

Router R130g

Broadband Router

Quick Setup Guide V1.0



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FCC Regulation and Rules

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 or more 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 equipment complies with FCC radiation exposure limits set forth for this an uncontrolled environment. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Part 15.19

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

Part 15.21

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Part 15.105

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

§ 2.1077 Compliance information.

(a) If a product must be tested and authorized under a Declaration of Conformity, a compliance information statement shall be supplied with the product at the time of marketing or importation, containing the following information:

- (1) Identification of the product, e.g., name and model number;
- (2) A statement, similar to that contained in § 15.19(a)(3) of this chapter, that the product complies with part 15 of this chapters; and
- (3) The identification, by name, address and telephone number, of the responsible party, as defined in §2.909. The responsible party for a Declaration of Conformity must be located within the United States.

(b) If a product is assembled from modular components that, by themselves, are authorized under a Declaration of Conformity and/or a grant of certification, and the assembled product is also subject to authorization under a Declaration of Conformity but, in accordance with the applicable regulations, does not require additional testing, the product shall be supplied, at the time of marketing or importation, with a compliance information statement containing the following information:

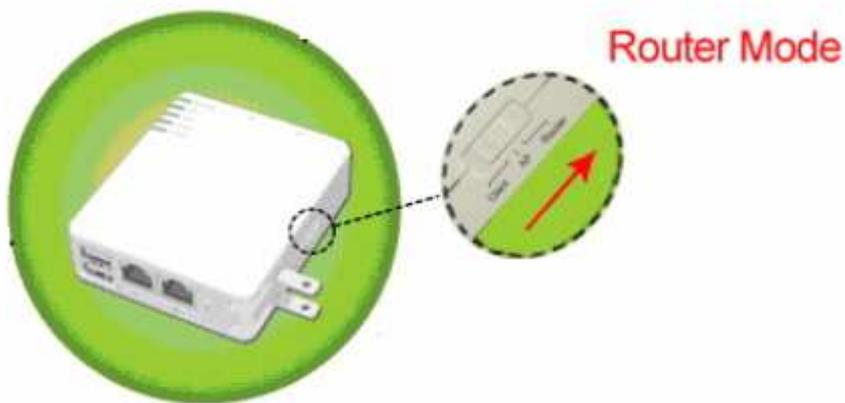
- (1) Identification of the assembled product, e.g., name and model number.
- (2) Identification of the modular components used in the assembly. A modular component authorized under a Declaration of Conformity shall be identifier as specified in paragraph (a)(1) of this section. A modular component authorized under a grant of certification shall be identified by name and model number(if applicable)along with the FCC Identifier number.
- (3) A statement that the product complies with part 15 of this chapter.
- (4) The identification, by name, address and telephone number, of the responsible party who assembled the product from modular components, as defined in § 2.909. The responsible party for a Declaration of Conformity must be located within the Unit States.
- (5) Copies of the compliance information statements for each modular component used in the system that is authorized under a Declaration of Conformity.

(c) The compliance information statement shall be included in the user's manual or as a separate sheet.

Chapter 1 Navi R130g's Router Mode Quick Setup

1.1 Router Mode's Quick Setup Instruction

Please switch the slide to "Router Mode" as the below instruction:



Then please open a Microsoft Internet Explorer, and enter <http://192.168.100.1> (Default Gateway) into browser's blank, then you will see the configuration page below:



Please input in the blanks, the factory default values for User Name and Password are "admin" and "admin" (all in lowercase letters); after inputting, please click on "OK" to enter the homepage as below:

WLAN Broadband Router

Router Home:

- Quick Setup
- IP Config
- Wireless
 - Basic Settings
 - Advanced Settings
 - Security
 - Access Control
 - WDS settings
- Firewall
 - Port Filtering
 - IP Filtering
 - MAC Filtering
 - Port Forwarding
 - URL Filtering
 - DMZ
- System Management
 - Change Password
 - Firmware Upgrade
 - Profiles Save
 - Time Zone Setting
- Log & Status
- Logout

Router Quick Setup

The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step.

Welcome to Setup Wizard.

The Wizard will guide you the through following steps. Begin by clicking on Next.

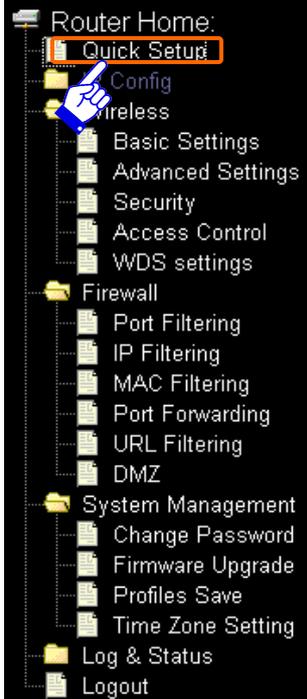
1. Choose your Time Zone
2. Setup LAN Interface
3. Setup WAN Interface
4. Wireless LAN Setting
5. Wireless Security Setting

[Next>>](#)

1.2 The Introduction of Router mode's Quick Setup

After you go to the main page of "**Router Quick Setup**", please click on "Next" right side below, and go to the next page to do each setting step by step:

WLAN Broadband Router



Router Quick Setup

The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step.

Welcome to Setup Wizard.

The Wizard will guide you the through following steps. Begin by clicking on Next.

1. Choose your Time Zone
2. Setup LAN Interface
3. Setup WAN Interface
4. Wireless LAN Setting
5. Wireless Security Setting

[Next >](#)

1.2.1 Time Zone Setting

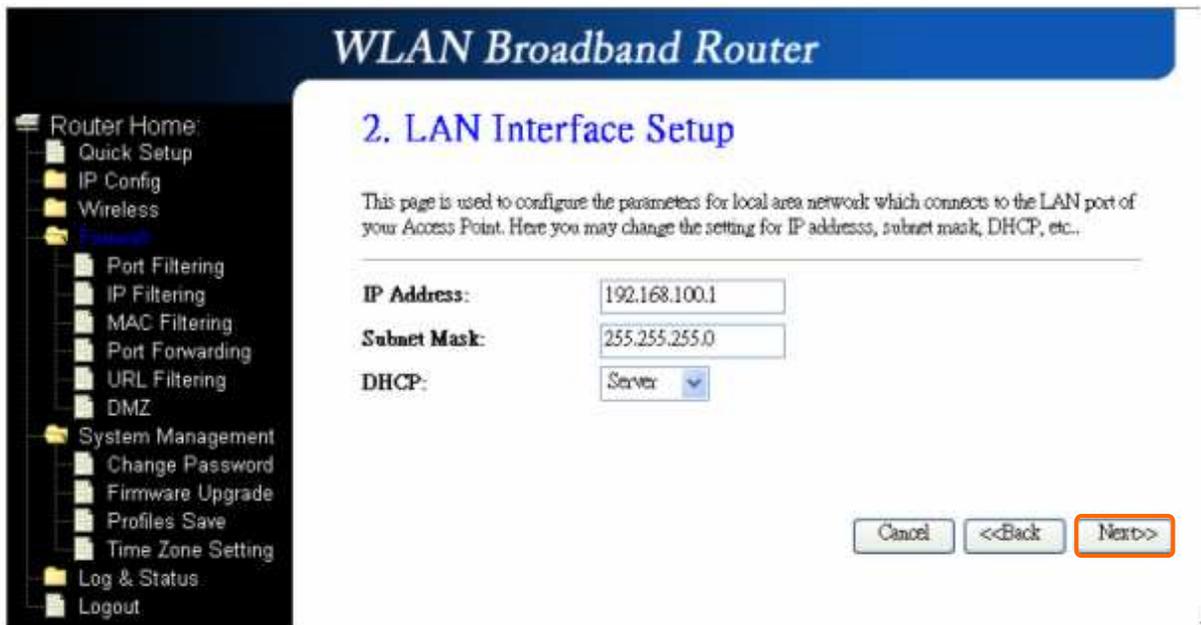
The section provides to change the Time. However, change the router's date and time does not affect the date and time on your PCs.

The screenshot shows the configuration interface for a WLAN Broadband Router. On the left is a navigation menu with categories like Router Home, Firewall, System Management, and Log & Status. The 'Time Zone Setting' option is highlighted. The main content area is titled '1. Time Zone Setting' and includes a sub-header: 'You can maintain the system time by synchronizing with a public time server over the Internet.' Below this, there is a checked checkbox for 'Enable NTP client update'. Two dropdown menus are present: 'Time Zone Select' (currently set to '(GMT+08:00)Taipei') and 'NTP server' (currently set to '192.5.41.41 - North America'). A red arrow points from a red-bordered box containing the text 'Please select your time Zone' to the 'Time Zone Select' dropdown. At the bottom right, there are three buttons: 'Cancel', '<<Back', and 'Next>>', with the 'Next>>' button highlighted with an orange border.

Please click on "**Next**" button to connect to next step.

1.2.2 LAN Interface Setup

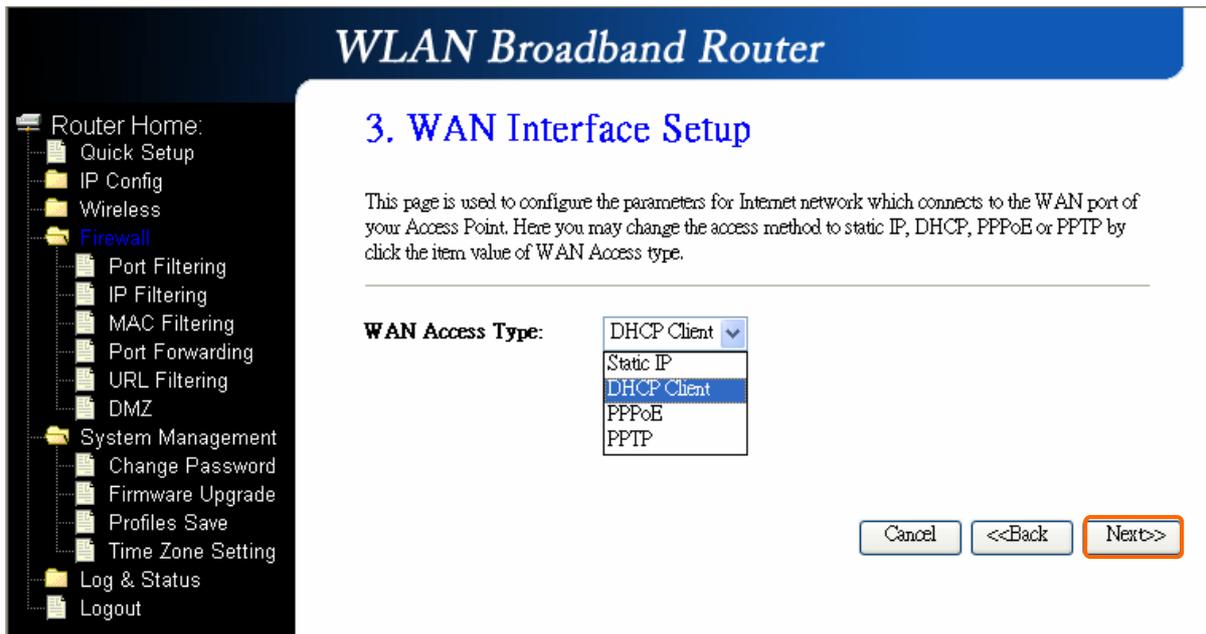
If you are using the Mini Router with multiple PCs on your LAN, please set up this function for multiple users to connect it. The default LAN IP for R130g is 192.168.100.1.



Please click on "**Next**" button to connect to next step.

1.2.3 WAN Interface Setup

R130g supports 4 connection types to WAN, select one of the WAN connection modes required by your ISP in below "WAN Access Type" page, the WAN setting pages will differ depending on what kind of WAN Type you select.

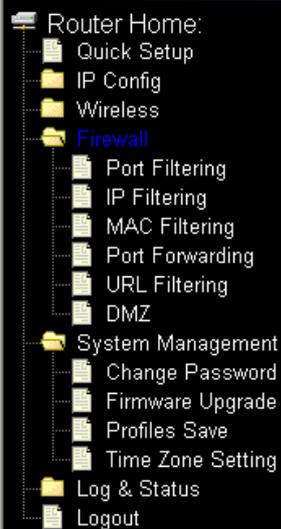


Please click on "**Next**" button to connect to next step.

1.2.3.1 WAN Interface Setup–Static IP

Choose Static IP Address if all WAN IP information is provided to you by your ISP. R330g will not accept the IP address if it is not in this format, and the blanks of "IP Address", "Subnet Mask" and "Default Gateway" must be input.

WLAN Broadband Router



3. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type:

IP Address: → **Input the data provided by ISP**

Subnet Mask: → **Input the data provided by ISP**

Default Gateway: → **Input the data provided by ISP**

DNS :

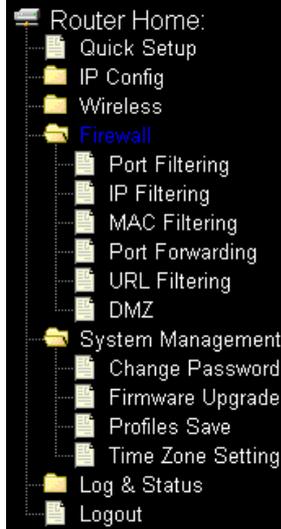
DNS also needs to be inputted , otherwise you can use the domain name.

Please click on "**Next**" button to connect to next step.

1.2.3.2 WAN Interface Setup– DHCP Client

Choose DHCP Client to obtain IP address information automatically from your ISP. Select this option if your ISP does not give you any IP numbers to use.

WLAN Broadband Router



3. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type:

Please click on "**Next**" button to connect to next step.

1.2.3.3 WAN Interface Setup– PPPoE

If your ISP uses PPPoE connection, your ISP will provide you with a username and password.

WLAN Broadband Router

- Router Home:
- Quick Setup
- IP Config
- Wireless
- Firewall
 - Port Filtering
 - IP Filtering
 - MAC Filtering
 - Port Forwarding
 - URL Filtering
 - DMZ
- System Management
 - Change Password
 - Firmware Upgrade
 - Profiles Save
 - Time Zone Setting
- Log & Status
- Logout

3. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type:

User Name:

Password:

Please click on "**Next**" button to connect to next step.

1.2.3.4 WAN Interface Setup– PPTP

Some DSL service providers supply a special DSL modem in Europe or Big Pond Cable in Australia. This kind of modem only supports the PPTP tunnel to access the Internet; Please enter the account's information of Account and Password

which provided by your ISP.

The screenshot shows the configuration interface for a WLAN Broadband Router. On the left is a navigation menu with categories like Router Home, Quick Setup, IP Config, Wireless, Firewall, System Management, and Log & Status. The main area is titled '3. WAN Interface Setup' and contains a descriptive paragraph and a form with fields for WAN Access Type, IP Address, Subnet Mask, Server IP Address, User Name, and Password. A red bracket highlights the IP Address, Server IP Address, and Subnet Mask fields, with a red arrow pointing to a note: 'IP Address, Server IP Address and Subnet Mask are all input as necessary.' At the bottom right are buttons for Cancel, <<Back, and Next>>.

WLAN Broadband Router

3. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type: PPTP

IP Address: 172.1.1.2

Subnet Mask: 255.255.255.0

Server IP Address: 172.1.1.1

User Name:

Password:

IP Address, Server IP Address and Subnet Mask are all input as necessary.

Cancel <<Back Next>>

Please click on "Next" button to connect to next step.

1.2.4 Wireless Basic Settings

The first step of setting up the “Wireless Basic Settings” is to give a name for SSID, herewith the default name of SSID is **Navi_R130g**, it’s suggested to use.

The screenshot shows the configuration interface for a WLAN Broadband Router. On the left is a navigation menu with categories like Router Home, IP Config, Wireless, Firewall, and System Management. The main content area is titled "4. Wireless Basic Settings" and contains a description: "This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point." Below this are several configuration fields: "Band" set to "2.4 GHz (B)", "Mode" set to "AP", "Network Type" set to "Infrastructure", "SSID" set to "Navi_R130g", and "Channel Number" set to "11". There is an unchecked checkbox for "Enable Mac Clone (Single Ethernet Client)". At the bottom right are three buttons: "Cancel", "<<Back", and "Next>>". Red arrows point to the "Mode" dropdown and the "SSID" text box with the text "Select the suitable item for you to use." and "It's suggested to use." respectively.

WLAN Broadband Router

4. Wireless Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point.

Band: 2.4 GHz (B) ▼

Mode: AP ▼ → **Select the suitable item for you to use.**

Network Type: Infrastructure ▼

SSID: Navi_R130g → **It's suggested to use.**

Channel Number: 11 ▼

Enable Mac Clone (Single Ethernet Client)

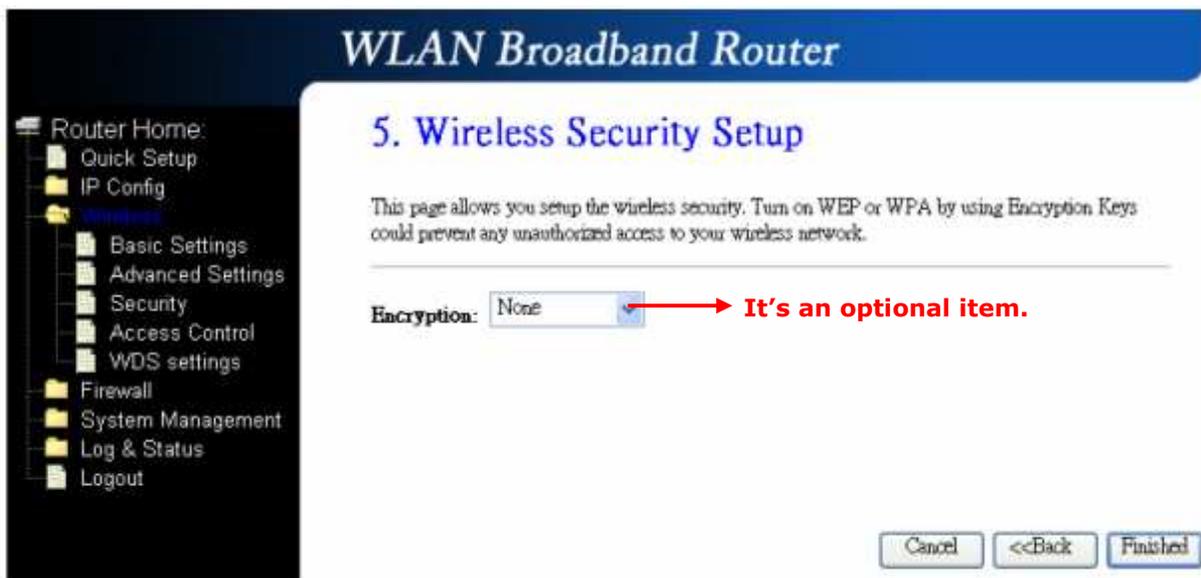
Cancel <<Back **Next>>**

Please click on “**Next**” button to connect to next step.

1.2.5 Wireless Security Setup

The "Encryption" item of "Wireless Security Setup" is optional; which means you can choose it under your demand, herewith it's divided into two categories of "WEP" and "WPA", if you want to protect your transmitting data; you can select it depended on the level of your request.

Please follow the instruction below to complete "Wireless Security Setup".



a. Wireless—WEP mode

After you select "WEP", you will see the picture below:

WLAN Broadband Router

- Router Home:
- Quick Setup
- IP Config
- Wireless
- Firewall
- System Management
- Log & Status
- Logout

5. Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption:

Key Length: **It has low level (64-bit) and high level (128-bit).**

Key Format: **It has "10 characters" and "26 characters"; it will be listed under your selection is low level (64-bit) or high level (128-bit).**

Default Tx Key:

Encryption Key 1:

Encryption Key 2:

Encryption Key 3:

Encryption Key 4:

No matter if you selection is either 10 or 26 hexadecimal digits (0~9, a~f, and A~F) in the pull-down menu bar of "Key Format"; it will be based on whether you select 64-bits or 128-bits in the "Key Length" pull-down menu. After you select it, there will be 4 "Encryption Keys" generated automatically; please input it with data, such as: WEP-64bit key: 10 hexadecimal digits (0~9, a~f, and A~F). WEP-128bit key: 26 hexadecimal digits (0~9, a~f, and A~F). As for the "Default Tx key", it lets you specify which of the four encryption keys you use to transmit the data on your wireless LAN.

b. Wireless—WPA mode

The WPA mode is recommended when you want to have better security. Once the WPA mode is used, the authentication methods of "TKIP" and "AES" will be applied.

WPA (TKIP):

It stands for Temporal Key Integrity Protocol (TKIP), TKIP will verify the security configuration after your encryption keys are determined.

WPA2 (AES):

It stands for Advanced Encryption Standard (AES), it is a symmetric 128-bit block data technique, which it works simultaneously on differently multiple network layers.

WLAN Broadband Router

- Router Home:
- Quick Setup
- IP Config
- Wireless
- Firewall
- System Management
- Log & Status
- Logout

5. Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption: **Please select it under your demand**

Pre-Shared Key Format: **Select it by your request**

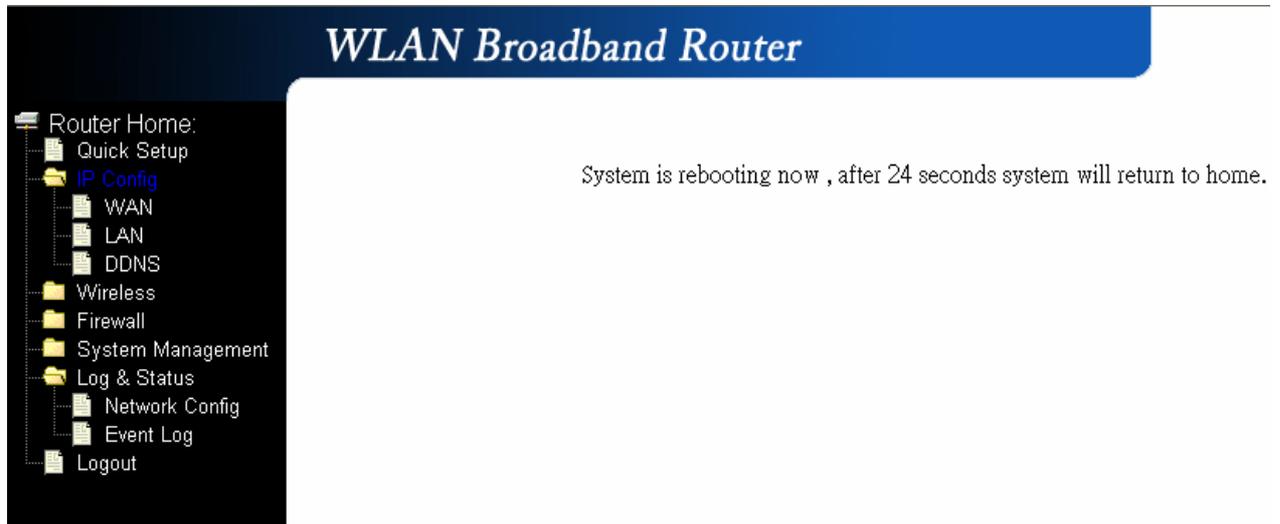
Pre-Shared Key:

Please input it as necessary

After setting up, please click on **Finished** button to connect to next step.

1.2.6 Quick Setup Finish

The Quick Setup has been completed successfully when you see this screen.

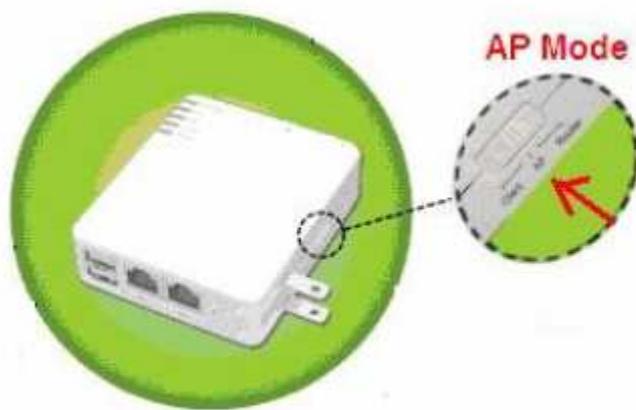


The system will be rebooting automatically and goes to the Product's Diagram Homepage after 60 seconds.

Chapter 2 AP Mode's Quick Setup

2.1 AP mode's Configuration

Please switch the slide to "AP Mode" as the below instruction:



Then please open a Microsoft Internet Explorer, and enter <http://192.168.100.1> (Default Gateway) into browser's blank, then you will see the configuration page below:

A screenshot of a Windows dialog box titled "Connect to 192.168.100.1". The dialog box contains a "Wireless Access Point" section with a "User name:" label and a dropdown menu, a "Password:" label and a text input field, and a checkbox labeled "Remember my password". The "User name:" dropdown menu is currently set to "admin". The "Password:" text input field is empty. The "Remember my password" checkbox is unchecked. There are "OK" and "Cancel" buttons at the bottom of the dialog box.

Please input in the blanks, the factory default values for User Name and Password are "**admin**" and "**admin**" (all in lowercase letters); after inputting, please click on "OK" to enter the homepage as below:

WLAN Broadband Router

- AP Home:
 - Quick Setup
 - IP Config
 - LAN
 - Wireless
 - Basic Settings
 - Advanced Settings
 - Security
 - Access Control
 - WDS settings
 - System Management
 - Change Password
 - Firmware Upgrade
 - Profiles Save
 - Time Zone Setting
 - Log & Status
 - Logout

AP Quick Setup

The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step.

Welcome to Setup Wizard.

The Wizard will guide you the through following steps. Begin by clicking on Next.

1. Choose your Time Zone
2. Setup LAN Interface
3. Wireless LAN Setting
4. Wireless Security Setting

Next>>

2.2 The Introduction of AP mode's Quick Setup

After you go to the main page of **"AP Quick Setup"**, please click on "Next" right side below, and go to the next page to do each setting step by step:

WLAN Broadband Router

- AP Home:
 - Quick Setup
 - IP Config
 - LAN
 - Wireless
 - Basic Settings
 - Advanced Settings
 - Security
 - Access Control
 - WDS settings
 - System Management
 - Change Password
 - Firmware Upgrade
 - Profiles Save
 - Time Zone Setting
 - Log & Status
 - Logout

AP Quick Setup

The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step.

Welcome to Setup Wizard.

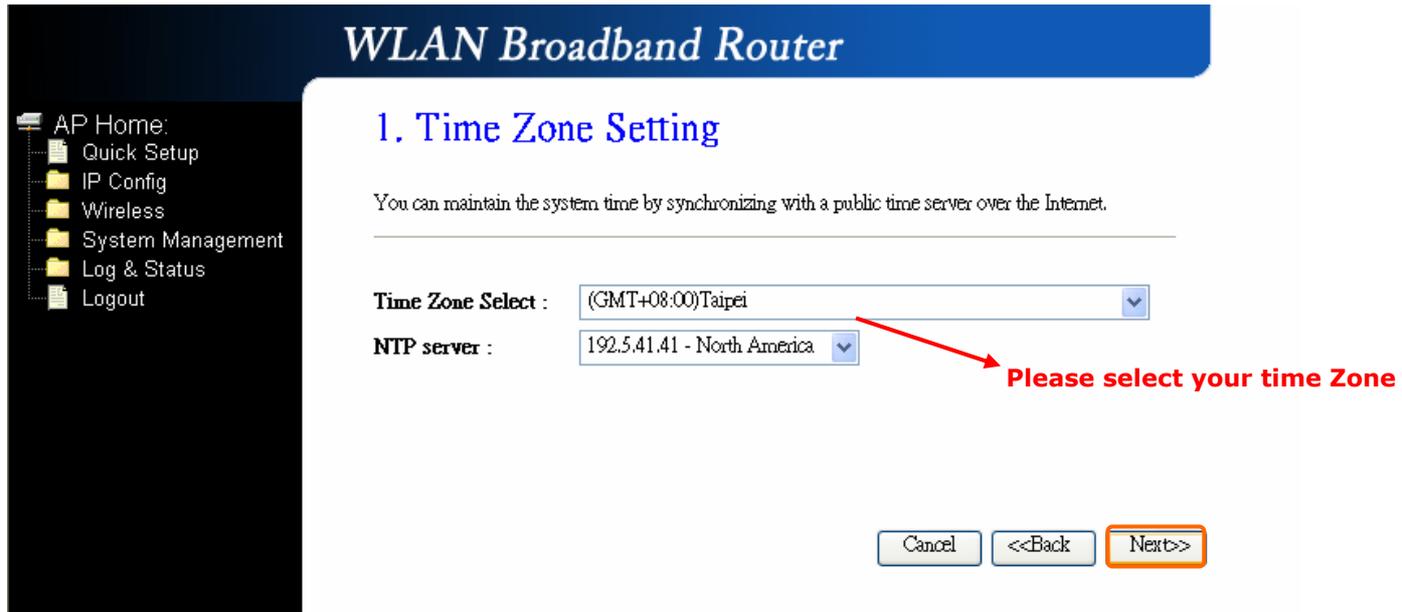
The Wizard will guide you the through following steps. Begin by clicking on Next.

1. Choose your Time Zone
2. Setup LAN Interface
3. Wireless LAN Setting
4. Wireless Security Setting

Next>>

2.2.1 Time Zone Setting

The section provides to change the Time. However, change the router's date and time does not affect the date and time on your PCs.



The screenshot shows the configuration interface for a WLAN Broadband Router. The page title is "WLAN Broadband Router". The main heading is "1. Time Zone Setting". Below the heading, there is a sub-heading "1. Time Zone Setting" and a paragraph: "You can maintain the system time by synchronizing with a public time server over the Internet." There are two dropdown menus: "Time Zone Select" with the value "(GMT+08:00)Taipei" and "NTP server" with the value "192.5.41.41 - North America". A red arrow points from the "Time Zone Select" dropdown to the text "Please select your time Zone". At the bottom right, there are three buttons: "Cancel", "<<Back", and "Next>>". The "Next>>" button is highlighted with a yellow border.

Please click on "**Next**" button to connect to next step.

2.2.2 LAN Interface Setup

If you are using the Mini Router with multiple PCs on your LAN, please set up this function for multiple users to connect it. The default LAN IP for R130g is 192.168.100.1.

The screenshot shows the configuration interface for a WLAN Broadband Router. On the left is a navigation menu with the following items: AP Home, Quick Setup, IP Config (expanded), LAN (selected), Wireless, Basic Settings, Advanced Settings, Security, Access Control, WDS settings, System Management, Change Password, Firmware Upgrade, Profiles Save, Time Zone Setting, Log & Status, and Logout. The main content area is titled "2. LAN Interface Setup" and includes a descriptive paragraph: "This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP address, subnet mask, DHCP, etc..". Below this are three configuration fields: "IP Address:" with the value "192.168.100.1", "Subnet Mask:" with the value "255.255.255.0", and "DHCP:" with a dropdown menu set to "Client". A red arrow points from the text "The default data is suggested to use." to the IP address field. At the bottom right, there are three buttons: "Cancel", "<<Back", and "Next>>". The "Next>>" button is highlighted with an orange border.

Please click on "**Next**" button to connect to next step.

2.2.3 Wireless Basic Settings

The first step of setting up the “Wireless Basic Settings” is to give a name for SSID, herewith the default name of SSID is **Navi_R130g**, it’s suggested to use.

The screenshot shows the configuration interface for a WLAN Broadband Router. The page title is "WLAN Broadband Router" and the section is "3. Wireless Basic Settings". A navigation menu on the left includes "AP Home:", "Quick Setup", "IP Config", "Wireless", "System Management", "Log & Status", and "Logout". The main content area contains a description: "This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point." Below this are several configuration fields: "Band:" with a dropdown menu set to "2.4 GHz (B)", "Mode:" with a dropdown menu set to "AP", "Network Type:" with a dropdown menu set to "Infrastructure", "SSID:" with a text input field containing "Navi_R130g", and "Channel Number:" with a dropdown menu set to "11". There is an unchecked checkbox labeled "Enable Mac Clone (Single Ethernet Client)". At the bottom right, there are three buttons: "Cancel", "<<Back", and "Next>>". Red arrows point from the text "Select the suitable item for you to use." to the Band dropdown and from "It's suggested to use" to the SSID text field.

WLAN Broadband Router

3. Wireless Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point.

Band: 2.4 GHz (B) → **Select the suitable item for you to use.**

Mode: AP

Network Type: Infrastructure

SSID: Navi_R130g → **It's suggested to use**

Channel Number: 11

Enable Mac Clone (Single Ethernet Client)

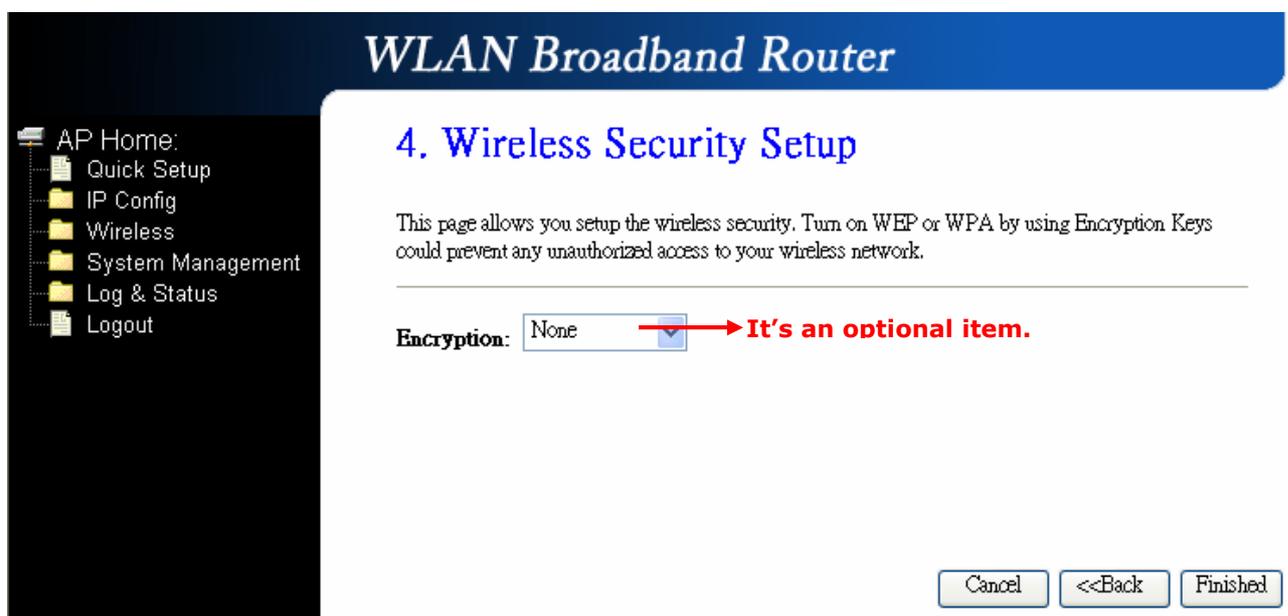
Cancel <<Back **Next>>**

Please click on “**Next**” button to connect to next step.

2.2.4 Wireless Security Setup

The “Encryption” item of “Wireless Security Setup” is optional; which means you can choose it under your demand, herewith it’s divided into two categories of “WEP” and “WPA”, if you want to protect your transmitting data; you can select it depended on the level of your request.

Please follow the instruction below to complete “Wireless Security Setup”.



a. Wireless—WEP mode

After you select “WEP”, you will see the picture below:

WLAN Broadband Router

- AP Home:
- Quick Setup
- IP Config
- Wireless
- System Management
- Log & Status
- Logout

4. Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption:

Key Length: **It has low level (64-bit) and high level (128-bit).**

Key Format: **It has "10 characters" and "26 characters"; it will be listed under your selection is low level (64-bit) or high level (128-bit).**

Default Tx Key:

Encryption Key 1:

Encryption Key 2:

Encryption Key 3:

Encryption Key 4:

No matter if you selection is either 10 or 26 hexadecimal digits (0~9, a~f, and A~F) in the pull-down menu bar of "Key Format"; it will be based on whether you select 64-bits or 128-bits in the "Key Length" pull-down menu. After you select it, there will be 4 "Encryption Keys" generated automatically; please input it with data, such as: WEP-64bit key: 10 hexadecimal digits (0~9, a~f, and A~F). WEP-128bit key: 26 hexadecimal digits (0~9, a~f, and A~F). As for the "Default Tx key", it lets you specify which of the four encryption keys you use to transmit the data on your wireless LAN.

b. Wireless—WPA mode

The WPA mode is recommended when you want to have better security. Once the WPA mode is used, the authentication methods of "TKIP" and "AES" will be applied.

WPA (TKIP):

It stands for Temporal Key Integrity Protocol (TKIP), TKIP will verify the security configuration after your encryption keys are determined.

WPA2 (AES):

It stands for Advanced Encryption Standard (AES), it is a symmetric 128-bitblock data technique, which it works simultaneously on differently multiple network layers.

WLAN Broadband Router

- AP Home:
- Quick Setup
- IP Config
- Wireless
- System Management
- Log & Status
- Logout

4. Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption: **→ Please select it under your demand**

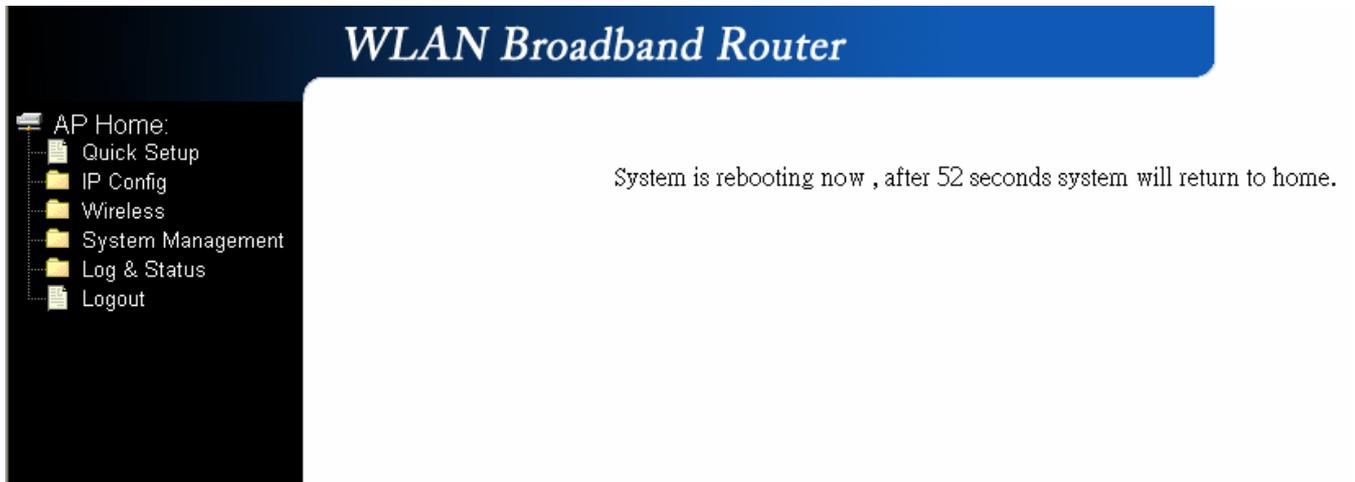
Pre-Shared Key Format: **→ Select it by your request**

Pre-Shared Key: **→ Please input it as necessary**

After setting up, please click on **Finished** button to connect to next step.

2.2.5 Quick Setup Finish

The Quick Setup has been completed successfully when you see this screen.

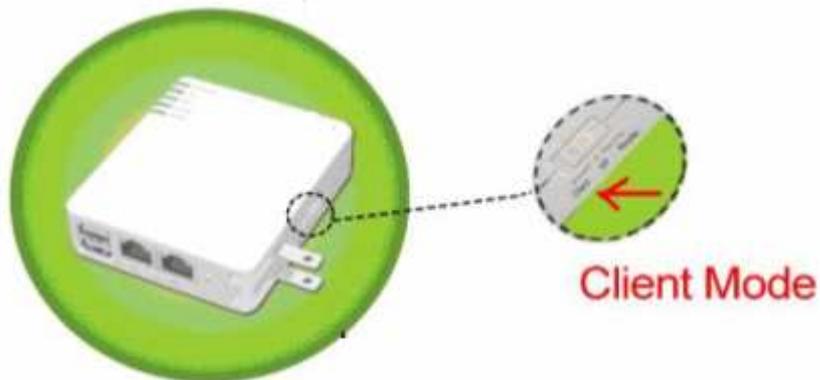


The system will be rebooting automatically and goes to the Product's Diagram Homepage after 60 seconds.

Chapter 3 Client Mode's Quick Setup

3.1 Client Mode's Quick Setup Instruction

Please switch the slide to "Client Mode" as the below instruction:



Please open a Microsoft Internet Explorer, and enter <http://192.168.100.1> (Default Gateway) into browser's blank, then you will see the configuration page below:

A screenshot of a Windows dialog box titled "Connect to 192.168.100.1". The dialog box has a blue header bar with a question mark and close button. Below the header is a blue banner with a key icon. The main area is light beige and contains the following elements:

- The text "Wireless Access Point" is centered.
- A "User name:" label is followed by a dropdown menu containing a user icon and a downward arrow.
- A "Password:" label is followed by a text input field.
- A checkbox labeled "Remember my password" is located below the password field.
- At the bottom, there are two buttons: "OK" and "Cancel".

An orange rectangular box highlights the "User name" dropdown and the "Password" input field.

Please input in the blanks, the factory default values for User Name and Password are "admin" and "admin" (all in lowercase letters); after inputting, please click on "OK" to enter the Homepage as below:

The screenshot shows the web interface of a WLAN Broadband Router. At the top, a blue header contains the text "WLAN Broadband Router". On the left side, there is a dark sidebar with a "Client Home:" section containing several menu items: "Quick Setup", "IP Config", "Wireless", "System Management", "Log & Status", and "Logout". The main content area is white and features the title "Client Quick Setup" in blue. Below the title, a paragraph states: "The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step." A horizontal line separates this text from the next section, which begins with "Welcome to Setup Wizard." followed by the instruction: "The Wizard will guide you the through following steps. Begin by clicking on Next." Below this instruction is a numbered list of six steps: 1. Choose your Time Zone, 2. Setup LAN Interface, 3. Setup WAN Interface, 4. Wireless LAN Setting, 5. Wireless Security Setting, and 6. Wireless Site Survey Setting. In the bottom right corner of the main content area, there is a button labeled "Next>>" with a light blue border.

WLAN Broadband Router

Client Quick Setup

The setup wizard will guide you to configure access point for first time. Please follow the setup wizard step by step.

Welcome to Setup Wizard.

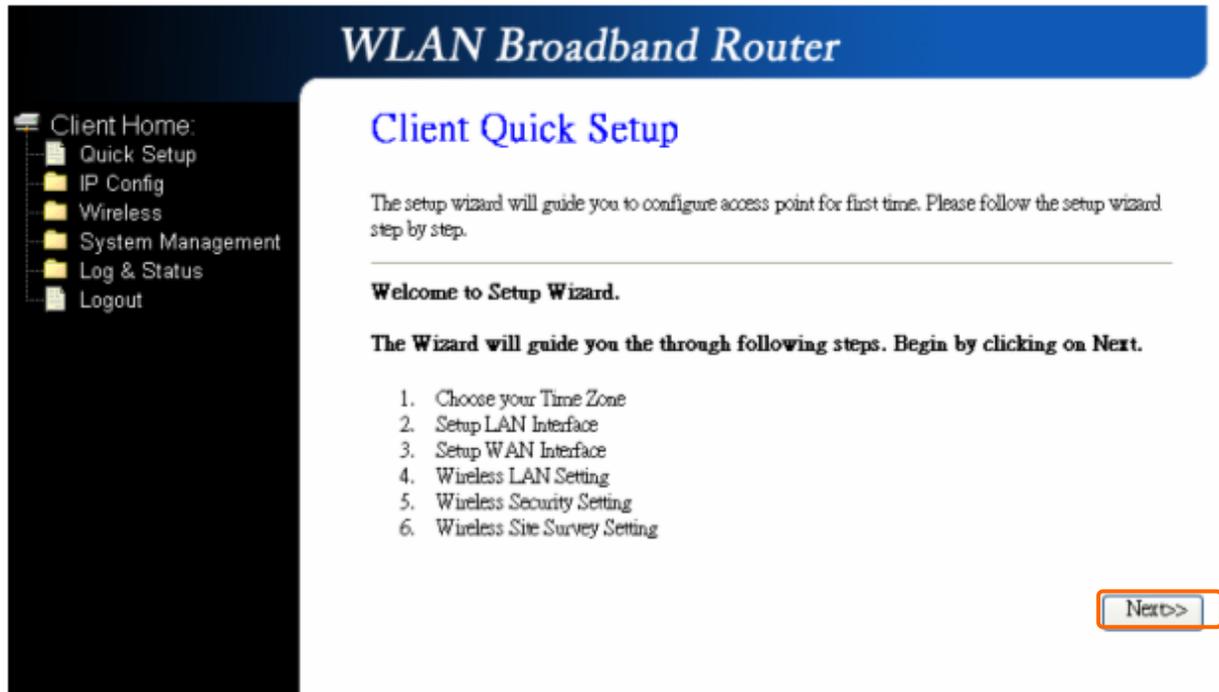
The Wizard will guide you the through following steps. Begin by clicking on Next.

1. Choose your Time Zone
2. Setup LAN Interface
3. Setup WAN Interface
4. Wireless LAN Setting
5. Wireless Security Setting
6. Wireless Site Survey Setting

Next>>

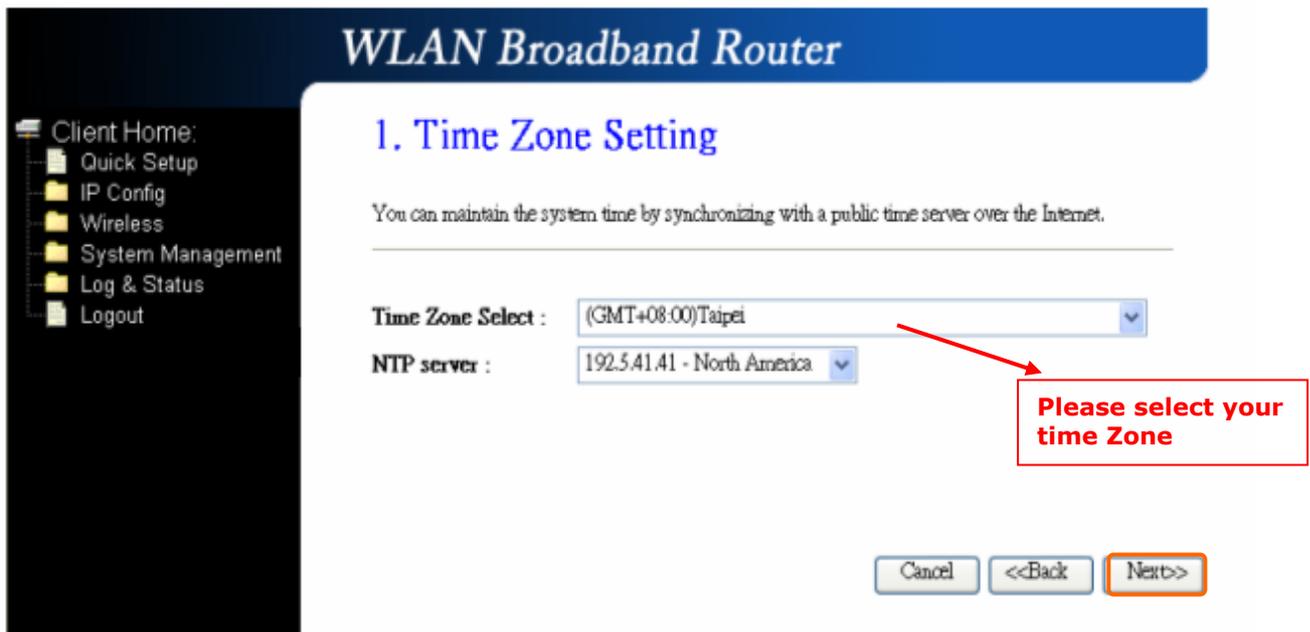
3.2 The Introduction of Client mode's Quick Setup

After you go to the main page of "Router Quick Setup", please click on "Next" right side below, and go to the next page to do each setting step by step:



3.2.1 Time Zone Setting

The section provides to change the Time. However, change the router's date and time does not affect the date and time on your PCs.



The screenshot shows the configuration interface for a WLAN Broadband Router. The page title is "WLAN Broadband Router" and the section is "1. Time Zone Setting". Below the title, there is a note: "You can maintain the system time by synchronizing with a public time server over the Internet." The configuration fields are:

- Time Zone Select :** A dropdown menu currently showing "(GMT+08:00)Taipei". A red arrow points to this dropdown with a callout box that says "Please select your time Zone".
- NTP server :** A dropdown menu currently showing "192.5.41.41 - North America".

At the bottom of the page, there are three buttons: "Cancel", "<<Back", and "Next>>". The "Next>>" button is highlighted with an orange border.

Please click on "**Next**" button to connect to next step.

3.2.2 LAN Interface Setup

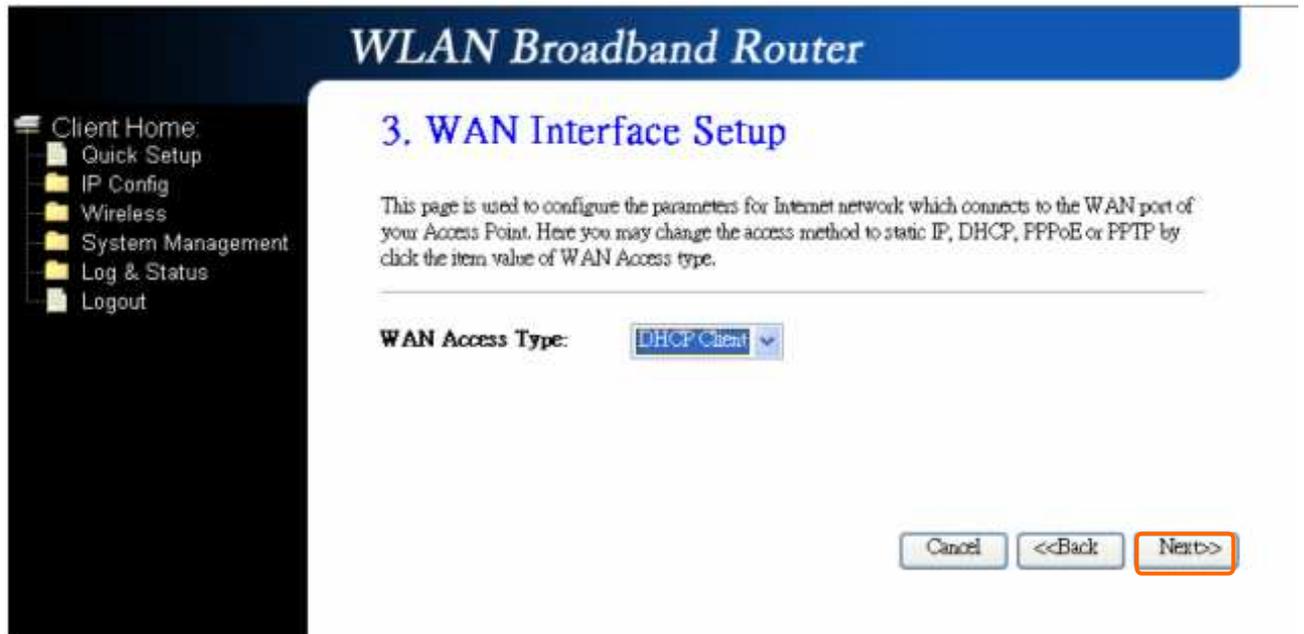
If you are using the Mini Router with multiple PCs on your LAN, please set up this function for multiple users to connect it. The default LAN IP for R130g is 192.168.100.1.

The screenshot shows the configuration interface for a WLAN Broadband Router. The page title is "WLAN Broadband Router" and the current section is "2. LAN Interface Setup". A sidebar on the left contains a navigation menu with the following items: Client Home, Operation Mode, Quick Setup, IP Config, Wireless, System Management, Log & Status, and Logout. The main content area contains a description: "This page is used to configure the parameters for local area network which connects to the LAN port of your Access Point. Here you may change the setting for IP addresss, subnet mask, DHCP, etc..". Below this description are three configuration fields: "IP Address" with the value "192.168.100.1", "Subnet Mask" with the value "255.255.255.0", and "DHCP" with a dropdown menu set to "Disabled". At the bottom right, there are three buttons: "Cancel", "<<Back", and "Next>>". The "Next>>" button is highlighted with a red border.

Please click on "**Next**" button to connect to next step.

3.2.3 WAN Interface Setup

R130g supports 4 connection types to WAN, select one of the WAN connection modes required by your ISP in below "WAN Access Type" page, the WAN setting pages will differ depending on what kind of WAN Type you select.



Please click on "**Next**" button to connect to next step.

3.2.3.1 WAN Interface Setup–Static IP

Choose Static IP Address if all WAN IP information is provided to you by your ISP. R130g will not accept the IP address if it is not in this format, and the blanks of "IP Address", "Subnet Mask" and "Default Gateway" must be input.

WLAN Broadband Router

3. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type: Static IP

IP Address: 172.1.1.1 **→ Input the data provided by ISP**

Subnet Mask: 255.255.255.0 **→ Input the data provided by ISP**

Default Gateway: 172.1.1.254 **→ Input the data provided by ISP**

DNS :

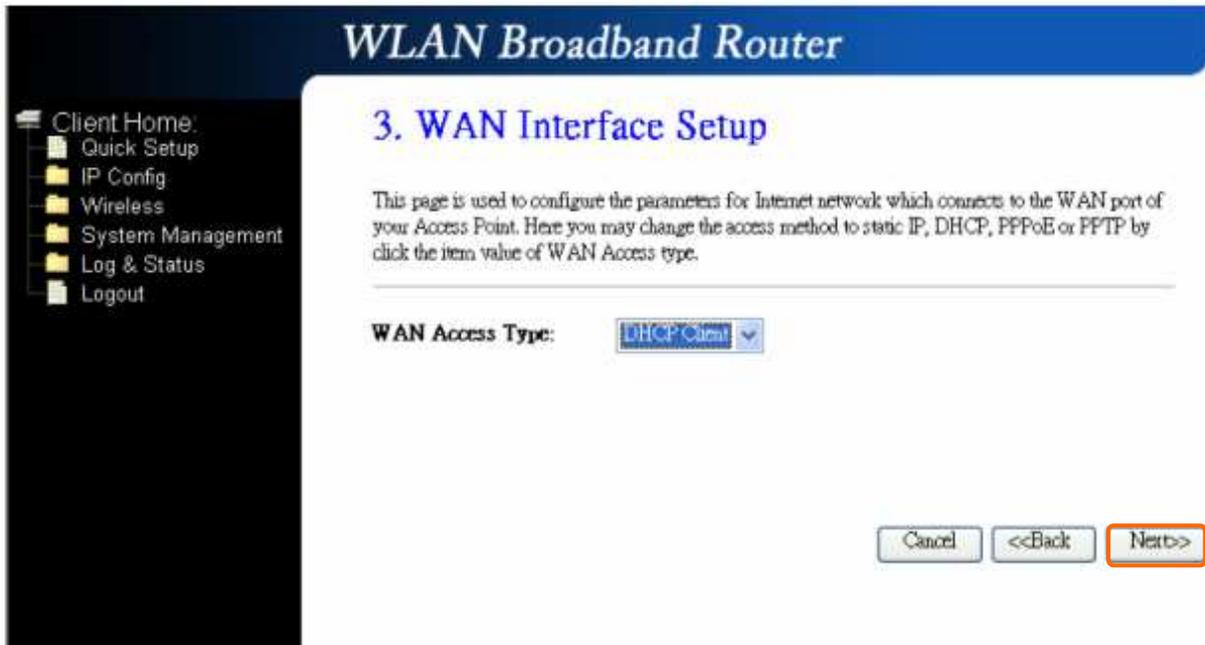
DNS also needs to be inputted, otherwise you can use the domain name.

Cancel <<Back **Next>>**

Please click on "**Next**" button to connect to next step.

3.2.3.2 WAN Interface Setup– DHCP Client

Choose DHCP Client to obtain IP address information automatically from your ISP. Select this option if your ISP does not give you any IP numbers to use.



Please click on "**Next**" button to connect to next step.

3.2.3.3 WAN Interface Setup– PPPoE

If your ISP uses PPPoE connection, your ISP will provide you with a username and password.

WLAN Broadband Router

3. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type:

User Name: → **Input it by your ISP provided.**

Password: → **Input it by your ISP provided.**

Please click on "**Next**" button to connect to next step.

3.2.3.4 WAN Interface Setup– PPTP

Some DSL service providers supply a special DSL modem in Europe or Big Pond Cable in Australia. This kind of modem only supports the PPTP tunnel to access the Internet; Please enter the account's information of Account and Password which provided by your ISP.

WLAN Broadband Router

3. WAN Interface Setup

This page is used to configure the parameters for Internet network which connects to the WAN port of your Access Point. Here you may change the access method to static IP, DHCP, PPPoE or PPTP by click the item value of WAN Access type.

WAN Access Type: PPTP

IP Address: 172.1.1.2

Subnet Mask: 255.255.255.0

Server IP Address: 172.1.1.1

User Name:

Password:

IP Address, Server IP Address and Subnet Mask are all input as necessary.

Cancel <<Back **Next>>**

Please click on **Next** button to connect to next step.

3.2.4 Wireless Basic Settings

This function is used to configure the wireless LAN clients which may connect to your Access Point; once you connect this Access Point successfully, this name will be listed automatically in the "SSID".

The screenshot shows the configuration interface for a WLAN Broadband Router. The page title is "4. Wireless Basic Settings". A sidebar on the left contains a menu with items: Client Home, Quick Setup, IP Config, Wireless, System Management, Log & Status, and Logout. The main content area has a blue header with the text "WLAN Broadband Router" and a sub-header "4. Wireless Basic Settings". Below the sub-header is a descriptive paragraph: "This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point." The configuration fields are: Band (2.4 GHz (B)), Mode (Client), Network Type (Infrastructure), SSID (NaviR120g), and Channel Number (11). There is an unchecked checkbox for "Enable Mac Clone (Single Ethernet Client)". At the bottom right, there are three buttons: "Cancel", "<<Back", and "Next>>". A red arrow points from the SSID field to the text "It's up to the Access Point of wireless LAN clients that you connect." The "Next>>" button is highlighted with an orange border.

Please click on "**Next**" button to connect to next step.

3.2.5 Wireless Security Setup

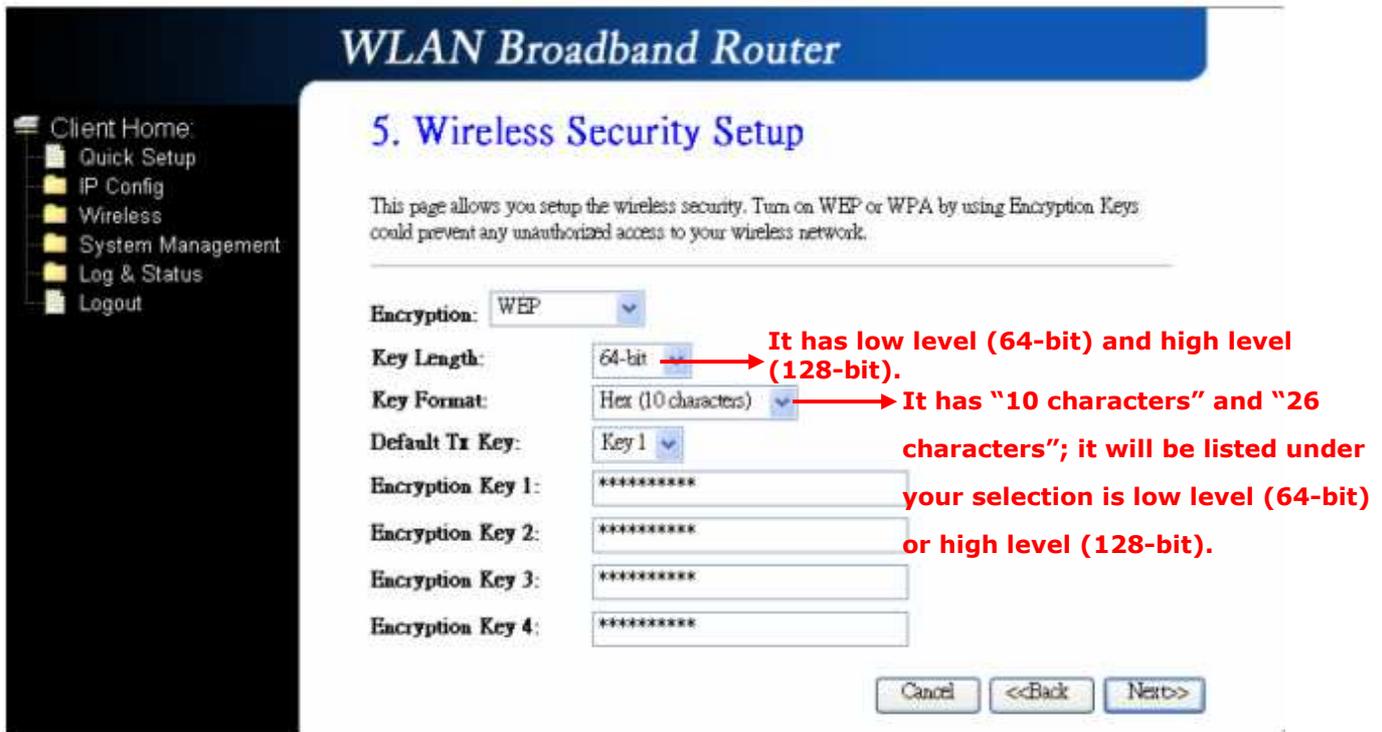
The "Encryption" item of "Wireless Security Setup" is optional; which means you can choose it under your demand, herewith it's divided into two categories of "WEP" and "WPA", if you want to protect your transmitting data; you can select it depended on the level of your request.

Please follow the instruction below to complete "Wireless Security Setup".



a. Wireless—WEP mode

After you select "WEP", you will see the picture below:



No matter if you selection is either 10 or 26 hexadecimal digits (0~9, a~f, and A~F) in the pull-down menu bar of "Key Format"; it will be based on whether you select 64-bits or 128-bits in the "Key Length" pull-down menu. After you select it, there will be 4 "Encryption Keys" generated automatically; please input it with data, such as: WEP-64bit key: 10 hexadecimal digits (0~9, a~f, and A~F). WEP-128bit key: 26 hexadecimal digits (0~9, a~f, and A~F). As for the "Default Tx key", it lets you specify which of the four encryption keys you use to transmit the data on your wireless LAN.

b. Wireless—WPA mode

The WPA mode is recommended when you want to have better security. Once the WPA mode is used, the authentication methods of "TKIP" and "AES" will be applied.

WPA (TKIP):

It stands for Temporal Key Integrity Protocol (TKIP), TKIP will verify the security configuration after your encryption keys are determined.

WPA2 (AES):

It stands for Advanced Encryption Standard (AES), it is a symmetric 128-bit block data technique, which it works simultaneously on differently multiple network layers.

WLAN Broadband Router

5. Wireless Security Setup

This page allows you setup the wireless security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized access to your wireless network.

Encryption: **→ Please select it under your demand**

Pre-Shared Key Format: **→ Select it by your request**

Pre-Shared Key: **→ Please input it as necessary**

After setting up, please click on **Next** button to connect to next step.

3.2.6 Wireless Site Survey Setting

This function provides you with scanning the wireless network; which means if any Access Point is found, you could choose to connect it manually when the client mode is enabled, and after you choose the desired Access Point; this name will be listed automatically in the "SSID" of "Wireless Basic Settings" page for you to check, please see the introduction below:

If you choose the "PM_Xin1_Router2" for the Access Point, and click on "**Next**" as below:

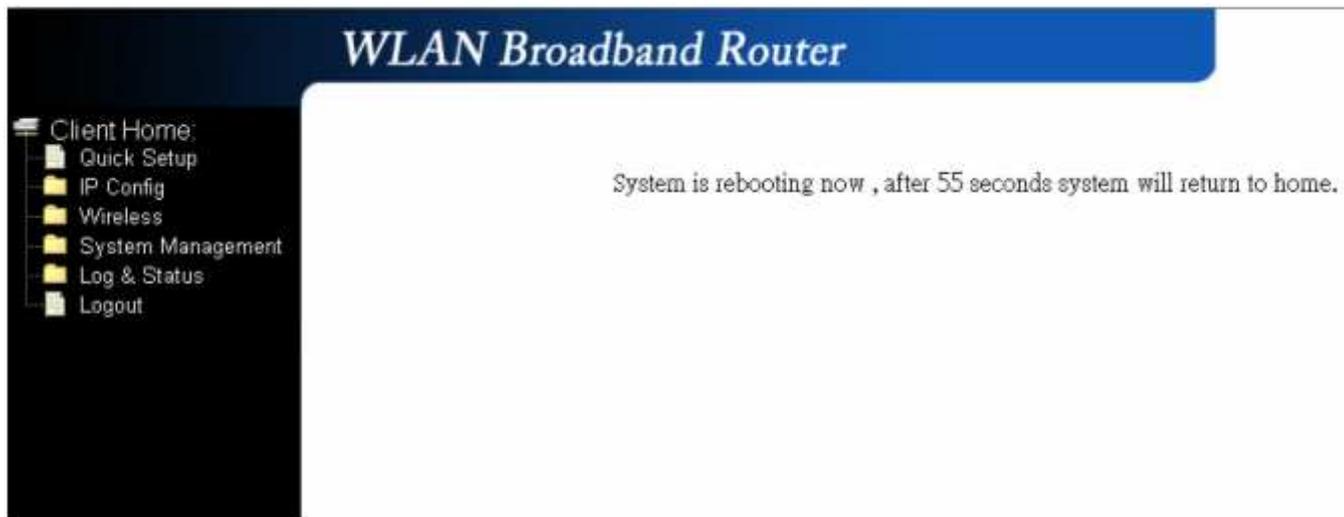
WLAN Broadband Router

6. Wireless Site Survey Setting

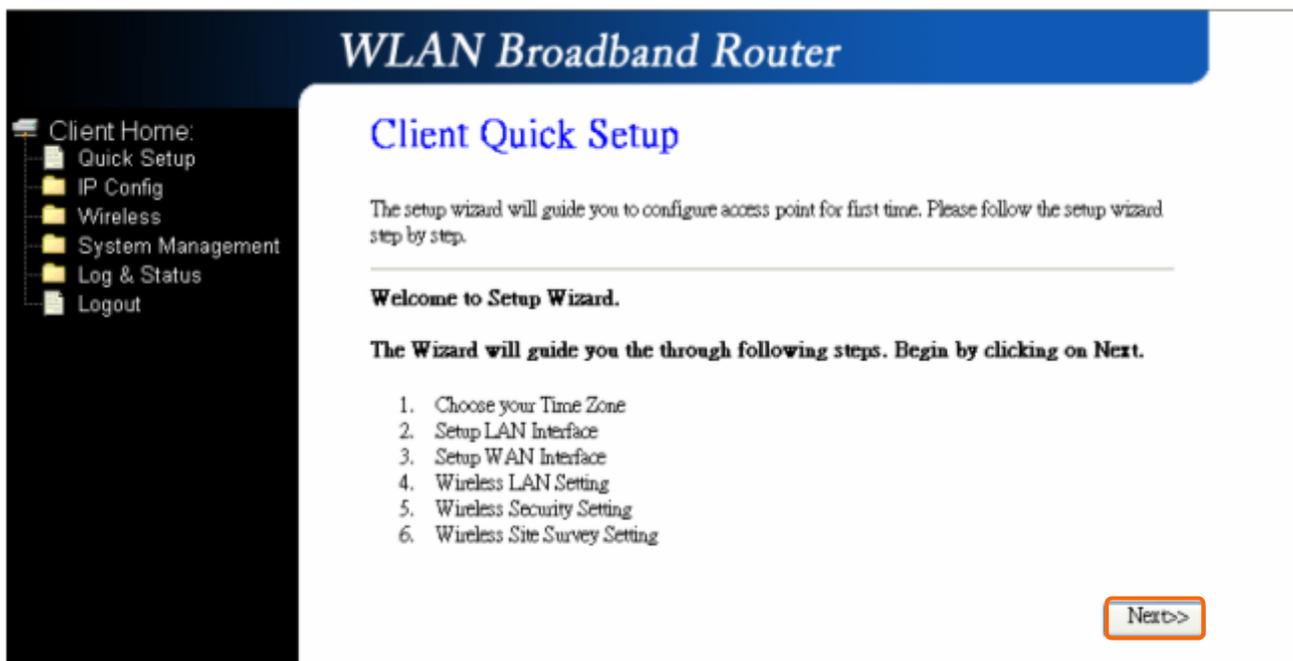
This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.

SSID	BSSID	Channel	Type	Encrypt	Signal	Select
NaviR120g	00:0d:f0:25:60:9e	6 (B+G)	AP	no	63	<input type="radio"/>
Xin1_Router	00:0d:f0:21:42:13	6 (B+G)	AP	no	53	<input type="radio"/>
NaviR120g	00:14:85:e3:d7:46	6 (B+G)	AP	no	50	<input type="radio"/>
PM_Xin1_Router2	00:08:a1:8b:27:27	6 (B+G)	AP	no	50	<input checked="" type="radio"/>
Xin1_Router_TST	00:08:a1:8d:46:0c	1 (B+G)	AP	no	44	<input type="radio"/>
Xin1_Router_JF	00:0d:f0:21:3f:82	11 (B+G)	AP	no	40	<input type="radio"/>
Navi_N620Rg_testlab	00:0d:f0:25:60:2f	6 (B+G)	AP	WPA	33	<input type="radio"/>
R122g_TEST5	00:0d:f0:25:61:d4	6 (B+G)	AP	no	24	<input type="radio"/>
NaviR120g	00:14:85:d0:bc:5c	6 (B+G)	AP	no	21	<input type="radio"/>
R120g_AP	00:0d:f0:25:60:20	6 (B+G)	AP	no	16	<input type="radio"/>
MiniRouter	00:0d:f0:25:60:98	6 (B+G)	AP	no	15	<input type="radio"/>

Then the system will be rebooting automatically and goes to the Product's Diagram Homepage after 60 seconds:



The system goes to the Product's Diagram Homepage:



Please go to the "4. Wireless Basic Settings"; and you will see the name "PM_Xin1_Router2" of Access Point you choose from the "Wireless Site Survey Setting" is listed in the "SSID" column, which means you may connect to this Access Points for wireless LAN clients successfully:

WLAN Broadband Router

- Client Home
- Quick Setup
- IP Config
- Wireless
- System Management
- Log & Status
- Logout

4. Wireless Basic Settings

This page is used to configure the parameters for wireless LAN clients which may connect to your Access Point.

Band: 2.4 GHz (B)

Mode: Client

Network Type: Infrastructure

SSID: PM_Xin1_Router2

Channel Number: 11

Enable Mac Clone (Single Ethernet Client)

Cancel

<<Back

Next>>