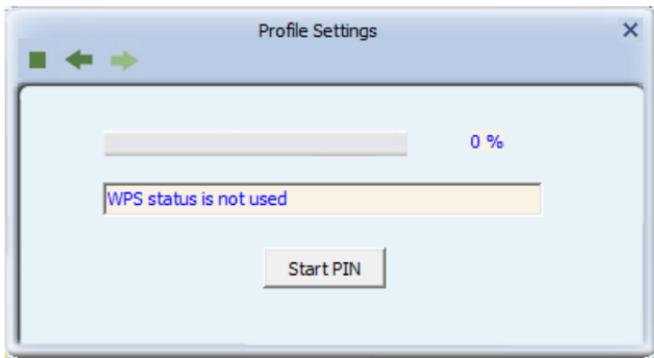
The PIN code field lists the adapter's current PIN code, when you select "Enrollee" as the Config Mode, you need to copy this PIN code and input it in the PIN code field of the router's WPS setting screen.



Here we take W311R as an example. First enter its WPS configuration screen, enable WPS settings and select PIN for WPS mode and then input 18686791 in the PIN code field, and then click the "Save" button. When the WPS indicator of the Router starts flashing, it indicates that WPS feature is enabled.

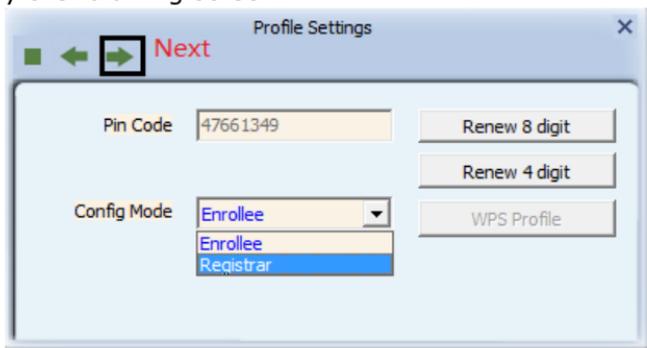


Click the next button on the Profile List screen and click "Start PIN" to start the PIN code negotiation.

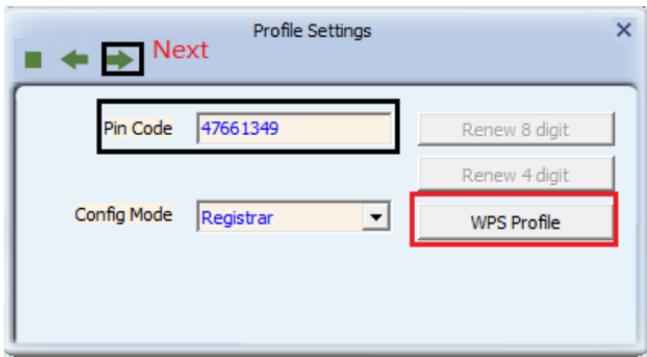


2.2 Registrar Mode

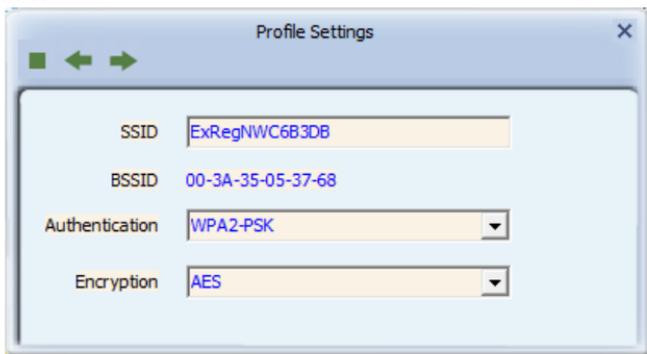
On the "Add WPS Profile" screen, select the SSID of the AP that need to negotiate in WPS mode instead of selecting "Auto". Then select "PIN" as the WPS method and click the next button to display the following screen:



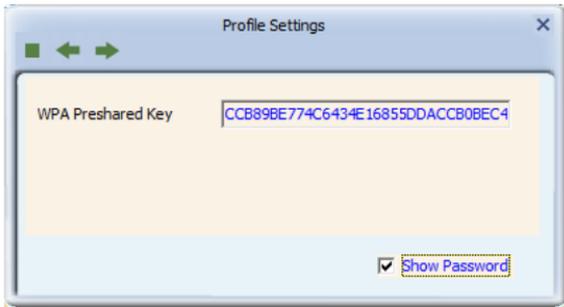
Select "Registrar" as the config mode and enter the router's PIN code, such as 35475088 that displays on the router's WPS screen in section 2.1, in the PIN code field here.



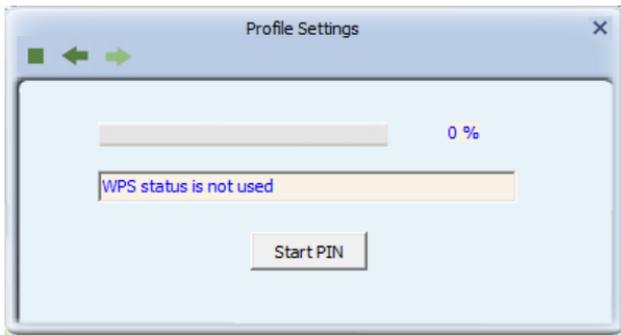
Now you can view the SSID ,authenticaiton type,and encrytion type that need to be negotiated by the WPS in registrar mode.These values can be modified but we recommend using the default.Here we use the default setting and then click the next buton.



You can view the negotiation key on the screen below ,but you are not recommended to modify it,just click the next buton.



Then click “Start PIN” on the screen below to perform WPS connection.



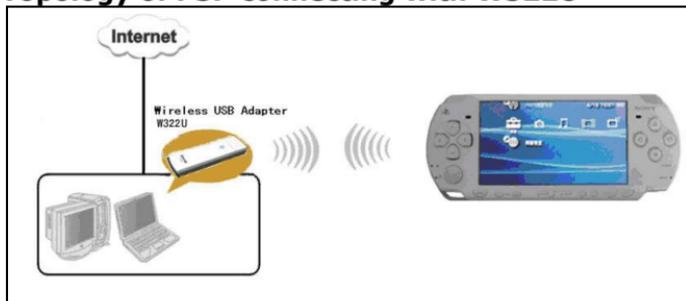
NOTE:

- 1.Under the WPS connection mode, when multiple routers simultaneously enable the WPS function, it may cause connection failure.
- 2.If the router connect to the adapter using the WPS, only one client can be connected at one time, and so if the router need to connect to multiple clients through WPS, you should repeat the WPS operation.

Appendix 3: How to connect with PSP

To use the PSP and Xlink Kai features on Monoprice products, do as follows:

1. Topology of PSP connecting with W322U



2. To configure PSP with Ad-Hoc mode

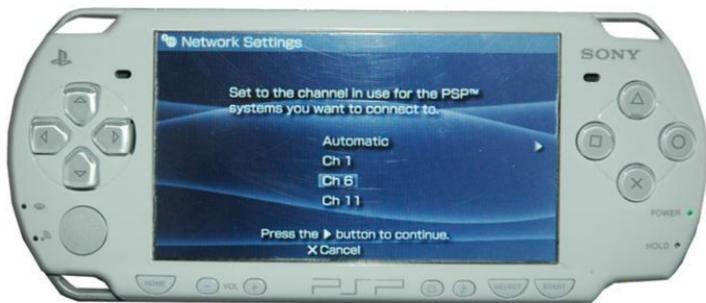
2.1 Select Network Settings



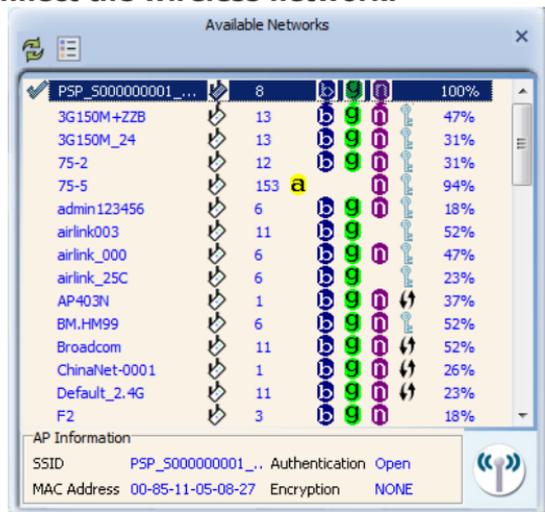
2.2 Select Ad-Hoc mode



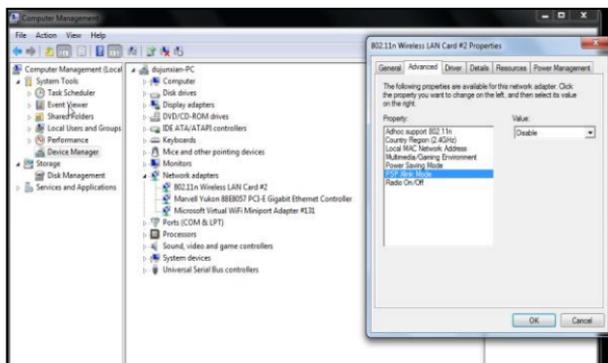
2.3 Select Channel



3. In W322U Utility Interface scan PSP and double-click to connect the wireless network.



4. Right click "My Computer" and select "Properties"---"Hardware"---- "Device Manager". On the Device Manager screen, select your wireless adapter, click "Properties" and then enable the PSP Xlink feature.



5. To configure Xlink Kai

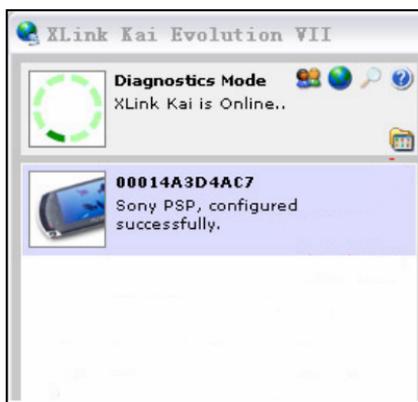
Select "Start"→ "All programmers" → "Xlink Kai Evolution

VII" → "Start Kai Config" to configure the user name, password and other parameters as follows.



6. Login Xlink Kai

Select "Start" → "All programmers" → "Xlink Kai Evolution VII" → "Start Kai". PSP will connect with Xlink Kai automatically. The following window will indicate the connection is established well now.



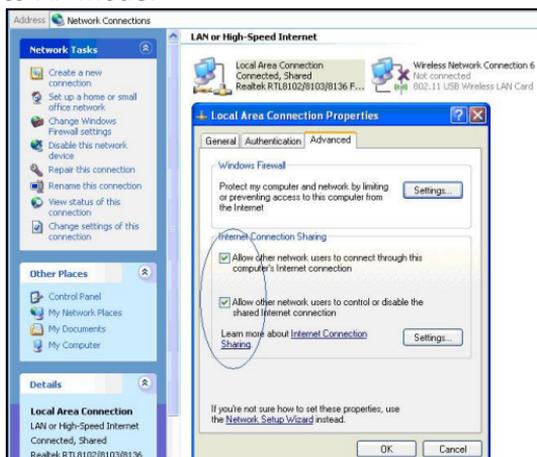
Appendix 4 :FAQ

Q1: Microsoft ICS service is pending.

A1: If ICS service cannot be enabled after a long time, please re-switch from Station Mode to AP Mode ,if not successful ,please restart the computer.

Q2: ICS is already bound by another network device.

A2: Microsoft ICS service can only combine one group of WAN and LAN. This message indicates ICS may have been enabled by other network adapters. Please manually cancel ICS and re-switch to AP mode.



Manually enable or cancel ICS.

Q3: Failed to enable ICS.

A3: Microsoft ICS service can only combine one group of WAN and LAN. This message indicates ICS may have been enabled by other network adapters.

1. Please manually cancel or restart and cancel ICS, then re-switch to AP mode.

2. This dialogue box appears because virtual wi-fi miniport adapter can only be used by one wireless network adapter at a time. Please disable any other non-Monoprice wireless network adapters and re-switch to AP mode.

Q4: Under Windows 7, when I switch from station mode to AP mode, the screen flashes “Disabling ICS, please wait……” and immediately return to station screen.

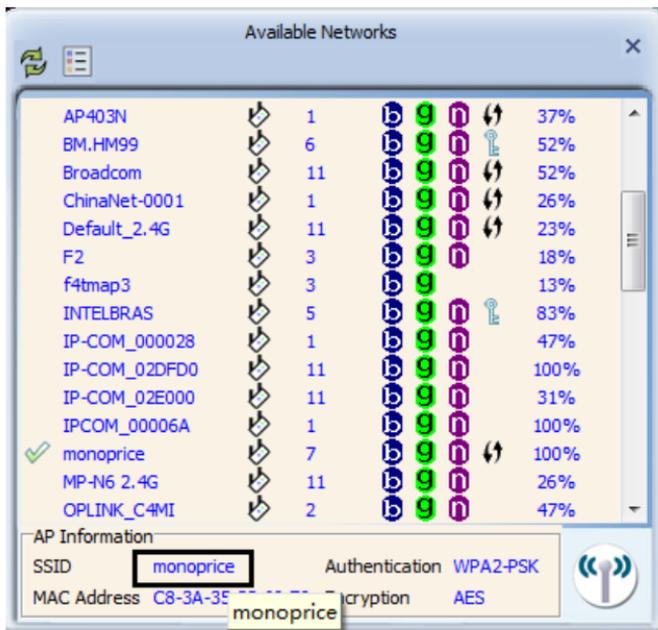
A4: This is because you have disabled “Microsoft Virtual WiFi Miniport Adapter”, please re-enable it and then switch to AP mode.

Q5: Client cannot obtain IP when connected to soft AP of the wireless network adapter.

A5: Manually set an IP address at the same net segment as that of the AP and the gateway and DNS at the IP address of AP. Thus, communication can be achieved.

Q6: The SSID is not fully displayed on the wireless network list, what should I do?

A6: Keep the mouse on the displayed SSID for about 2 seconds, as the below picture shows, and you'll see the full SSID on the appearing box.



Q7: Under Windows 2000 system, IP address can not be obtained when it is switched to AP Mode.

A7: Under Windows 2000 system, you have to manually configure sharing and then switch to AP. And an IP address of 192.168.0.1 will be obtained.

If you still have any problem, please contact our customer service or visit our website: <http://www.monoprice.com>

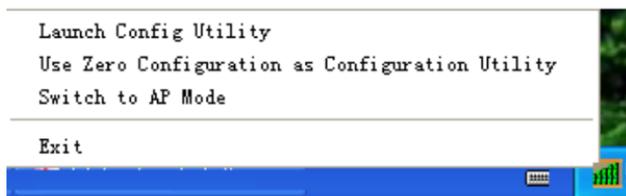
Q8: Sometimes the UI can not be moved by the mouse and also can not be minimized, why?

A8: when you are performing some configurations or

connections ,the UI only activates the currently operating window,other windows are locked and can not be operated,but it will restore to normal when you close or finish the current configuration and connection .

Q9: How to exit the UI?

A9: Right click the system tray icon and click "Exit" on the appearing dialog.



Appendix 5 :Regulatory Information



FCC Statement

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.

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.

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.

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

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

NOTE:

(1)The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

(2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.



CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures. This device complies with EU 1999/5/EC.

NOTE:

(1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

(2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

"The product can be used without restrictions in the following countries: all EU member states except France and Norway.

The product can be used with limitations in the following countries: France (for indoor use only) and Norway (20 km in the center of Ny-Llesund)."