EDIMAX
NETWORKING PEOPLE TOGETHER

300Mbps Wireless Dual-Band Gigabit iQ Router

BR-6475nD

User Manual

Version 1.0 / February, 2011

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CHAPTER I: PRODUCT INFORMATION

1-1 Introduction and Safety Information

Thank you for purchasing the Edimax BR-6475nD Wireless Dual-Band Gigabit iQ Router! This router features Edimax's iQoS bandwidth managing system, four gigabit LAN ports, and concurrent dual-band (2.4GHz and 5GHz) functionality. With the Edimax BR-6475nD Wireless Dual-Band Gigabit iQ Router, all your computers and network devices can share a single, high-speed xDSL/cable Internet connection. Its easy installation procedure also allows any computer user to set up a network environment in a matter of minutes.

With dual-band (802.11a/b/g/n) wireless network capability, any wireless-enabled network device (smartphones, game consoles, computers, etc.) can be connected to this broadband router without additional cabling. Its gigabit LAN ports and IEEE 802.11n capability also allow you to enjoy the fastest wireless experience ever!

The Edimax BR-6475nD Wireless Dual-Band Gigabit iQ Router makes setting up wireless security a breeze. With the WPS (Wi-Fi Protected Setup) function, you can set up wireless security in just seconds! Just press the WPS button on WPS-compatible wireless devices and you will have a secure wireless connection in no time.

Features:

- Simultaneous dual-band wireless connectivity (2.4GHz & 5GHz)
- Complies with wireless 802.11a/b/g/n standards
- 1 gigabit WAN port and 4 gigabit LAN ports
- Wireless speed up to 12 times faster and coverage up to 5 times further
- Features iQoS for quick and easy bandwidth management
- Built-in slide switch to enable/disable wireless signal

1-2 Safety Information

Please follow the following safety instructions to ensure your safety:

1. This router is designed for indoor use only. DO NOT place this router outdoors.
2. DO NOT put this router in or near hot or humid places like the kitchen, bathroom, or a car parked in the sun.
3. Disconnect any connected cables from the router before pulling the router with force.
4. If you want to hang this router on the wall or place it somewhere high, please make sure it is firmly secured. Edimax's warranty does not cover damages caused by misuse.
5. Please keep this router and its accessories out of the reach of children.
6. DO NOT put this router on paper, cloth, or other flammable materials.
7. DO NOT disassemble this router. Disassembling this router will invalidate the warranty. Please contact your dealer if you experience any problems.
8. If this router gets wet or falls into water when it is powered, DO NOT touch it with your bare hands. Disconnect the power plug from the wall socket immediately, or contact an experienced technician for help.
9. Should your router or power supply overheat and burn out, switch the electrical power off or disconnect the power plug from the wall socket immediately, and call your dealer for help.

1-3 System Requirements

- Internet connection via an xDSL or cable modem with an RJ-45 Ethernet port
- Computer or network devices with a wired or wireless network interface card
- Web browser (Microsoft Internet Explorer, Mozilla Firefox, Opera, or Safari)
- An available AC power socket (100-240V, 50/60Hz)

1-4 Package Contents

Before you start using this router, please check if there is anything missing in the package, and contact your dealer to claim the missing item(s):

- Edimax BR-6475nD Wireless Dual-Band Gigabit iQ Router (1 pcs)
- Quick installation guide (1 pcs)
- 3dBi detachable antenna (2 pcs)
- CD with multi-language setup wizard, multi-language quick installation guide, and user manual (1 pcs)
- Ethernet cable (1 pcs)
- Power adapter (1 pcs)
- Ethernet cable (1 pcs)
- Holding base (1 pcs)

1-5 Getting familiar with your new wireless broadband router

Front Panel

LED Name	Light Status	Description
PWR	On	Router switched on and correctly powered
	Off	Router not powered or not correctly powered
2.4GHz	On	2.4GHz wireless connectivity activated
	Off	2.4GHz wireless connectivity not activated
	Flashing	2.4GHz LAN activity (transferring data)
5GHz	On	5GHz wireless connectivity activated
	Off	5GHz wireless connectivity not activated
	Flashing	5GHz LAN activity (transferring data)
LAN LINK/ACT	On	LAN port connected
	Off	LAN port not connected
	Flashing	LAN activity (transferring data)
LAN 1000M	On	Gigabit LAN connectivity activated
	Off	Gigabit LAN connectivity not activated
WAN LINK/ACT	On	WAN port connected
	Off	WAN port not connected
	Flashing	WAN activity (transferring data)
WAN 1000M	On	Gigabit WAN connectivity activated
	Off	Gigabit WAN connectivity not activated

Back Panel

Item Name	Description
Antenna Connectors	Connects to the supplied 3dBi detachable antennas
Wireless Signal ON/OFF Switch	Switches the wireless signal on and off
WPS/Reset Button	Resets the router to factory default settings or starts WPS function (press this button and hold for 20 seconds to clear all settings or press this button for less than 20 seconds to activate WPS function)

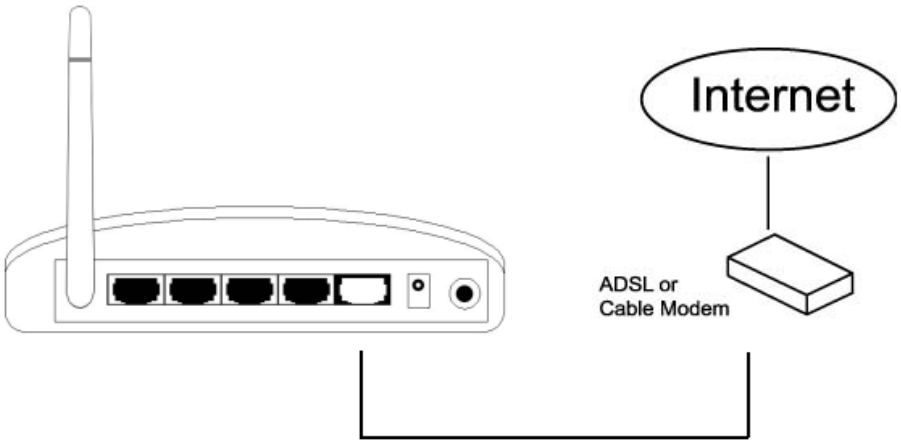
Gigabit LAN Ports (1-4)	Connects to computer or other web devices
Gigabit WAN Port	Connects to cable/xDSL modems
12V Power Connector	Connects to the supplied power adapter

CHAPTER II: SYSTEM AND NETWORK SETUP

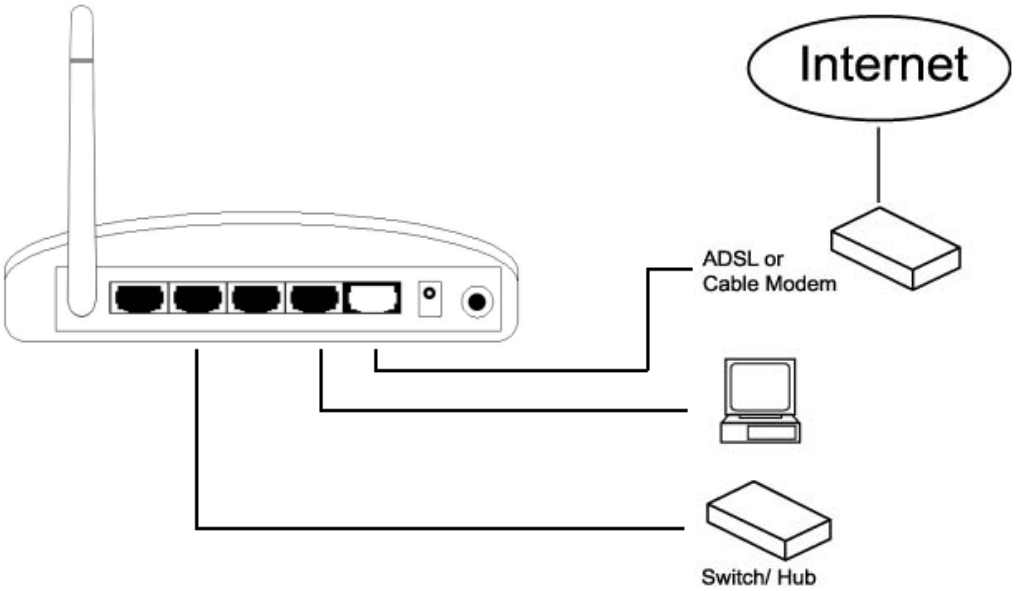
2-1 Establishing a network connection

Please follow the following instructions to build a network connection between your new broadband router, computers, and other network devices:

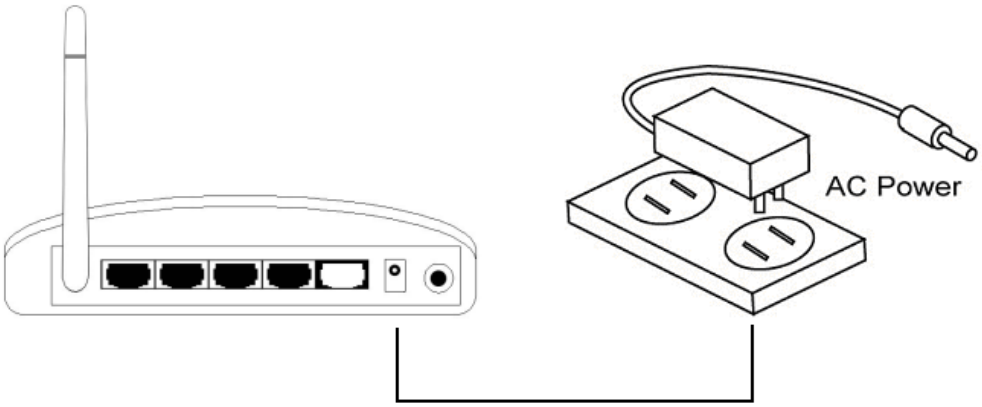
1. Connect your xDSL or cable modem to the router's "WAN" port with an Ethernet cable.



2. Connect your computer to one of the router's "LAN" ports with an Ethernet cable.



3. Connect the power adapter to the wall socket, and then connect it to the "12V" socket on the back panel of the router.



4. Please check all the LEDs on the front panel. The “PWR” and “WAN” LEDs should be on. The “LAN” LED should be on if the computer is connected and correctly powered. If you encounter any problems, please make sure that all your devices are connected and powered correctly.

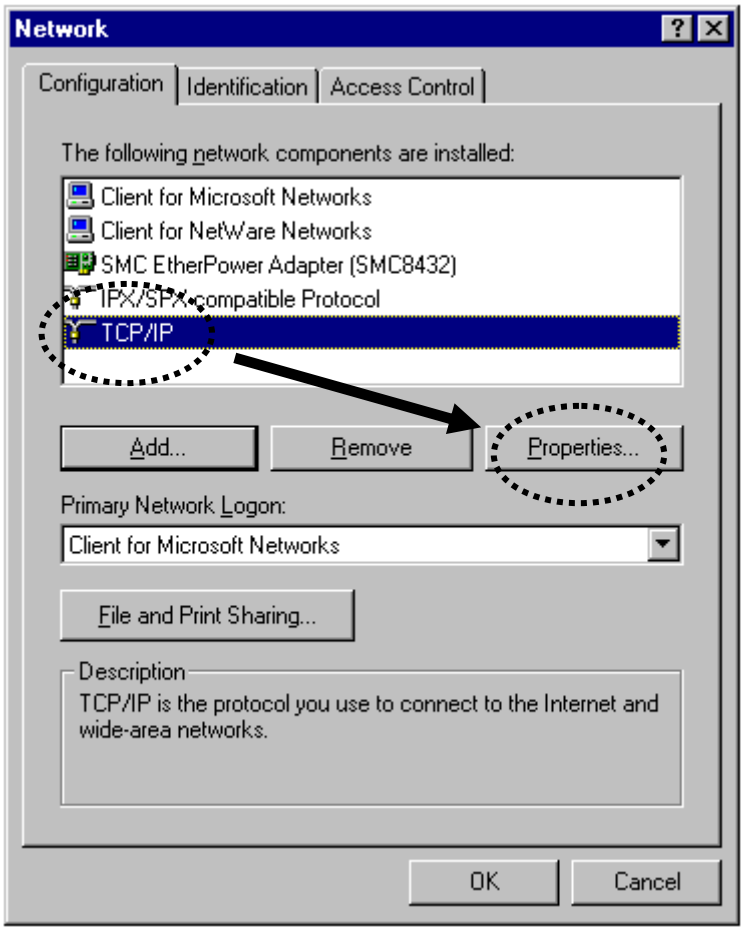
2-2 Setting client computers to obtain IP addresses automatically

Before you start configuration procedures, your computer must be able to get an IP address automatically (set to use dynamic IP addresses). If your computer is set to use a static IP address, or if you are unsure, please follow the following instructions to configure your computer to use dynamic IP addresses:

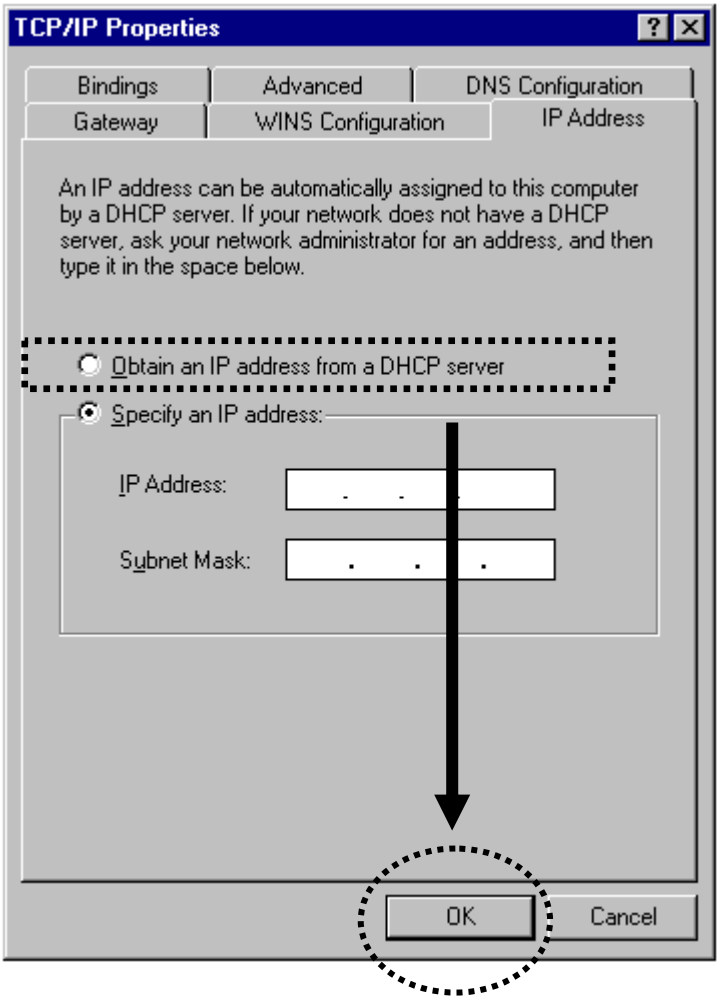
- Windows 95/98/Me (see section 2-2-1)
- Windows 2000 (see section 2-2-2)
- Windows XP (see section 2-2-3)
- Windows Vista (see section 2-2-4)

2-2-1 Windows 95/98/Me IP address setup

1. Click the “Start” button (it should be located at the lower-left corner of your screen), then click “Control Panel”. Double-click the “Network” icon, and the “Network” window will appear. Select “TCP/IP”, and then click “Properties”.

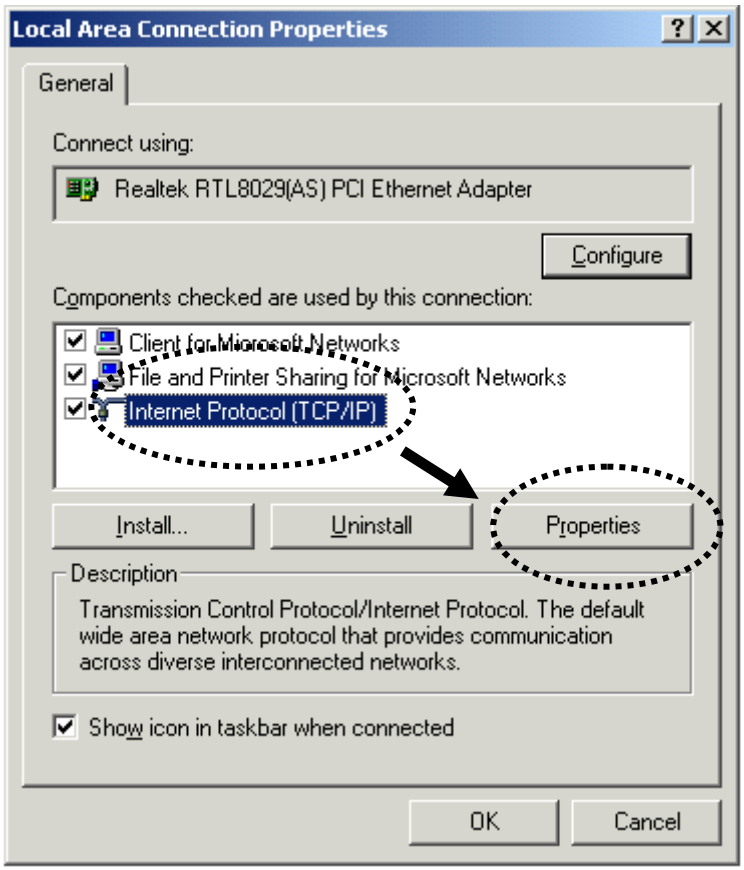


2. Select “Obtain an IP address from a DHCP server”, then click “OK”.

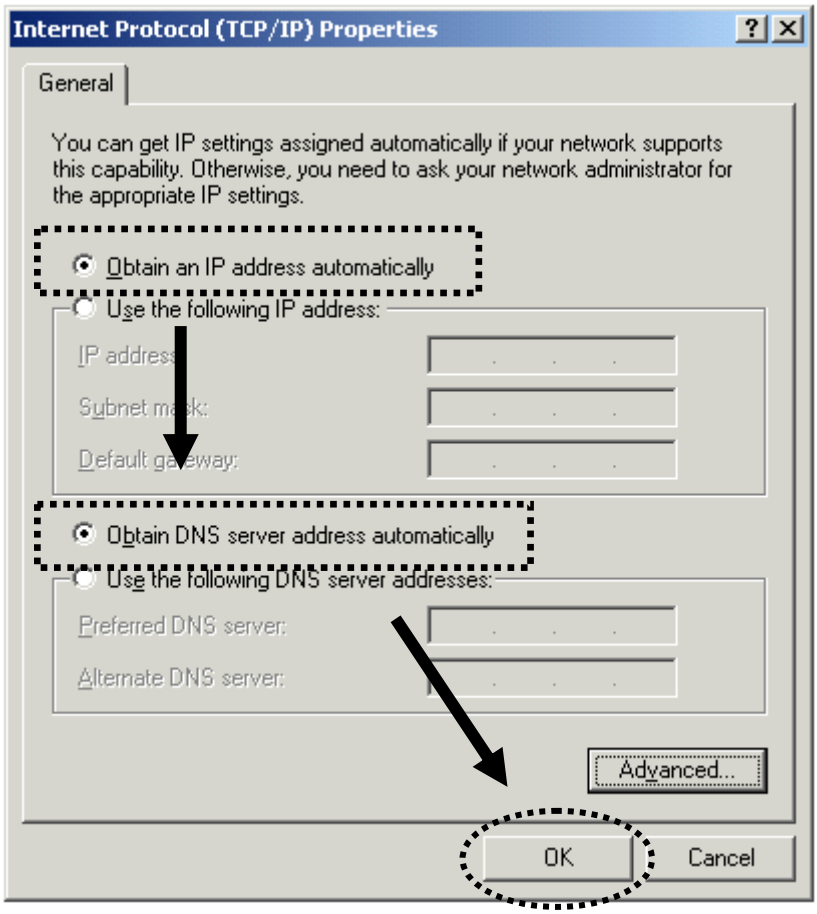


2-2-2 Windows 2000 IP address setup

1. Click the “Start” button (it should be located at the lower-left corner of your screen), then click “Control Panel”. Double-click the “Network and Dial-up Connections” icon, and then double-click “Local Area Connection”. When the “Local Area Connection Properties” window appears, select “Internet Protocol (TCP/IP)”, and then click “Properties”.

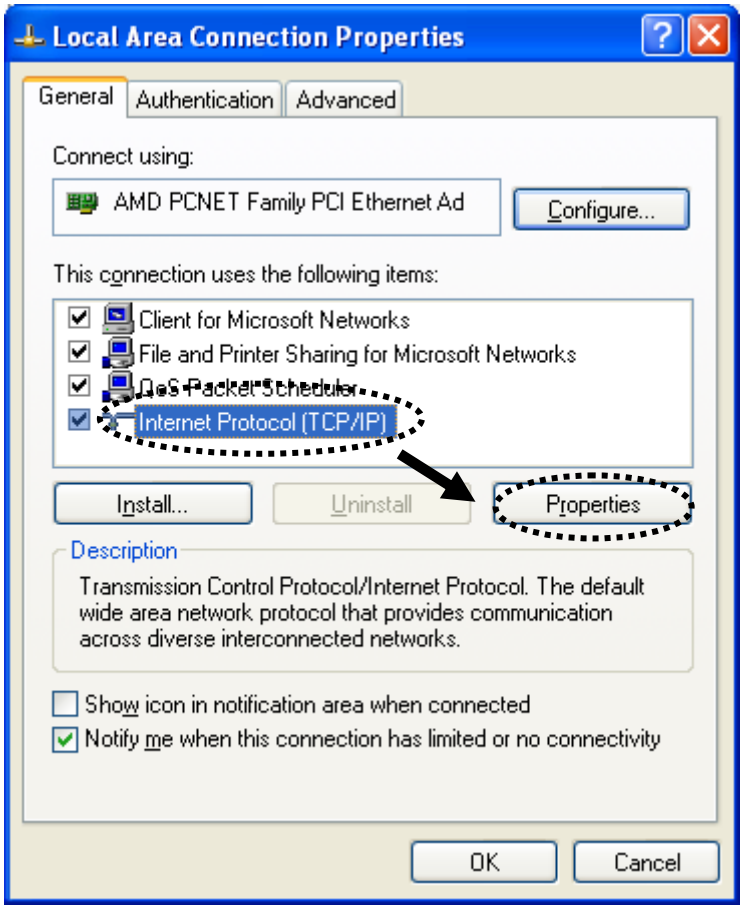


2. Select “Obtain an IP address automatically” and “Obtain DNS server address automatically”, then click “OK”.

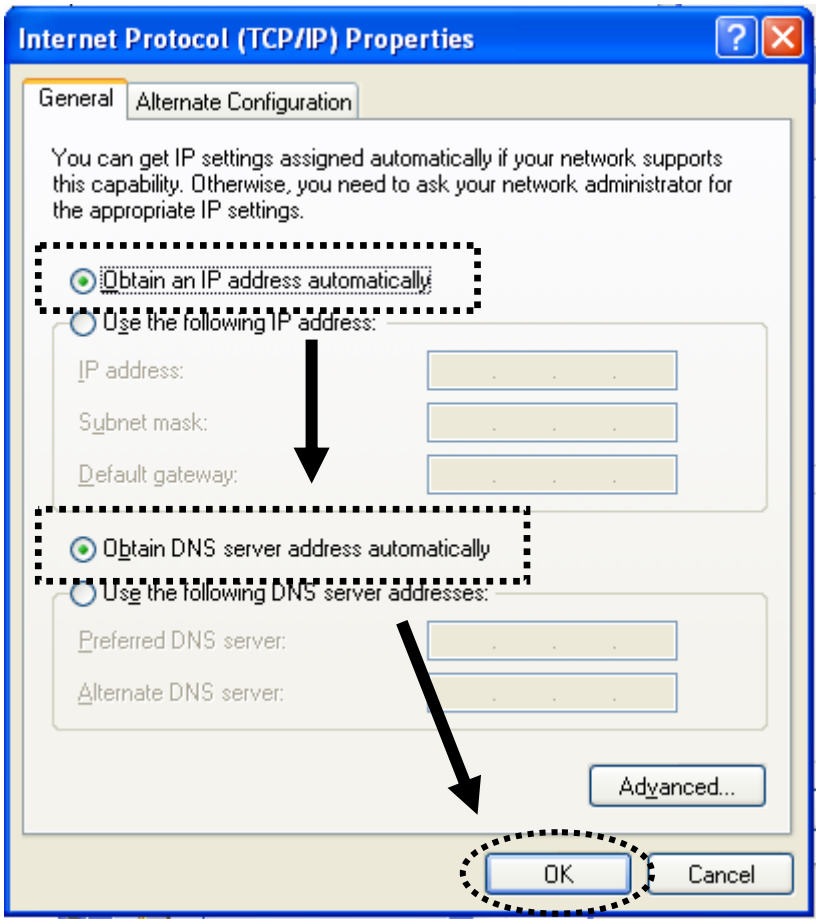


2-2-3 Windows XP IP address setup

1. Click the “Start” button (it should be located at the lower-left corner of your screen), then click “Control Panel”. Double-click the “Network and Internet Connections” icon, click “Network Connections”, then double-click “Local Area Connection”. When the “Local Area Connection Properties” window appears, click “Properties”.

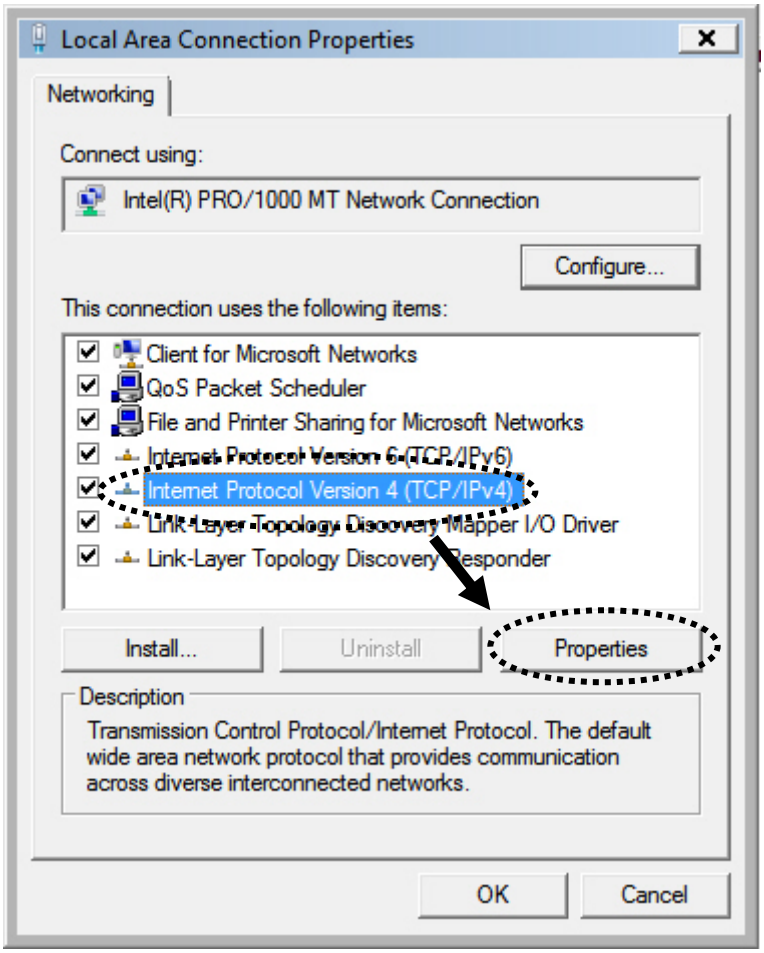


2. Select “Obtain an IP address automatically” and “Obtain DNS server address automatically”, then click “OK”.

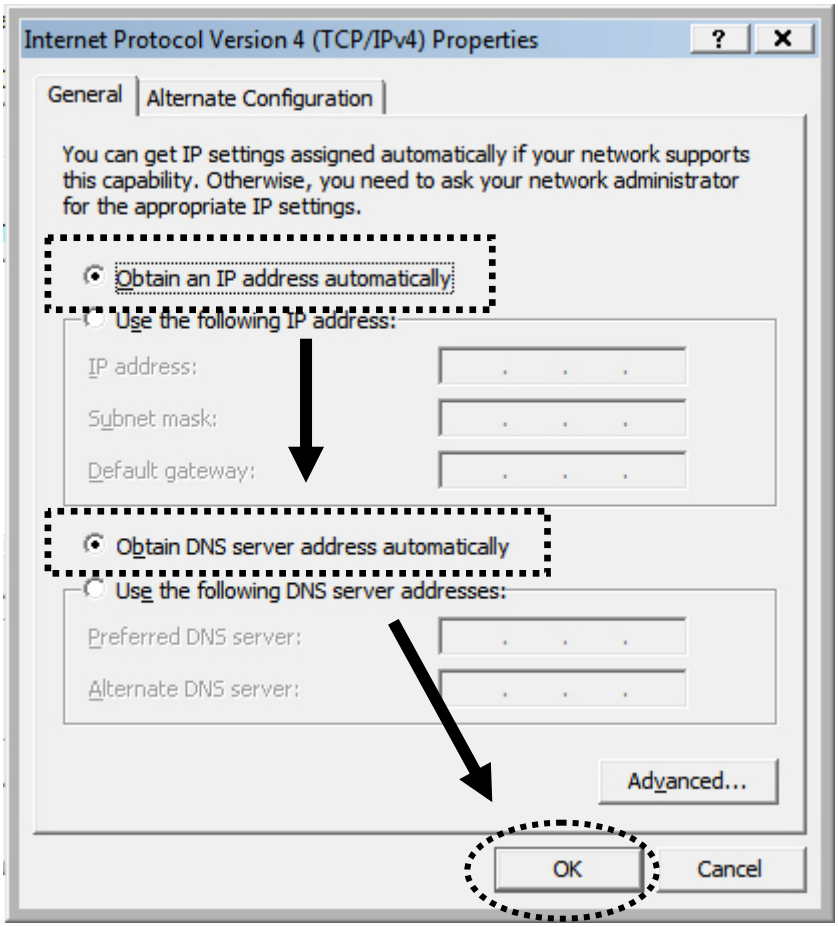


2-2-4 Windows Vista IP address setup

1. Click the “Start” button (it should be located at the lower-left corner of your screen), then click “Control Panel”. Click “View Network Status and Tasks”, and then click “Manage Network Connections”. Right-click “Local Area Network”, then select “Properties”. When the “Local Area Connection Properties” window appears, select “Internet Protocol Version 4 (TCP/IPv4)” and then click “Properties”.



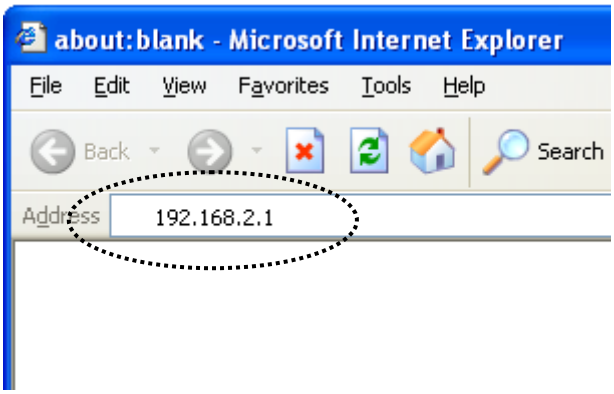
2. Select “Obtain an IP address automatically” and “Obtain DNS server address automatically”, then click “OK”.



2-3 Connecting to broadband router via web browser

You can access the broadband router's web-based configuration interface via any connected computer with a web browser (Internet Explorer 5.x or above, Firefox, Opera, or Safari).

1. Please input "192.168.2.1" in the web browser's address bar and press "Enter".

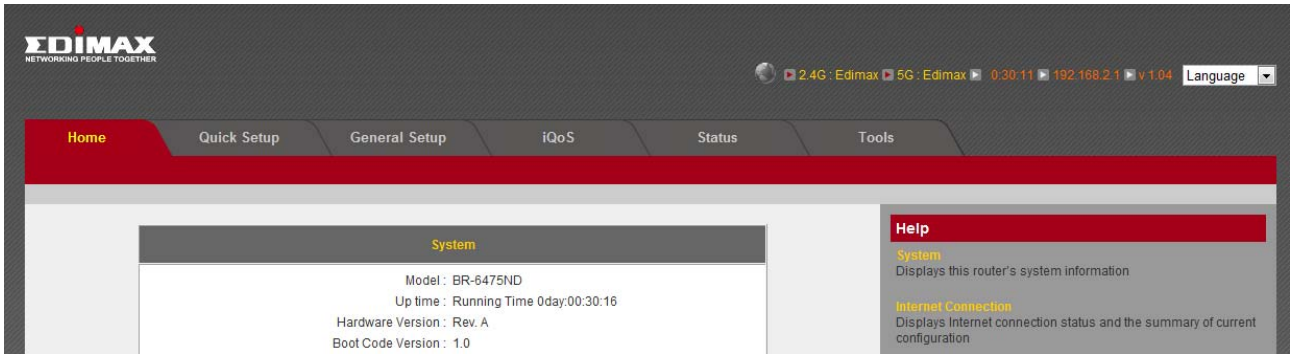


2. You should see the following authentication window:

NOTE: If you cannot access the broadband router's web-based configuration interface, the IP address you have inputted may be incorrect. If you have previously changed the router's IP address, please input the one you have designated.

3. Please input "admin" in the "User name" field and "1234" in the "Password" field. Click the "OK" button to enter the web configuration interface.

4. The first page you see after logging in is “Home”. You can see all the current settings and other system information here.



System

Model	Displays this broadband router’s model name (useful when you need technical service)
Up Time	Displays the amount of time this router has been switched on
Hardware Version	Displays this broadband router’s hardware version (useful when you need technical service)
Boot Code Version	Displays this broadband router’s boot code version (useful when you need technical service)
Runtime Code Version	Displays this broadband router’s runtime code version (useful when you need technical service)

Internet Connection

IP Address Mode	Displays how this broadband router currently obtains IP addresses
IP Address	Displays the IP address of the WAN connection
Subnet Mask	Displays the subnet mask of the WAN connection
Default Gateway	Displays the IP address of the WAN connection’s default gateway
MAC Address	Displays the physical address of the WAN port
Primary DNS	Displays the IP address of the first DNS server
Secondary DNS	Displays the IP address of the second (backup) DNS server

Wireless Configuration

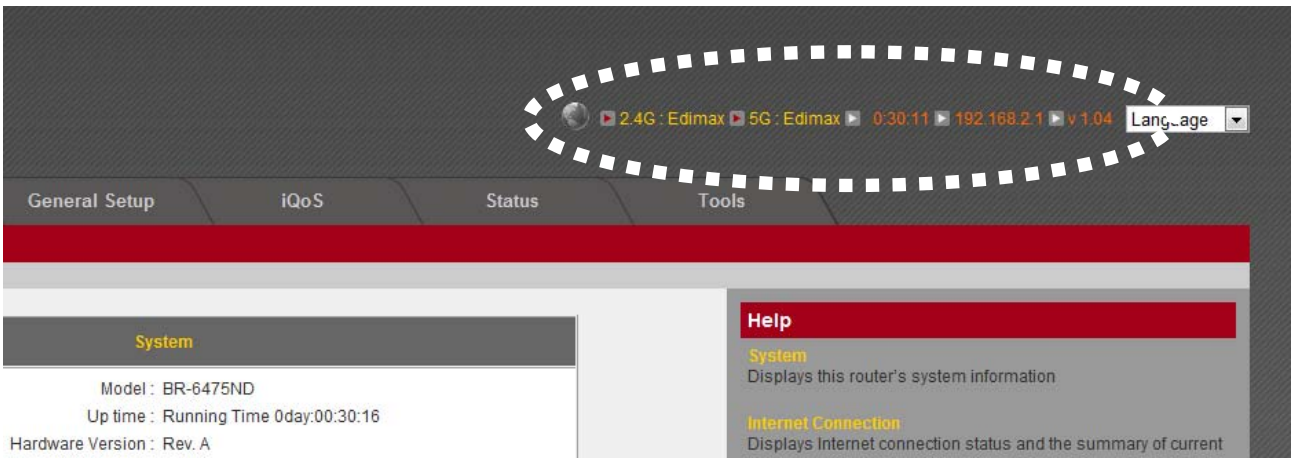
Mode	Displays the operation mode of the wireless access point

ESSID	Displays the name of the access point
Channel Number	Displays the channel number of the wireless network
Security	Displays the security authentication mode of the access point

LAN Connection

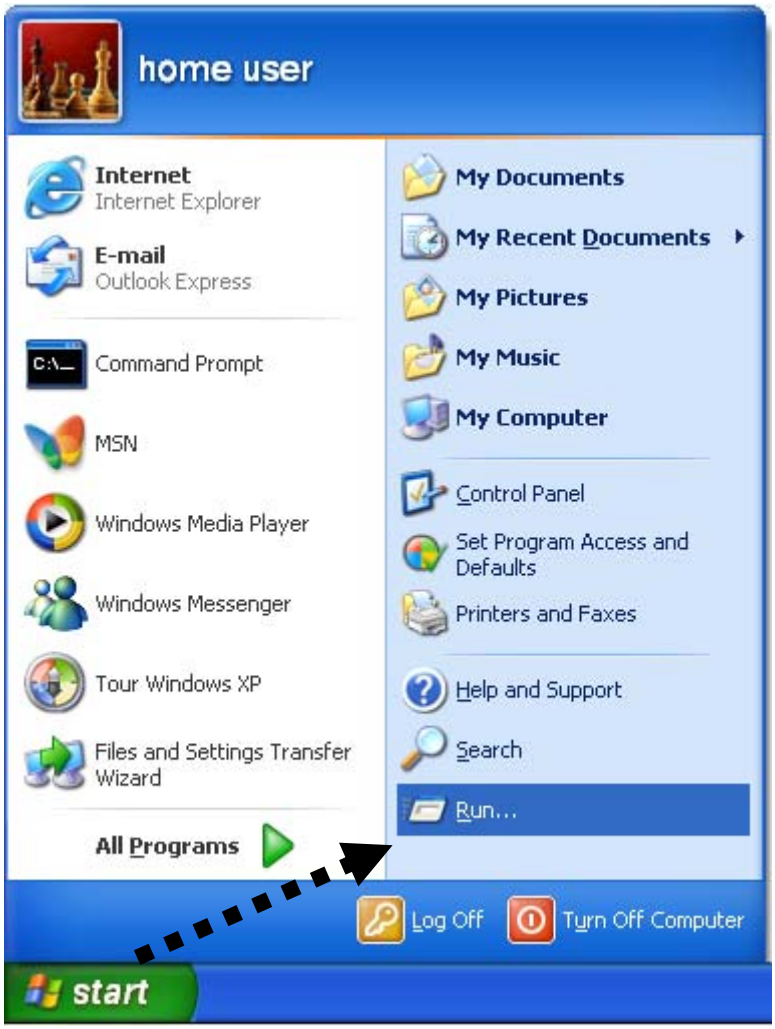
IP Address	Displays the IP address of the LAN connection
Subnet Mask	Displays the subnet mask of the LAN connection
DHCP Server	Displays the status of the internal DHCP server
MAC Address	Displays the physical address of the LAN port

The SSID, the up time, the IP address of the LAN connection, and the runtime code is always displayed on the top of the webpage.

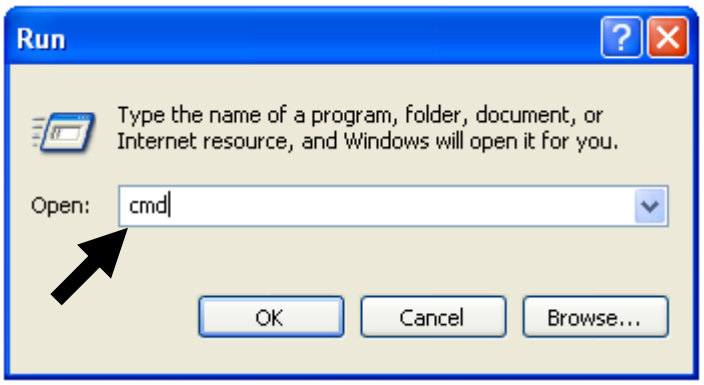


If this router's DHCP server function is enabled, please follow the following instructions to find this router's IP address:

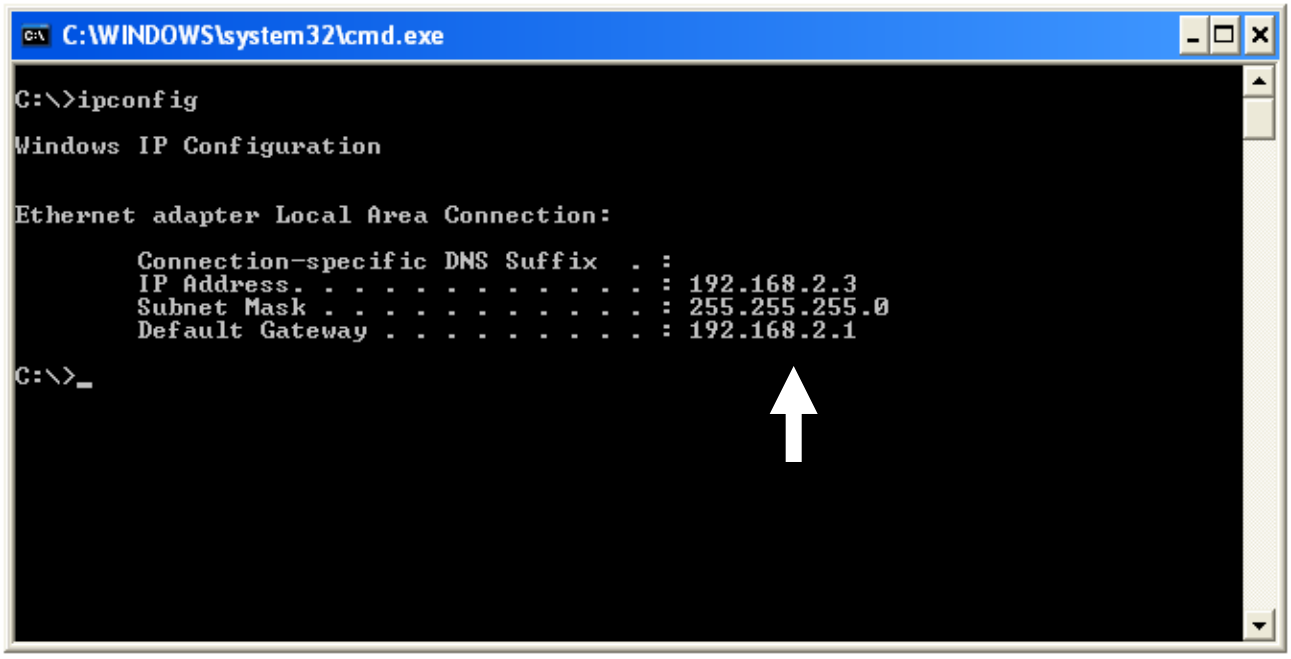
1. Click the "Start" button, then click "Run".



2. Input "cmd", and then click "OK".



3. Input “ipconfig”, then press “Enter”. Use the IP address following “Default Gateway” to access this router’s web-based configuration interface. Please note that the IP address you find may be different from this illustrated example.



NOTE: If there is no IP address following “Default Gateway”, or if the address following “IP Address” begins with “169”, please try the following procedures:

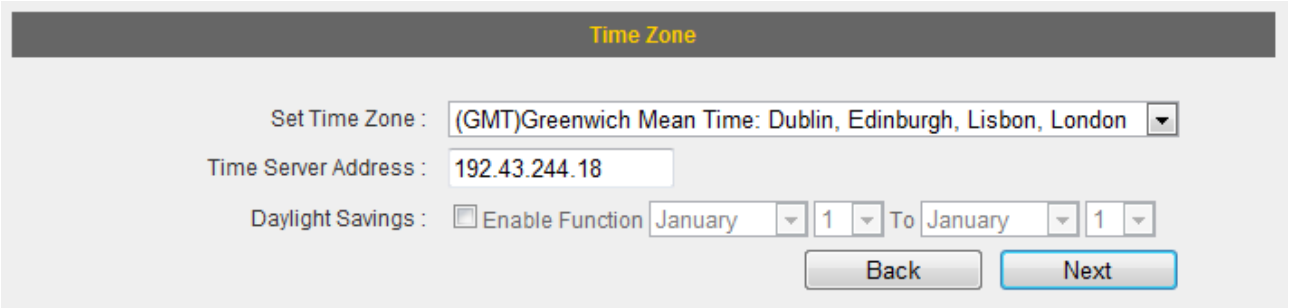
- Recheck the cable connection between the computer and the router.
- Go to the beginning of this chapter and recheck every step of the setup procedure.
- If both of the above fails, reset the broadband router.

2-4 Using “Quick Setup”

This broadband router’s “Quick Setup” allows you to set up basic parameters in a few simple steps. The following instructions illustrate how to use the “Quick Setup” menu:

1. Click “Quick Setup” after logging in.

2. Configure automatic time synchronization settings, and then click “Next”.



Item Name	Description
Set Time Zone	Please select the time zone of your country or region. If you cannot find your country/region, please select another country/region whose time zone is the same as yours.
Time Server Address	This router supports NTP (Network Time Protocol) for automatic time and date setup. Input the host name or IP address of the NTP server here. If you do not know the host name, please ask the network administrator or use “pool.ntp.org”.
Daylight Saving	If your country/region uses daylight saving time, please check the “Enable Function” box, and select the start and end date.

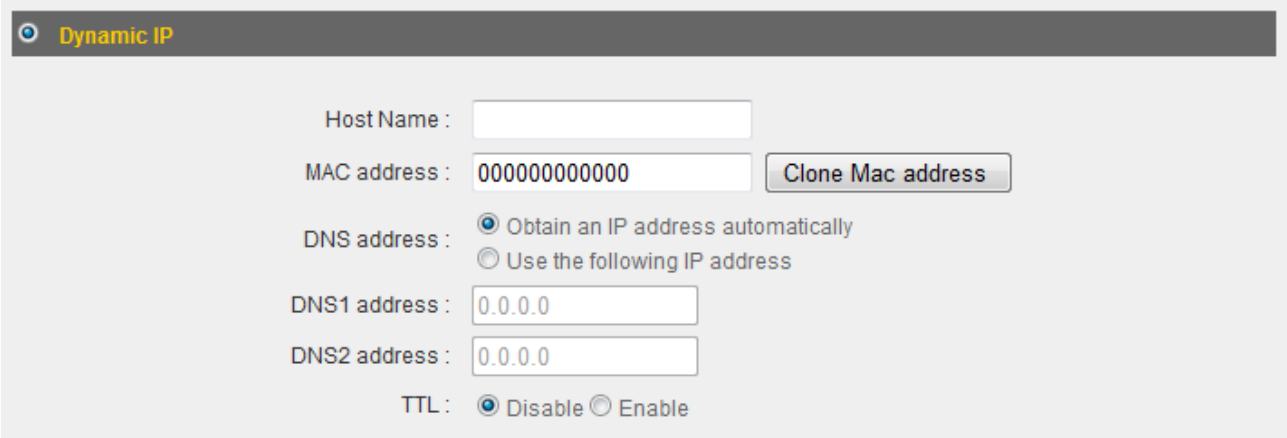
3. Choose your Internet connection type. Refer to the following list for further instructions:

- Dynamic IP (See section 2-4-1)
- Static IP (See section 2-4-2)
- PPPoE (See section 2-4-3)
- PPTP (See section 2-4-4)
- L2TP (See section 2-4-5)
- WISP (See section 2-4-6)

NOTE: If you are not sure which your Internet connection type is, please contact your Internet service provider.

2-4-1 Using “Dynamic IP” as broadband connection type

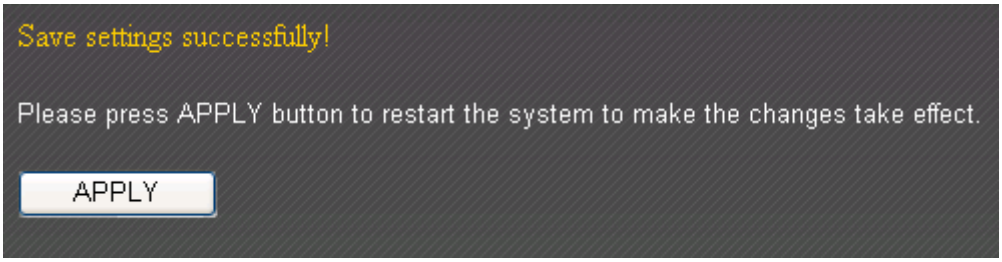
1. If your Internet service provider assigns IP addresses to you automatically through DHCP (Dynamic Host Configuration Protocol), select “Dynamic IP”.



Item Name	Description
Host Name	Input the host name of your computer here. This is optional and only required if your ISP asks you to do so.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
TTL	Enable the “TTL” function if your ISP requires you to do so.

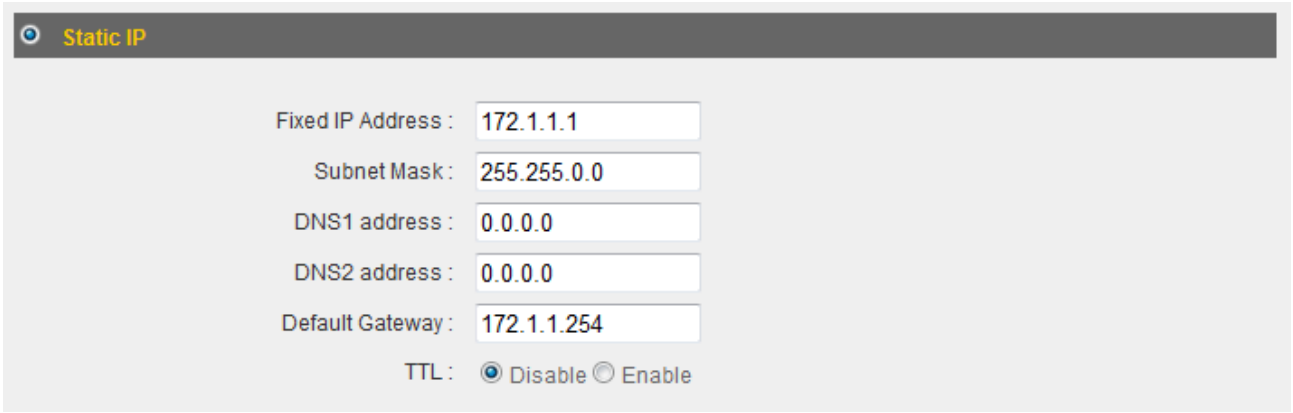
2. Click “OK” to complete setup.

3. When the following message appears, click “Apply” to save the changes and restart the broadband router. The router will take about 60 seconds to restart.



2-4-2 Using “Static IP” as broadband connection type

1. If your ISP is providing you Internet access via a fixed IP address, select “Static IP”. Generally, your ISP will provide you with such information as IP address, subnet mask, gateway address, and DNS address.

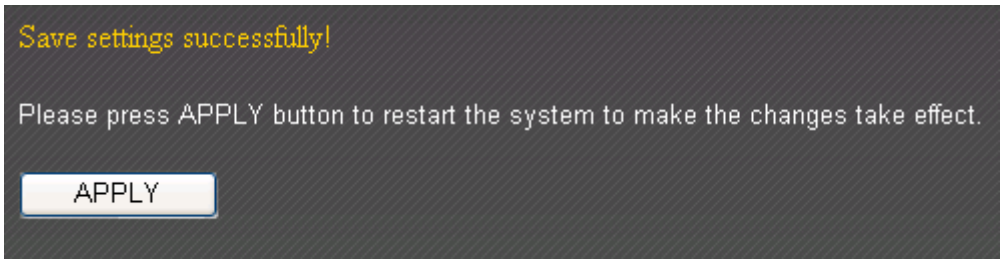


Item Name	Description
Fixed IP Address	Input the IP address assigned by your ISP here.
Subnet Mask	Input the subnet mask assigned by your ISP here.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
Default Gateway	Input the default gateway assigned by your ISP here. Some ISPs may call this “Default Route”.
TTL	Enable the “TTL” function if your ISP requires you to do so.

NOTE: You must use the addresses provided by your ISP. Inputting incorrect values will cause malfunction.

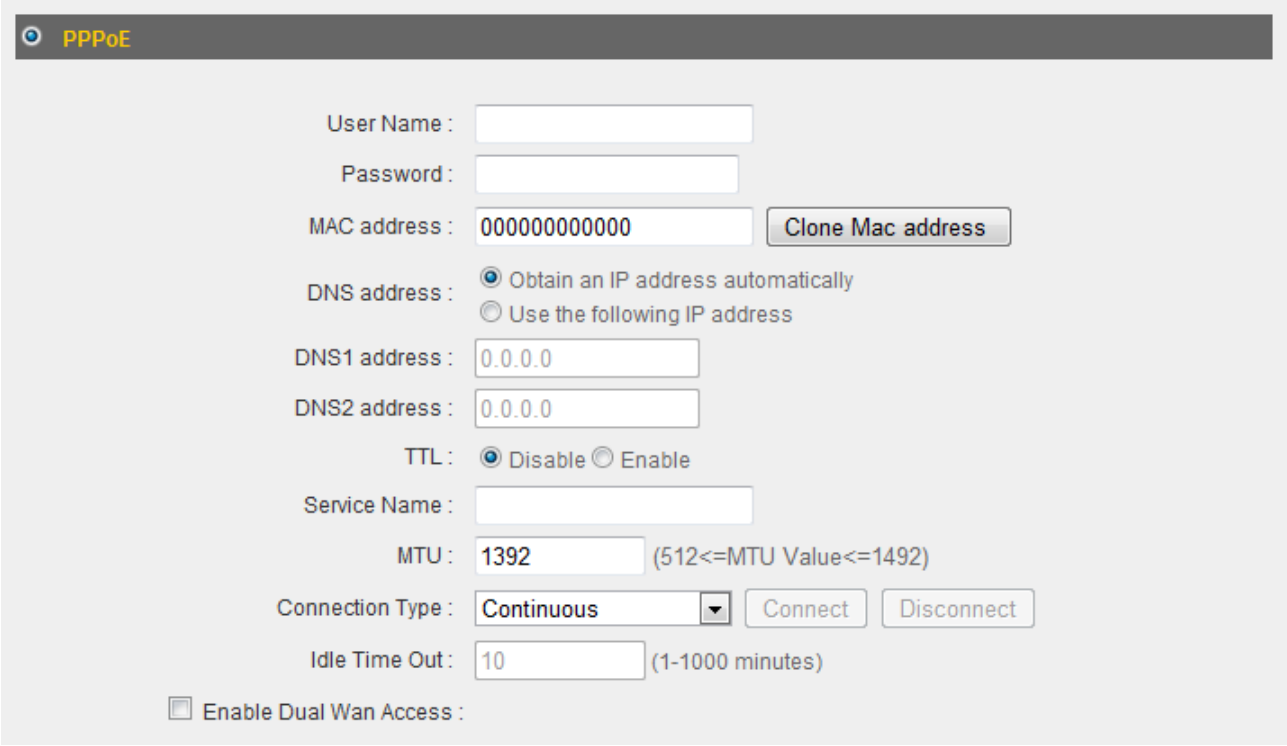
2. Click “OK” to complete setup.

3. When the following message appears, click “Apply” to save the changes and restart the broadband router. The router will take about 60 seconds to restart.



2-4-3 Using “PPPoE” as broadband connection type

1. If your ISP is providing you Internet access via PPPoE (Point-to-Point Protocol over Ethernet), select “PPPoE”.

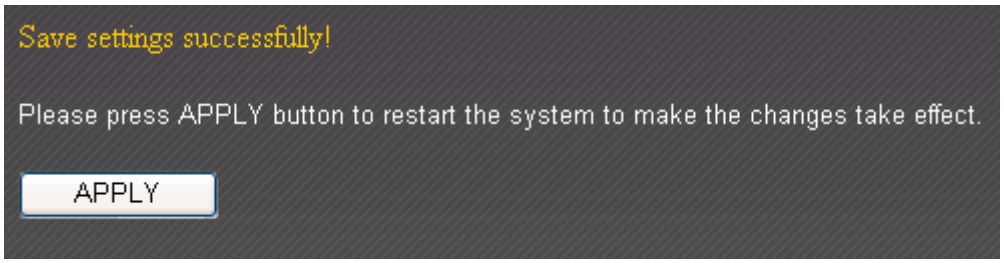


Item Name	Description
User Name	Input the user name assigned by your ISP here.
Password	Input the password assigned by your ISP here.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
TTL	Enable the “TTL” function if your ISP requires you to do so.
Service Name	Give this Internet service a name (optional).
MTU	Input the MTU value of your network connection here. If you do not know, use the default value.
Connection Type	Please specify a connection type here. There are 3 options: 1. “Continuous” keeps the Internet connection alive all the time.

	2. “Connect on Demand” only connects to the Internet when you initiate Internet connection. 3. “Manual” connects to the Internet only when the “Connect” button on this page is clicked, and disconnects when the “Disconnect” button is clicked.
Idle Time Out	Specify the amount of time the router waits before shutting down an idle connection. This option is only available when “Connect on Demand” is selecte
Enable Dual-WAN Access	Check the “Enable Dual-WAN Access” box if your ISP requires you to do so.

2. Click “OK” to complete setup.

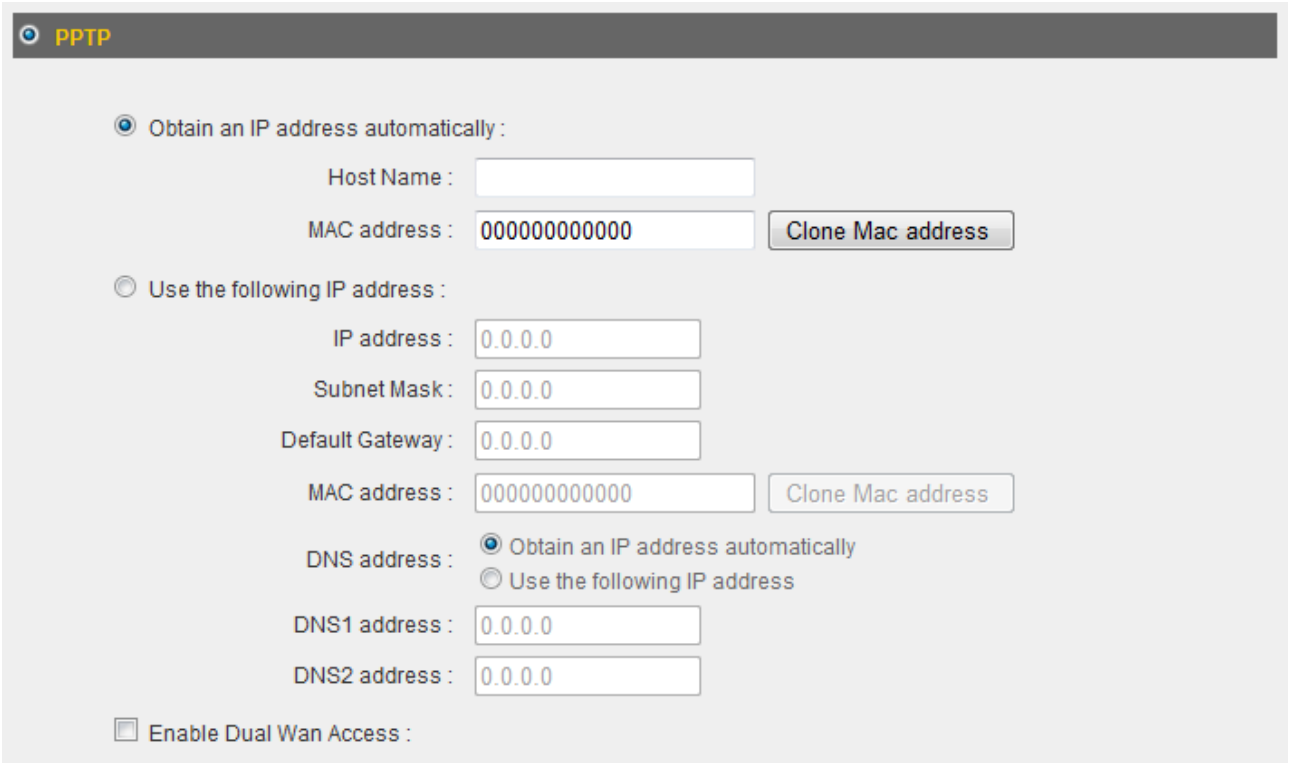
3. When the following message appears, click “Apply” to save the changes and restart the broadband router. The router will take about 60 seconds to restart.



2-4-4 Using “PPTP” as broadband connection type

1. Select “PPTP” if your ISP is providing you Internet access via PPTP (Point-to-Point Tunneling Protocol).

2. If your ISP is providing you dynamic IP addresses, select “Obtain an IP address automatically”. If your ISP is providing you a static IP address, select “Use the following IP address”.

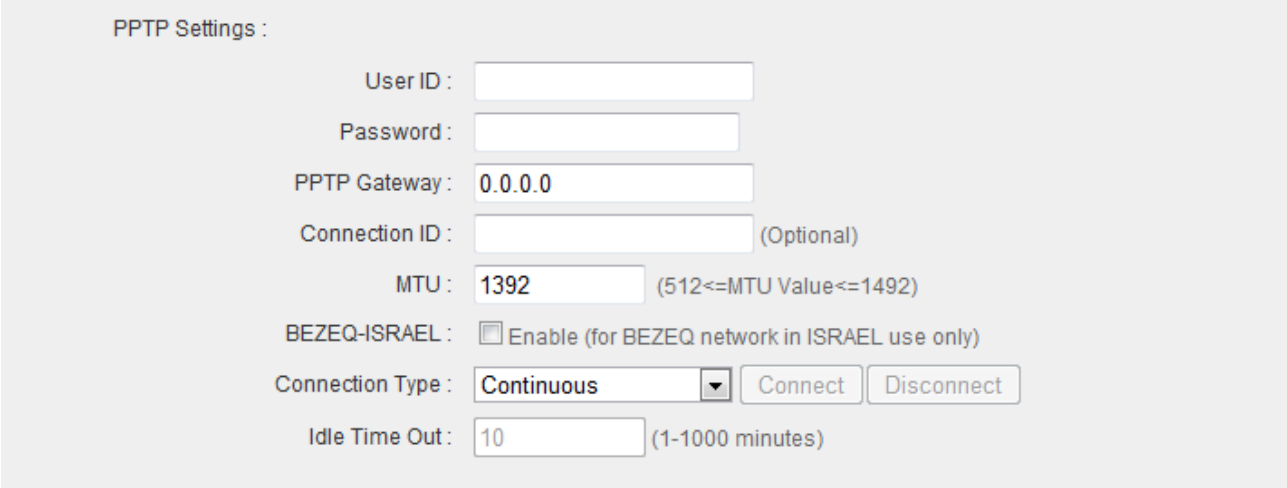


Item Name	Description
Host Name	Input the host name of your computer here. This is optional and only required if your ISP asks you to do so.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
IP Address	Input the IP address assigned by your ISP here.
Subnet Mask	Input the subnet mask assigned by your ISP here.
Default Gateway	Input the default gateway assigned by your ISP here. Some ISPs may call this “Default Route”.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address

	automatically.
DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
Enable Dual-WAN Access	Check the “Enable Dual-WAN Access” box if your ISP requires you to do so.

NOTE: These settings must be configured according to your Internet service. Please contact your Internet service provider if you are not sure what to select.

3. Configure the “PPTP Settings” section.

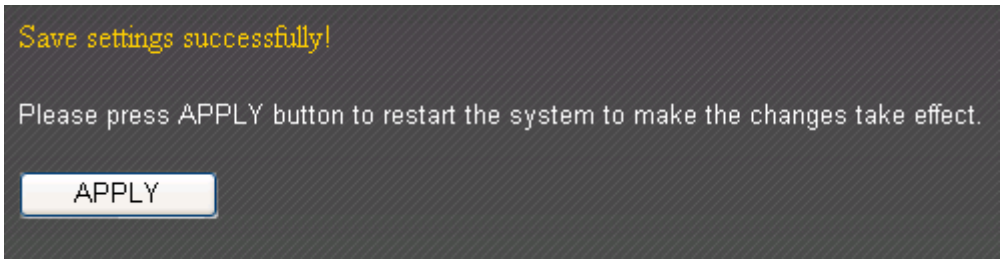


Item Name	Description
User ID	Input the user name assigned by your ISP here.
Password	Input the password assigned by your ISP here.
PPTP Gateway	Input the PPTP gateway assigned by your ISP here.
Connection ID	Give this connection a name (optional).
MTU	Input the MTU value of your network connection here. If you do not know, use the default value.
BEZEQ-ISRAEL	Check the “Enable” box if you are in Israel and using BEZEQ network services.
Connection Type	Please specify a connection type here. There are 3 options: 1. “Continuous” keeps the Internet connection alive all the time. 2. “Connect on Demand” only connects to the Internet when you initiate Internet connection. 3. “Manual” connects to the Internet only when the “Connect” button on this page is clicked, and disconnects

	when the “Disconnect” button is clicked.
Idle Time Out	Specify the amount of time the router waits before shutting down an idle connection. This option is only available when “Connect on Demand” is selected.

4. Click “OK” to complete setup.

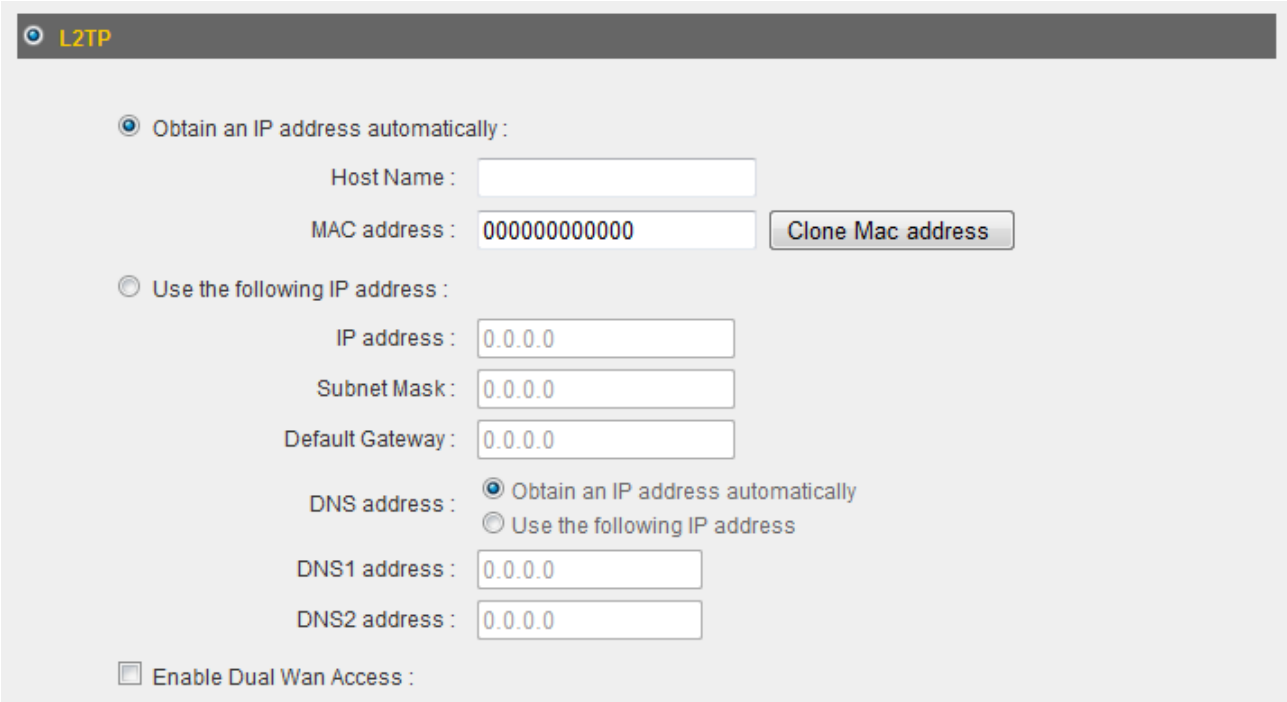
5. When the following message appears, click “Apply” to save the changes and restart the broadband router. The router will take about 60 seconds to restart.



2-4-5 Using “L2TP” as broadband connection type

1. Select “L2TP” if your ISP is providing you Internet access via L2TP (Layer-2 Tunneling Protocol).

2. If your ISP is providing you dynamic IP addresses, select “Obtain an IP address automatically”. If your ISP is providing you a static IP address, select “Use the following IP address”.

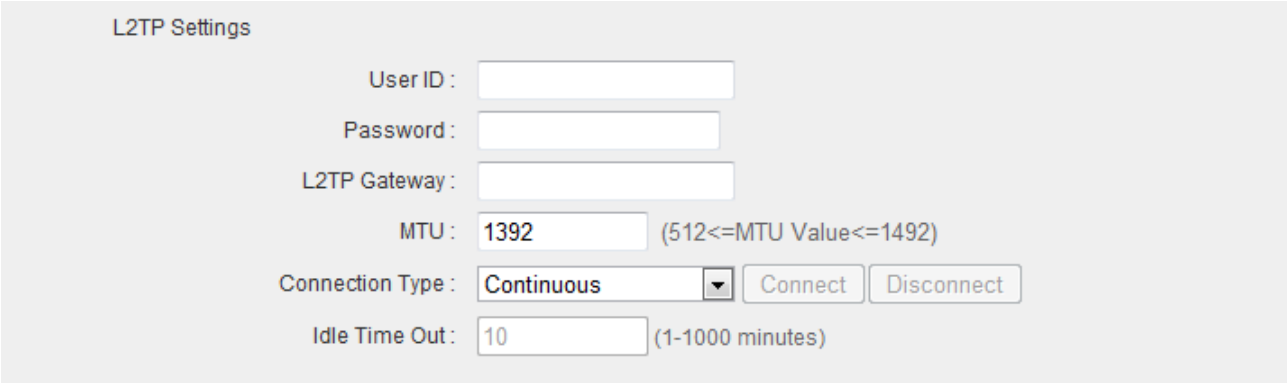


Item Name	Description
Host Name	Input the host name of your computer here. This is optional and only required if your ISP asks you to do so.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
IP Address	Input the IP address assigned by your ISP here.
Subnet Mask	Input the subnet mask assigned by your ISP here.
Default Gateway	Input the default gateway assigned by your ISP here. Some ISPs may call this “Default Route”.
DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
Enable Dual-WAN	Check the “Enable Dual-WAN Access” box if your ISP requires

Access	you to do so.

NOTE: These settings must be configured according to your Internet service. Please contact your Internet service provider if you are not sure what to select.

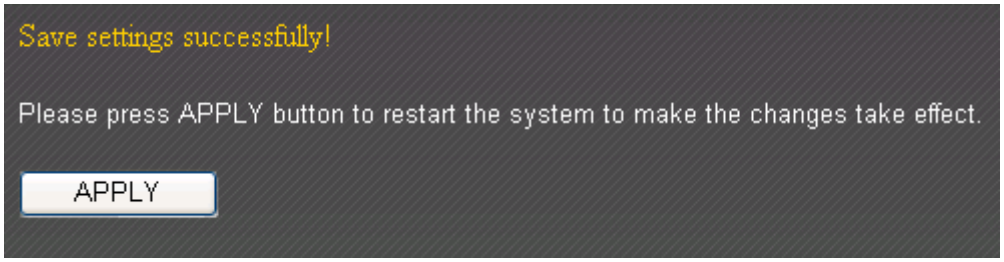
3. Configure the “L2TP Settings” section.



Item Name	Description
User ID	Input the user name assigned by your ISP here.
Password	Input the password assigned by your ISP here.
L2TP Gateway	Input the L2TP gateway assigned by your ISP here.
MTU	Input the MTU value of your network connection here. If you do not know, use the default value.
Connection Type	Please specify a connection type here. There are 3 options: 1. “Continuous” keeps the Internet connection alive all the time. 2. “Connect on Demand” only connects to the Internet when you initiate Internet connection. 3. “Manual” connects to the Internet only when the “Connect” button on this page is clicked, and disconnects when the “Disconnect” button is clicked.
Idle Time Out	Specify the amount of time the router waits before shutting down an idle connection. This option is only available when “Connect on Demand” is selected.

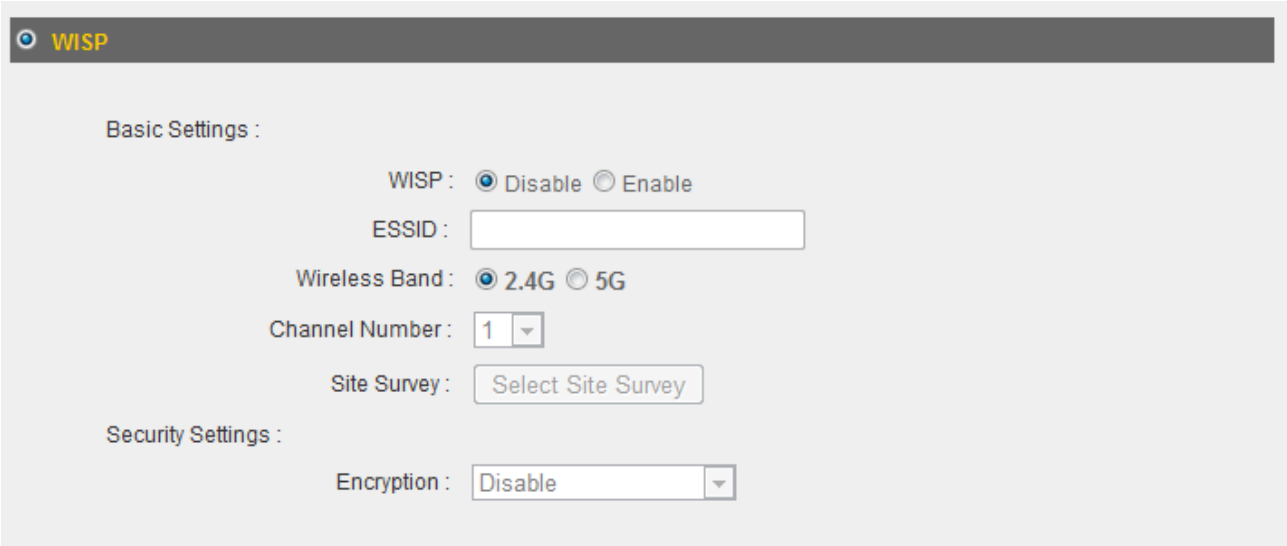
4. Click “OK” to complete setup.

5. When the following message appears, click “Apply” to save the changes and restart the broadband router. The router will take about 60 seconds to restart.



2-4-6 Using “WISP” as broadband connection type

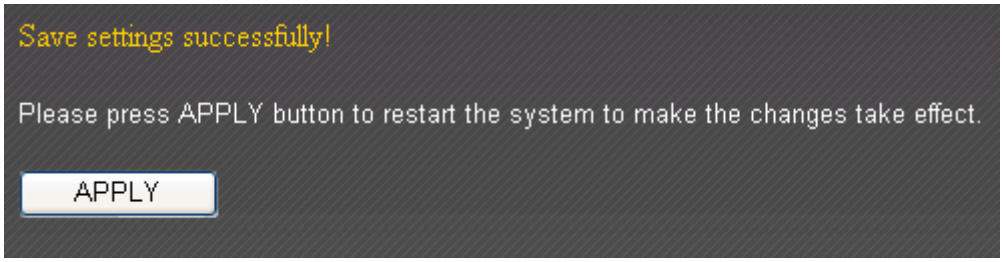
1. If your Internet service provider is providing you Internet service wirelessly, select “WISP”.



Item Name	Description
WISP	Enable or disable the WISP function.
ESSID	Input the name of your Internet service provider’s wireless access point here.
Wireless Band	Set the wireless frequency range in accordance with your Internet service provider’s requirements.
Channel Number	Select the channel number that corresponds to that of your Internet service provider’s wireless access point.
Site Survey	Click “Select Site Survey” and a pop-up window will appear. All reachable wireless access points will be shown in the window. Select a wireless access point from the list, and click “Done” to establish a connection. Clicking “Refresh” will renew the list.
Security	Configure the security settings in accordance to your Internet service provider’s requirements.

2. Click “OK” to complete setup.

3. When the following message appears, click “Apply” to save the changes and restart the broadband router. The router will take about 60 seconds to restart.

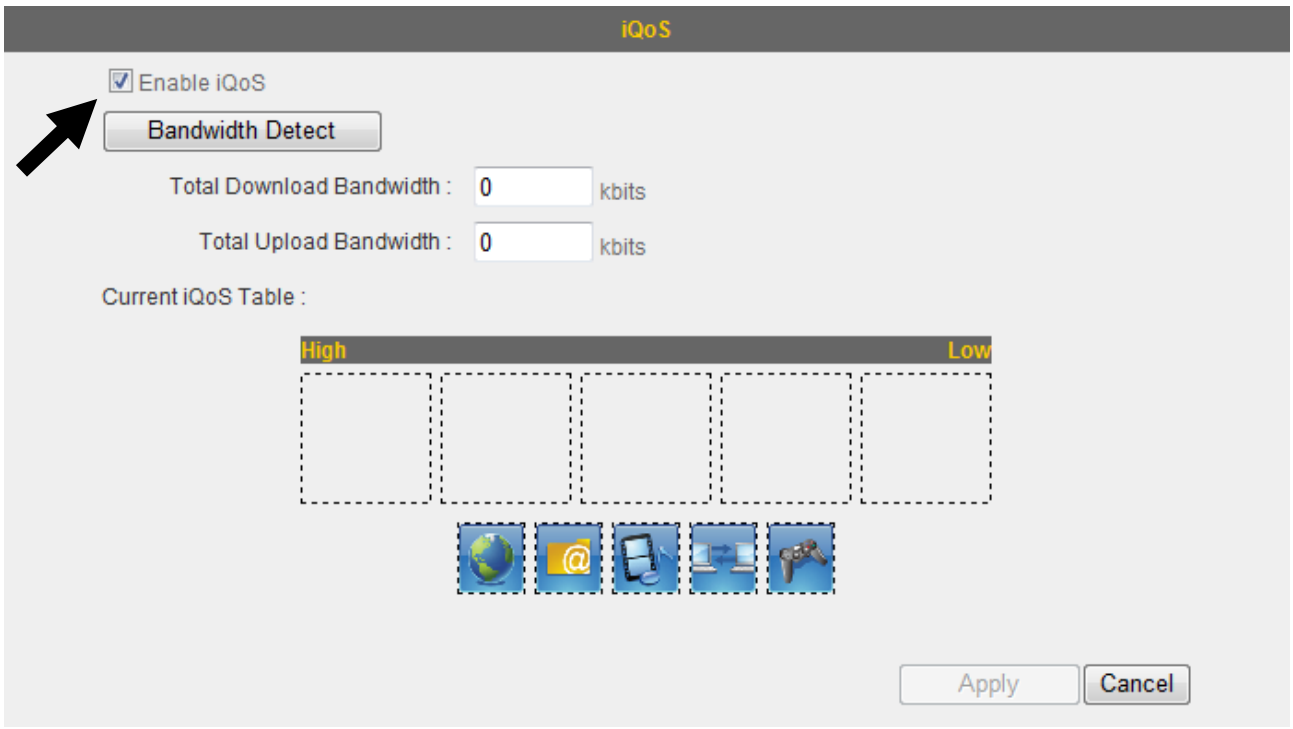


2-5 Using “iQoS”

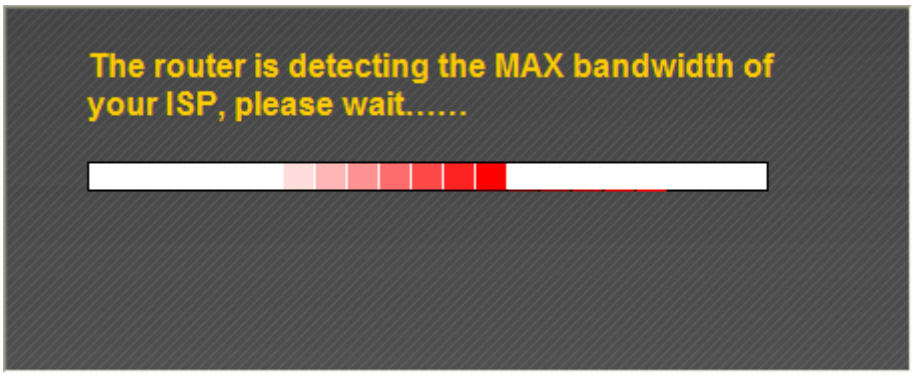
iQoS is Edimax’s answer to the need for a quick and easy way to manage internet bandwidth. It’s intuitive and friendly user interface allows you to arrange your bandwidth priorities in a few simple steps.

1. First, click “iQoS” to access the iQoS user interface.

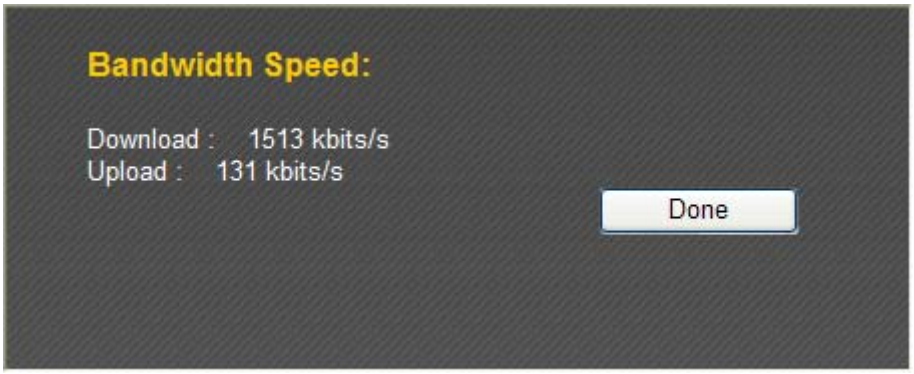
2. Check the “Enable iQoS” box to enable the function.



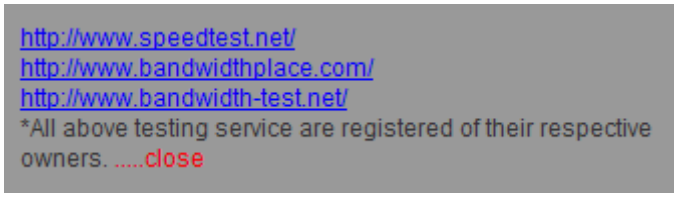
3. Click the “Bandwidth Detect” button to test the speed of your Internet connection.



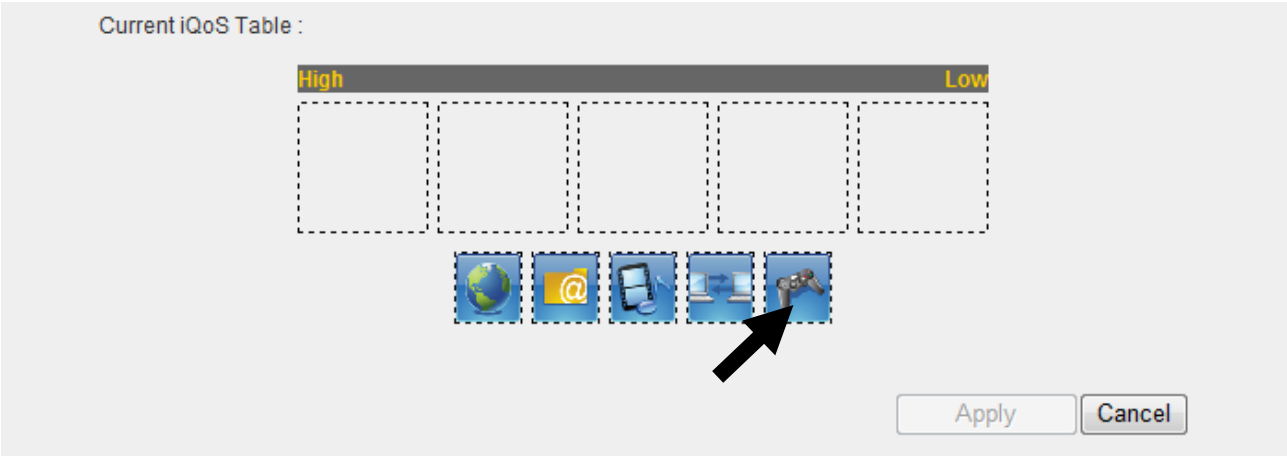
4. When the speed test is complete, click “Done” and the results will be filled in automatically.



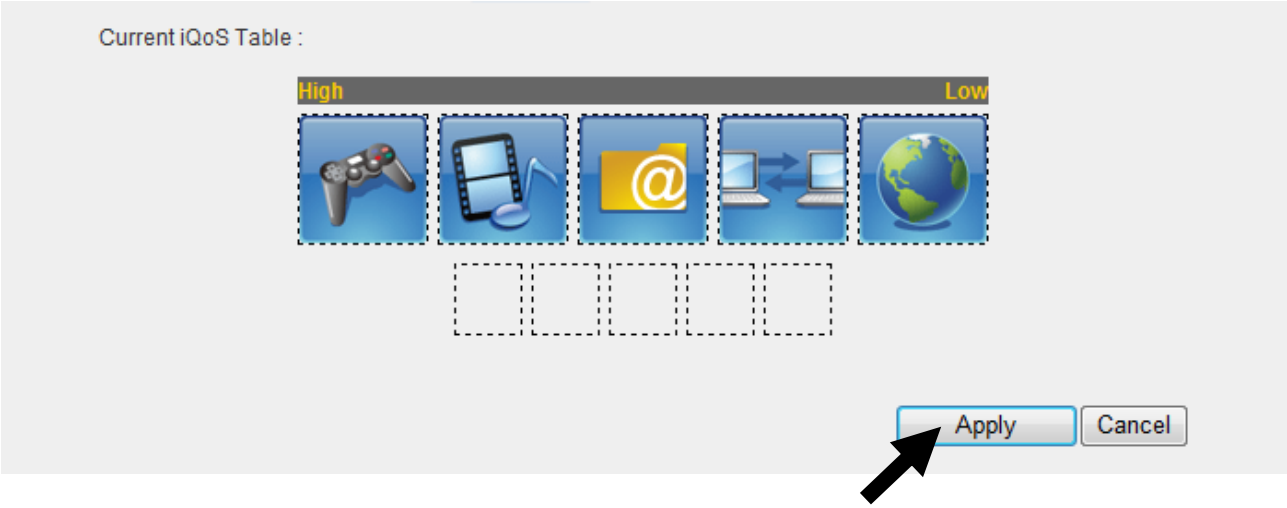
Note: If this bandwidth detection function is not operating correctly, please perform the test with the bandwidth testing sites listed on the bottom right and enter the test results manually.



5. The icons near the bottom show the current priority order for various application types (from left to right). Re-arrange the priority by clicking the icons in the order that suits your needs.



6. After you have arranged your application priorities, click the “Apply” button to enable it. The icons will be shown in the order of your preference after the device has restarted.



CHAPTER III: GENERAL SETUP

You can perform advanced configuration of this broadband router in “General Setup”.

1. Click “General Setup” after logging in.

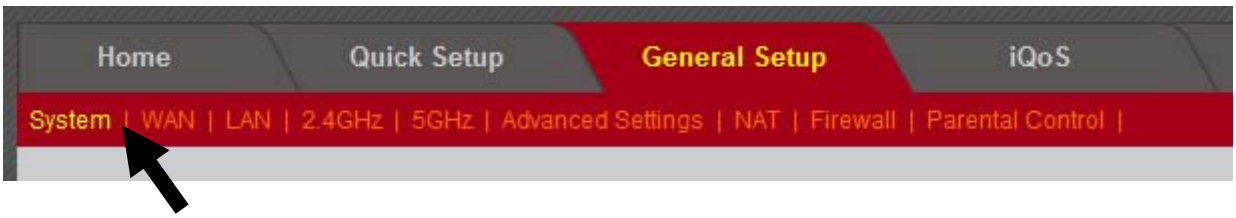
2. All available setup items will appear under the “General Setup” tab.

3. Refer to the following list for further instructions:

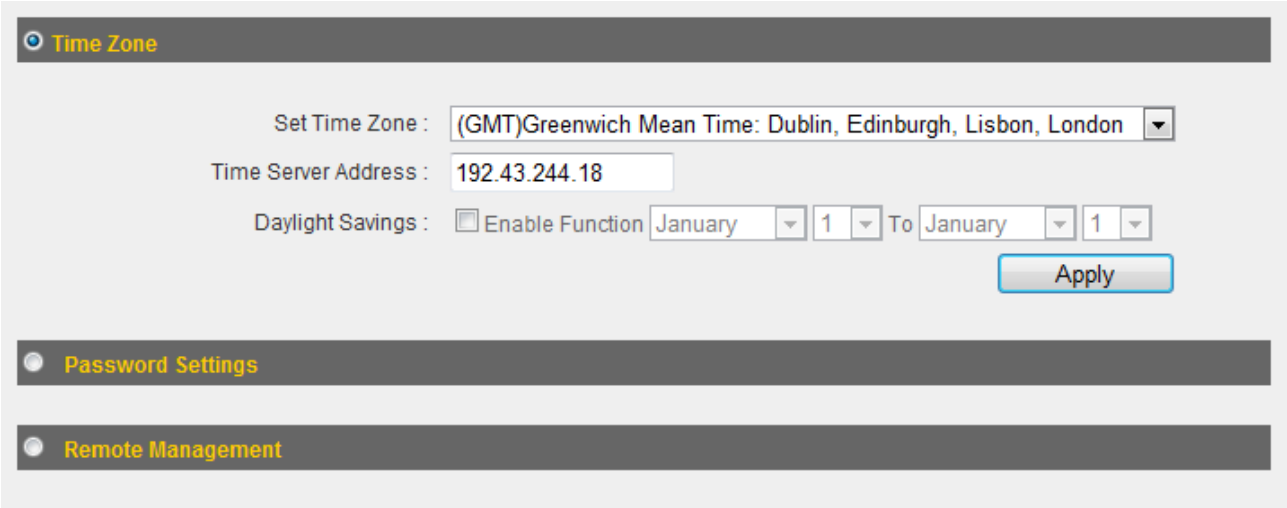
- System (See section 3-1)
- WAN (See section 3-2)
- LAN (See section 3-3)
- 2.4GHz (See section 3-4)
- 5GHz (See section 3-5)
- Advance Settings (See section 3-6)
- NAT (See section 3-7)
- Firewall (See section 3-8)
- Parental Control (See section 3-9)

3-1 System

You can set up basic system settings under “System”.

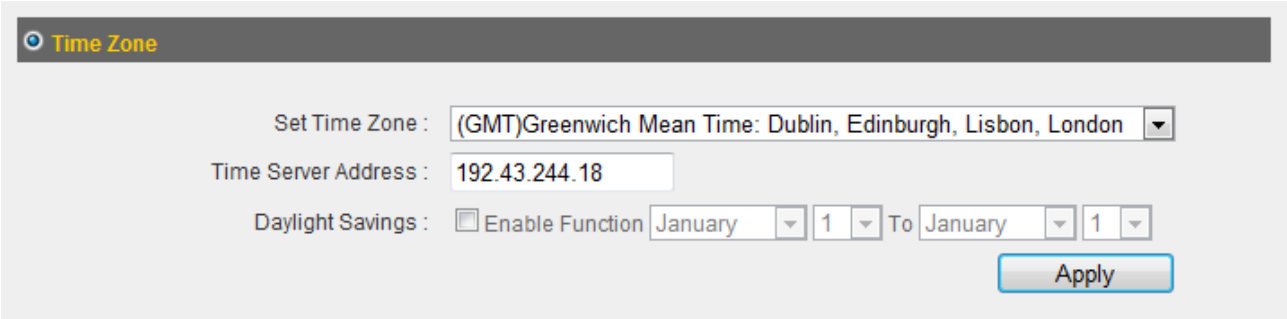


You can configure your time zone, password, and remote management settings here. After you have completed the configurations, click “Apply” to save the changes.



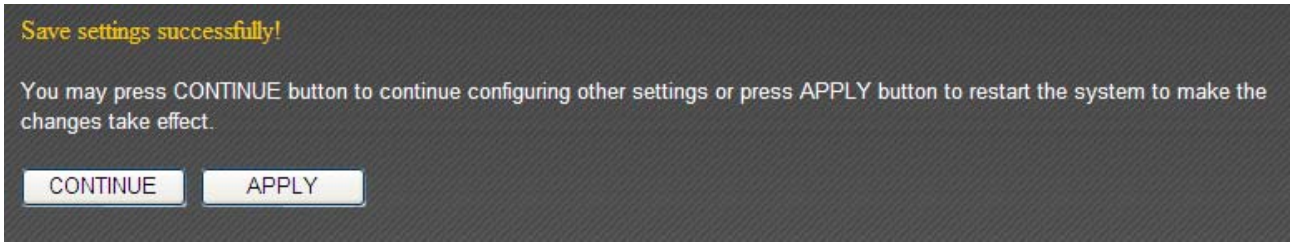
3-1-1 Time Zone

You can configure the time zone settings here.



Item Name	Description
Set Time Zone	Please select the time zone of your country or region. If you cannot find your country/region, please select another country/region whose time zone is the same as yours.
Time Server Address	This router supports NTP (Network Time Protocol) for automatic time and date setup. Input the host name or IP address of the NTP server here. If you do not know the host name, please ask the network administrator or use “pool.ntp.org”.
Daylight Saving	If your country/region uses daylight saving time, please check the “Enable Function” box, and select the start and end date.

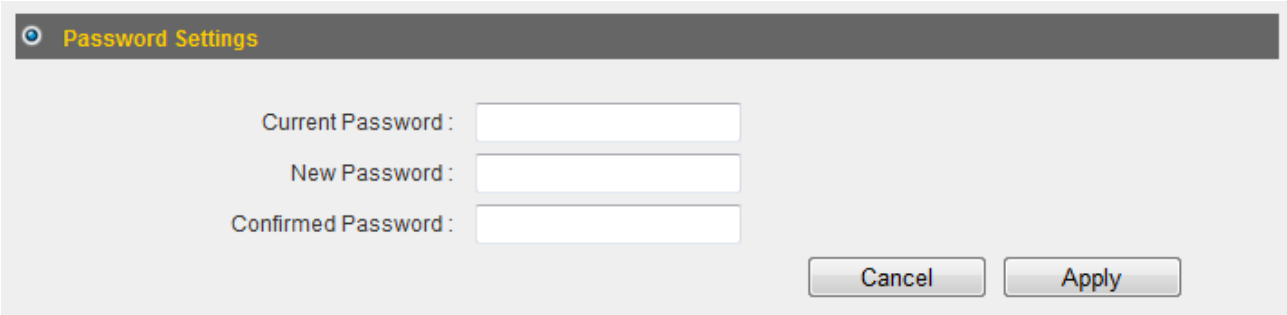
Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

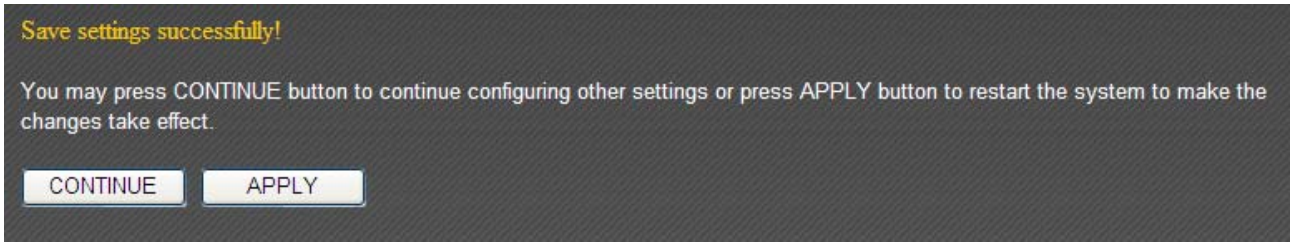
3-1-2 Password Settings

You can change the router's default login password ("1234") here. It is advised to do so to prevent others from logging in to your router without permission.



Item Name	Description
Current Password	Input the current password here. The default value is "1234".
New Password	Input your new password here.
Confirm Password	Input your new password again for confirmation.

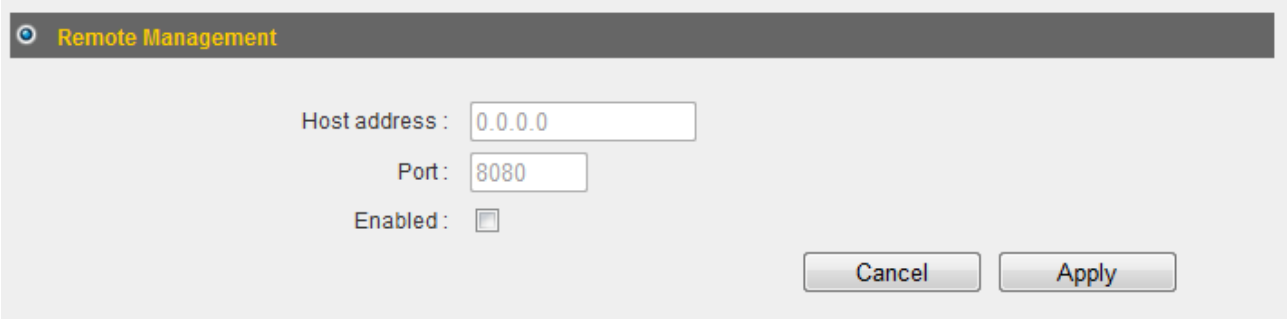
Click "Apply" to save the changes. After you have clicked "Apply", you will see the following message:



Click "Apply" to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click "Continue" to configure other settings.

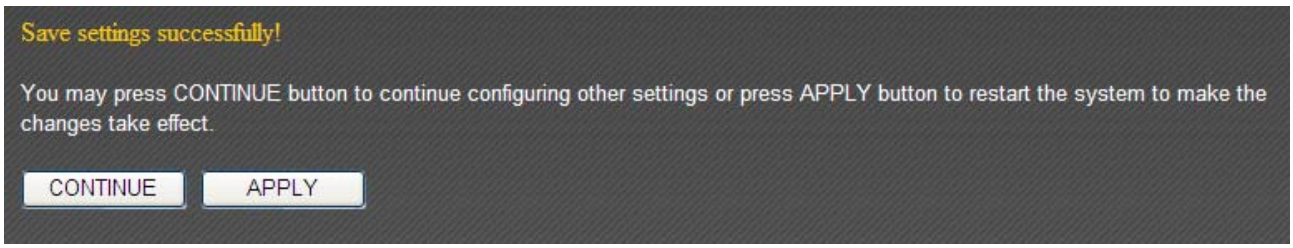
3-1-3 Remote Management

Setting up the “Remote Management” function allows you to manage this broadband router from outside your local area network (from the Internet).



Item Name	Description
Host Address	Assign an IP address with which to access this router remotely.
Port	Assign a port number with which to access this router remotely. The default value is “8080”. You can use any integer between 1 and 65534.
Enabled	Check this box to enable the “Remote Management” function.

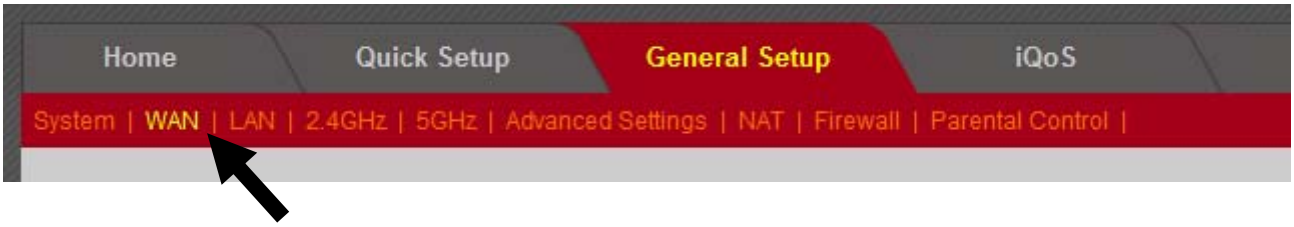
Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:



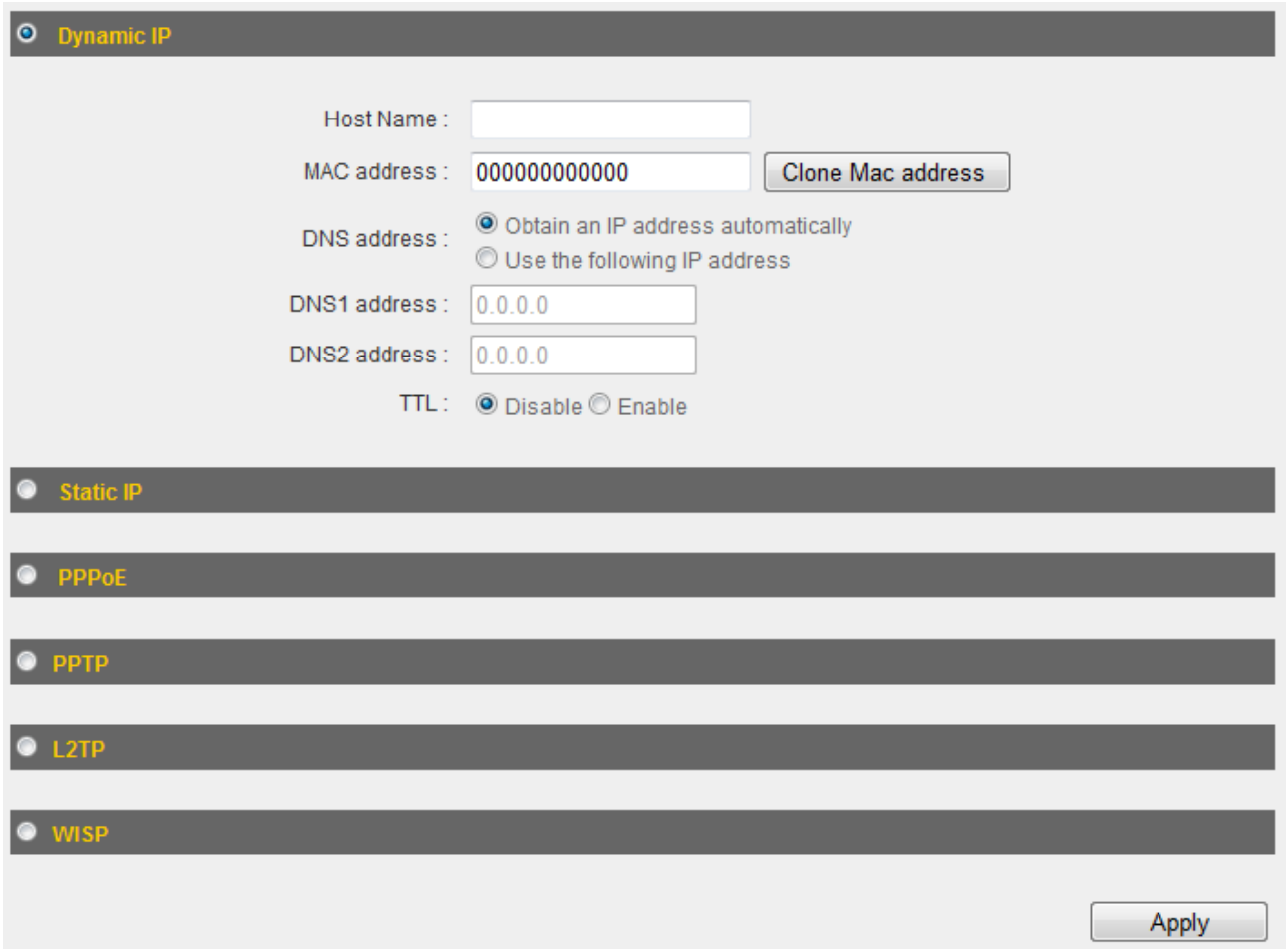
Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-2 WAN

You can set up your Internet or WAN (Wide Area Network) connection under “WAN”.

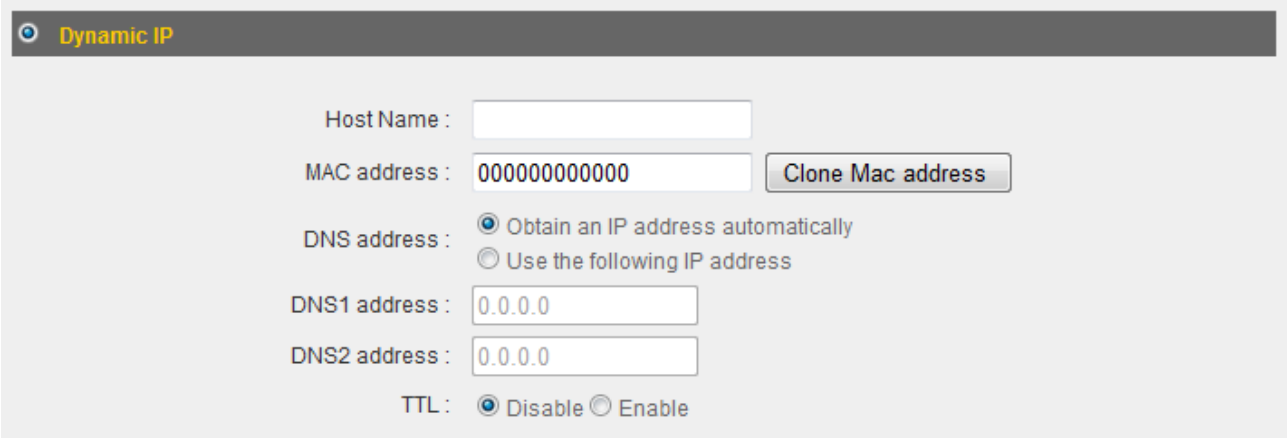


Select a connection type and proceed with the setup; then click “Apply” to save the changes. If you are not sure which connection type you should use, please contact your Internet service provider for help.



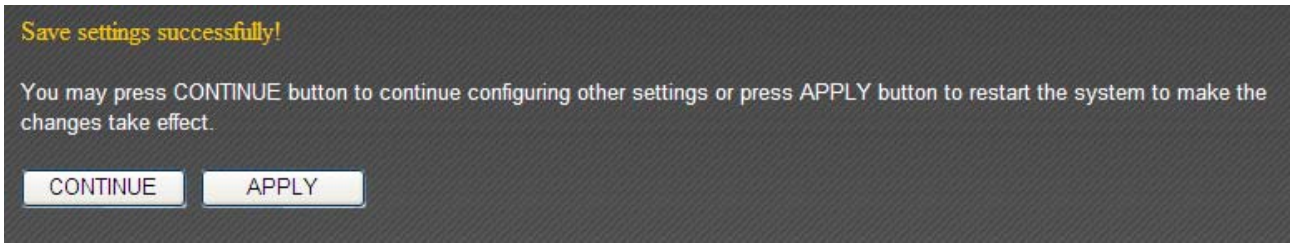
3-2-1 Dynamic IP

If your Internet service provider assigns IP addresses to you automatically through DHCP (Dynamic Host Configuration Protocol), select “Dynamic IP”.



Item Name	Description
Host Name	Input the host name of your computer here. This is optional and only required if your ISP asks you to do so.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
TTL	Enable the “TTL” function if your ISP requires you to do so.

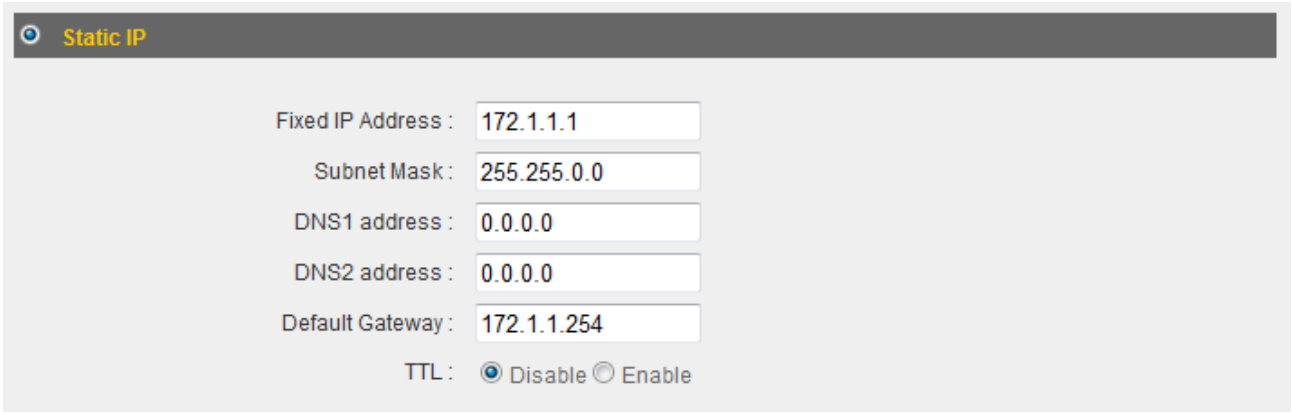
Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-2-2 Static IP

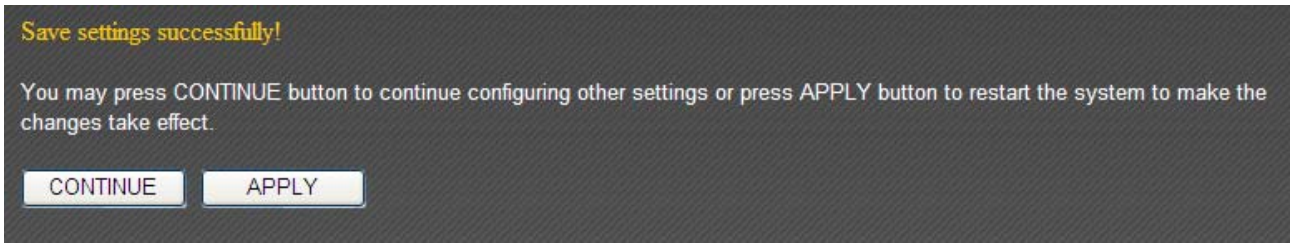
If your ISP is providing you Internet access via a fixed IP address, select “Static IP”. Generally, your ISP will provide you with such information as IP address, subnet mask, gateway address, and DNS address.



Item Name	Description
Fixed IP Address	Input the IP address assigned by your ISP here.
Subnet Mask	Input the subnet mask assigned by your ISP here.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
Default Gateway	Input the default gateway assigned by your ISP here. Some ISPs may call this “Default Route”.
TTL	Enable the “TTL” function if your ISP requires you to do so.

NOTE: You must use the addresses provided by your ISP. Inputting incorrect values will cause malfunction.

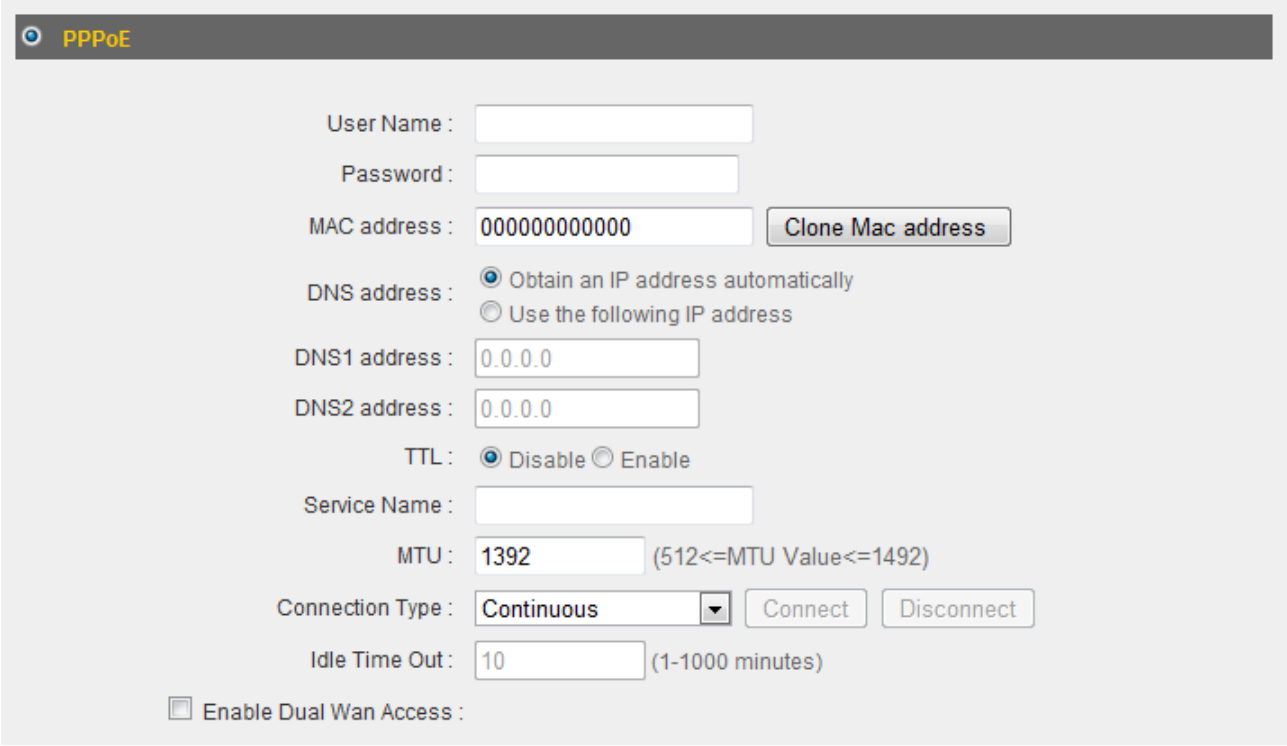
Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-2-3 PPPoE

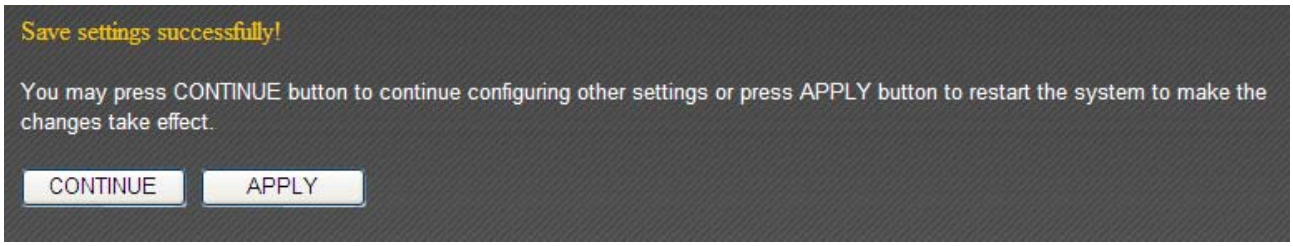
If your ISP is providing you Internet access via PPPoE (Point-to-Point Protocol over Ethernet), select “PPPoE”.



Item Name	Description
User Name	Input the user name assigned by your ISP here.
Password	Input the password assigned by your ISP here.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
TTL	Enable the “TTL” function if your ISP requires you to do so.
Service Name	Give this Internet service a name (optional).
MTU	Input the MTU value of your network connection here. If you do not know, use the default value.
Connection Type	Please specify a connection type here. There are 3 options: 1. “Continuous” keeps the Internet connection alive all the time.

	2. “Connect on Demand” only connects to the Internet when you initiate Internet connection. 3. “Manual” connects to the Internet only when the “Connect” button on this page is clicked, and disconnects when the “Disconnect” button is clicked.
Idle Time Out	Specify the amount of time the router waits before shutting down an idle connection. This option is only available when “Connect on Demand” is selecte
Enable Dual-WAN Access	Check the “Enable Dual-WAN Access” box if your ISP requires you to do so.

Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:

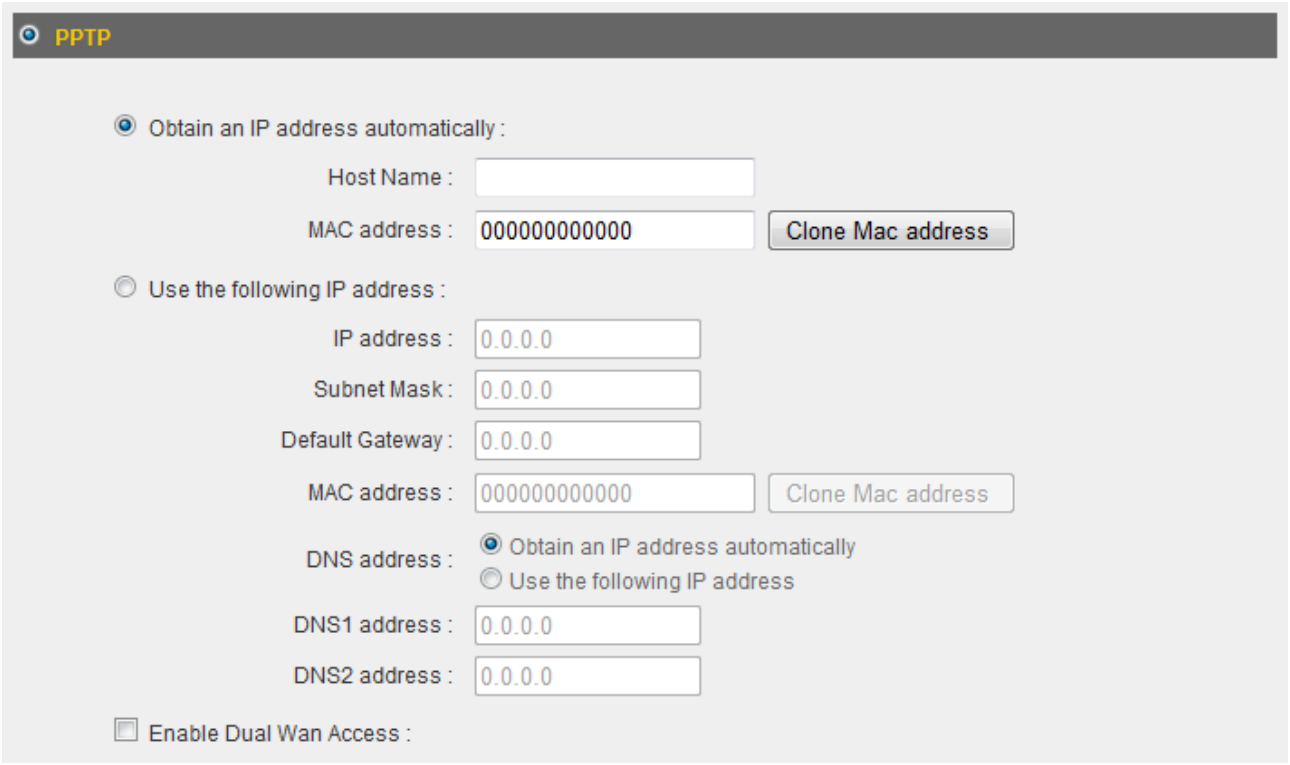


Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-2-4 PPTP

Select “PPTP” if your ISP is providing you Internet access via PPTP (Point-to-Point Tunneling Protocol).

If your ISP is providing you dynamic IP addresses, select “Obtain an IP address automatically”. If your ISP is providing you a static IP address, select “Use the following IP address”.

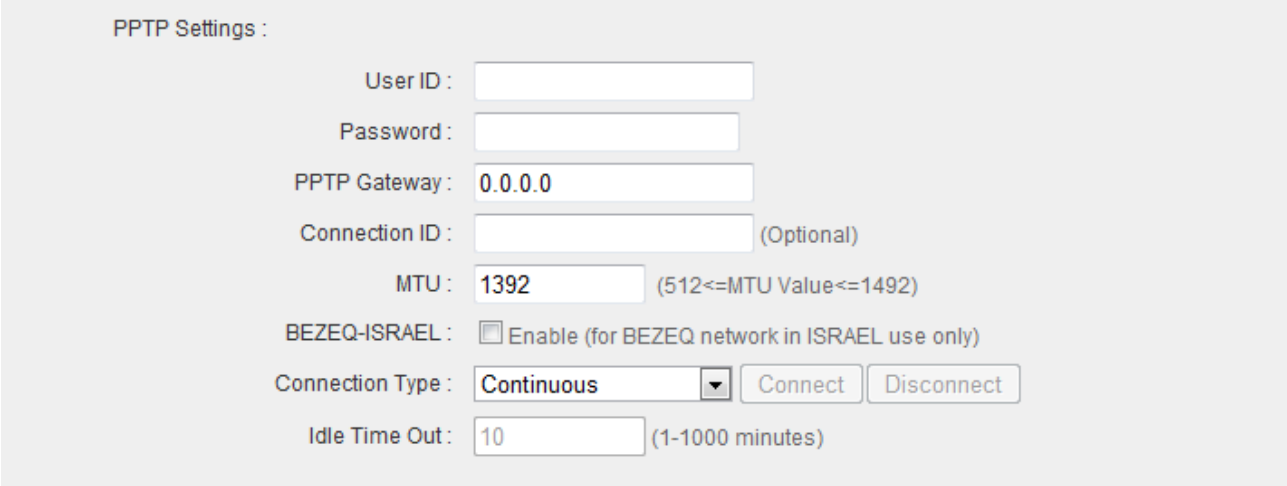


Item Name	Description
Host Name	Input the host name of your computer here. This is optional and only required if your ISP asks you to do so.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
IP Address	Input the IP address assigned by your ISP here.
Subnet Mask	Input the subnet mask assigned by your ISP here.
Default Gateway	Input the default gateway assigned by your ISP here. Some ISPs may call this “Default Route”.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.

DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
Enable Dual-WAN Access	Check the “Enable Dual-WAN Access” box if your ISP requires you to do so.

NOTE: These settings must be configured according to your Internet service. Please contact your Internet service provider if you are not sure what to select.

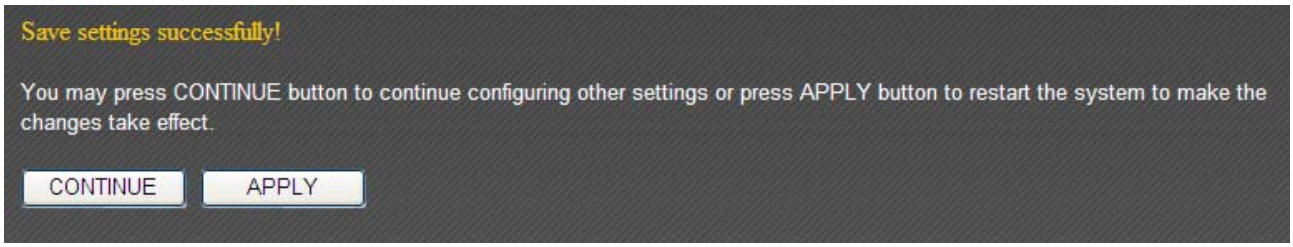
Configure the “PPTP Settings” section.



Item Name	Description
User ID	Input the user name assigned by your ISP here.
Password	Input the password assigned by your ISP here.
PPTP Gateway	Input the PPTP gateway assigned by your ISP here.
Connection ID	Give this connection a name (optional).
MTU	Input the MTU value of your network connection here. If you do not know, use the default value.
BEZEQ-ISRAEL	Check the “Enable” box if you are in Israel and using BEZEQ network services.
Connection Type	Please specify a connection type here. There are 3 options: 1. “Continuous” keeps the Internet connection alive all the time. 2. “Connect on Demand” only connects to the Internet when you initiate Internet connection. 3. “Manual” connects to the Internet only when the “Connect” button on this page is clicked, and disconnects when the “Disconnect” button is clicked.

Idle Time Out	Specify the amount of time the router waits before shutting down an idle connection. This option is only available when “Connect on Demand” is selected.

Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:

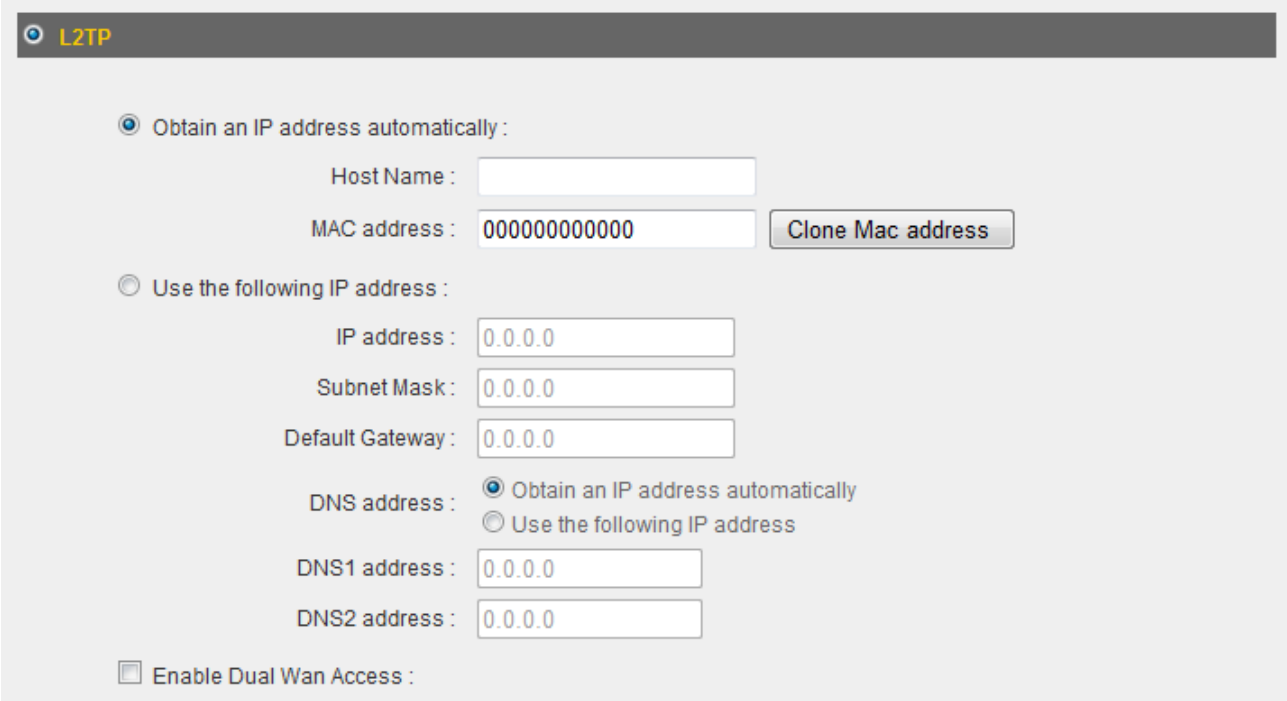


Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-2-5 L2TP

Select “L2TP” if your ISP is providing you Internet access via L2TP (Layer-2 Tunneling Protocol).

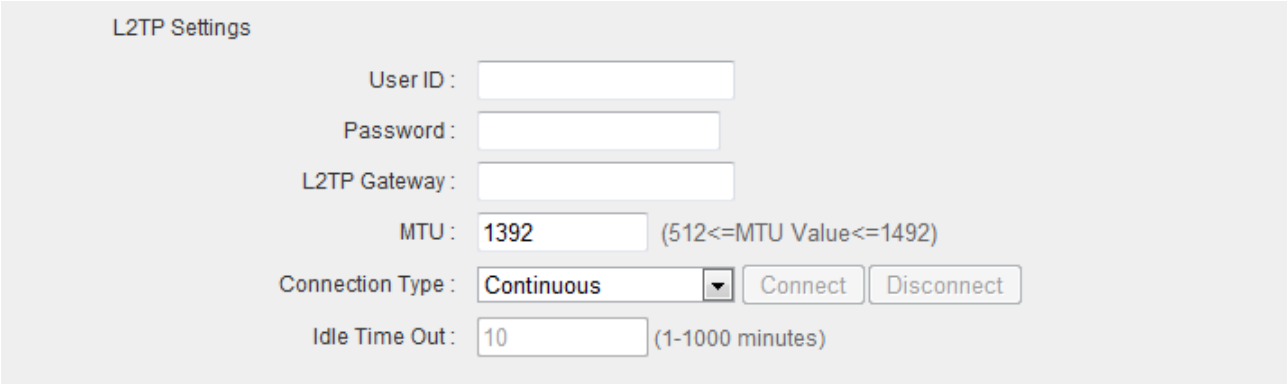
If your ISP is providing you dynamic IP addresses, select “Obtain an IP address automatically”. If your ISP is providing you a static IP address, select “Use the following IP address”.



Item Name	Description
Host Name	Input the host name of your computer here. This is optional and only required if your ISP asks you to do so.
MAC Address	If your ISP only permits computers with certain MAC addresses to access the Internet, input your computer’s MAC address here. Press “Clone Mac address” to fill the MAC address field with your computer’s MAC address automatically.
IP Address	Input the IP address assigned by your ISP here.
Subnet Mask	Input the subnet mask assigned by your ISP here.
Default Gateway	Input the default gateway assigned by your ISP here. Some ISPs may call this “Default Route”.
DNS Address	Select “Use the following IP address” if your ISP requires that you do so.
DNS Address 1 and 2	Enter the primary and secondary DNS addresses assigned by your ISP here.
Enable Dual-WAN Access	Check the “Enable Dual-WAN Access” box if your ISP requires you to do so.

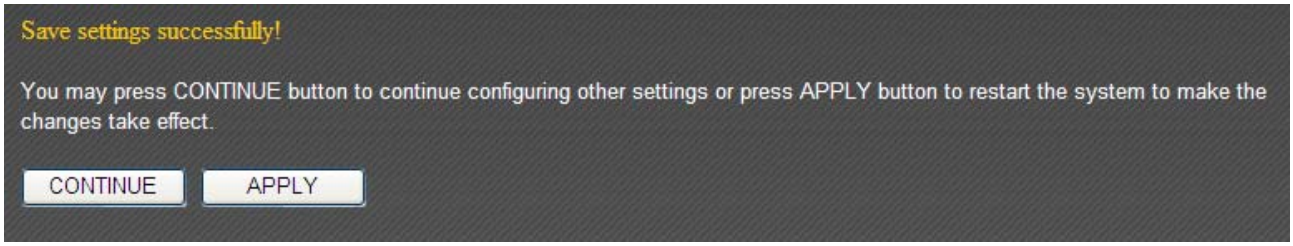
NOTE: These settings must be configured according to your Internet service. Please contact your Internet service provider if you are not sure what to select.

Configure the “L2TP Settings” section.



Item Name	Description
User ID	Input the user name assigned by your ISP here.
Password	Input the password assigned by your ISP here.
L2TP Gateway	Input the L2TP gateway assigned by your ISP here.
MTU	Input the MTU value of your network connection here. If you do not know, use the default value.
Connection Type	Please specify a connection type here. There are 3 options: 1. “Continuous” keeps the Internet connection alive all the time. 2. “Connect on Demand” only connects to the Internet when you initiate Internet connection. 3. “Manual” connects to the Internet only when the “Connect” button on this page is clicked, and disconnects when the “Disconnect” button is clicked.
Idle Time Out	Specify the amount of time the router waits before shutting down an idle connection. This option is only available when “Connect on Demand” is selected.

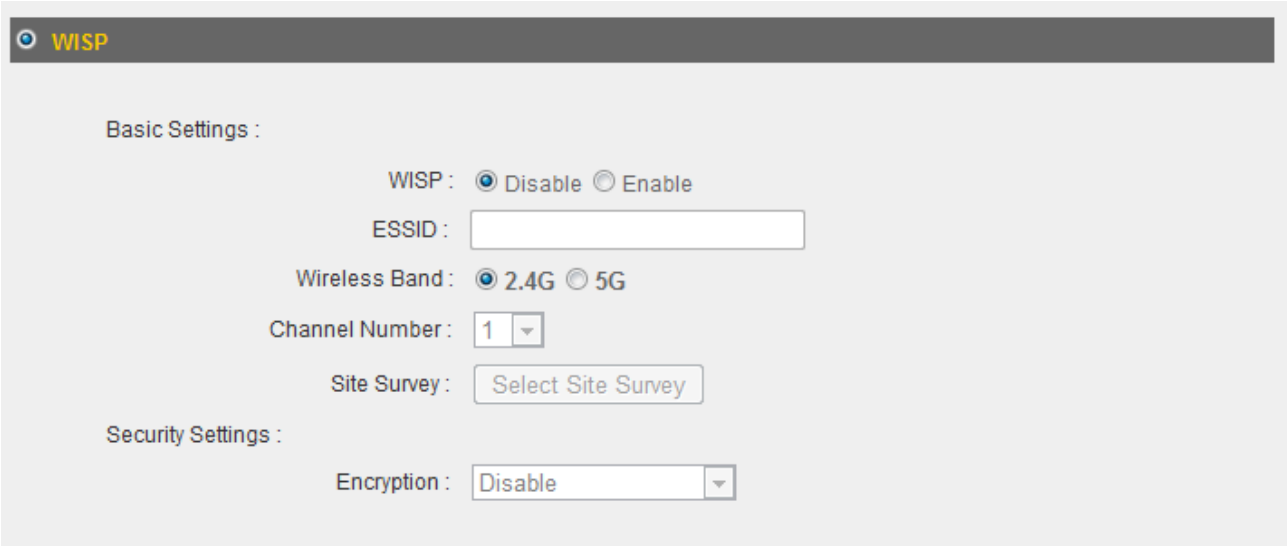
Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

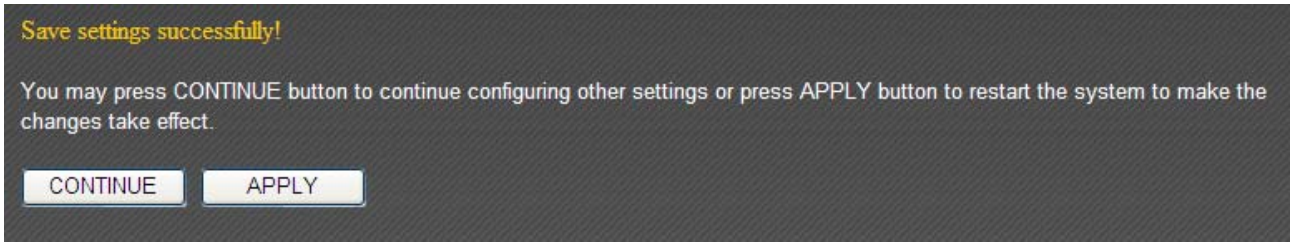
3-2-6 WISP

If your Internet service provider is providing you Internet service wirelessly, select “WISP”.



Item Name	Description
WISP	Enable or disable the WISP function.
ESSID	Input the name of your Internet service provider’s wireless access point here.
Wireless Band	Set the wireless frequency range in accordance with your Internet service provider’s requirements.
Channel Number	Select the channel number that corresponds to that of your Internet service provider’s wireless access point.
Site Survey	Click “Select Site Survey” and a pop-up window will appear. All reachable wireless access points will be shown in the window. Select a wireless access point from the list, and click “Done” to establish a connection. Clicking “Refresh” will renew the list.
Security Settings	Configure the security settings in accordance to your Internet service provider’s requirements.

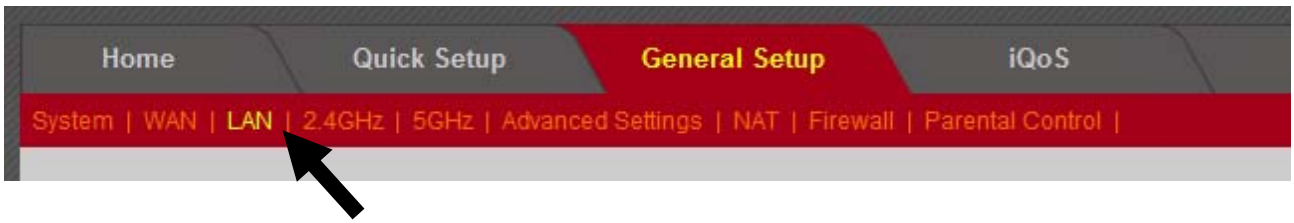
Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-3 LAN

You can configure your local area network under “LAN”.

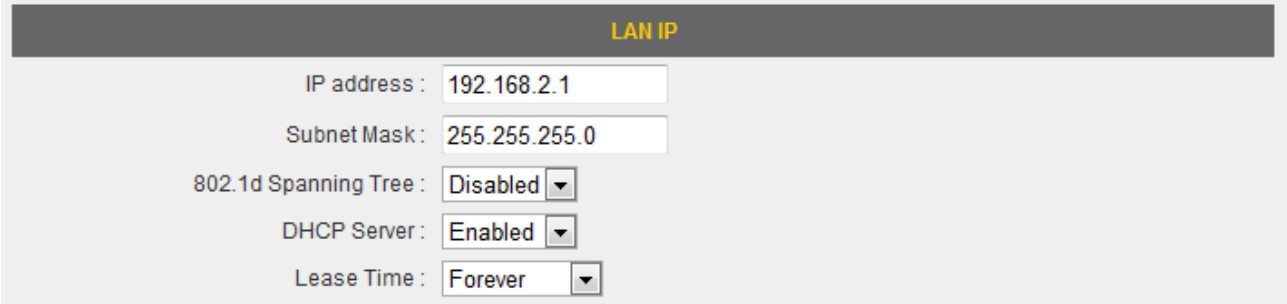


Refer to the following list for further instructions:

- LAN IP (See section 3-3-1)
- DHCP Server (See section 3-3-2)
- Static DHCP Leases (See section 3-3-3)

3-3-1 LAN IP

You can assign the LAN interface’s IP address under “LAN IP”.



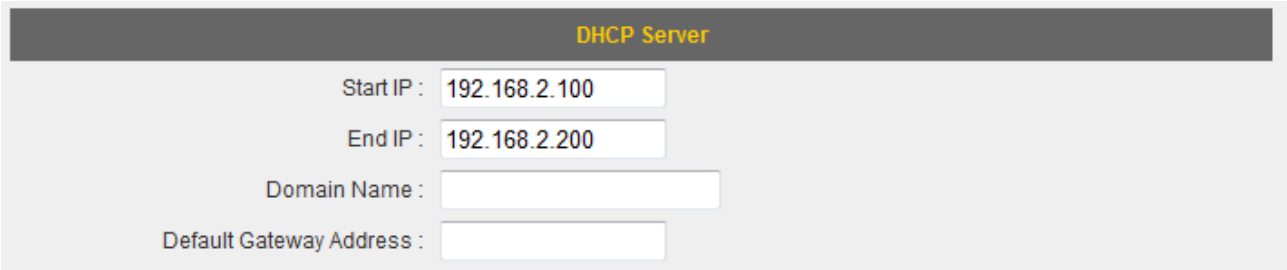
Item Name	Description
IP Address	Assign the LAN interface’s IP address here.
Subnet Mask	Please input a subnet mask value for this network.
802.1d Spanning Tree	If you wish to activate the 802.1d spanning tree function, select “Enabled”.
DHCP Server	If you wish to activate the DHCP server function, select “Enabled”.
Lease Time	Select a lease time for the DHCP leases here. The DHCP client will be forced to obtain a new IP address after the period expires. You can select “Forever” if you are using this broadband router with less than 30 computers.

If you are not sure what to fill, here are some recommended values:

- IP Address: “192.168.1.254”
- Subnet Mask: “255.255.255.0”
- 802.1d Spanning Tree: “Disabled”
- DHCP Server: “Enabled”
- Lease Time: “Two Weeks” or “Forever”

3-3-2 DHCP Server

You can set the range of IP address leases under “DHCP Server”.



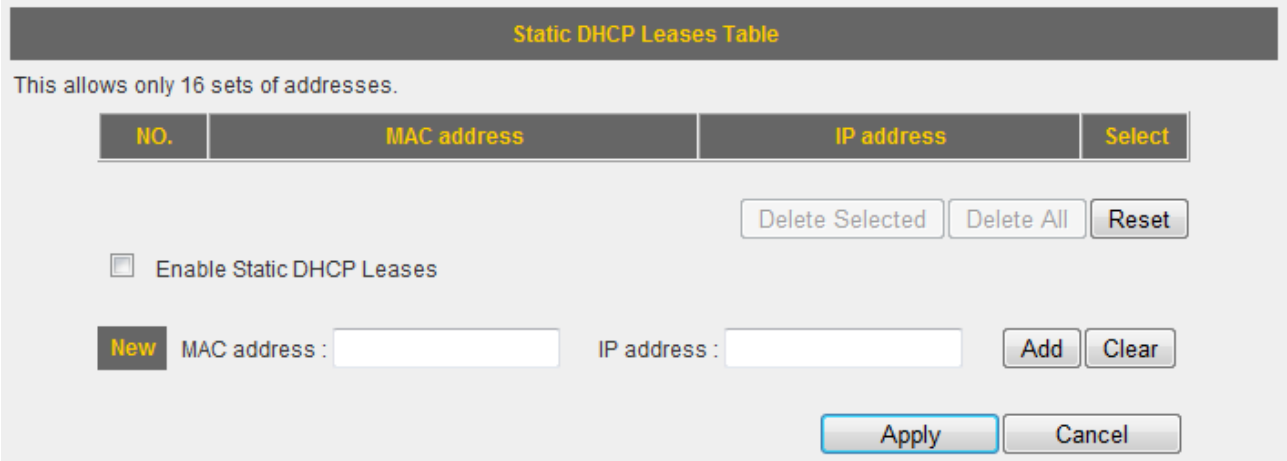
Item Name	Description
Start IP	Enter the start IP address for the DHCP server’s IP assignment.
End IP	Enter the end IP address for the DHCP server’s IP assignment.
Domain Name	You can input a domain name for your network (optional).
Default Gateway Address	You can assign a default gateway here (optional).

If you are not sure what to fill, here are some recommended values:

- Start IP: “192.168.1.1”
- End IP: “192.168.1.200”
- Domain Name: (blank)
- Default Gateway Address: (blank)

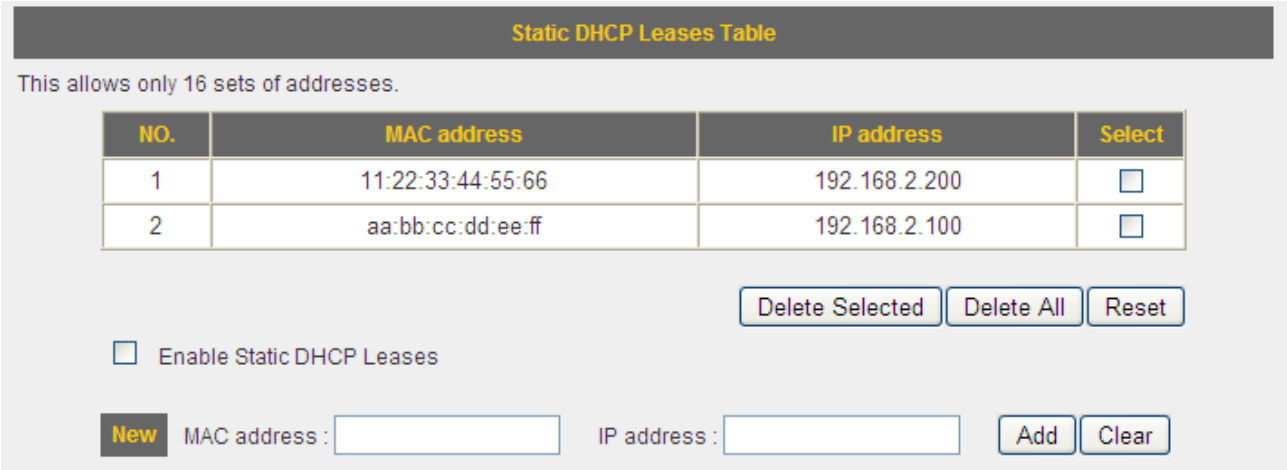
3-3-3 Static DHCP Leases

You can set the router to assign a static IP address to specified computers/devices under “Static DHCP Leases”.

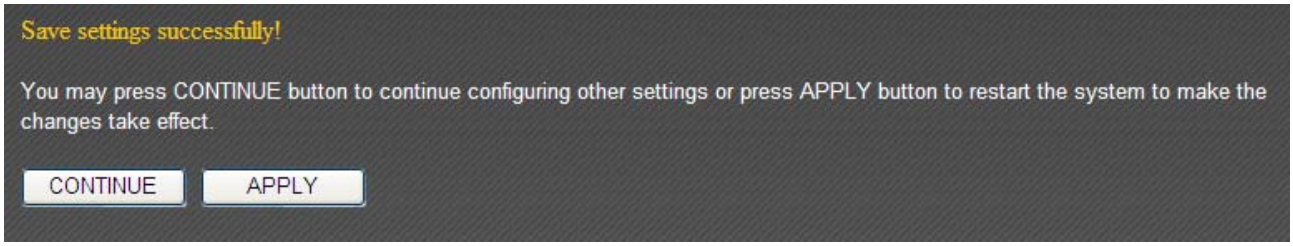


Item Name	Description
Enable Static DHCP Leases	Check this box to enable the function.
MAC Address	Input the specified computer’s MAC address here.
IP Address	Assign a fixed IP address for the specified computer here.
Add	After you have entered the MAC address and the IP address, click “Add” to add the information to the “Static DHCP Leases Table”.
Clear	Click “Clear” to clear the MAC address and IP address fields.

All the assigned entries will be listed as follows:



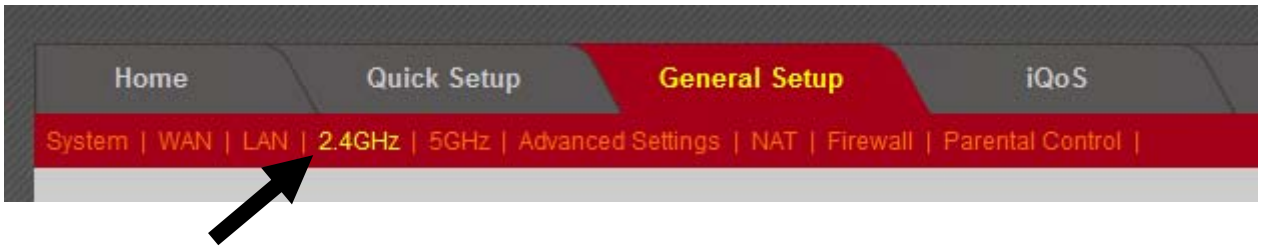
Click “Apply” to save the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

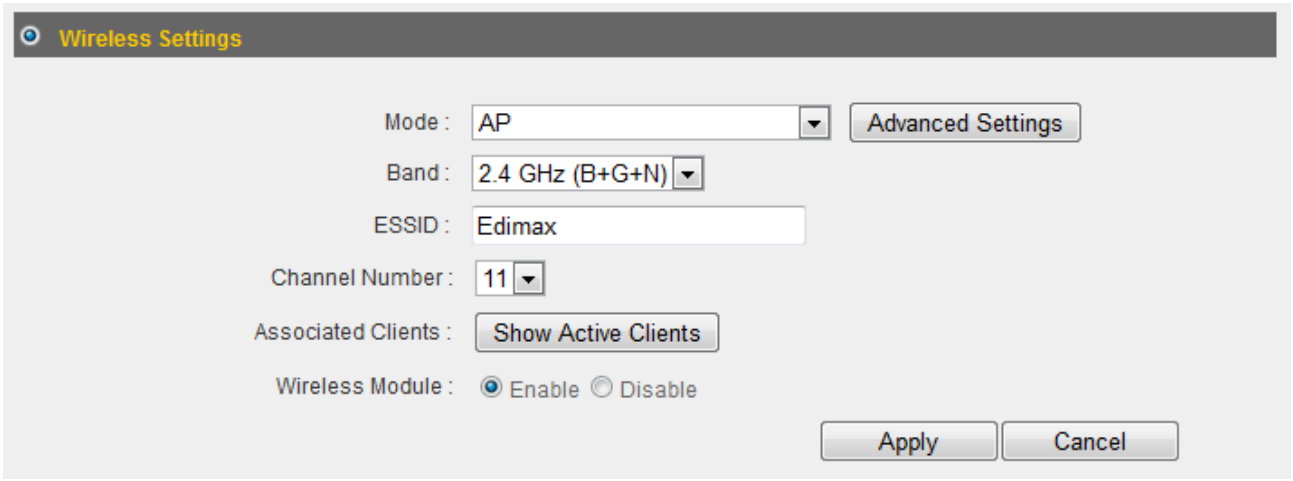
3-4 2.4GHz

You can set up the 2.4GHz wireless LAN connection under “2.4GHz”.



3-4-1 Wireless Settings

Basic 2.4GHz wireless settings can be configured here.

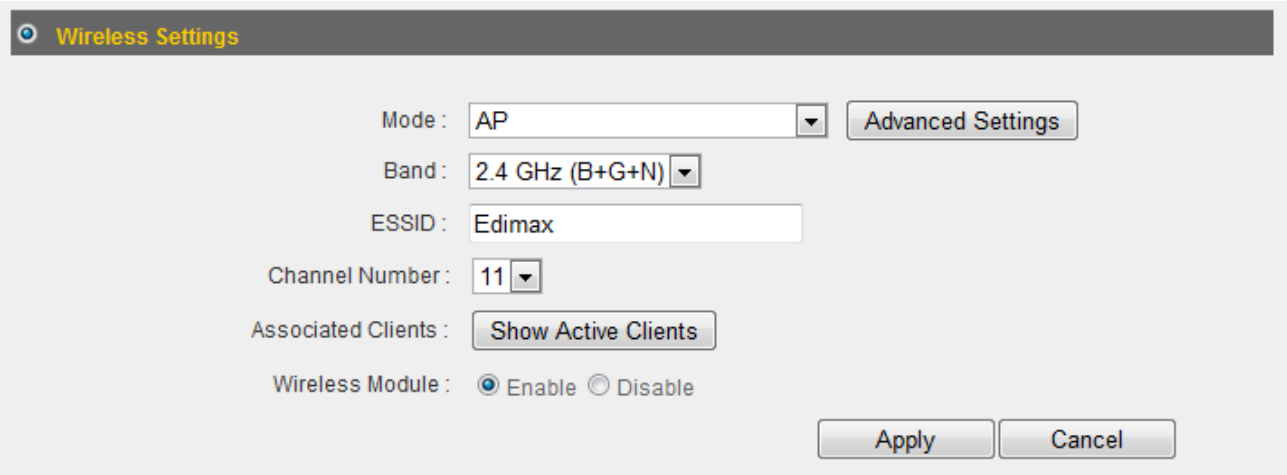


This router can operate in 6 different modes:

- AP: Wireless access point
- Station-Infrastructure: Acts as both wireless communication client and server
- AP Bridge—Point to Point: Connects this router with another broadband router
- AP Bridge—Point to Multi-Point: Connects this router with up to 4 other broadband routers
- AP Bridge—WDS: Connects this router with up to 4 WDS-capable broadband routers
- Universal Repeater: Repeats another wireless access point’s signal to extend its wireless signal coverage

3-4-1-1 AP Mode

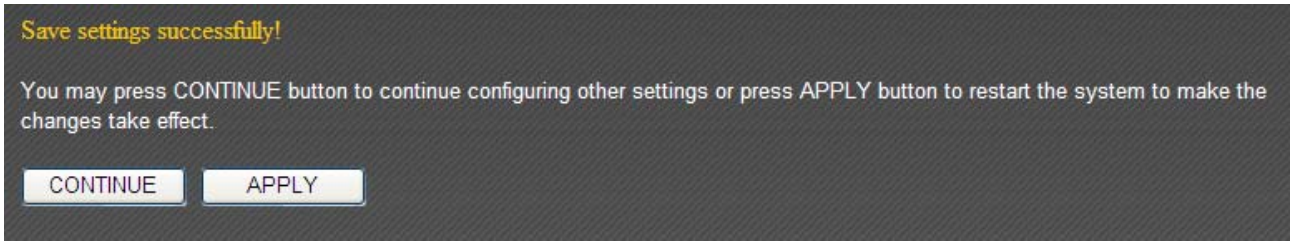
The following settings will appear in “AP” mode:



Item Name	Description
Band	Select from one of the following options: 2.4GHz (B): Allows 802.11b wireless network clients to connect to this router (maximum transfer rate 11Mbps). 2.4GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 2.4GHz (B+G): Allows 802.11b and 802.11g wireless network clients to connect to this router (maximum transfer rate 11Mbps for 802.11b clients and 54Mbps for 802.11g clients). 2.4GHz (G): Allows 802.11g wireless network clients to connect to this router (maximum transfer rate 54Mbps). 2.4GHz (B+G+N): Allows 802.11b, 802.11g, and 802.11n wireless clients to connect to this router (recommended).
ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).
Channel Number	Select a channel from the dropdown menu. You can

	select the channel of your preference (1 to 13).
Associated Clients	Click “Show Active Clients” for the list of all connected wireless clients. Click “Refresh” in the new window to renew the list, and click “Close” to close the window. Note: If you have a pop-up blocker installed, you may have to disable it, or set it to allow the pop-up window to show up.
Wireless Module	Select “Enable” to turn on the 2.4GHz wireless signal and select “Disable” to turn it off.

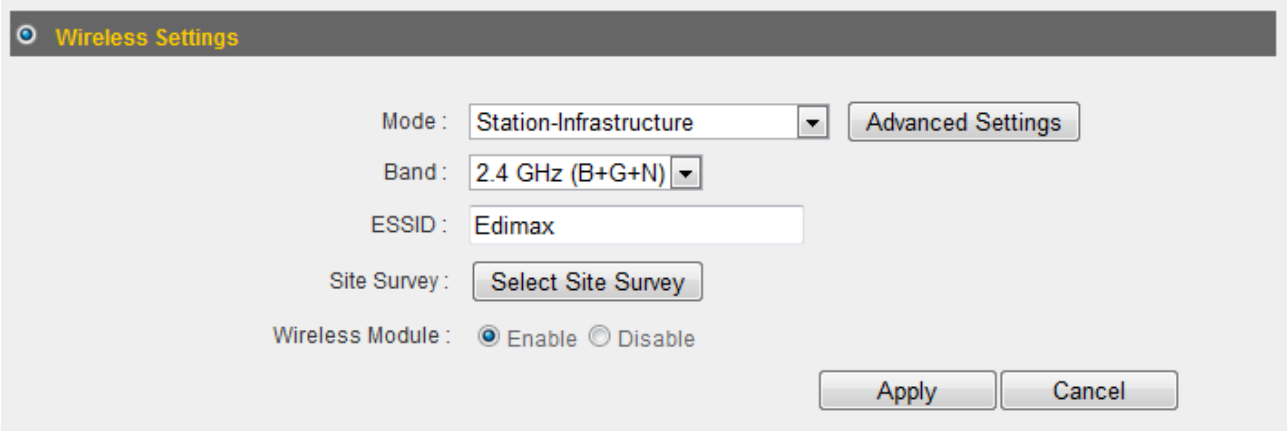
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-4-1-2 Station-Infrastructure

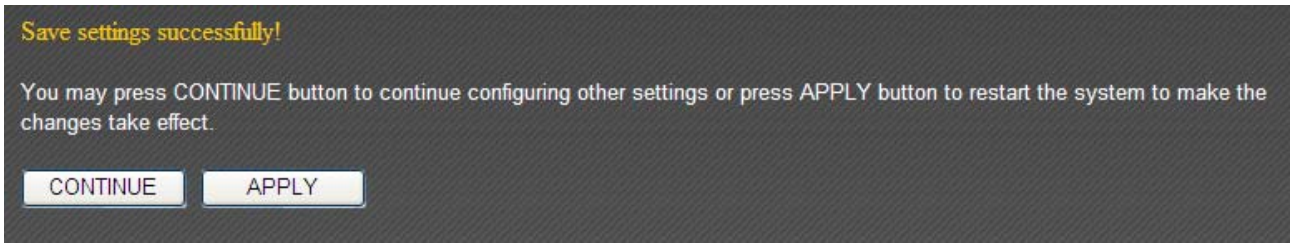
In “Station-Infrastructure” mode, the router acts as both a wireless communication client and a wireless communication server. The following settings will appear in “Station-Infrastructure” mode:



Item Name	Description
Band	Select from one of the following options: 2.4GHz (B): Allows 802.11b wireless network clients to connect to this router (maximum transfer rate 11Mbps). 2.4GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 2.4GHz (B+G): Allows 802.11b and 802.11g wireless network clients to connect to this router (maximum transfer rate 11Mbps for 802.11b clients and 54Mbps for 802.11g clients). 2.4GHz (G): Allows 802.11g wireless network clients to connect to this router (maximum transfer rate 54Mbps). 2.4GHz (B+G+N): Allows 802.11b, 802.11g, and 802.11n wireless clients to connect to this router (recommended).
ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).

Site Survey	Click “Select Site Survey” and a pop-up window will appear. All reachable wireless access points will be shown in the window. Select a wireless access point from the list, and click “Done” to establish a connection. Clicking “Refresh” will renew the list.
Wireless Module	Select “Enable” to turn on the 2.4GHz wireless signal and select “Disable” to turn it off.

Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:

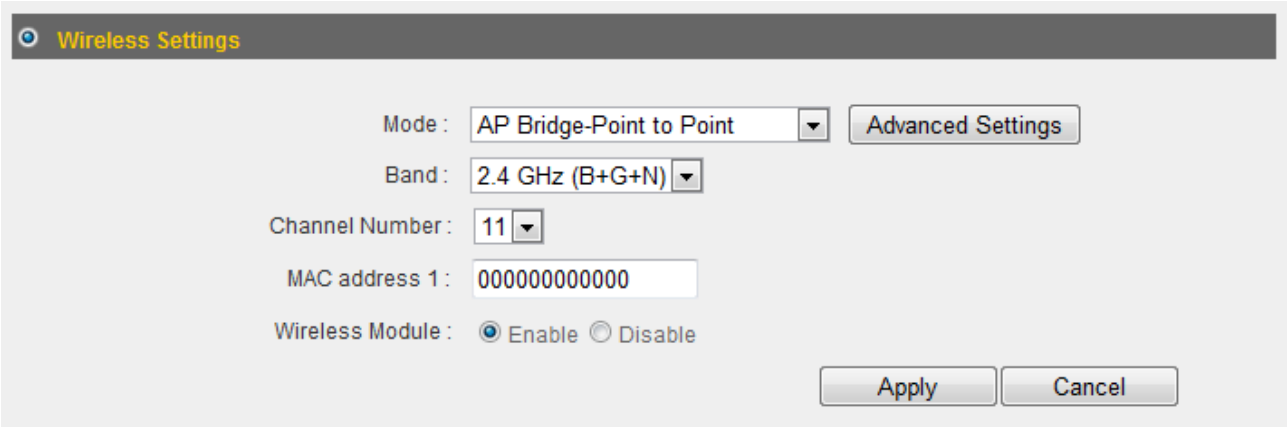


Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-4-1-3 AP Bridge—Point to Point

"AP Bridge—Point to Point" mode connects this router to another router and allows all the computers connected to the LAN ports of both routers to communicate with each other.

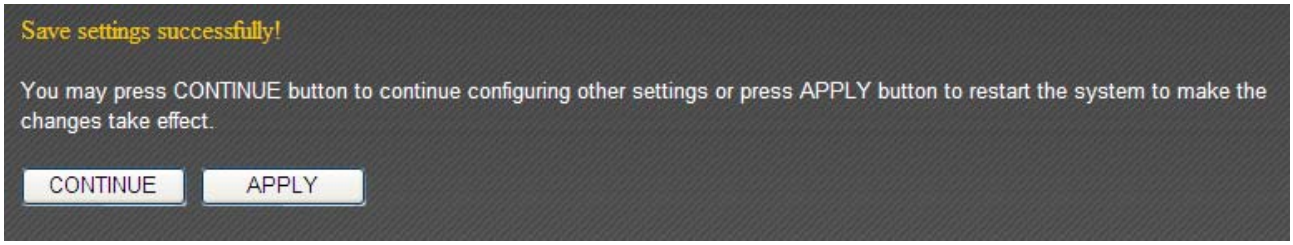
Please note that when you select this mode, this broadband router will act as a wireless bridge only. It will not accept other wireless clients. If you wish to use this function with a wireless access point that supports WDS, please select "AP Bridge—WDS" mode.



Item Name	Description
Band	Select from one of the following options: 2.4GHz (B): Allows 802.11b wireless network clients to connect to this router (maximum transfer rate 11Mbps). 2.4GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 2.4GHz (B+G): Allows 802.11b and 802.11g wireless network clients to connect to this router (maximum transfer rate 11Mbps for 802.11b clients and 54Mbps for 802.11g clients). 2.4GHz (G): Allows 802.11g wireless network clients to connect to this router (maximum transfer rate 54Mbps). 2.4GHz (B+G+N): Allows 802.11b, 802.11g, and 802.11n wireless clients to connect to this router (recommended).

Channel Number	Select a channel from the dropdown menu. Both access points must use the same channel (1 to 13).
MAC Address 1	Input the MAC address of the wireless access point with which you wish to connect.
Wireless Module	Select “Enable” to turn on the 2.4GHz wireless signal and select “Disable” to turn it off.

Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:

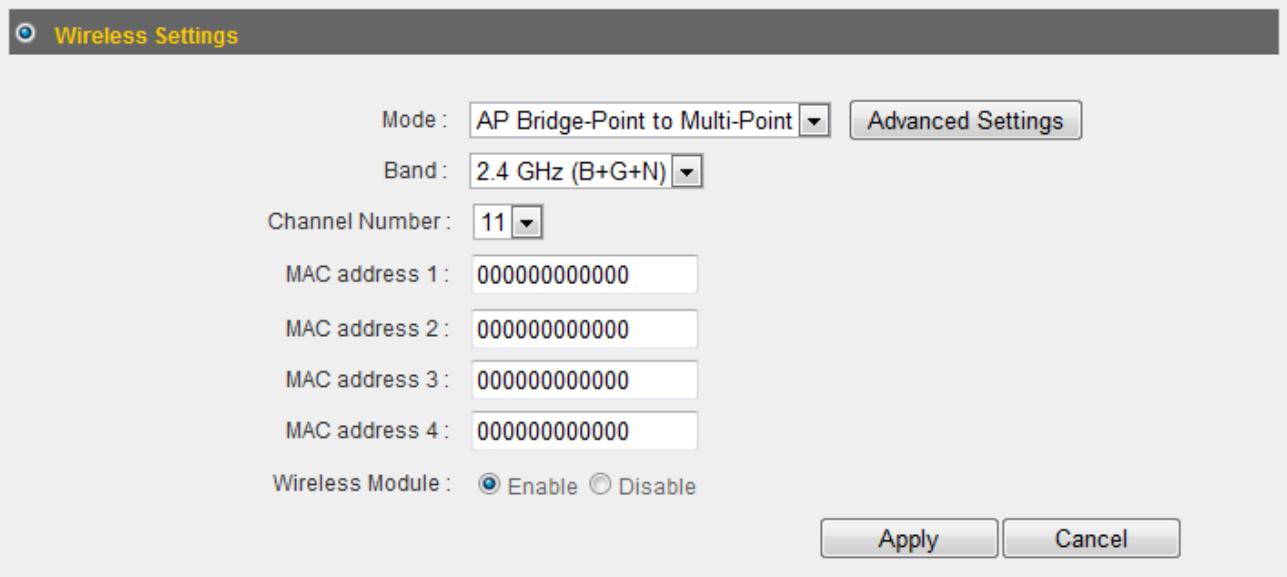


Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-4-1-4 AP Bridge—Point to Multi-Point

"AP Bridge—Point to Multi-Point" mode connects this router to up to 4 other routers and allows the computers connected to the LAN ports of every router to communicate with each other.

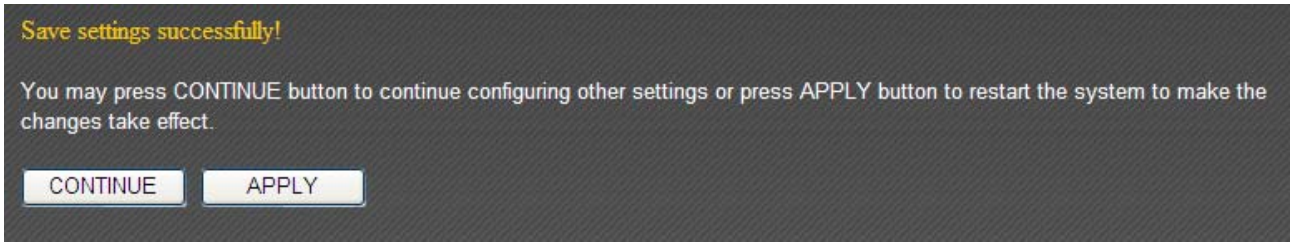
Please note that when you select this mode, this broadband router will act as a wireless bridge only. It will not accept other wireless clients. If you wish to use this function with a wireless access point that supports WDS, please select "AP Bridge—WDS" mode.



Item Name	Description
Band	Select from one of the following options: 2.4GHz (B): Allows 802.11b wireless network clients to connect to this router (maximum transfer rate 11Mbps). 2.4GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 2.4GHz (B+G): Allows 802.11b and 802.11g wireless network clients to connect to this router (maximum transfer rate 11Mbps for 802.11b clients and 54Mbps for 802.11g clients). 2.4GHz (G): Allows 802.11g wireless network clients to connect to this router (maximum transfer rate 54Mbps).

	2.4GHz (B+G+N): Allows 802.11b, 802.11g, and 802.11n wireless clients to connect to this router (recommended).
Channel Number	Select a channel from the dropdown menu. All access points must use the same channel (1 to 13).
MAC Address 1 to 4	Input the MAC addresses of the wireless access points with which you wish to connect.
Wireless Module	Select “Enable” to turn on the 2.4GHz wireless signal and select “Disable” to turn it off.

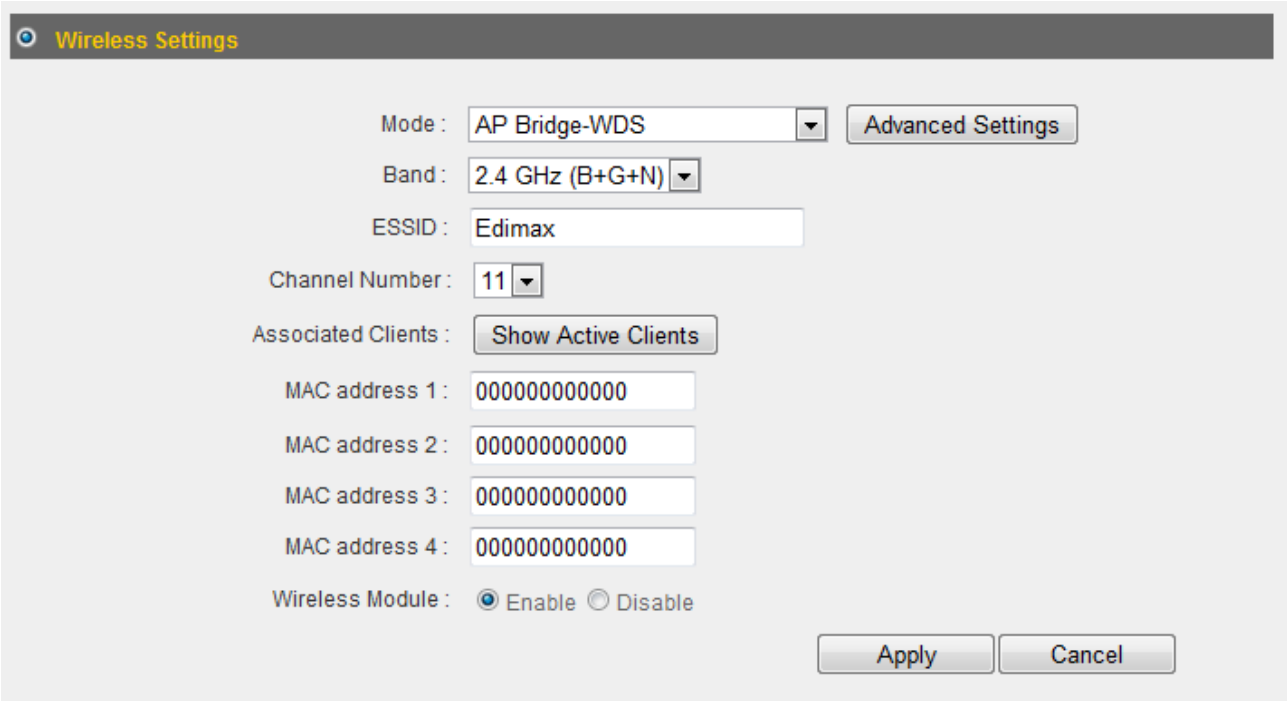
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-4-1-5 AP Bridge—WDS

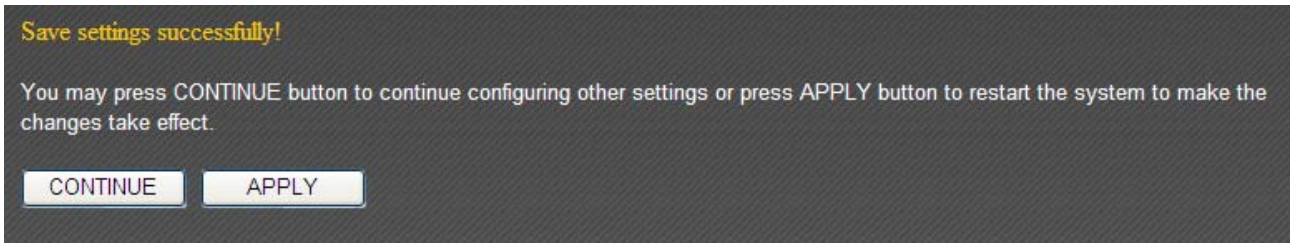
In “AP Bridge—WDS” mode, this broadband router acts as both a wireless communication bridge and a wireless access point. This router can connect to up to 4 WDS-compatible wireless access points and allows the computers connected every AP to communicate with each other.



Item Name	Description
Band	Select from one of the following options: 2.4GHz (B): Allows 802.11b wireless network clients to connect to this router (maximum transfer rate 11Mbps). 2.4GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 2.4GHz (B+G): Allows 802.11b and 802.11g wireless network clients to connect to this router (maximum transfer rate 11Mbps for 802.11b clients and 54Mbps for 802.11g clients). 2.4GHz (G): Allows 802.11g wireless network clients to connect to this router (maximum transfer rate 54Mbps).

	2.4GHz (B+G+N): Allows 802.11b, 802.11g, and 802.11n wireless clients to connect to this router (recommended).
ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).
Channel Number	Select a channel from the dropdown menu. All access points must use the same channel (1 to 13).
Associated Clients	Click “Show Active Clients” for the list of all connected wireless clients. Click “Refresh” in the new window to renew the list, and click “Close” to close the window. Note: If you have a pop-up blocker installed, you may have to disable it, or set it to allow the pop-up window to show up.
MAC address 1 to 4	Input the MAC addresses of the wireless access points with which you wish to connect.
Wireless Module	Select “Enable” to turn on the 2.4GHz wireless signal and select “Disable” to turn it off.

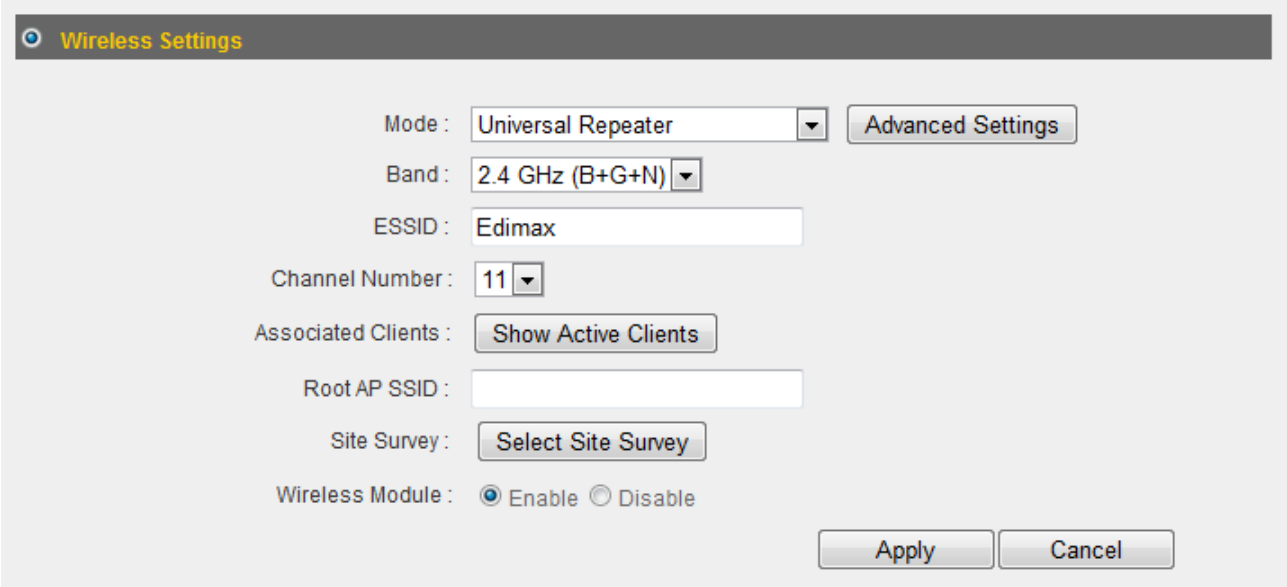
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-4-1-6 Universal Repeater

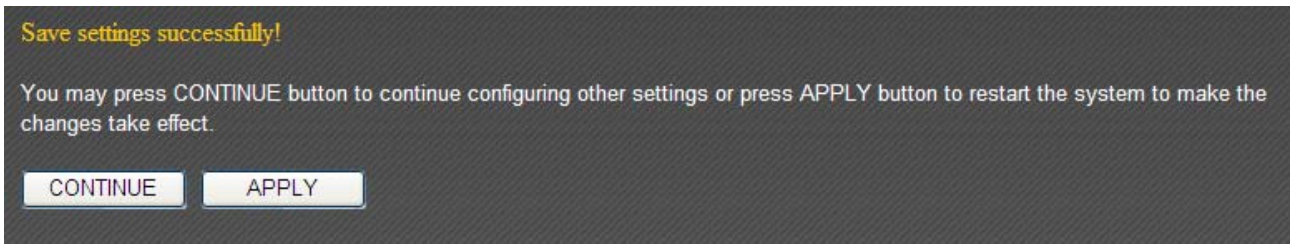
In “Universal Repeater” mode, this broadband router acts as a wireless signal repeater to extend the wireless coverage of the specified wireless access point.



Item Name	Description
Band	Select from one of the following options: 2.4GHz (B): Allows 802.11b wireless network clients to connect to this router (maximum transfer rate 11Mbps). 2.4GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 2.4GHz (B+G): Allows 802.11b and 802.11g wireless network clients to connect to this router (maximum transfer rate 11Mbps for 802.11b clients and 54Mbps for 802.11g clients). 2.4GHz (G): Allows 802.11g wireless network clients to connect to this router (maximum transfer rate 54Mbps). 2.4GHz (B+G+N): Allows 802.11b, 802.11g, and 802.11n wireless clients to connect to this router (recommended).

ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).
Channel Number	Select a channel from the dropdown menu. All access points must use the same channel (1 to 13).
Associated Clients	Click “Show Active Clients” for the list of all connected wireless clients. Click “Refresh” in the new window to renew the list, and click “Close” to close the window. Note: If you have a pop-up blocker installed, you may have to disable it, or set it to allow the pop-up window to show up.
Root AP SSID	Input the SSID of the wireless access point with which you wish to connect.
Site Survey	Click “Select Site Survey” and a pop-up window will appear. All reachable wireless access points will be shown in the window. Select a wireless access point from the list, and click “Done” to establish a connection. Clicking “Refresh” will renew the list.
Wireless Module	Select “Enable” to turn on the 2.4GHz wireless signal and select “Disable” to turn it off.

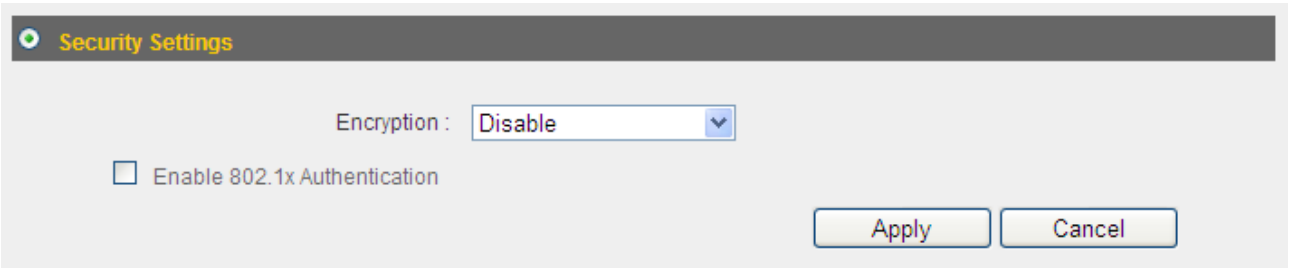
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-4-2 Security Settings

Advanced security settings are available in certain modes to enhance connection security.

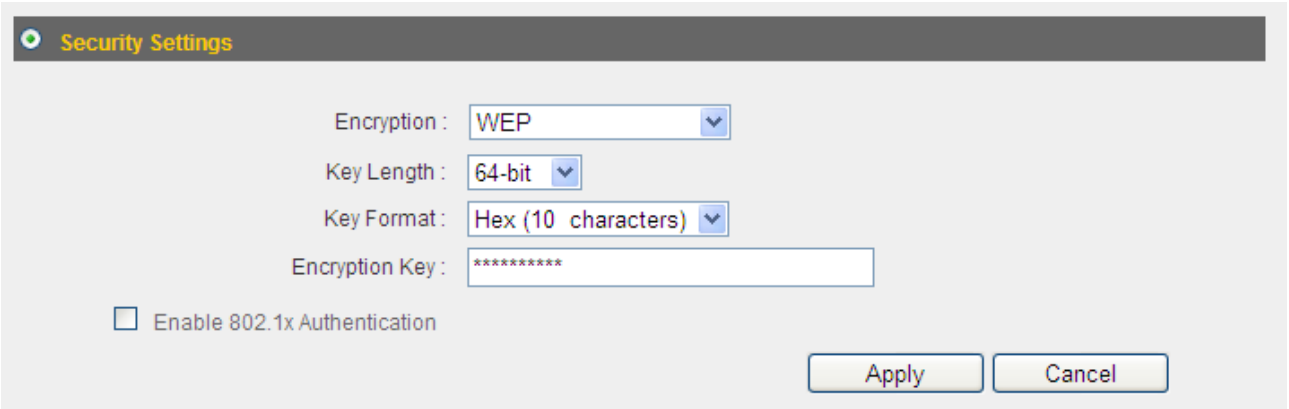


3-4-2-1 Disabled

Connection encryption is disabled under this mode (not recommended).

3-4-2-2 WEP

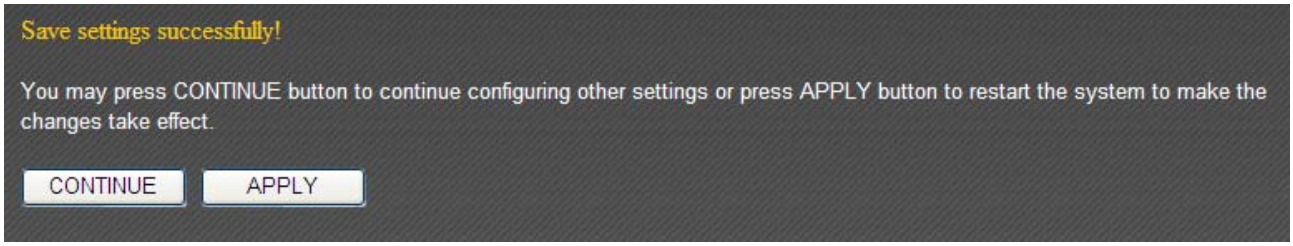
Selecting “WEP” enables WEP (Wired Equivalent Privacy) encryption.



Item Name	Description
Key Length	Two types of key lengths are available: 64-bit and 128-bit.
Key Format	Two types of key formats are available: ASCII and Hex. The number of characters your encryption key can use will be shown here.
Encryption Key	Input an encryption key here. In “ASCII” mode, you can use any alphanumerical character (0-9, a-z, and A-Z). In “Hex” mode, you can use 0-9, a-f, and A-F.
Enable 802.1x	Check this box to enable the 802.1x authentication

Authentication	function. You need a RADIUS server to perform 802.1x authentication.
RADIUS Server IP address	Input the RADIUS server's IP address here.
RADIUS Server Port	Input the RADIUS server port here. Generally, it is "1812".
RADIUS Server Password	Input the password of the RADIUS server here.

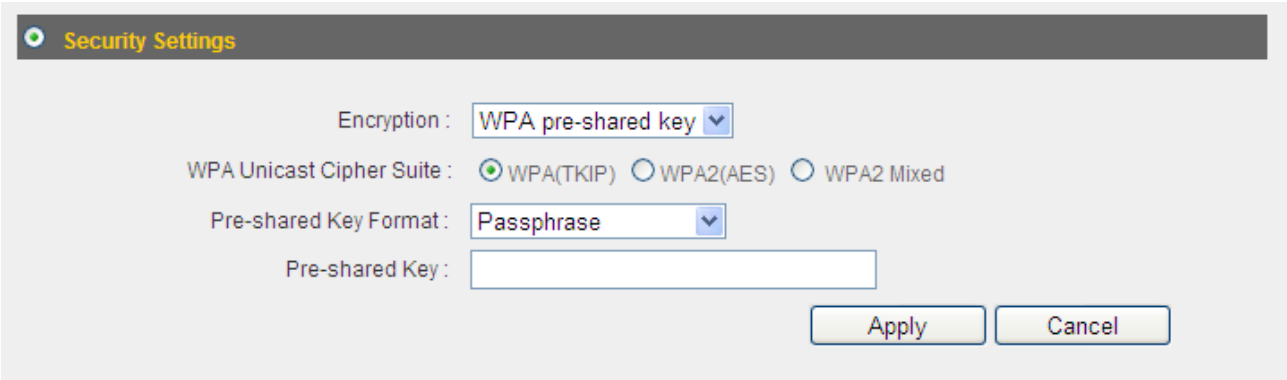
Click "Apply" to save the changes, or click "Cancel" to discard the changes. After you have clicked "Apply", you will see the following message:



Click "Apply" to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click "Continue" to configure other settings.

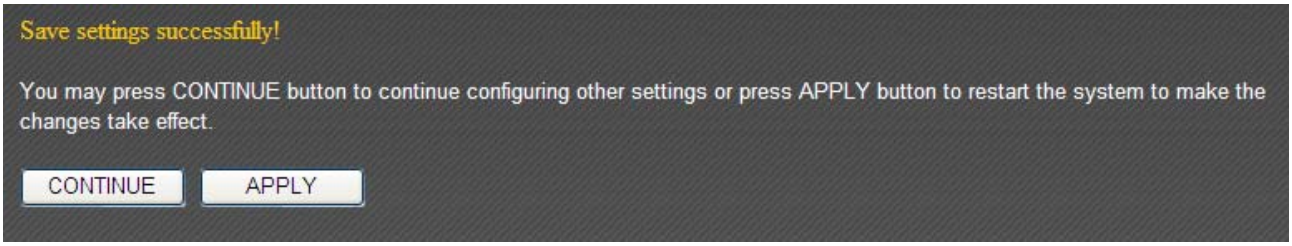
3-4-2-3 WPA Pre-Shared Key

WPA (Wi-Fi Protected Access) is a safer encryption mode than WEP (recommended).



Item Name	Description
WPA Unicast Cipher Suite	Please select a WPA cipher suite supported by your wireless client. Available options are “WPA (TKIP)”, “WPA2 (AES)”, and “WPA2 Mixed”.
Pre-Shared Key Format	Select a pre-shared key format here. “Passphrase” allows you to use 8 or more alphanumerical characters (up to 63). “Hex” allows you to use up to 64 characters within the ranges of 0-9, a-f, and A-F.
Pre-shared Key	Input the WPA key here.

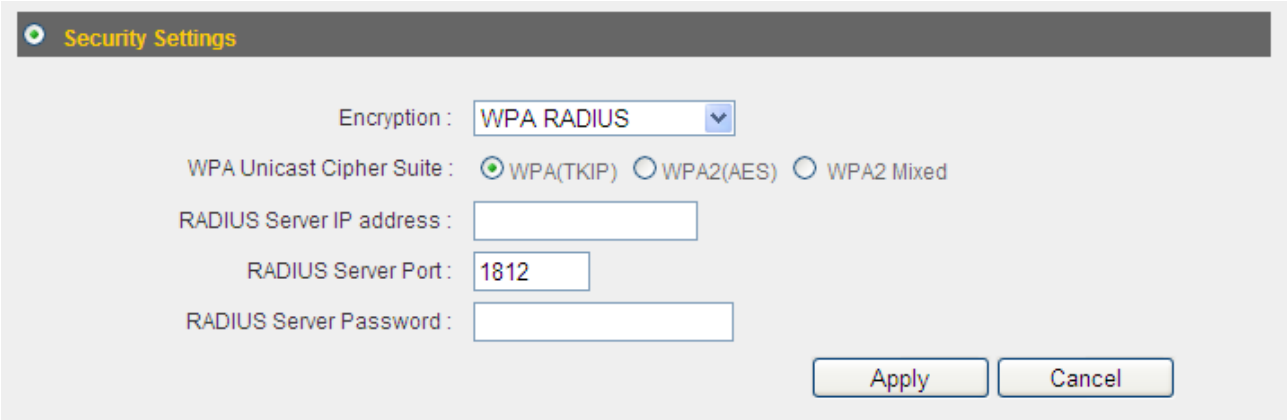
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

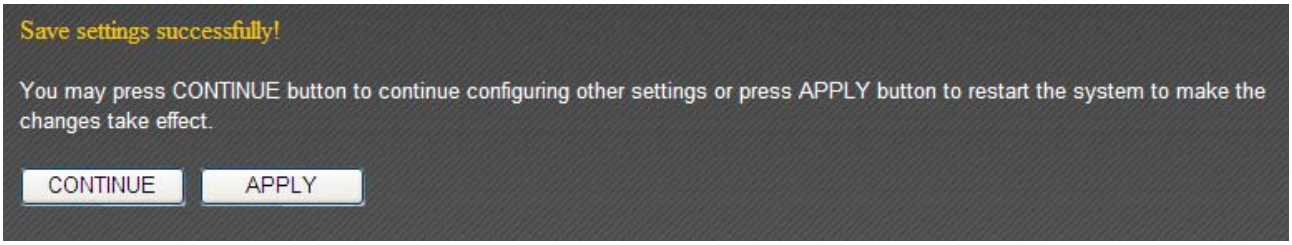
3-4-2-4 WPA RADIUS

If you have a RADIUS server on your local network, you can authenticate wireless clients via the RADIUS server's user database.



Item Name	Description
WPA Unicast Cipher Suite	Please select a WPA cipher suite supported by your wireless client. Available options are "WPA (TKIP)", "WPA2 (AES)", and "WPA2 Mixed".
RADIUS Server IP address	Input the RADIUS server's IP address here.
RADIUS Server Port	Input the RADIUS server port here. Generally, it is "1812".
RADIUS Server Password	Input the password of the RADIUS server here.

Click "Apply" to save the changes, or click "Cancel" to discard the changes. After you have clicked "Apply", you will see the following message:

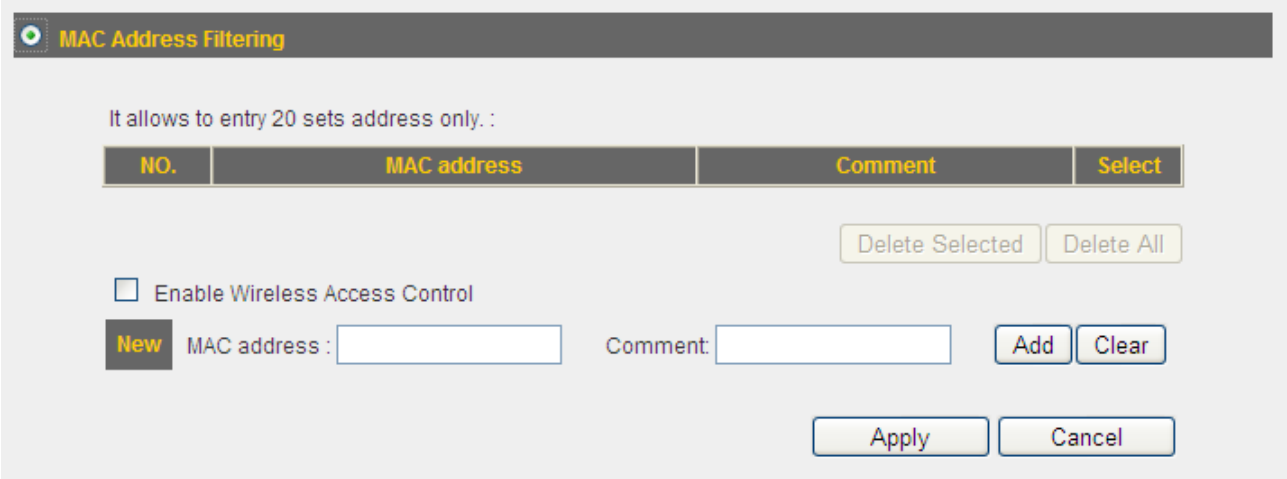


Click "Apply" to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click "Continue" to configure other settings.

3-4-3 MAC Address Filtering

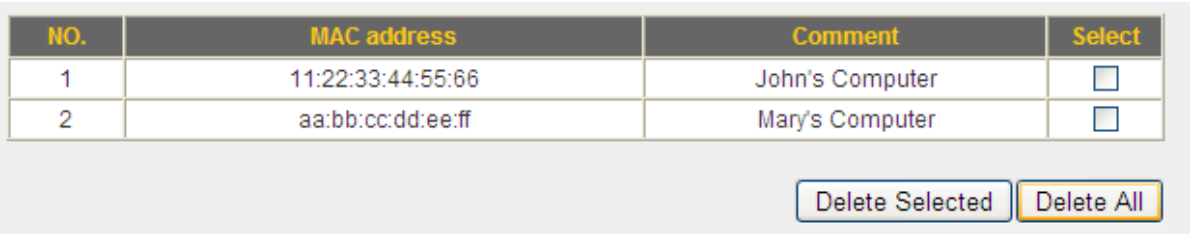
This function will help you prevent unauthorized users from connecting to your wireless router. Only those wireless devices whose MAC address matches the ones you have assigned here can gain access to your wireless router. Up to 20 MAC addresses can be assigned.

To enable MAC address filtering, check the “Enable Wireless Access Control” box.



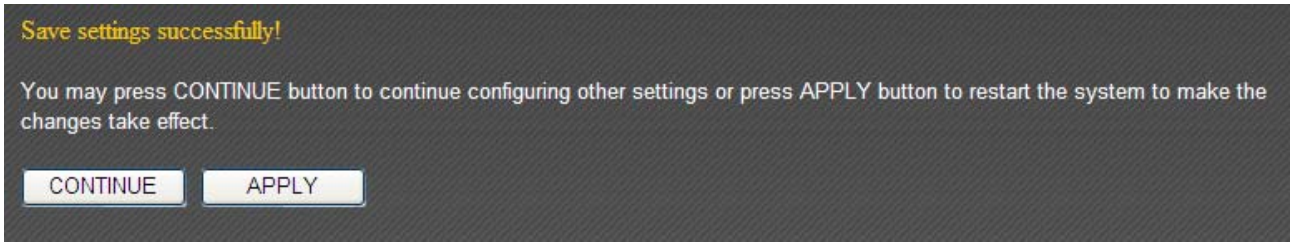
Item Name	Description
MAC Address	Input the MAC address you wish to add here.
Comment	You can input up to 16 alphanumerical characters describing the MAC address here (optional).
Add	Click “Add” to add the MAC address and associated comment to the MAC address list.
Clear	Click “Clear” to remove everything in the MAC address and comment fields.

All MAC address entries will be listed in the following table:



To delete one or more entries, please check the box of the corresponding entry (under “Select”), and click “Delete Selected”. If you wish to delete all the entries, click “Delete All”.

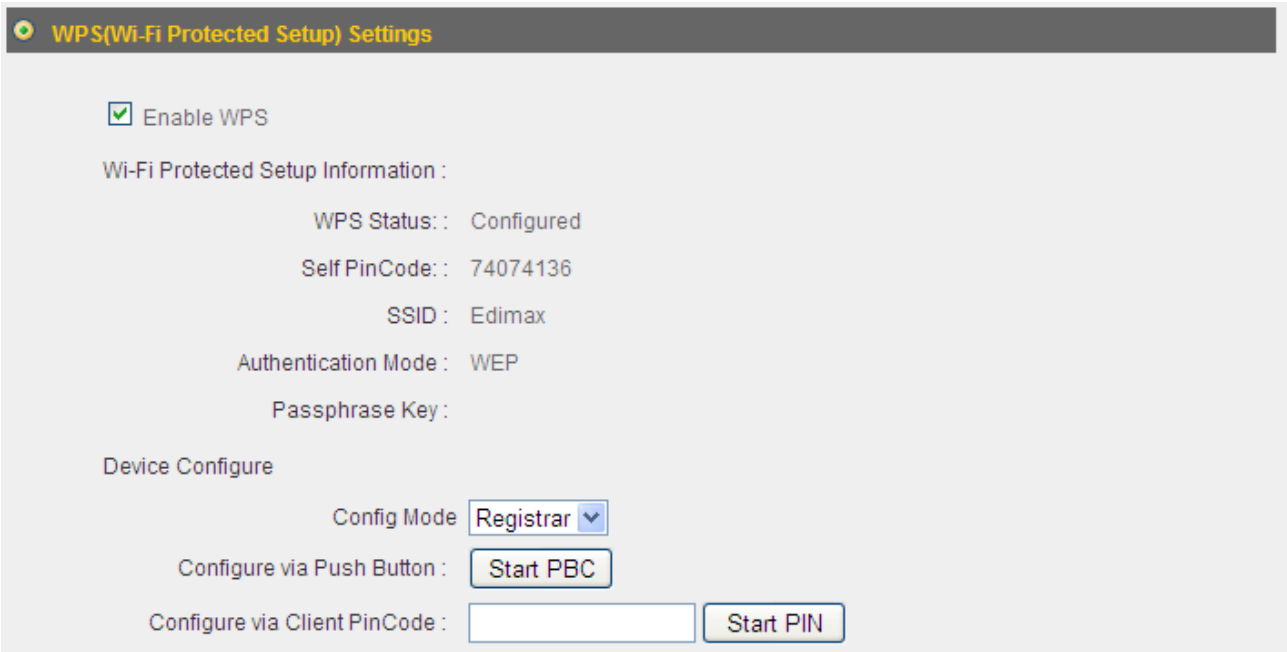
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-4-4 WPS (Wi-Fi Protected Setup) Settings

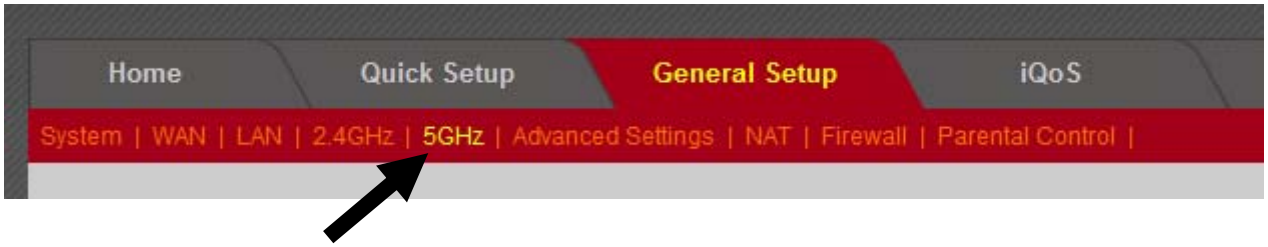
WPS (Wi-Fi Protected Setup) is a convenient way to establish a secure connection between this broadband router and WPS-compatible wireless clients.



Item Name	Description
Enable WPS	Check this box to enable the WPS function.
WPS Status	The status of the WPS configuration is displayed here.
Self PIN Code	This router's WPS PIN code is displayed here.
SSID	This router's SSID is displayed here.
Authentication Mode	This router's wireless security authentication mode is displayed here.
Passphrase Key	The WPA passphrase key is displayed as asterisk here.
Config Mode	Select this router's WPS configuration role here. Registrar: This broadband router will act as the WPS registrar and wait for the wireless client's WPS configuration request. Enrollee: This broadband router will act as the WPS enrollee and send WPS configuration requests to other WPS registrars.
Configure via Push-Button	Click "Start PBC" to start push-button WPS configuration. You can also use the "WPS/Reset" button located at the back of this router.
Configure via Client PIN Code	Input the WPS-enabled wireless client's PIN code and click "Start PIN" to establish a WPS connection.

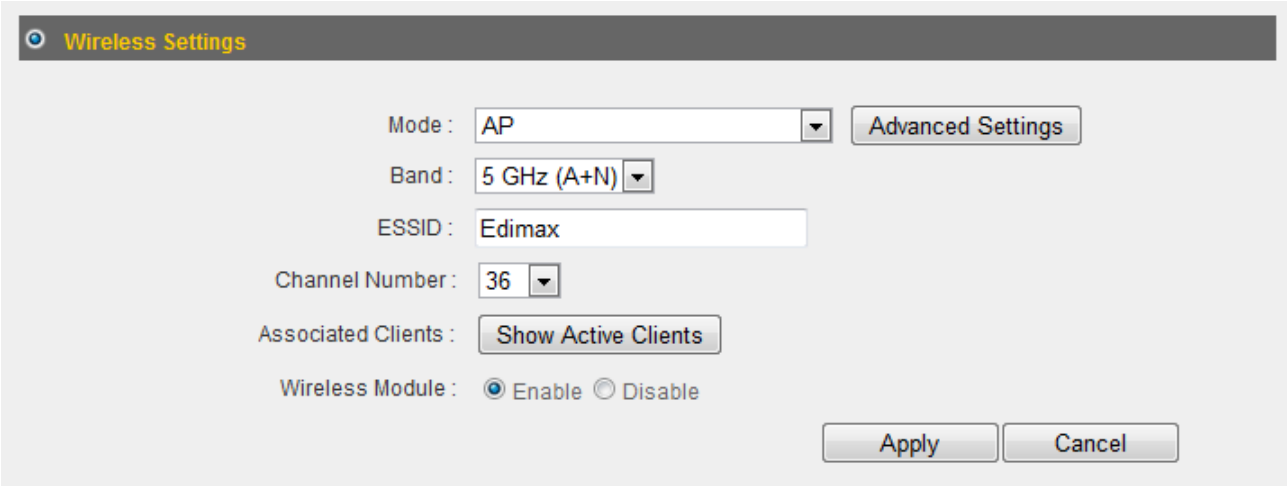
3-5 5GHz

You can set up the 5GHz wireless LAN connection under “5GHz”.



3-5-1 Wireless Settings

Basic 5GHz wireless settings can be configured here.

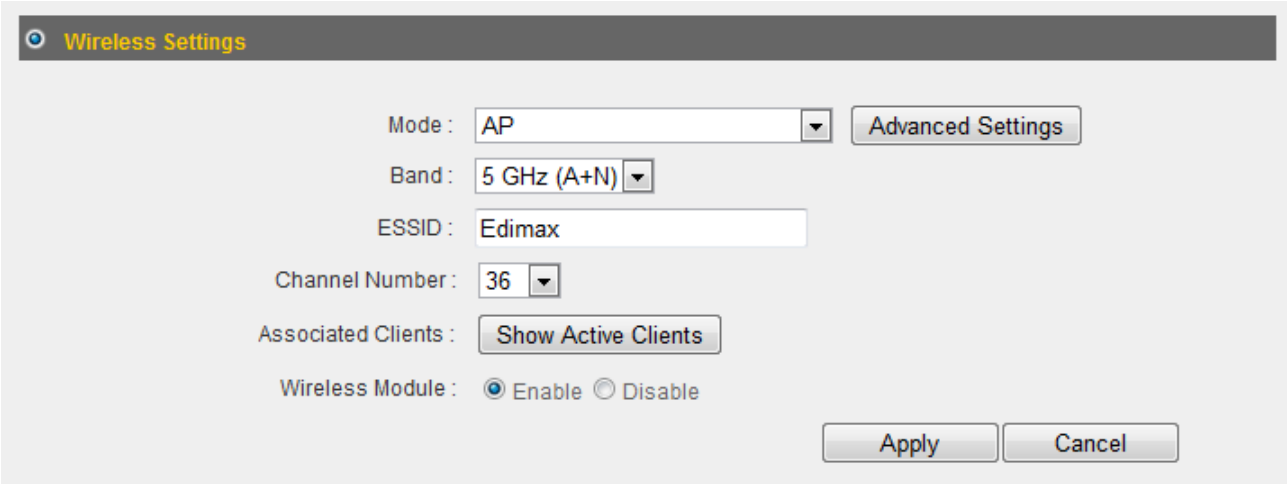


This router can operate in 6 different modes:

- AP: Wireless access point
- Station-Infrastructure: Acts as both wireless communication client and server
- AP Bridge—Point to Point: Connects this router with another broadband router
- AP Bridge—Point to Multi-Point: Connects this router with up to 4 other broadband routers
- AP Bridge—WDS: Connects this router with up to 4 WDS-capable broadband routers
- Universal Repeater: Repeats another wireless access point’s signal to extend its wireless signal coverage

3-5-1-1 AP Mode

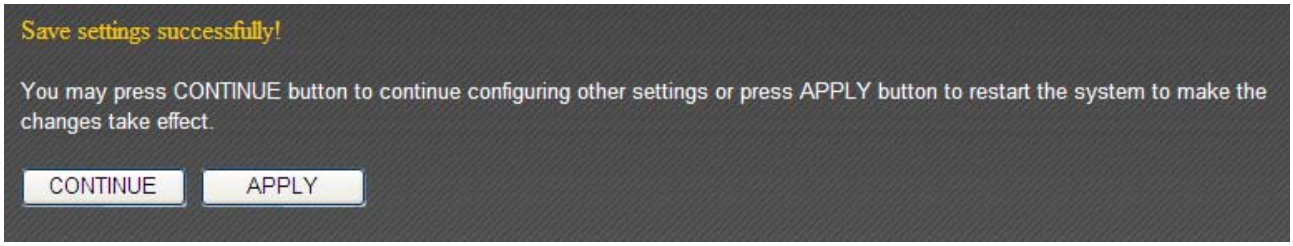
The following settings will appear in “AP” mode:



Item Name	Description
Band	Select from one of the following options: 5GHz (A): Allows 802.11a wireless network clients to connect to this router. 5GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 5GHz (A+N): Allows 802.11a and 802.11n wireless network clients to connect to this router (recommended).
ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).
Channel Number	Select a channel from the dropdown menu. You can select the channel of your preference (1 to 140).
Associated Clients	Click “Show Active Clients” for the list of all connected wireless clients. Click “Refresh” in the new window to renew the list, and click “Close” to close the window. Note: If you have a pop-up blocker installed, you may have to disable it, or set it to allow the pop-up window to show up.

Wireless Module	Select “Enable” to turn on the 5GHz wireless signal and select “Disable” to turn it off.

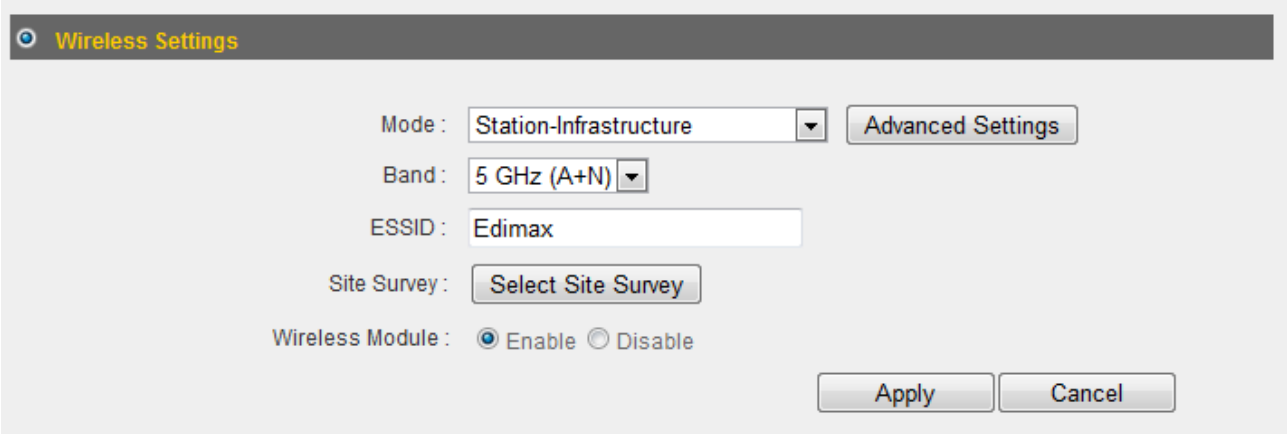
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

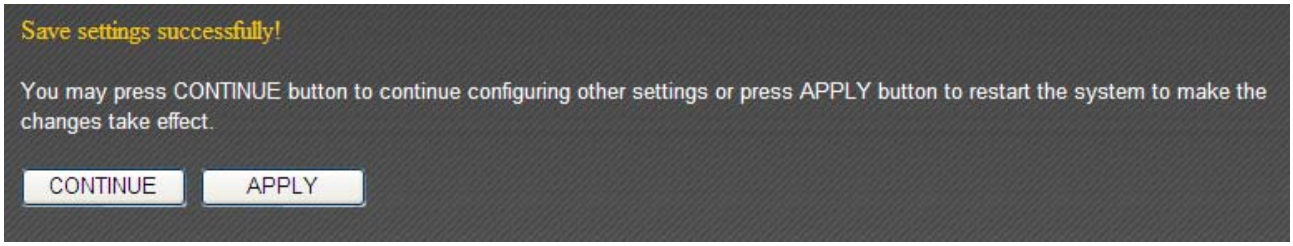
3-5-1-2 Station-Infrastructure

In “Station-Infrastructure” mode, the router acts as both a wireless communication client and a wireless communication server. The following settings will appear in station-infrastructure mode:



Item Name	Description
Band	Select from one of the following options: 5GHz (A): Allows 802.11a wireless network clients to connect to this router. 5GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 5GHz (A+N): Allows 802.11a and 802.11n wireless network clients to connect to this router (recommended).
ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).
Site Survey	Click “Select Site Survey” and a pop-up window will appear. All reachable wireless access points will be shown in the window. Select a wireless access point from the list, and click “Done” to establish a connection. Clicking “Refresh” will renew the list.
Wireless Module	Select “Enable” to turn on the 5GHz wireless signal and select “Disable” to turn it off.

Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:

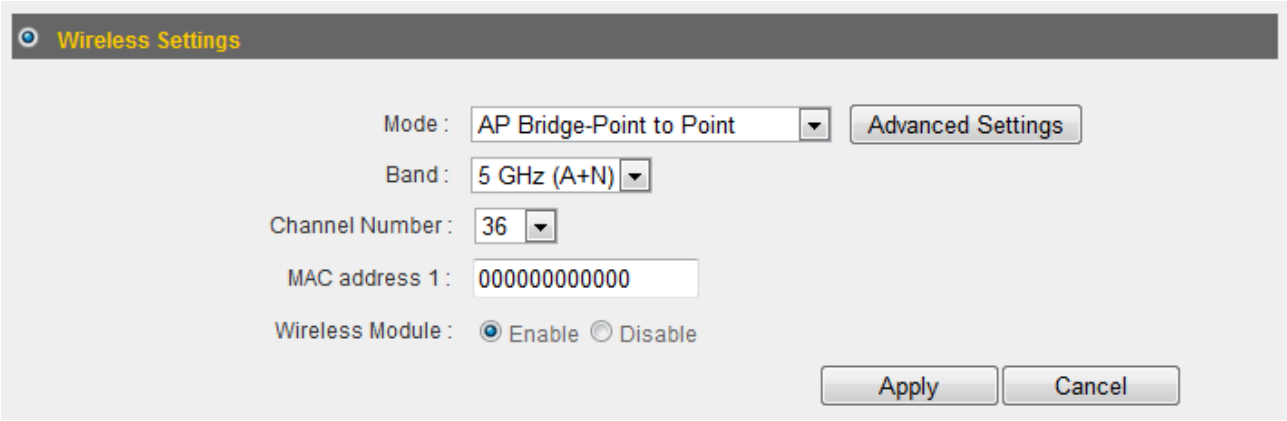


Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-5-1-3 AP Bridge—Point to Point

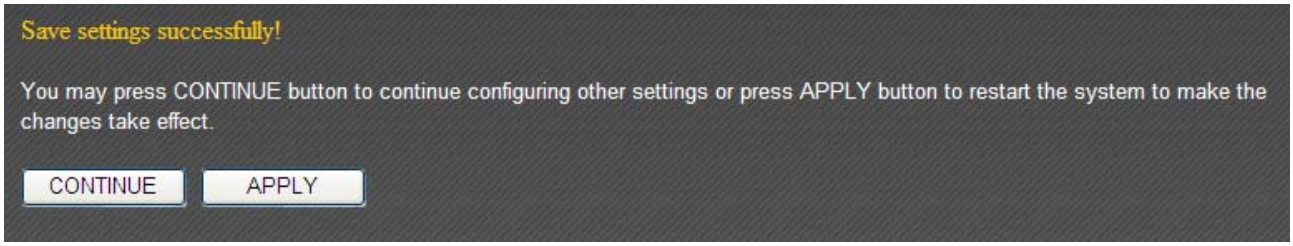
"AP Bridge—Point to Point" mode connects this router to another router and allows all the computers connected to the LAN ports of both routers to communicate with each other.

Please note that when you select this mode, this broadband router will act as a wireless bridge only. It will not accept other wireless clients. If you wish to use this function with a wireless access point that supports WDS, please select "AP Bridge—WDS" mode.



Item Name	Description
Band	Select from one of the following options: 5GHz (A): Allows 802.11a wireless network clients to connect to this router. 5GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 5GHz (A+N): Allows 802.11a and 802.11n wireless network clients to connect to this router (recommended).
Channel Number	Select a channel from the dropdown menu. Both access points must use the same channel (1 to 140).
MAC Address 1	Input the MAC address of the wireless access point with which you wish to connect.
Wireless Module	Select "Enable" to turn on the 5GHz wireless signal and select "Disable" to turn it off.

Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:

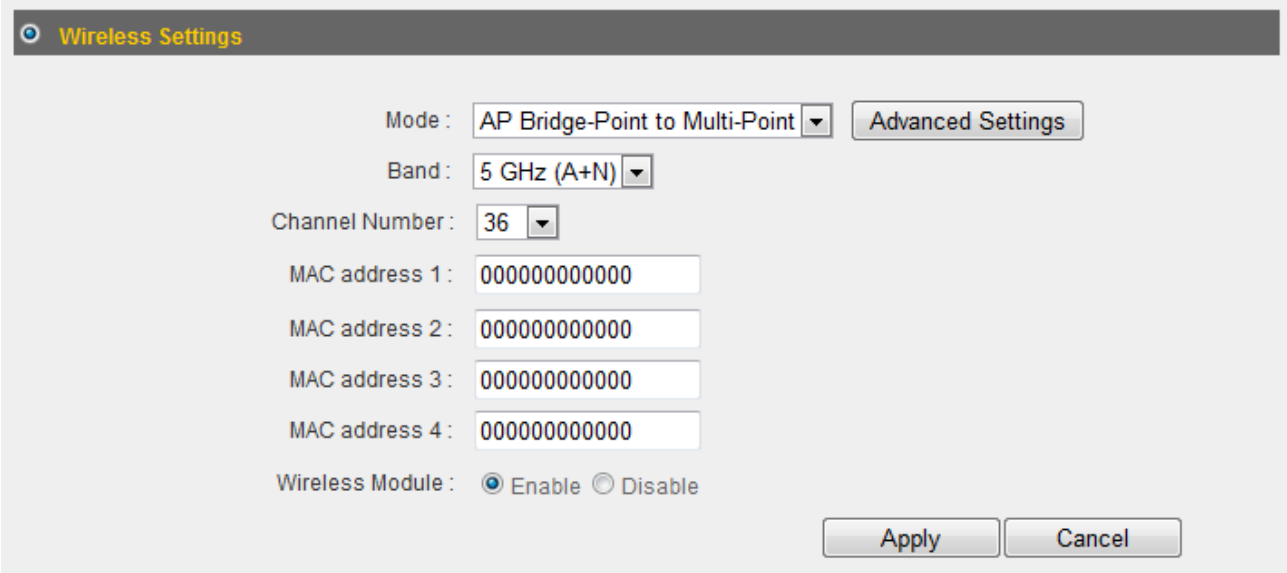


Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-5-1-4 AP Bridge—Point to Multi-Point

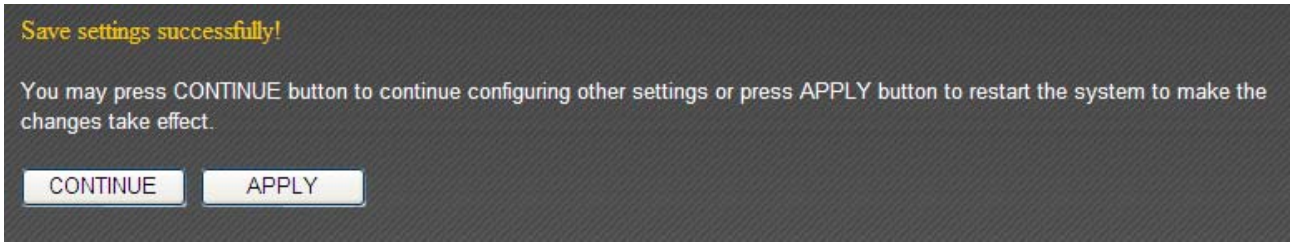
"AP Bridge—Point to Multi-Point" mode connects this router to up to 4 other routers and allows the computers connected to the LAN ports of every router to communicate with each other.

Please note that when you select this mode, this broadband router will act as a wireless bridge only. It will not accept other wireless clients. If you wish to use this function with a wireless access point that supports WDS, please select "AP Bridge—WDS" mode.



Item Name	Description
Band	Select from one of the following options: 5GHz (A): Allows 802.11a wireless network clients to connect to this router. 5GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 5GHz (A+N): Allows 802.11a and 802.11n wireless network clients to connect to this router (recommended).
Channel Number	Select a channel from the dropdown menu. All access points must use the same channel (1 to 140).
MAC Address 1 to 4	Input the MAC addresses of the wireless access points with which you wish to connect.
Wireless Module	Select "Enable" to turn on the 5GHz wireless signal and select "Disable" to turn it off.

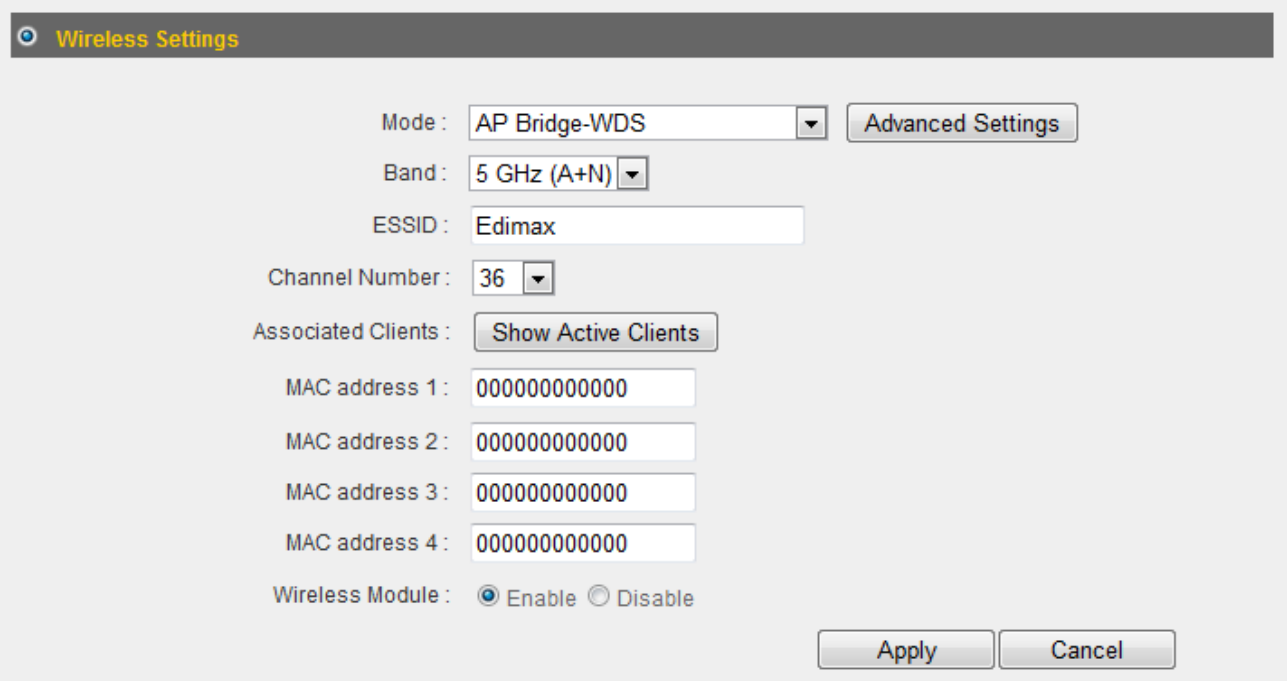
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-5-1-5 AP Bridge—WDS

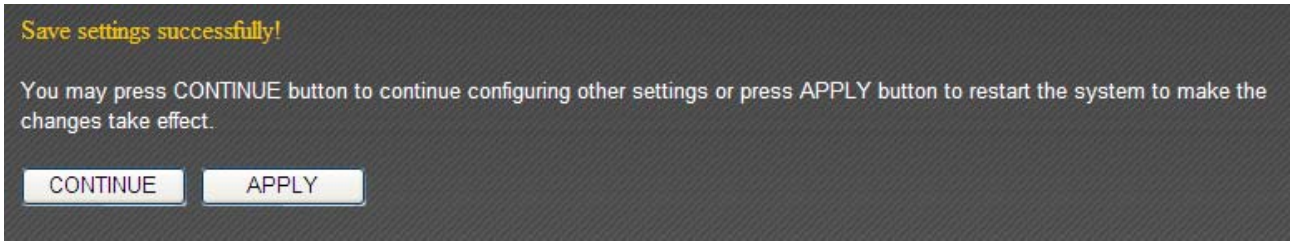
In “AP Bridge—WDS” mode, this broadband router acts as both a wireless communication bridge and a wireless access point. This router can connect to up to 4 WDS-compatible wireless access points and allows the computers connected every AP to communicate with each other.



Item Name	Description
Band	Select from one of the following options: 5GHz (A): Allows 802.11a wireless network clients to connect to this router. 5GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 5GHz (A+N): Allows 802.11a and 802.11n wireless network clients to connect to this router (recommended).
ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).
Channel Number	Select a channel from the dropdown menu. All access points must use the same channel (1 to 140).
Associated Clients	Click “Show Active Clients” for the list of all

	connected wireless clients. Click “Refresh” in the new window to renew the list, and click “Close” to close the window. Note: If you have a pop-up blocker installed, you may have to disable it, or set it to allow the pop-up window to show up.
MAC address 1 to 4	Input the MAC addresses of the wireless access points with which you wish to connect.
Wireless Module	Select “Enable” to turn on the 5GHz wireless signal and select “Disable” to turn it off.

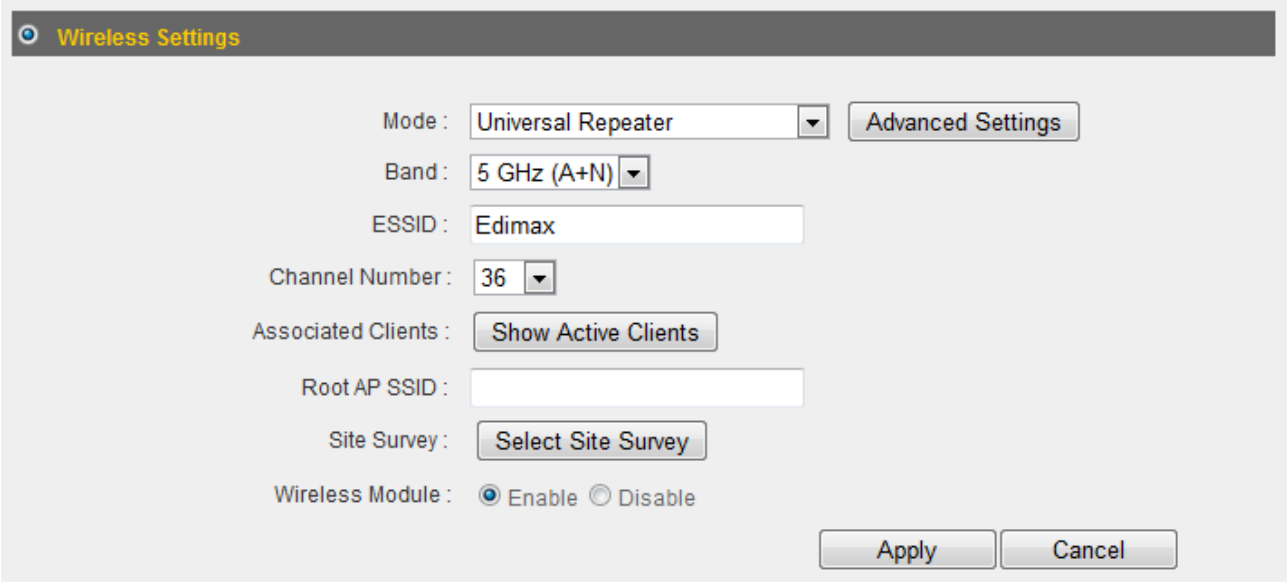
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-5-1-6 Universal Repeater

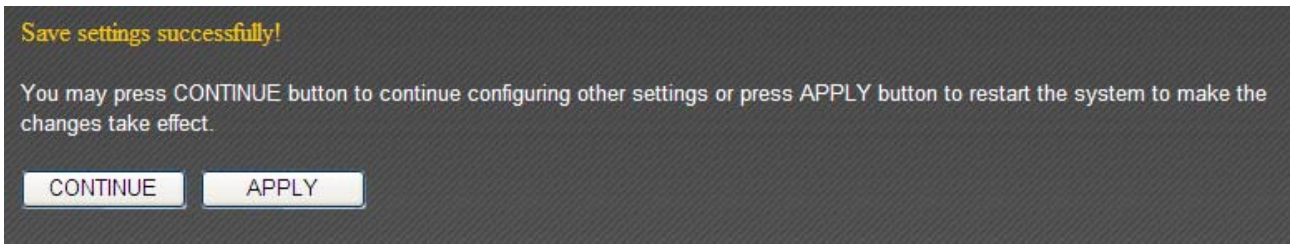
In “Universal Repeater” mode, this broadband router acts as a wireless signal repeater to extend the wireless coverage of the specified wireless access point.



Item Name	Description
Band	Select from one of the following options: 5GHz (A): Allows 802.11a wireless network clients to connect to this router. 5GHz (N): Allows 802.11n wireless network clients to connect to this router (maximum transfer rate 300Mbps). 5GHz (A+N): Allows 802.11a and 802.11n wireless network clients to connect to this router (recommended).
ESSID	This is the name of your router. You can type any alphanumerical character here (maximum 32 characters).
Channel Number	Select a channel from the dropdown menu. All access points must use the same channel (1 to 140).
Associated Clients	Click “Show Active Clients” for the list of all connected wireless clients. Click “Refresh” in the new window to renew the list, and click “Close” to close the window.

	Note: If you have a pop-up blocker installed, you may have to disable it, or set it to allow the pop-up window to show up.
Root AP SSID	Input the SSID of the wireless access point with which you wish to connect.
Site Survey	Click “Select Site Survey” and a pop-up window will appear. All reachable wireless access points will be shown in the window. Select a wireless access point from the list, and click “Done” to establish a connection. Clicking “Refresh” will renew the list.
Wireless Module	Select “Enable” to turn on the 5GHz wireless signal and select “Disable” to turn it off.

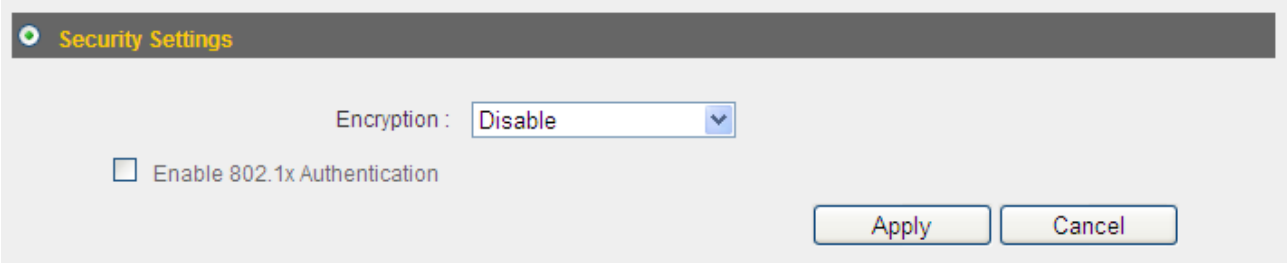
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-5-2 Security Settings

Advanced security settings are available in certain modes to enhance connection security.

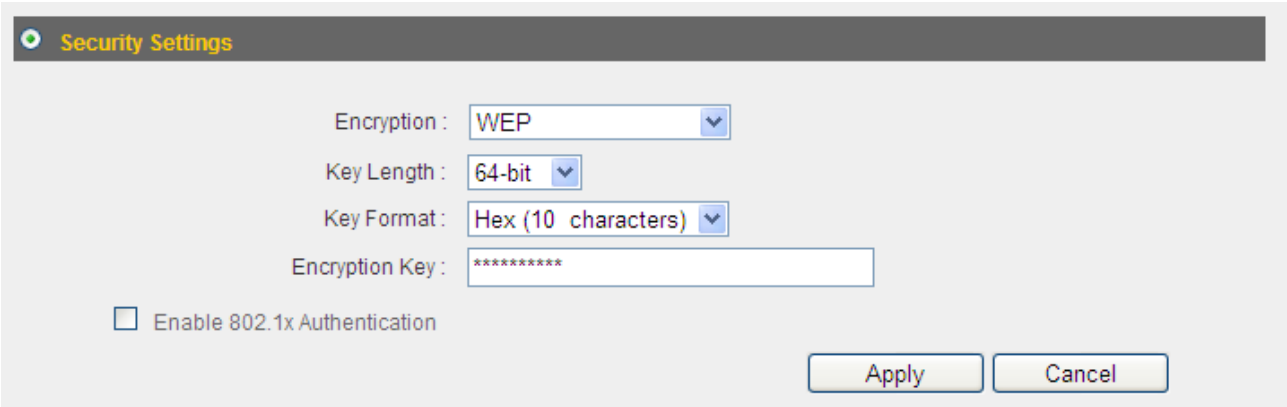


3-5-2-1 Disabled

Connection encryption is disabled under this mode (not recommended).

3-5-2-2 WEP

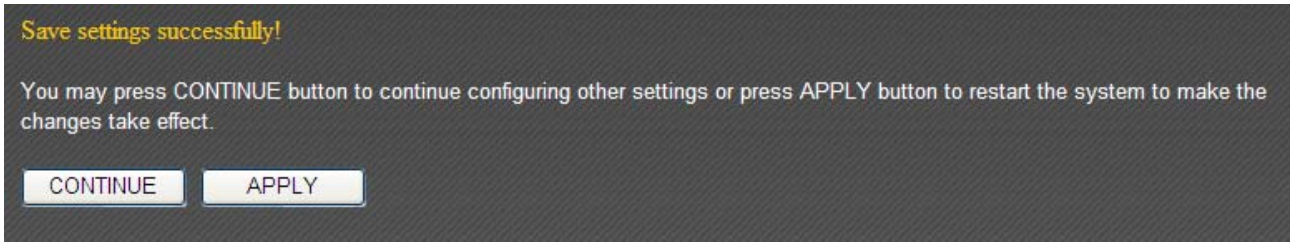
Selecting “WEP” enables WEP (Wired Equivalent Privacy) encryption.



Item Name	Description
Key Length	Two types of key lengths are available: 64-bit and 128-bit.
Key Format	Two types of key formats are available: ASCII and Hex. The number of characters your encryption key can use will be shown here.
Encryption Key	Input an encryption key here. In “ASCII” mode, you can use any alphanumerical character (0-9, a-z, and A-Z). In “Hex” mode, you can use 0-9, a-f, and A-F.
Enable 802.1x	Check this box to enable the 802.1x authentication

Authentication	function. You need a RADIUS server to perform 802.1x authentication.
RADIUS Server IP address	Input the RADIUS server's IP address here.
RADIUS Server Port	Input the RADIUS server port here. Generally, it is "1812".
RADIUS Server Password	Input the password of the RADIUS server here.

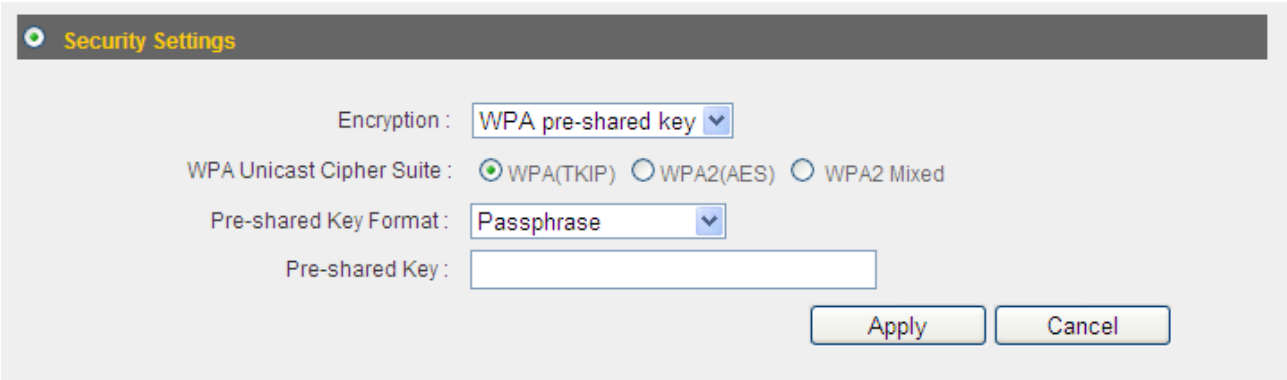
Click "Apply" to save the changes, or click "Cancel" to discard the changes. After you have clicked "Apply", you will see the following message:



Click "Apply" to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click "Continue" to configure other settings.

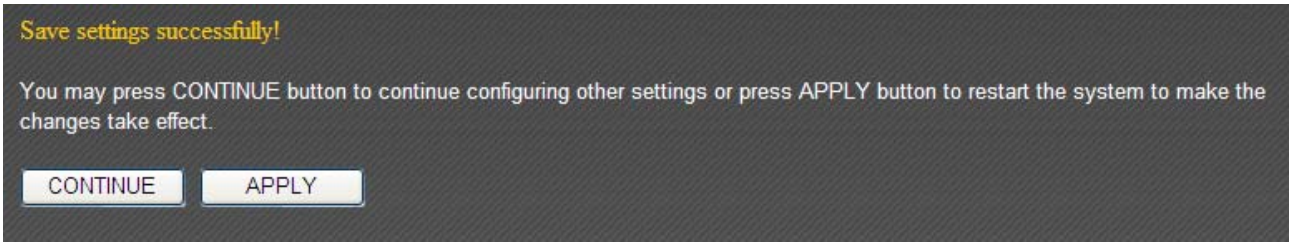
3-5-2-3 WPA Pre-Shared Key

WPA (Wi-Fi Protected Access) is a safer encryption mode than WEP (recommended).



Item Name	Description
WPA Unicast Cipher Suite	Please select a WPA cipher suite supported by your wireless client. Available options are “WPA (TKIP)”, “WPA2 (AES)”, and “WPA2 Mixed”.
Pre-Shared Key Format	Select a pre-shared key format here. “Passphrase” allows you to use 8 or more alphanumerical characters (up to 63). “Hex” allows you to use up to 64 characters within the ranges of 0-9, a-f, and A-F.
Pre-shared Key	Input the WPA key here.

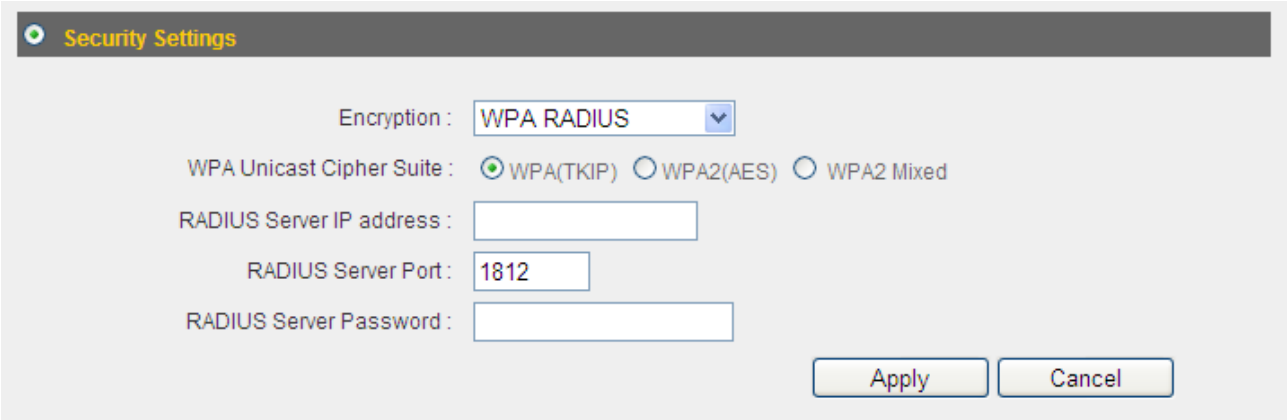
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

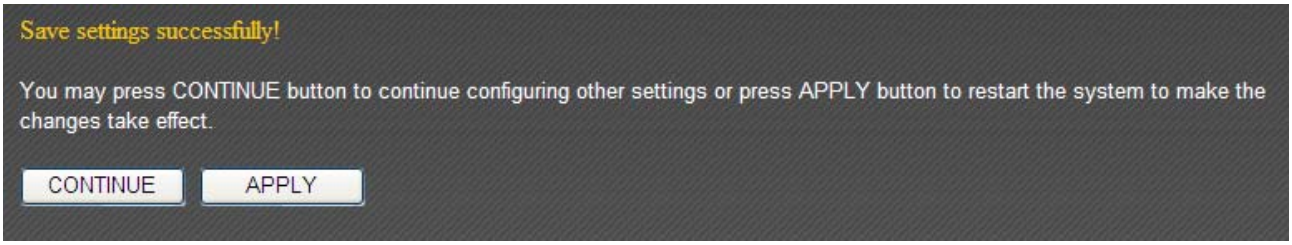
3-5-2-4 WPA RADIUS

If you have a RADIUS server on your local network, you can authenticate wireless clients via the RADIUS server's user database.



Item Name	Description
WPA Unicast Cipher Suite	Please select a WPA cipher suite supported by your wireless client. Available options are "WPA (TKIP)", "WPA2 (AES)", and "WPA2 Mixed".
RADIUS Server IP address	Input the RADIUS server's IP address here.
RADIUS Server Port	Input the RADIUS server port here. Generally, it is "1812".
RADIUS Server Password	Input the password of the RADIUS server here.

Click "Apply" to save the changes, or click "Cancel" to discard the changes. After you have clicked "Apply", you will see the following message:

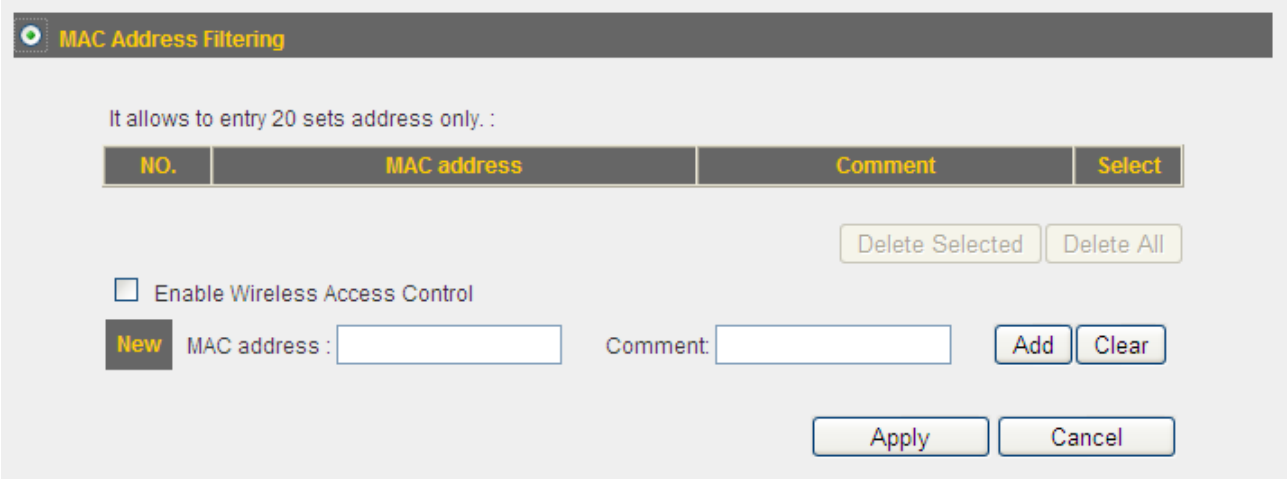


Click "Apply" to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click "Continue" to configure other settings.

3-5-3 MAC Address Filtering

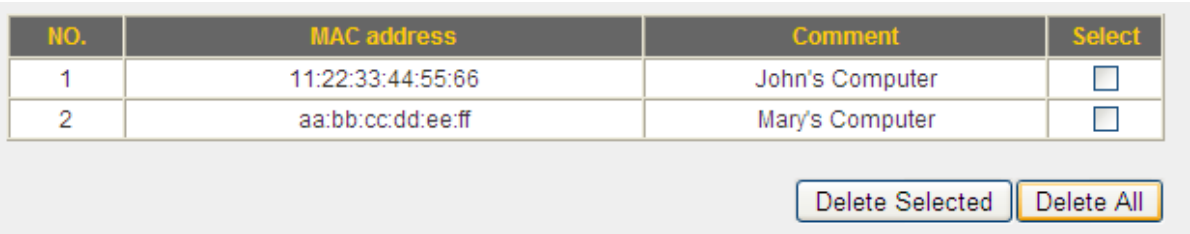
This function will help you prevent unauthorized users from connecting to your wireless router. Only those wireless devices whose MAC address matches the ones you have assigned here can gain access to your wireless router. Up to 20 MAC addresses can be assigned.

To enable MAC address filtering, check the “Enable Wireless Access Control” box.



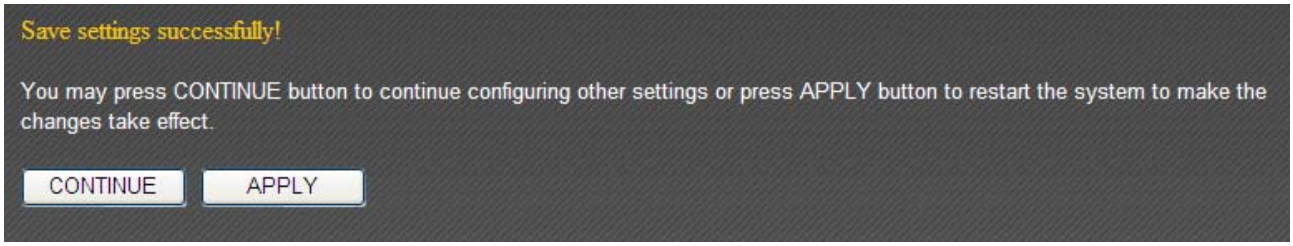
Item Name	Description
MAC Address	Input the MAC address you wish to add here.
Comment	You can input up to 16 alphanumerical characters describing the MAC address here (optional).
Add	Click “Add” to add the MAC address and associated comment to the MAC address list.
Clear	Click “Clear” to remove everything in the MAC address and comment fields.

All MAC address entries will be listed in the following table:



To delete one or more entries, please check the box of the corresponding entry (under “Select”), and click “Delete Selected”. If you wish to delete all the entries, click “Delete All”.

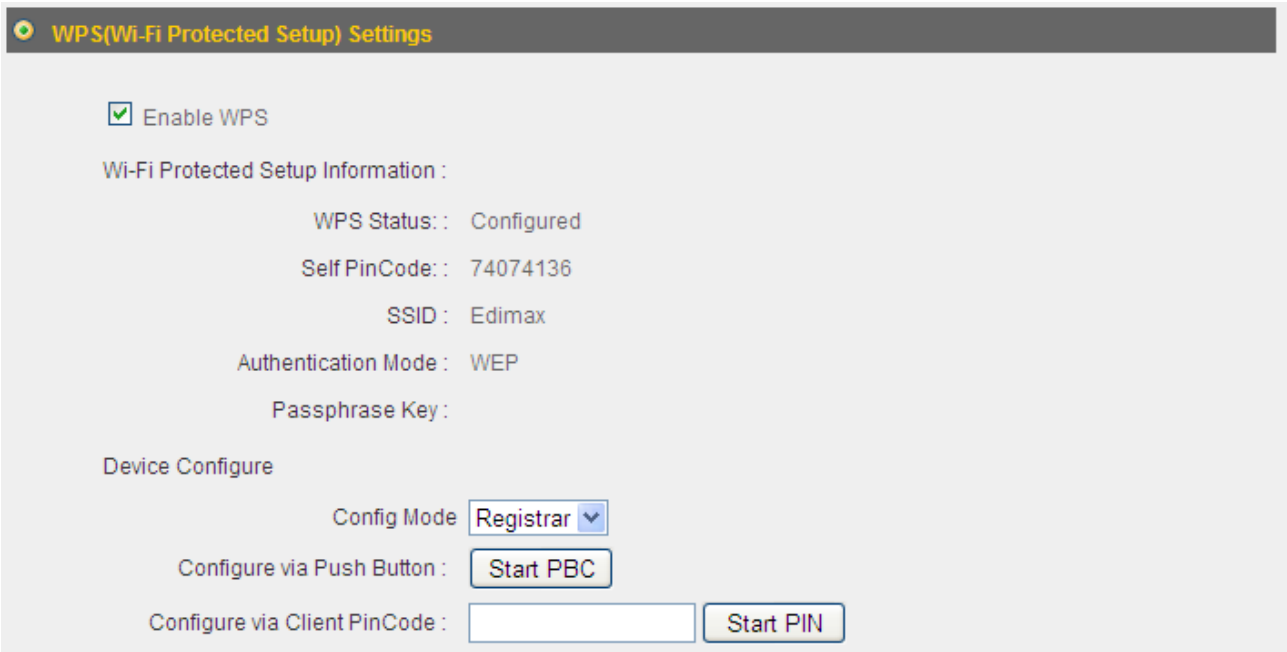
Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

3-5-4 WPS (Wi-Fi Protected Setup) Settings

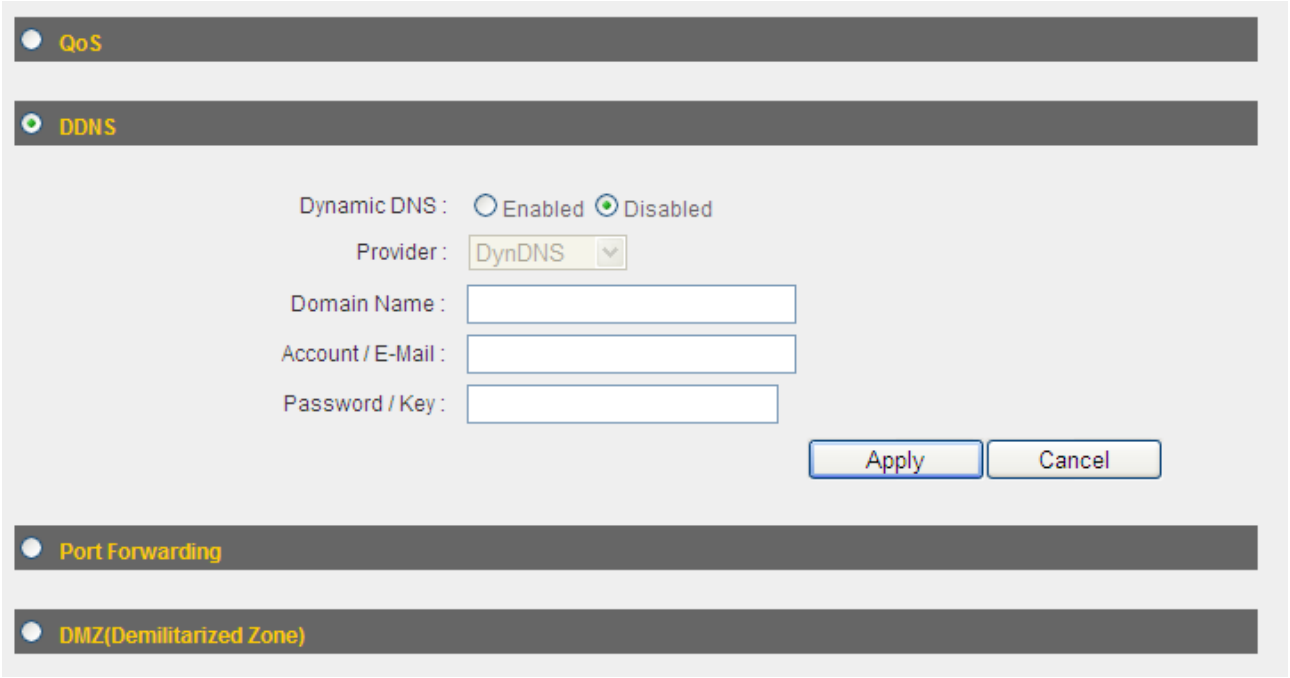
WPS (Wi-Fi Protected Setup) is a convenient way to establish a secure connection between this broadband router and WPS-compatible wireless clients.



Item Name	Description
Enable WPS	Check this box to enable the WPS function.
WPS Status	The status of the WPS configuration is displayed here.
Self PIN Code	This router's WPS PIN code is displayed here.
SSID	This router's SSID is displayed here.
Authentication Mode	This router's wireless security authentication mode is displayed here.
Passphrase Key	The WPA passphrase key is displayed as asterisk here.
Config Mode	Select this router's WPS configuration role here. Registrar: This broadband router will act as the WPS registrar and wait for the wireless client's WPS configuration request. Enrollee: This broadband router will act as the WPS enrollee and send WPS configuration requests to other WPS registrars.
Configure via Push-Button	Click "Start PBC" to start push-button WPS configuration. You can also use the "WPS/Reset" button located at the back of this router.
Configure via Client PIN Code	Input the WPS-enabled wireless client's PIN code and click "Start PIN" to establish a WPS connection.

3-6 Advance Settings

You can configure such advanced networking functions like QoS, DDNS, port forwarding, and DMZ under “Advanced Settings”.

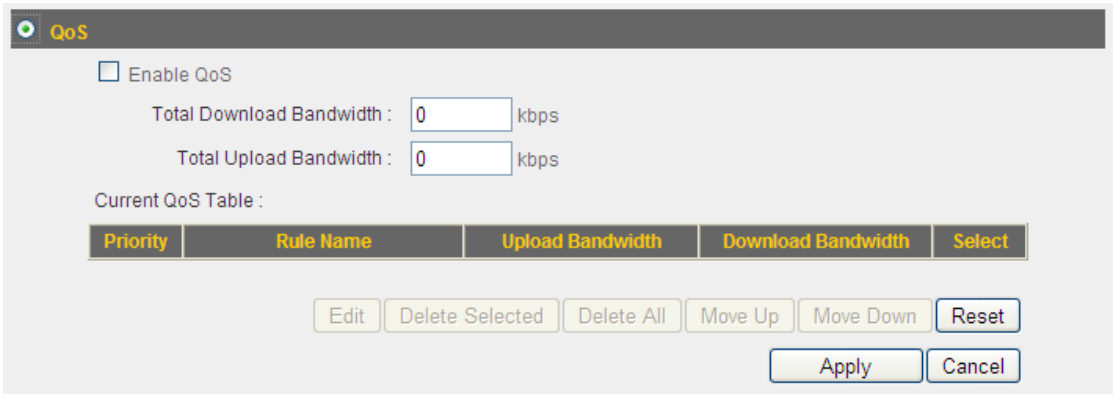


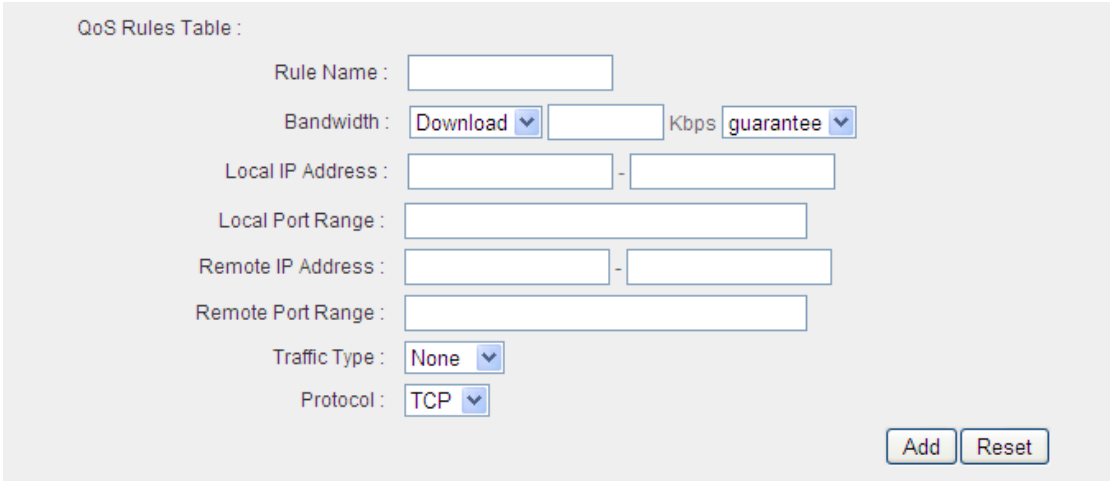
3-6-1 QoS

Quality of service provides an efficient way for computers on the network to share the internet bandwidth with a promised quality of internet service. Without QoS, all computers and devices on the network will compete with each other to get internet bandwidth, and some applications which require guaranteed bandwidth (like video streaming and network telephone) will be affected, therefore an unpleasing result will occur, like the interruption of video / audio transfer.

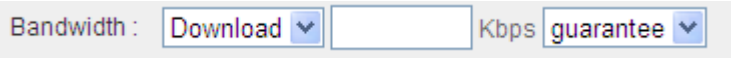
With this function, you can limit the maximum bandwidth or give a guaranteed bandwidth for a specific computer, to avoid said unpleasing result from happening.

3-6-1-1 Basic QoS Settings



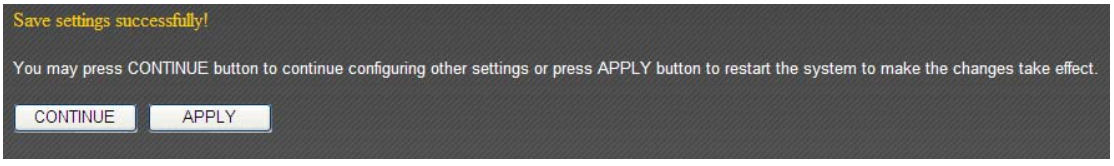


Here are descriptions of every setup items:

Item Name	Description
Enable QoS	Check this box to enable QoS function, uncheck it to disable QoS.
Total Download Bandwidth	You can set the limit of total download bandwidth in kbits. To disable download bandwidth limitation, input '0' here.
Total Upload Bandwidth	You can set the limit of total upload bandwidth in kbits. To disable upload bandwidth limitation, input '0' here.
Rule Name	Input a name for this QoS rule for identification purpose. This name should be unique and not the same with others.
Bandwidth	Set the speed limitation for this QoS rule:  (1) (2) (3) (1) Please select Download / Upload for the direction of data for this QoS rule first, (2) Input the data rate for this QoS rule, (3) and select Guarantee (provides a guaranteed speed for this rule), or Max (
Local IP Address	Set the IP address range that will be affected by this QoS rule. If only one IP address is involved, input the IP address in left field only.
Local Port Range	Set the port range that will activate this QoS rule. If only one port is involved, input a single number here (1 to 65535); if multiple ports are involved, input starting / ending port number in x-y format (like 10-20).
Remote IP Address	Set remote IP addresses that will trigger this QoS rule. If only one IP address is involved, input the IP address in left field only.
Remote Port Range	Set the port range that will activate this QoS

	rule. If only one port is involved, input a single number here (1 to 65535); if multiple ports are involved, input starting / ending port number in x-y format (like 10-20).
Traffic Type	If you're creating a QoS rule for a specific type of traffic, you can select it from this menu and you don't have to input port range above.
Protocol	Select the protocol type here (TCP or UDP).
Add	Click 'add' button to add a new QoS rule (detailed instructions will be given below).
Reset	If you want to erase all values you just entered. Click 'Reset'
Edit	If you want to modify the content of a specific rule, please check the 'select' box of the rule you want to edit, then click 'Edit' button. **Only one rule should be selected a time!**
Delete Selected	You can delete selected rules by clicking this button. You can select one or more rules to delete by check the 'select' the box of the rule(s) you want to delete a time. **If the QoS table is empty, this button will be grayed out and cannot be clicked.**
Delete All	By clicking this button, you can delete all rules currently listed in the QoS table. **If the QoS table is empty, this button will be grayed out and cannot be clicked.**
Move Up	Move selected rule up. First QoS rule will be proceed first, so you can move higher priority rules up.
Move Down	Move selected rule down.

When you finished with the settings in this page, you can click 'Apply' button to save changes you made in this page, or you can click 'Cancel' to discard changes. After you click 'Apply' button, you'll see the following messages:



Please click 'Apply' to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal

and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

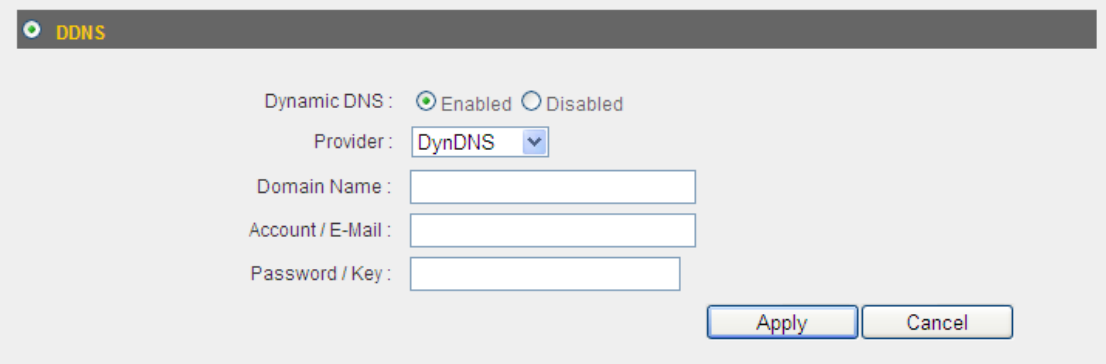
3-6-2 DDNS

DDNS (Dynamic DNS) is a IP-to-Hostname mapping service for those Internet users who don't have a static (fixed) IP address. It will be a problem when such user wants to provide services to other users on Internet, because their IP address will vary every time when connected to Internet, and other user will not be able to know the IP address they're using at a certain time.

This router supports DDNS service of following service providers:

3322 (http://www.3322.org/)
DHS (http://www.dhs.org)
DynDNS (http://www.dyndns.org/)
ODS (http://ods.org)
TZO (http://www.tzo.com/)
GnuDIP (http://gnudip2.sourceforge.net/)
DyNS (http://www.dyns.cx/)
ZoneEdit (http://www.zoneedit.com)
DHIS (http://www.dhis.org/)
CyberGate (http://cybergate.planex.co.jp/ddns/)

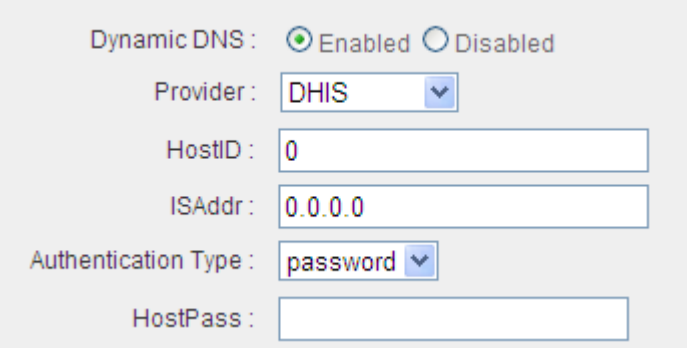
Please go to one of DDNS service provider's webpage listed above, and get a free DDNS account by the instructions given on their webpage. After that, you can use the DDNS page to setup DDNS parameters to use DDNS service:



Here are descriptions of every setup items:

Item Name	Description
Dynamic DNS	If you want to enable DDNS function, please select 'Enabled'; otherwise please select 'Disabled'
Provider	Select your DDNS service provider here.
Domain Name	Input the domain name you've obtained from DDNS service provider.
Account / E-Mail	Input account or email of DDNS registration.
Password / Key	Input DDNS service password or key.

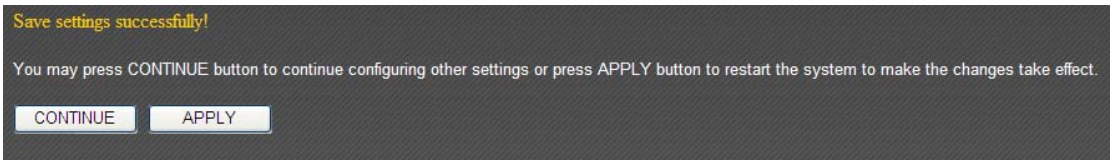
If your DDNS provider is 'DHIS', the settings will be different:



Here are descriptions of every setup items:

Item Name	Description
HostID	Please input the HostID you applied during DHIS registration.
ISAddr	Please input the ISAddr you applied during DHIS registration.
Authentication Type	Please select the DHIS user authentication type from dropdown menu: password or QRC.
HostPass	Please input the HostID you applied during DHIS registration. (This field will appear only when authentication type is password).
AuthP / AuthQ	Please input the AuthP/AuthQ you applied during DHIS registration. (This field will appear only when authentication type is QRC).

When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:



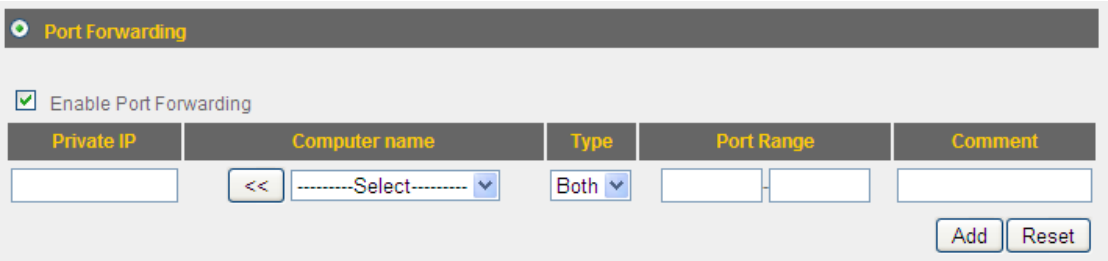
Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-6-3 Port Forwarding

This function allows you to redirect a single port or consecutive ports of Internet IP address to the same port of the IP address on local network. The port number(s) of Internet IP address and private IP address (the IP address on local network) must be the same.

If the port number of Internet IP address and private IP address is different, please use 'Virtual Server' function.

The port forwarding setting page looks like this:

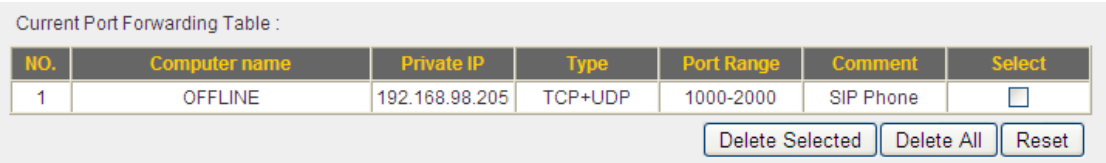


Here are descriptions of every setup items:

Item Name	Description
Enable Port Forwarding	Check this box to enable port forwarding, and uncheck this box to disable port forwarding.
Private IP	Input the IP address of the computer on local network which provides internet service.
Computer name	All computer names found by this broadband router on local network will be listed here. You can select the computer name and click '<<' button to add selected computer's IP address to 'Private IP' field. Please note that this list may not be able to list all computers on your local network.
Type	Select the type of connection, TCP or UDP. If you're not sure, please select 'Both'.
Port Range	Input the starting port number in the left field, and input the ending port number in the right field. If you only want to redirect a single port number, just fill the port number in the left field.
Comment	Please input any text to describe this mapping, up to 16 alphanumerical characters.

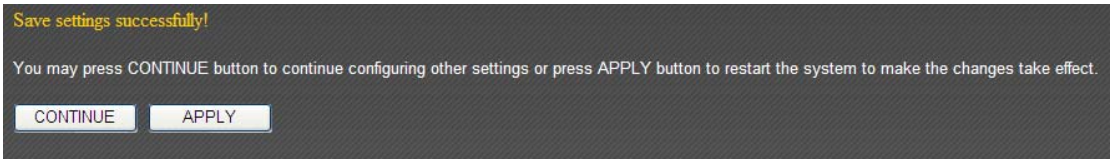
Add	Add the mapping to port forwarding table.
Reset	Remove all inputted values.

All existing URLs will be displayed in ‘Current URL Blocking Table’:



If you want to delete a specific port forwarding entry, check the ‘select’ box of the port forwarding entry you want to delete, then click ‘Delete Selected’ button. (You can select more than one port forwarding entries). If you want to delete all port forwarding entries listed here, please click ‘Delete All’ button or you can also click ‘Reset’ button to unselect all port forwarding entries.

When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:

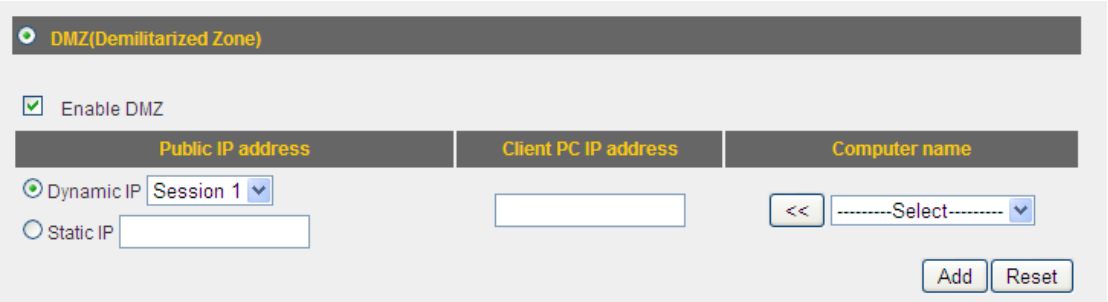


Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-6-4 DMZ

Demilitarized Zone (DMZ) is a special area in your local network. This area resides in local network, and all computers in this area uses private IP address, too. But these private IP addresses are mapped to a certain Internet IP address, so other people on Internet can fully access those computers in DMZ.

The DMZ setting page looks like this:

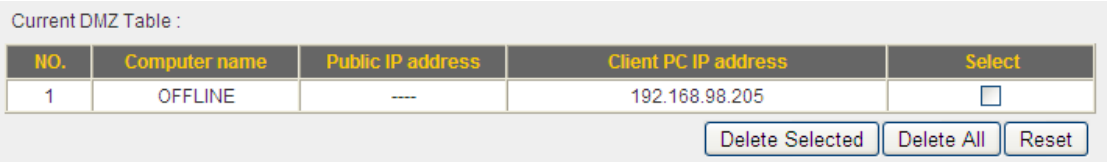


Here are descriptions of every setup items:

Item Name	Description
Enable DMZ	Check this box to enable DMZ function, uncheck this box to disable DMZ function.
Public IP address	You can select 'Dynamic IP' or 'Static IP' here. If you select 'Dynamic IP', you have to select an Internet connection session from dropdown menu; if you select 'Static IP', please input the IP address that you want to map to a specific private IP address.
Client PC IP address	Please input the private IP address that the Internet IP address will be mapped to.
Type	Select the type of connection, TCP or UDP. If you're not sure, please select 'Both'.
Port Range	Input the starting port number in the left field, and input the ending port number in the right field. If you only want to redirect a single port number, just fill the port number in the left field.
Comment	Please input any text to describe this mapping, up to 16 alphanumerical characters.
Add	Add the mapping to port forwarding table.
Reset	Remove all inputted values.

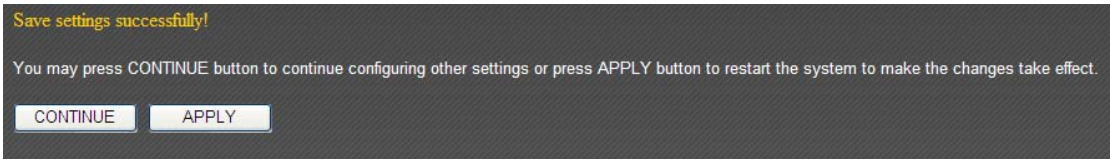
NOTE: Please note that every public IP address can be mapped to a single Client PC IP address only.

All existing DMZ entries will be displayed in ‘Current DMZ Table’:



If you want to delete a specific DMZ entry, check the ‘select’ box of the DMZ entry you want to delete, then click ‘Delete Selected’ button. (You can select more than one DMZ entries). If you want to delete all DMZ entries listed here, please click ‘Delete All’ button or you can also click ‘Reset’ button to unselect all DMZ entries.

When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:



Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

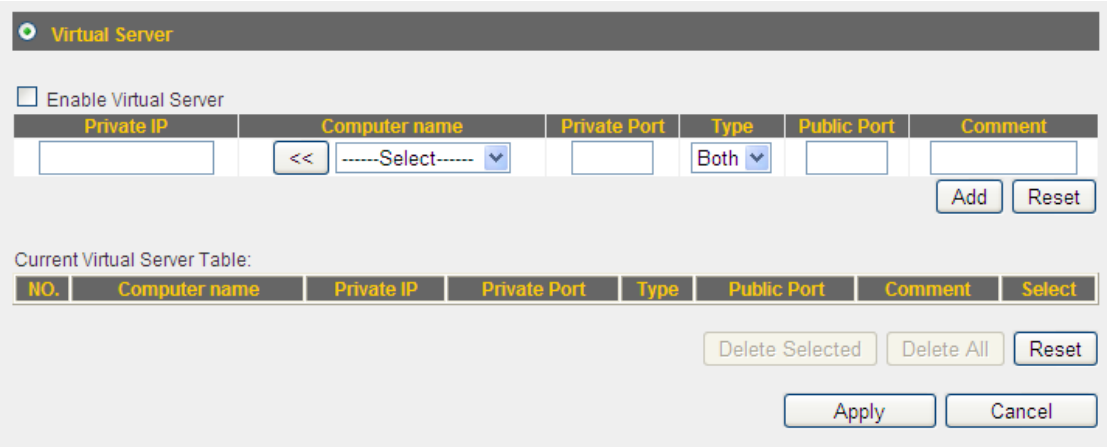
3-7 NAT

Network address translations solve the problem if sharing a single IP address to multiple computers. Without NAT, all computers must be assigned with a valid Internet IP address to get connected to Internet, but Internet service providers only provide very few IP addresses to every user. Therefore it's necessary to use NAT technology to share a single Internet IP address to multiple computers on local network, so everyone can get connected to Internet.

This broadband router supports four types of NAT functions, and the instructions of these functions will be given below.

3-7-1 Virtual Server

This function allows you to redirect a port on Internet IP address (on WAN port) to a specified port of an IP address on local network, so you can setup an Internet service on the computer on local network, without exposing it on Internet directly. You can also build many sets of port redirection, to provide many different Internet services on different local computers via a single Internet IP address.

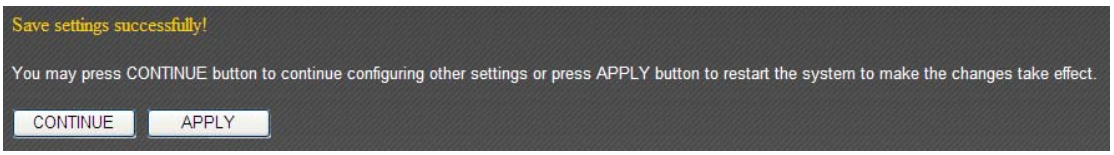


Here are descriptions of every setup items:

Item Name	Description
Enable Virtual Server	Check this box to enable virtual server, and uncheck this box to disable virtual server.
Private IP	Input the IP address of the computer which provides Internet service.
Computer name	All computer names found by this broadband router on local network will be listed here. You can select the computer name and click '<<' button to add selected computer's IP address to 'Private IP' field. Please note that this list may not be able to list all computers on your local network.
Private Port	Input the port number of the IP address which provides Internet service.
Type	Select the type of connection, TCP or UDP. If you're not sure, please select 'Both'
Public Port	Please select the port number of Internet IP address which will be redirected to the port number of local IP address defined above.
Comment	Please input any text to describe this mapping, up to 16 alphanumerical characters.
Add	Add the mapping to virtual server table.
Reset	Remove all inputted values.

All existing virtual server mappings will be displayed in this page. To delete one or more mappings, check the box of the mapping, then click 'Delete Selected' button to remove the mapping. To delete all existing mappings, click 'Delete All' button. If you want to uncheck all boxes, click 'Reset'.

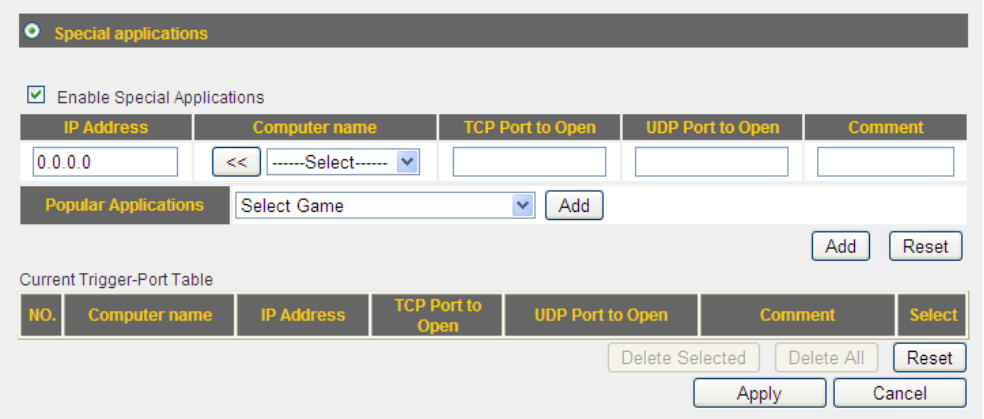
When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:



Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-7-2 Special Applications

Some applications require more than one connection a time; these applications won't work with simple NAT rules. In order to make these applications work, you can use this function to let these applications work.



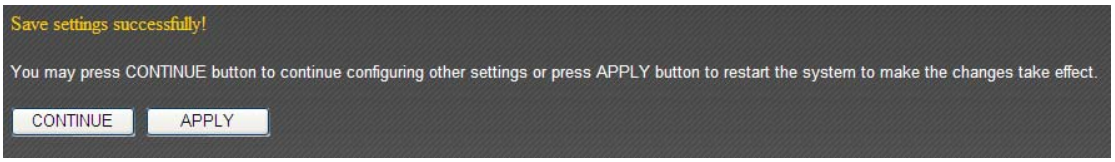
Here are descriptions of every setup items:

Item Name	Description
Enable	Check this box to enable support for special applications, and uncheck this box to disable this support.
IP Address	Input the IP address of the computer which is going to use the special application.
Computer name	All computer names found by this broadband router on local network will be listed here. You can select the computer name and click '<<' button to add selected computer's IP address to 'IP Address' field. Please note that this list may not be able to list all computers on your local network.
TCP Port to Open	Input the TCP port number required by the special application, the port number can be a single value, or a range (like 20-50). If you need to input more than one port number and they're not contiguous, list all port numbers here and separate them by comma (,). If the application does not use TCP port, leave it blank.
UDP Port to Open	Input the UDP port number required by the special application, the port number can be a

	single value, or a range (like 20-50). If you need to input more than one port number and they're not contiguous, list all port numbers here and separate them by comma (,). If the application does not use UDP port, leave it blank.
Comment	You can input any text here to help you remember the purpose of this item. This is optional.
Select Game	This router comes with a numerous port mapping settings of network games. If the game you wish to set is listed here, you can select it from dropdown menu. After a game is selected, click 'Add' (the one next to 'Select Game' dropdown list) to add the connection parameters to all respective fields.
Add	Click this button to add a new port mapping rule to special applications table.
Reset	Click this button to remove all values in every field.

All existing special application mappings will be displayed in this page. To delete one or more mappings, check the box of the mapping, then click 'Delete Selected' button to remove the mapping. To delete all existing mappings, click 'Delete All' button. If you want to uncheck all boxes, click 'Reset'.

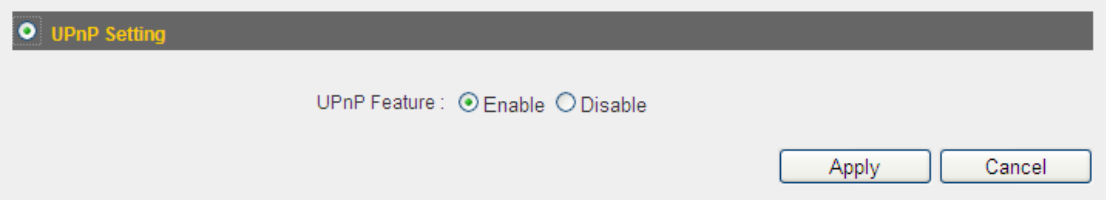
When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:



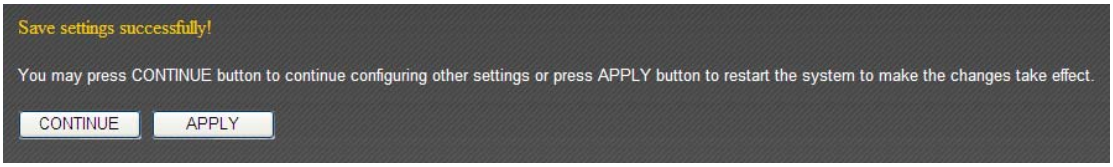
Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-7-3 UPnP Settings

BR-6475nD broadband router supports UPnP (universal plug-and-play), which allows other network devices to communicate with this broadband router to exchange information about network capability for intercommunication.



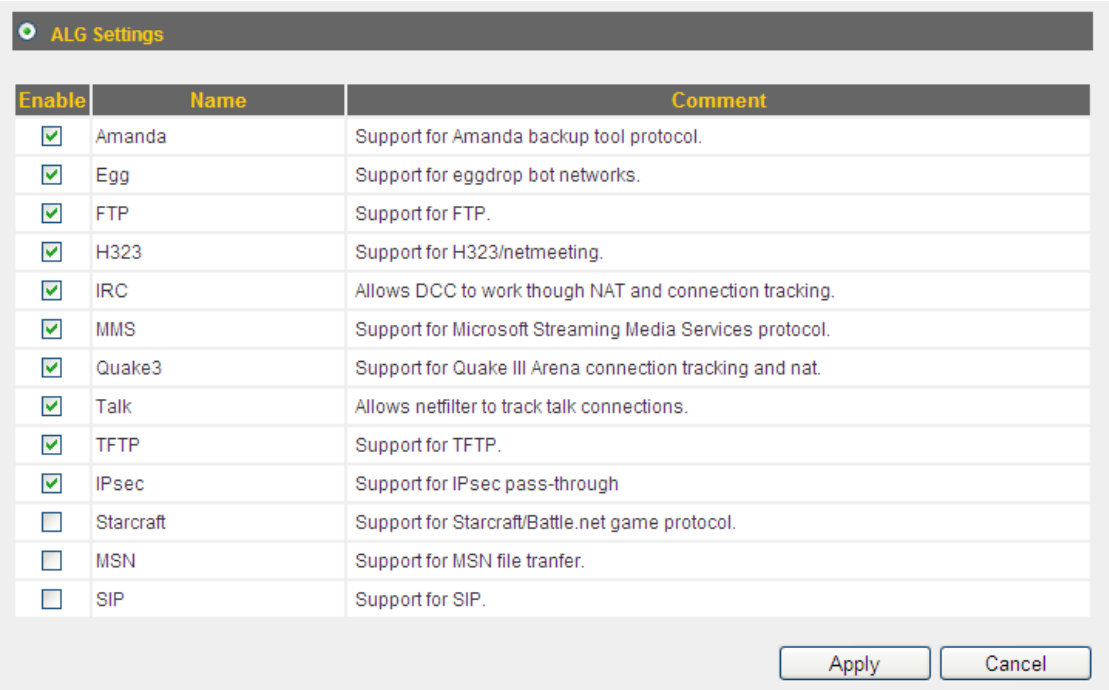
After you made your choice, please click ‘Apply’ button:



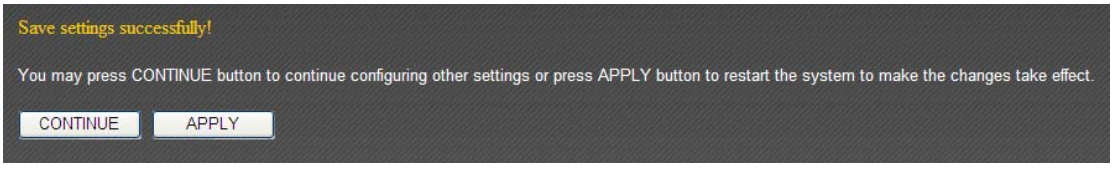
Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-7-4 ALG Settings

ALG (Application Layer Gateway) is a kind of network connection ability support for specific network applications like game and instant online chat. Without ALG support, these applications will not be able to communicate with their server when working with BR-6475nD broadband router.



All applications that require ALG support and compatible with this broadband router is listed here. You can check all applications you will use on local computer. After you made your choice, please click ‘Apply’ button:

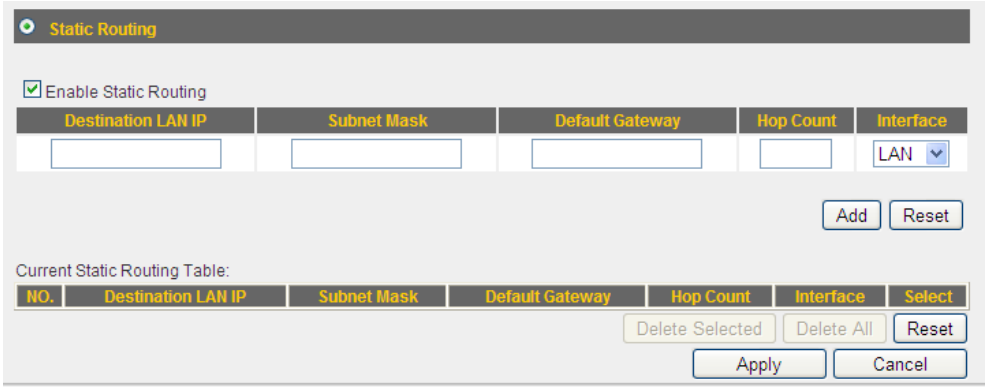


Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-7-5 Static Routing

In most cases, all your computers on local network will use default gateway (generally provided by your ISP) to access servers on Internet. However, if you have preferred network route you wish to redirect network traffic, you can use this function to create dedicated route for specific network destination and bypass default gateway.

Most users will not require this function to access Internet.

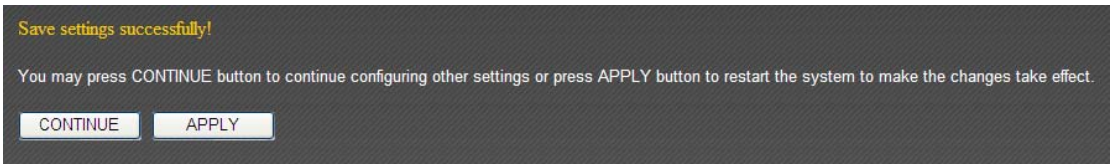


Here are descriptions of every setup items:

Item Name	Description
Enable Static Routing	Enable static routing function.
Destination LAN IP	Input destination network's address here.
Subnet Mask	Input the subnet mask of destination network here.
Default Gateway	Input the IP address of the gateway which leads to this network here.
Hop Count	Input the hop count (the distance between destination network and this broadband router) here.
Interface	Input the interface which leads to destination network.
Add	Click to add this static route policy to static route table.
Reset	Click to clear all inputted texts.

If you want to delete a specific static route entry, check the ‘select’ box of the static route entry you want to delete, then click ‘Delete Selected’ button. (You can select more than one static route entries). If you want to delete all static route entries listed here, please click ‘Delete All’ button or you can also click ‘Reset’ button to unselect all static route entries.

When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:



Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

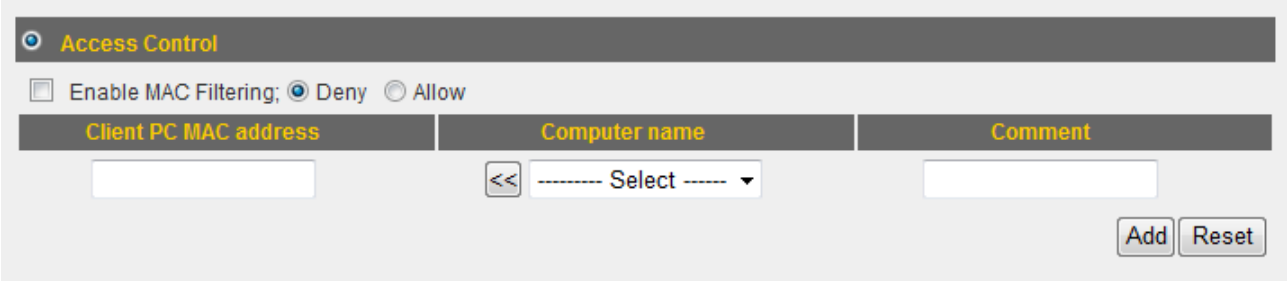
3-8 Firewall

You can configure the firewall functions under “Firewall” to protect your network and computer.

3-8-1 Access Control

You can also allow or deny computers with certain MAC addresses access to the network.

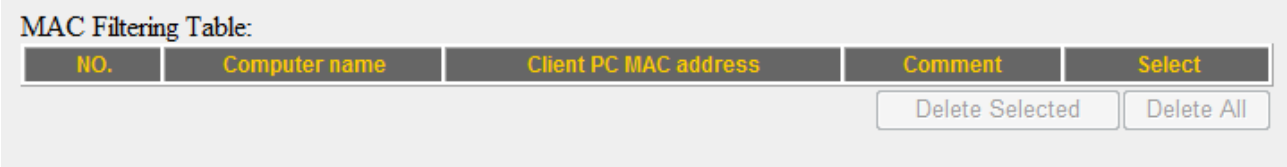
MAC Filtering: Deny or allow access based on MAC address of client computer



Item Name	Description
Enable MAC Filtering	Check this box to enable MAC address based filtering, and please select ‘Deny’ or ‘Allow’ to decide the behavior of MAC filtering table. If you select deny, all MAC addresses listed in filtering table will be denied from connecting Internet; if you select allow, only MAC addresses listed in filtering table will be able to connect to Internet.
Client PC MAC address	Please input the MAC address of computer or network device here, dash (-) or colon (:) are not required. (i.e. If the MAC address label of your wireless device indicates ‘aa-bb-cc-dd-ee-ff’ or ‘aa:bb:cc:dd:ee:ff’, just input ‘aabbccddeeff’
Computer Name	All computer names found by this broadband router on local network will be listed here. You can select the computer name and click ‘<<’ button to add selected computer’s IP address to ‘Private IP’ field. Please note that this list may not be able to list all computers on your local network. If you think some computer doesn’t appear in the list, select ‘Refresh’ and this broadband router will rescan for all computers attached to LAN port again.

Comment	You can input any text here as the comment of this MAC address, like 'ROOM 2A Computer' or anything. You can input up to 16 alphanumerical characters here. This is optional and you can leave it blank, however, it's recommended to use this field to write a comment for every MAC addresses as a memory aid.
Add	Click 'Add' button to add the MAC address and associated comment to the MAC address filtering table.
Reset	Remove all inputted values.

All MAC address entries will be listed in this page:

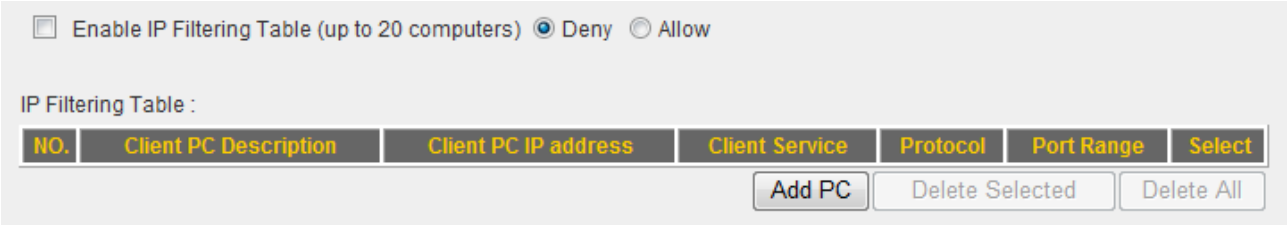


To delete one or more entries listed here, please check the box of the mapping entry (under 'Select'), and click 'Delete Selected' button.

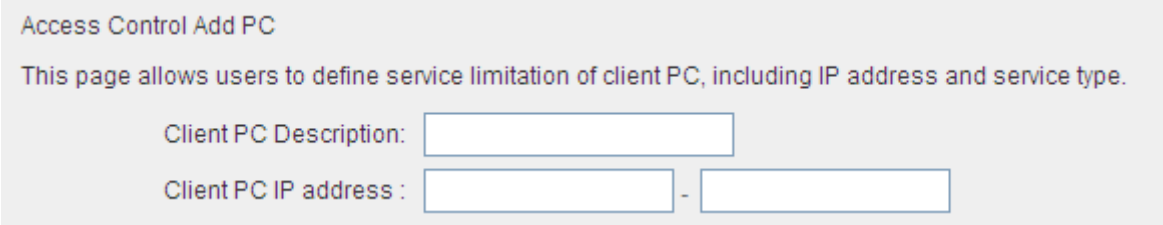
If you wish to delete all mapping entries, click 'Delete All' button. To deselect all checked boxes, click 'Reset' button.

You can restrict computers in the network from accessing specified websites or from using specified applications with access control.

If you wish to use IP address-based filtering, please use 'IP Filtering Table' in this page:

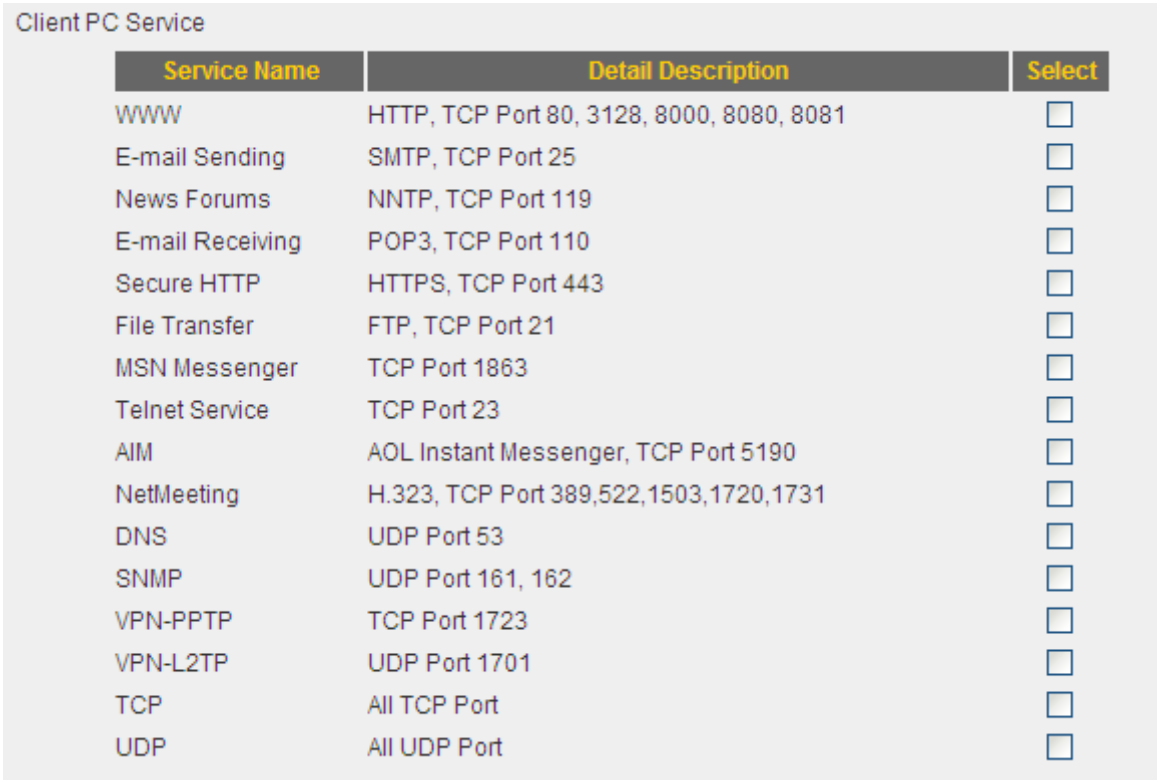


Please check 'Enable IP Filtering Table' box first, and select 'Deny' or 'Allow' to decide the behavior of IP filtering table (Deny the access of IP addresses in the list, or allow the access of IP addresses in the list). You have to click 'Add PC' button to add a new IP address to the list:



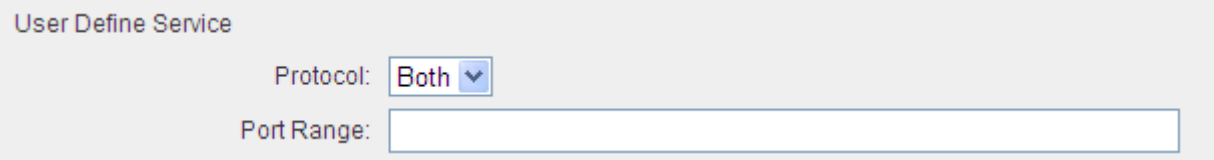
Item Name	Description
Client PC Description	Please input any text to describe this IP address, up to 16 alphanumerical characters.
Client PC IP address	Please input the starting IP address in the left field, and input the end IP address in the right field to define a range of IP addresses, or just input the IP address in the left field to define a single IP address.

You also have to select the type of Internet services that will be applied to this access control rule from the list:



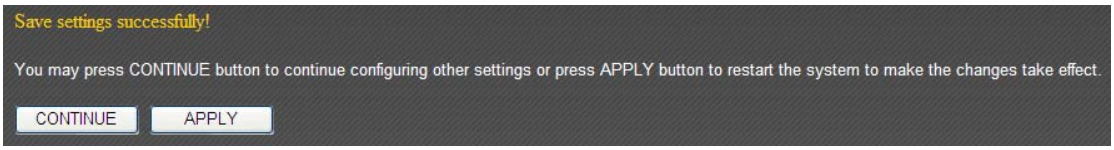
You can select multiple services here. If you wish to deny or allow all services of certain IP address(es), please select both ‘TCP’ and ‘UDP’.

If the service you wish to deny or allow is not listed, you can use ‘User Define Service’ table to add a new service of your own:



Item Name	Description
Protocol	Please select the protocol type of this service: TCP or UDP, or 'Both'.
Port Range	Please input the port range if this service. For a single port number, just input the number of service port (like '110'). If this service consists multiple continuous ports, you can input '110-120' for port number 110 to 120, or '110,115,120' for port number 110, 115, and 120.

Click 'Add' to add this IP address restriction rule to the list (and back to previous page), or click 'Reset' to clear all texts in every field.
When you finished with the settings in this page, you can click 'Apply' button to save changes you made in this page, or you can click 'Cancel' to discard changes. After you click 'Apply' button, you'll see the following messages:



Please click 'Apply' to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-8-2 URL Blocking

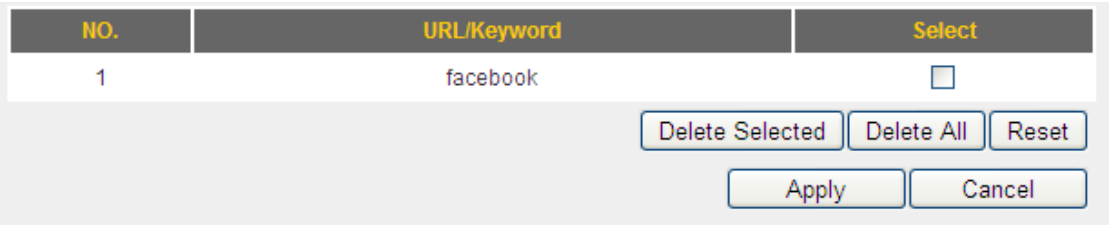
If you want to prevent computers in local network from accessing certain website (like pornography, violence, or anything you want to block), you can use this function to stop computers in local network from accessing the site you defined here.

This function is useful for parents and company managers.

Here are descriptions of every setup items:

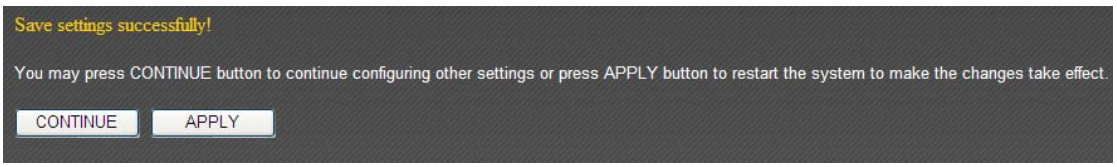
Item Name	Description
Enable URL Blocking	Check this box to enforce URL Blocking, uncheck it to disable URL Blocking.
URL/Keyword	Input the URL (host name or IP address of website, like http://www.blocked-site.com or http://11.22.33.44), or the keyword which is contained in URL (like pornography, cartoon, stock, or anything).
Add	Click 'Add' button to add the URL / keyword to the URL / Keyword filtering table.
Reset	Click 'Reset' to remove the value you inputted in URL/Keyword field.

All existing URLs will be displayed in 'Current URL Blocking Table':



If you want to delete a specific URL/Keyword entry, check the 'select' box of the MAC address you want to delete, then click 'Delete Selected' button. (You can select more than one URL/Keyword). If you want to delete all URL/Keyword listed here, please click 'Delete All' button, or you can also click 'Reset' button to unselect all URL/Keywords.

When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:

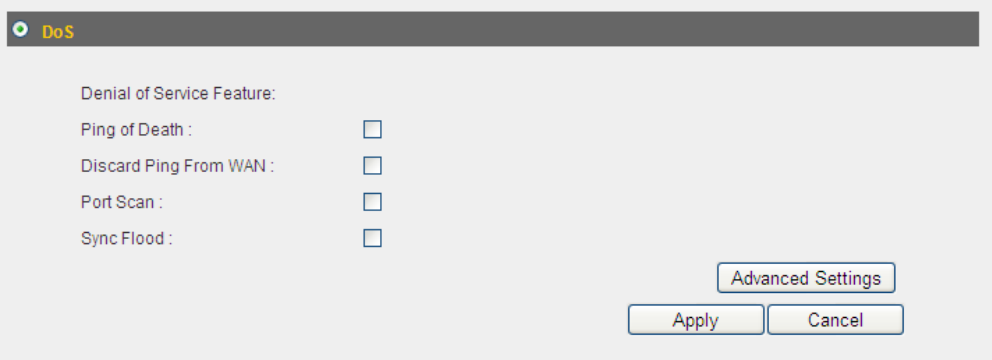


Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

3-8-3 DoS

Denial of Service (DoS) is a common attack measure, by transmitting a great amount of data or request to your Internet IP address and server, the Internet connection will become very slow, and server may stop responding because it is not capable to handle too much traffics.

This router has a built-in DoS attack prevention mechanism; when you activate it, the router will stop the DoS attack for you:



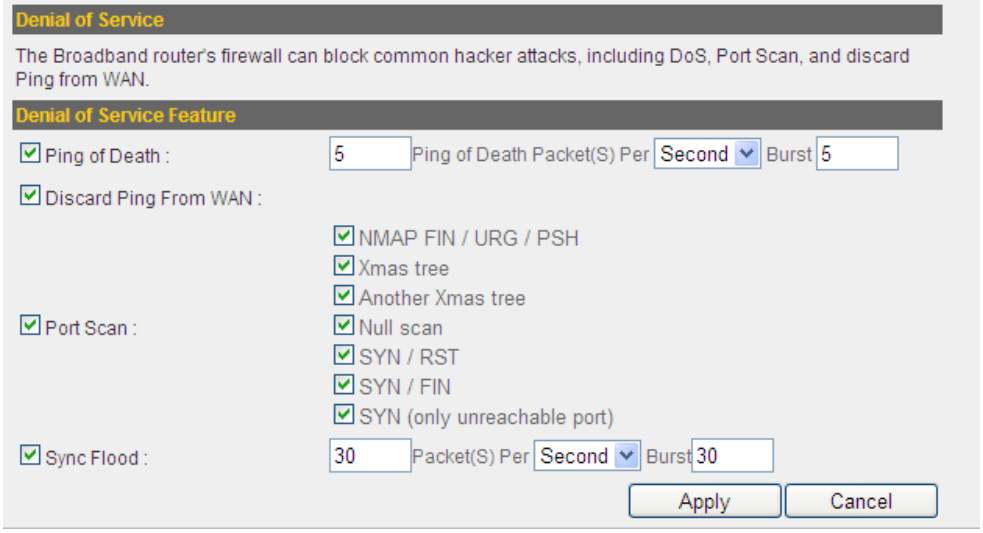
Here lists four kinds of DoS attacks, please select the type of DoS attack you wish this broadband router to protect, and you can select multiple types of attacks.

The descriptions of every DoS attack is listed below:

Item Name	Description
Ping of Death	Ping of Death is a special packet, and it will cause certain computer to stop responding. Check this box and the router will filter this kind of packet out.
Discard Ping From WAN	Ping is a common and useful tool to know the connection status of a specified remote network device, but some malicious intruder will try to fill your network bandwidth with a lot of PING request data packet, to make your internet connection become very slow, even unusable. Check this box and the router will ignore all inbound PING request, but when you activate this function, you will not be able to ping your own router from internet, too.
Port Scan	Some malicious intruder will try to use a 'port scanner' to know how many ports of your Internet IP address are open, and they can collect a lot of valuable information by doing

	so. Check this box and the router will block all traffics which are trying to scan your Internet IP address.
Sync Flood	This is another kind of attack, which uses a lot of fake connection request to consume the memory of your server, and try to make your server become unusable. Check this box and the router will filter this kind of traffic out.

If you need to specify the details of every DoS attack, please click 'Advanced Settings' button, and the following settings will appear:

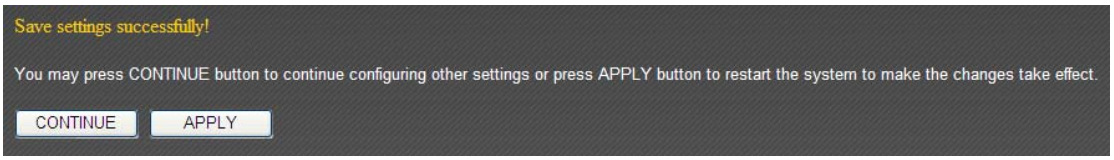


The descriptions of every setup item are listed below:

Item Name	Description
Ping of Death	Set the threshold of when this DoS prevention mechanism will be activated. Please check the box of Ping of Death, and input the frequency of threshold (how many packets per second, minute, or hour), you can also input the 'Burst' value, which means when this number of 'Ping of Death' packet is received in very short time, this DoS prevention mechanism will be activated.
Discard Ping From WAN	Check the box to activate this DoS prevention mechanism.
Port Scan	Many kind of port scan methods are listed here, please check one or more DoS attack methods you want to prevent.

Sync Flood	Like Ping of Death, you can set the threshold of when this DoS prevention mechanism will be activated.

When you finished with the settings in this page, you can click ‘Apply’ button to save changes you made in this page, or you can click ‘Cancel’ to discard changes. After you click ‘Apply’ button, you’ll see the following messages:



Please click ‘Apply’ to save changes you made and restart the broadband router, this requires about 60 seconds and the broadband router will stop responding (this is normal and is not malfunction). You can reconnect to this broadband router and continue on other settings later.

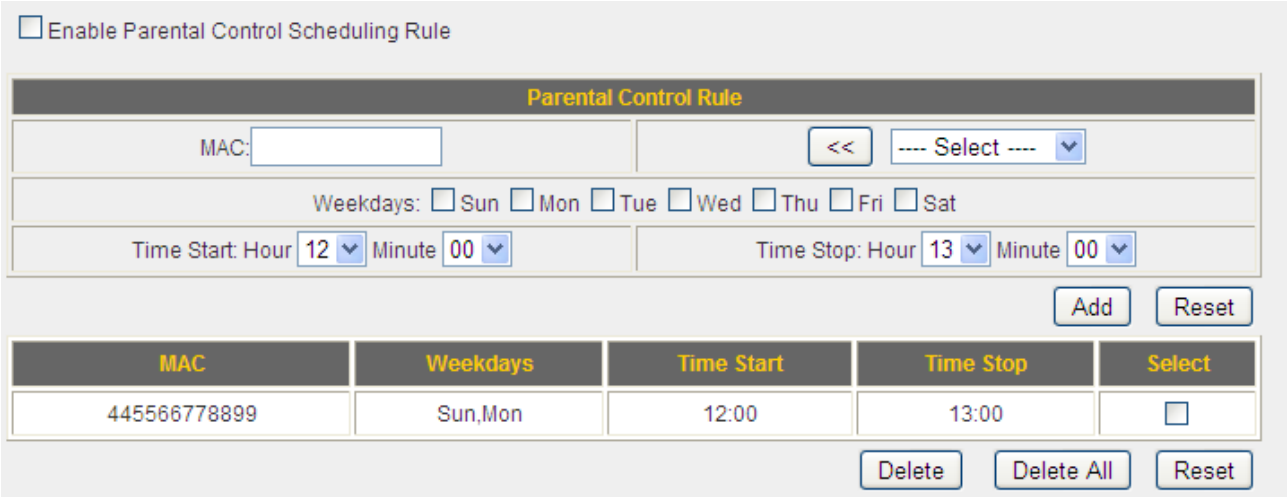
3-9 Parental Control

You can control when your child is able to access the Internet under “Parental Control”.

To enable the parental control function, check “Enable Parental Control”. This router will only allow Internet access to other computers when your computer is present. By default, your computer’s MAC address will be listed here automatically. You can also input another computer’s MAC address manually in the “MAC Address of Parental PC” field.

NOTE: You do not need to enter the punctuation marks in the MAC address. Just enter the 12 hexadecimal numbers (as shown above).

You also have the option of setting up a parental control schedule.

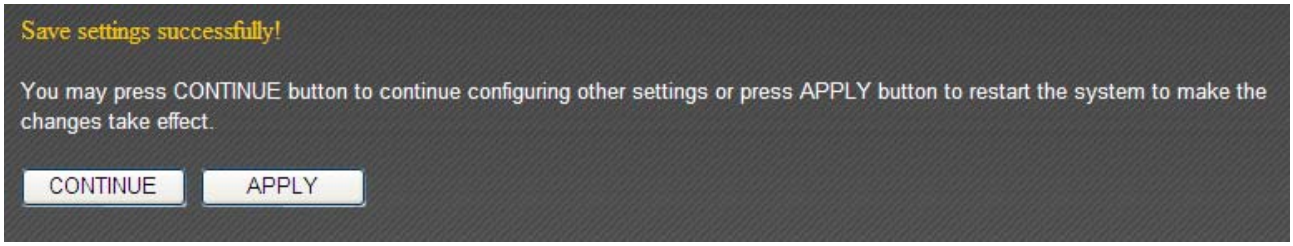


Item Name	Description
MAC	Input the MAC address of the computer you want to control (i.e. your child’s computer) in the “MAC” field. You can also select a computer’s MAC address in the “Select” dropdown list, and copy it by clicking “<<”.
Weekdays	Select the days that will be affected by the parental control rule.
Time Start/Time Stop	Select the starting/ending time the parental control rule will take effect.
Add	Click “Add” to add the parental control rule to the list.

Reset	Click “Reset” to clear all fields.

To delete one or more entries in the list, please check the box of the corresponding entry (under “Select”), and click “Delete”. If you wish to delete all the entries, click “Delete All”.

Click “Apply” to save the changes, or click “Cancel” to discard the changes. After you have clicked “Apply”, you will see the following message:



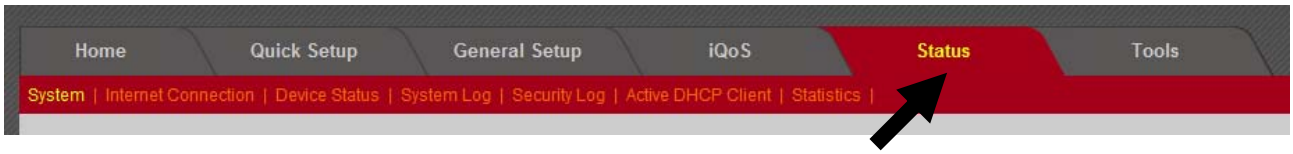
Click “Apply” to save the changes and restart the broadband router. It takes about 60 seconds for the broadband router to restart. Click “Continue” to configure other settings.

CHAPTER IV: STATUS, TOOLS & LANGUAGE

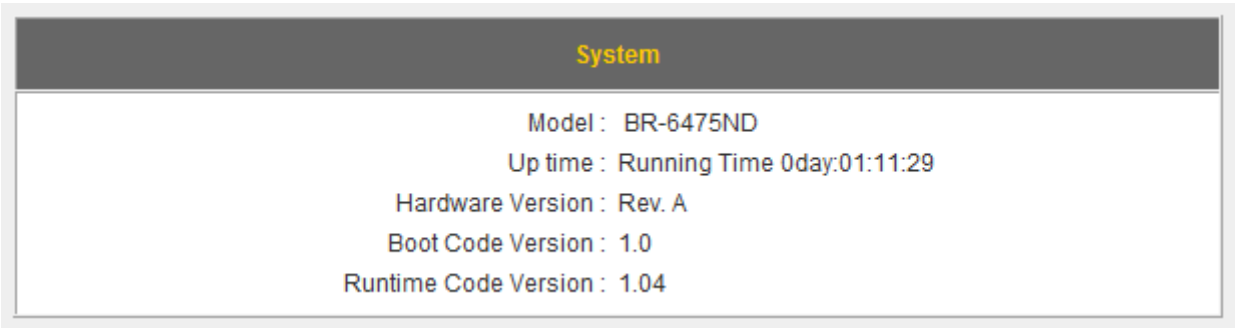
4-1 Status

You can check how your router is currently operating under “Status”.

1. Click the “Status” tab.

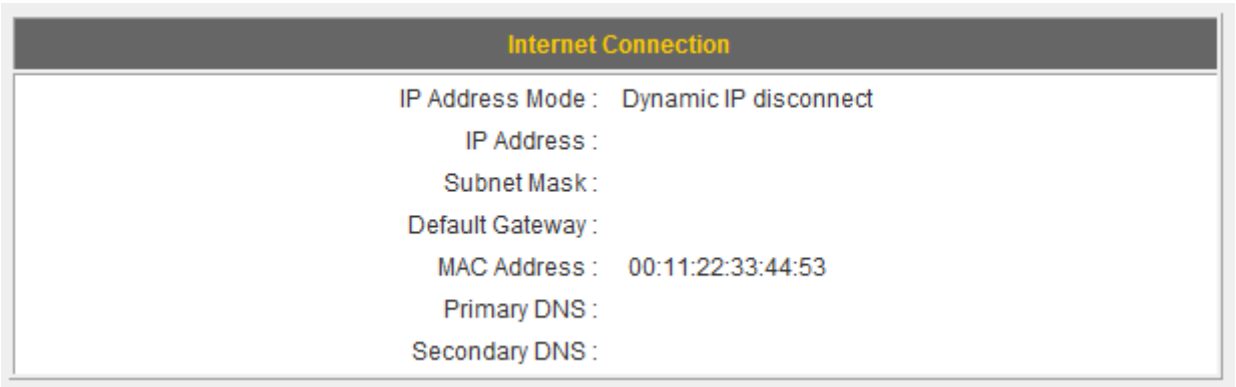


2. Basic system information will be shown under “System”. More information can be found in the other subpages under “System”.



4-1-1 Internet Connection

This page shows the status of your Internet connection.

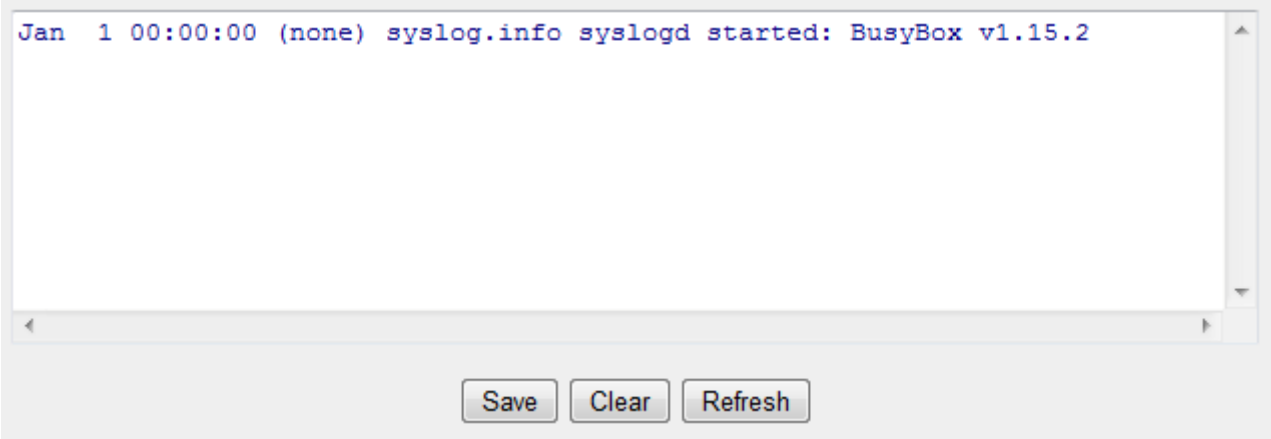


4-1-2 Device Status

This page shows the current settings of your wired and wireless LAN.

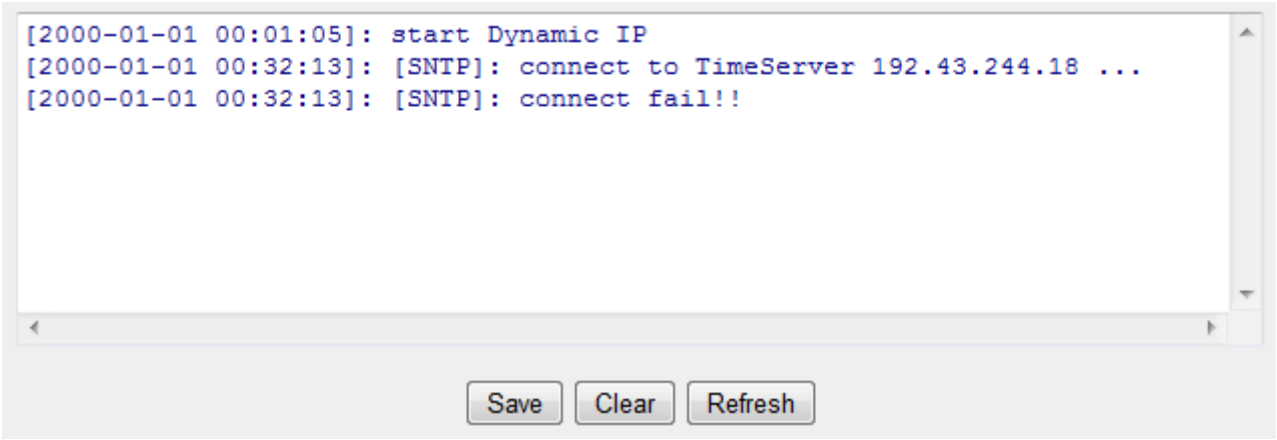
4-1-3 System Log

This page shows all logged system information. You can click “Save” to download the log file to your computer. You can also click “Clear” to remove all logs, or click “Refresh” to reload the logs.



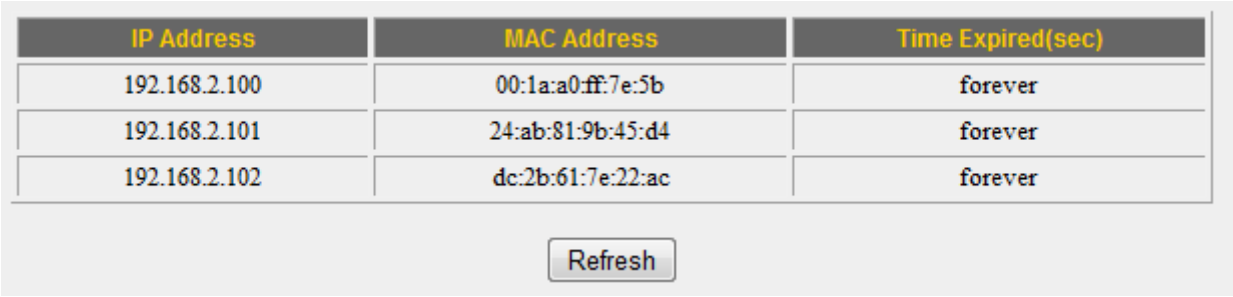
4-1-4 Security Log

This page shows all logged security-related information. You can click “Save” to download the log file to your computer. You can also click “Clear” to remove all logs, or click “Refresh” to reload the logs.



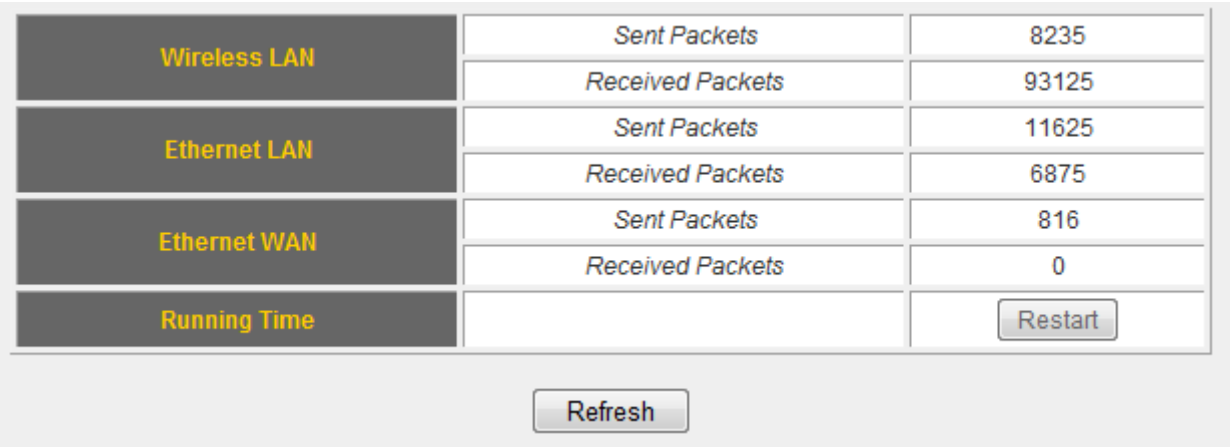
4-1-5 Active DHCP Client

This page shows all current DHCP clients. You can click “Refresh” to reload the list.



4-1-6 Statistics

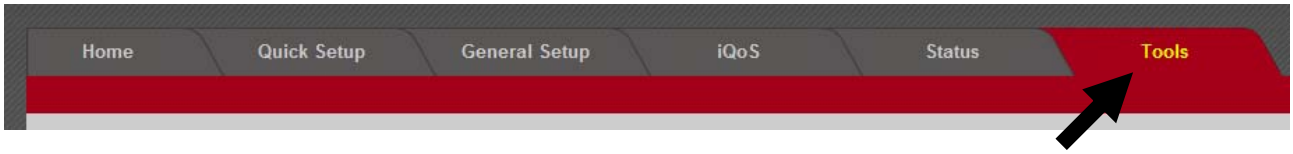
This page shows the statistical information of each network interface and the total system up time.



4-2 Tools

This broadband router comes with several tools that help you backup the settings, upgrade the firmware, and restart the device.

1. Click the “Tools” tab.



2. You will be able to access the configuration tools, upgrade your firmware, or restart the router here.

4-2-1 Configuration Tools

You can backup and restore your system configurations here. You can also reset all settings to the factory default.

1. Click “Configuration Tools”.

Item Name	Description
Backup Settings	Click the “Save...” button to save the current settings on your computer as a “config.bin” file.
Restore Settings	Click the “Browse...” button to select a previously saved “config.bin” file from your computer, then click “Upload” to replace the current settings with the settings in the “config.bin” file.
Restore to Factory Default	Click “Reset” to restore the settings to the factory default. A pop-up message window will appear and ask you to confirm the reset.

2. Click “Apply” to save the changes. If you wish to go back to the previous page, click “Previous”.

4-2-2 Firmware Upgrade

You can upgrade your firmware in the “Firmware Upgrade” section.

1. Download the firmware file from our company’s website and save it on your computer.

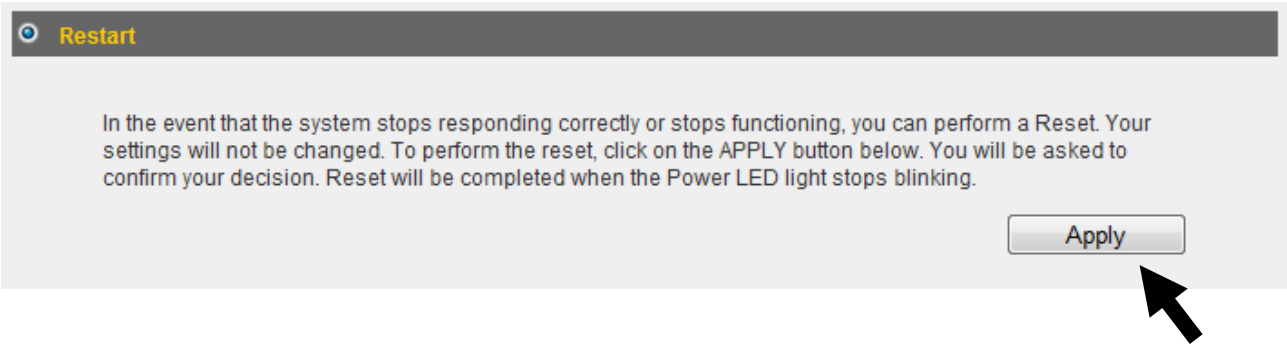
2. Click “Browse...” to find the firmware file saved on your computer, then click “Apply” to start firmware upload. The broadband router will restart after the file is uploaded. All your current settings will be lost after the firmware is upgraded.

   NOTE: It is recommended that you use a wired Ethernet connection and not a wireless connection to upload the firmware file. Do not switch the broadband router or computer off while performing firmware upgrade. This will cause the broadband router to malfunction.

4-2-3 Restart

If your broadband router is not functioning properly or responding slowly, restarting the broadband router may solve the problem.

1. Select “Reset”.

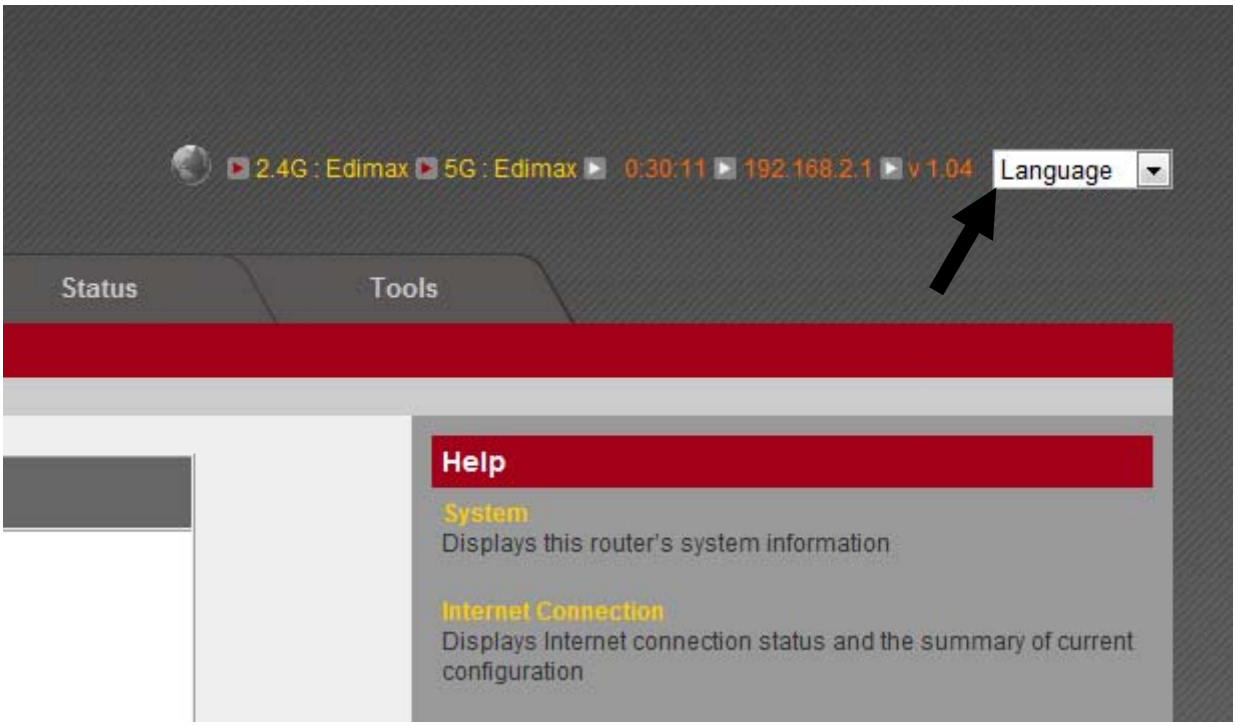


2. Click the “Apply” button to restart the broadband router.

3. When you are prompted to confirm the restart, click “OK”.

4-3 Language

This broadband router's web-based user interface supports several languages. You can change the display language with the "Language" dropdown menu at the upper-right corner of the user interface.



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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:

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

FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. 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. Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

Federal Communications Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure 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 2.5cm (1 inch) during normal operation.

Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

EU Countries Not Intended for Use

None

EDIMAX Technology Co., Ltd.
www.edimax.com