

4 Ports 11g Wireless ADSL2/2+ Router

QUICK SETUP GUIDE

FOR ANNEX A/B

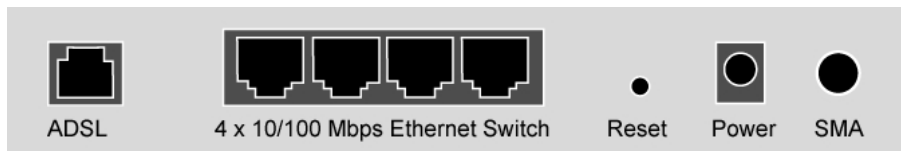
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1. Panel Descriptions

1.1 Back Panel:

The back panel of the 4 Ports 11g Wireless ADSL2/2+ Router contains ADSL, Ethernet Switches, Reset Button, Power Adaptor connection and SMA Connector.



ADSL	Port for connecting to the ADSL/ADSL2/ADSL2+ Service Provider.
Ports 1~4	Four 10/100Mbps Ethernet Ports for connecting to the network devices
RESET	Restore the 4 Ports 11g Wireless ADSL2/2+ Router to factory default setting.
POWER	12V DC/1A Power adapter connector.
SMA	Detachable SMA dipole antenna.



All the Ethernet port of the 4 Ports 11g Wireless ADSL2/2+ Router supports auto-crossover capability.



RESET Button:
Reboot & Restore the 4 Ports 11g Wireless ADSL2/2+ Router to factory defaults.

To Reset the 4 Ports 11g Wireless ADSL2/2+ Router:

- Ensure that the device is powered on.
- Press the Reset button for 10~15 seconds and release. Wait for 30 seconds after release the Reset button. Do not power off the device during the reset process.
- The default settings are now restored after 30 seconds.

1.2 Front Panel:

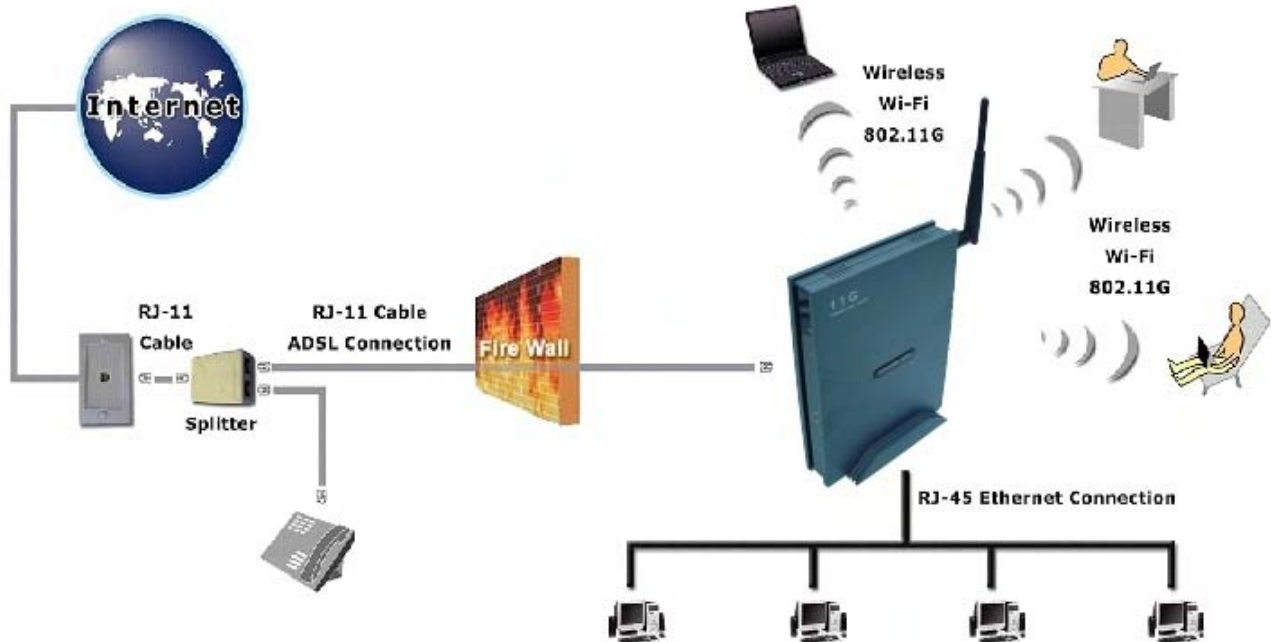
The 4 Ports 11g Wireless ADSL2/2+ Router's LED indicators display information about the device's status.



PWR	Lights up when 4 Ports 11g Wireless ADSL2/2+ Router is powered on.
WLACT	Lights up when Wireless system is ready.
	Blinking when 4 Ports 11g Wireless ADSL2/2+ Router is sending or receiving data.
1	Blinking when 4 Ports 11g Wireless ADSL2/2+ Router is sending or receiving data.
2	Blinking when 4 Ports 11g Wireless ADSL2/2+ Router is sending or receiving data.
3	Blinking when 4 Ports 11g Wireless ADSL2/2+ Router is sending or receiving data.
4	Blinking when 4 Ports 11g Wireless ADSL2/2+ Router is sending or receiving data.
ADSL	Lights up when a successful ADSL2/2+ connection is established.
	Blinking when 4 Ports 11g Wireless ADSL2/2+ Router is sending or receiving data.
PPP	Lights up when a PPP connection is established.

2. Connecting 4 Ports 11g Wireless ADSL2/2+ Router

2.1 Connection Mechanism:



This section describes the hardware connection mechanism of your 4 Ports 11g Wireless ADSL2/2+ Router on your Local Area Network (LAN) connect to the Internet, how to configure your 4 Ports 11g Wireless ADSL2/2+ Router for Internet access or how to manually configure your Internet connection.

Before you can establish an Internet or Wireless connection through your 4 Ports 11g Wireless ADSL2/2+ Router, make sure you have the following:

1. A Computer/Notebook with an installed Ethernet Adaptor and an Ethernet Cable, OR
2. A Computer/Notebook with a Wireless-b or Wireless-g Wireless adaptor installed.
3. ADSL service account and configuration information provided by your Internet Service Provider (ISP). The following configuration parameters are require in order to connect your 4 Ports 11g Wireless ADSL2/2+ Router to the Internet:
 - a. VPI/VCI parameters
 - b. Multiplexing Method or Protocol Type or Encapsulation Type
 - c. Host and Domain Names
 - d. ISP Login Name and Password
 - e. ISP Domain Name Server (DNS) Address
 - f. Fixed or Static IP Address

2.2 Steps for Connection:

Following are the steps to properly connect your 4 Ports 11g Wireless ADSL2/2+ Router:

1. Turn off your computer.
2. Connect the ADSL port of your 4 Ports 11g Wireless ADSL2/2+ Router to the wall jack of the ADSL Line with a RJ-11 cable.
3. Connect the Ethernet cable (RJ-45) from your 4 Ports 11g Wireless ADSL2/2+ Router to the Ethernet Adaptor in your computer.
4. Connect the Power adaptor to the 4 Ports 11g Wireless ADSL2/2+ Router and plug the other end into a Power outlet.



***The Power light will lit after power on the 4 Ports 11g Wireless ADSL2/2+ Router.
Auto and self-diagnostic process will turn the LED indicators ON and OFF during the process.***



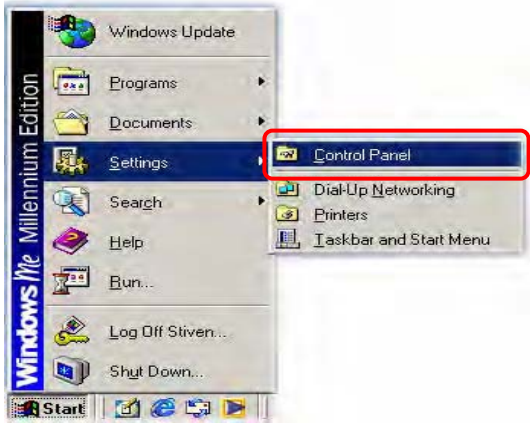
Use the Power Adaptor exclusively in combination with the equipment supplied and do not use any other kind of power adaptor for the equipment

5. Turn on your computer.
6. Refer to the next chapter to setup or configure your system's Network Adaptor.

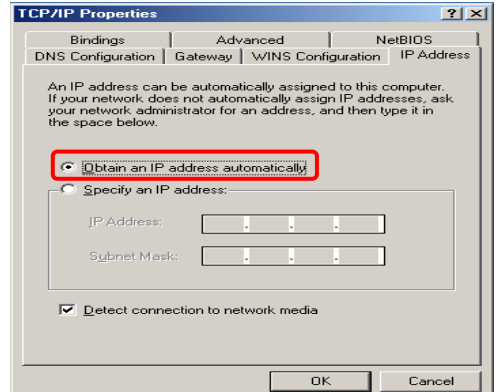
3. Setting up the TCP/IP

Windows Me / 98

Step 1: Click **Start**→**Settings**→**Control Panel**.



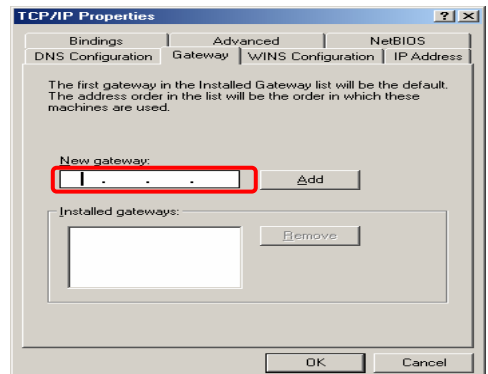
Step 4: Go to IP Address icon and select **Obtain an IP address**.



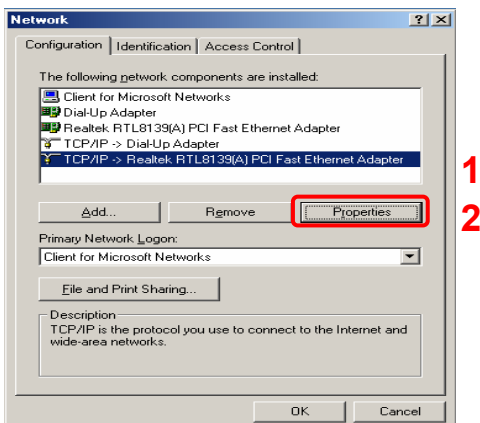
Step 2: Double-click the **Network** icon.



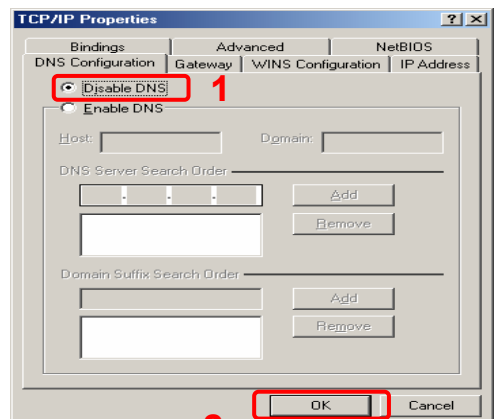
Step 5: Go to Gateway icon and erase all previous setting.



Step 3: Go to Configuration icon, select network adapter installed and click **Properties**.

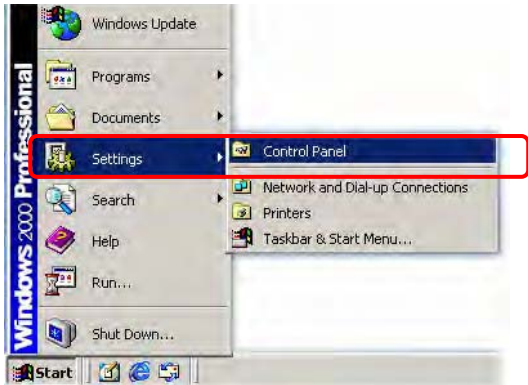


Step 6: Go to DNS Configuration icon, select **Disable DNS** and click **OK**.

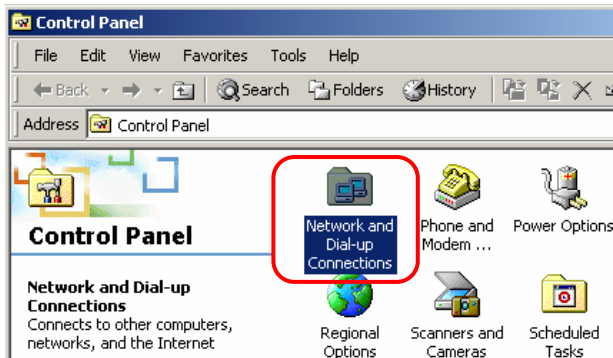


Windows 2000

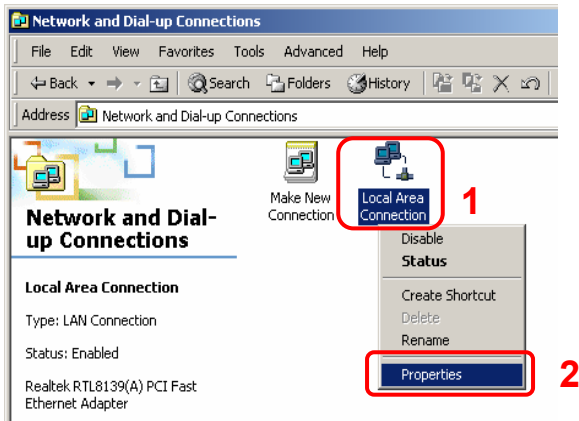
Step 1: Click **Start**→**Settings**→**Control Panel**.



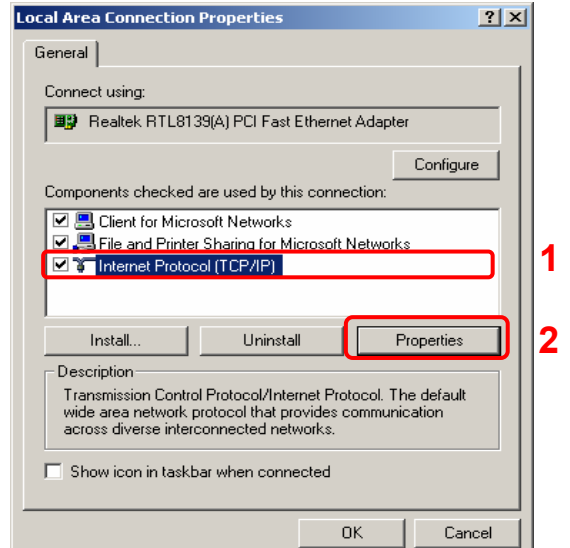
Step 2: Double-click the **Network and Dial-up Connections**.



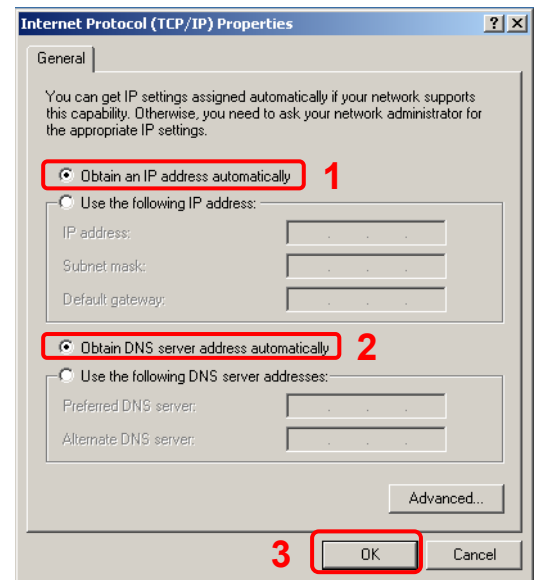
Step 3: Right Click the **Local Area Connection** and select **Properties**.



Step 4: Select **Internet Protocol (TCP/IP)** and click **Properties**.

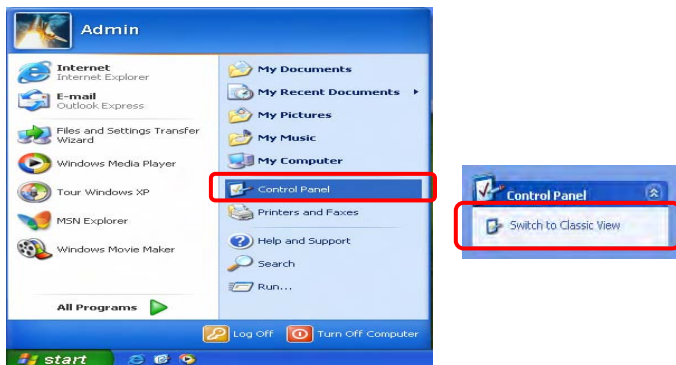


Step 5: Select **Obtain an IP address automatically** and **DNS server address automatically**. Then, click **OK**.

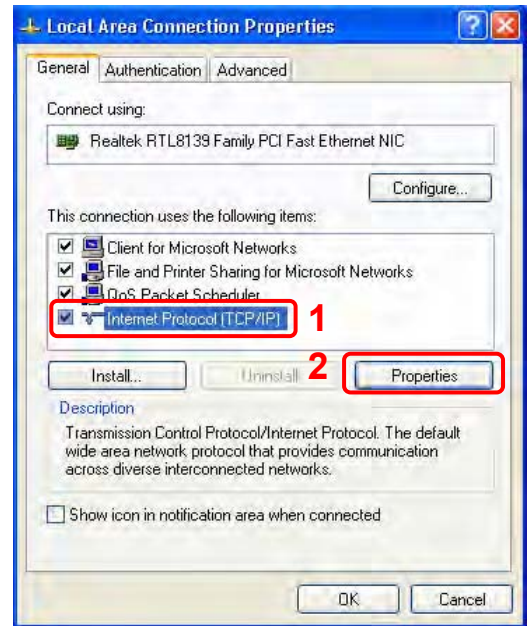


Windows XP

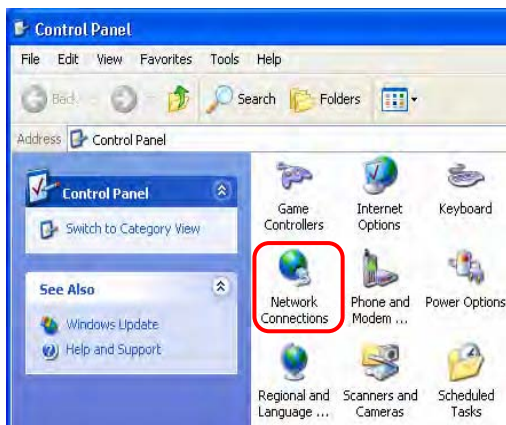
Step 1: Click **Start**→**Control Panel**→**Classic View**.



Step 4: Go to General icon, select **Internet Protocol (TCP/IP)** and click **Properties**.

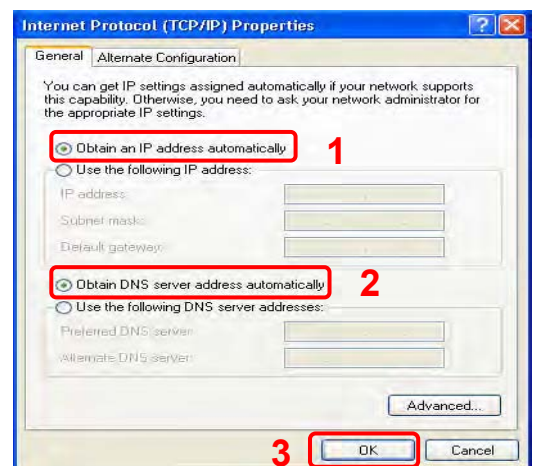
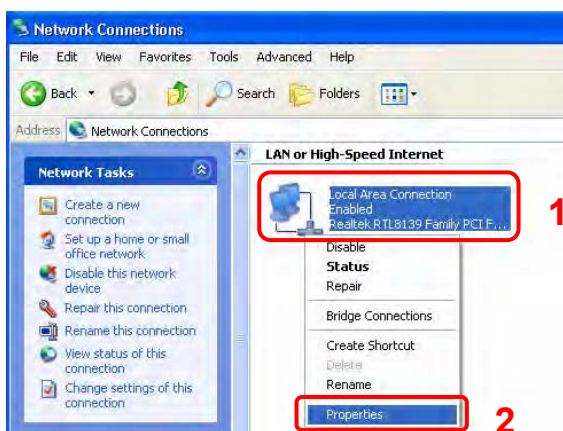


Step 2: Double-click the **Network Connections**.



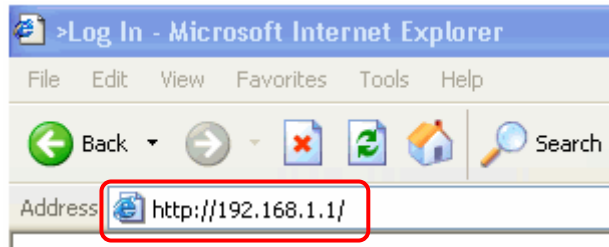
Step 5: Go to General icon, select **Obtain an IP address automatically** and **DNS server address automatically**. Then, click **OK**.

Step 3: Right Click on the **Local Area Connection** and select **Properties**.

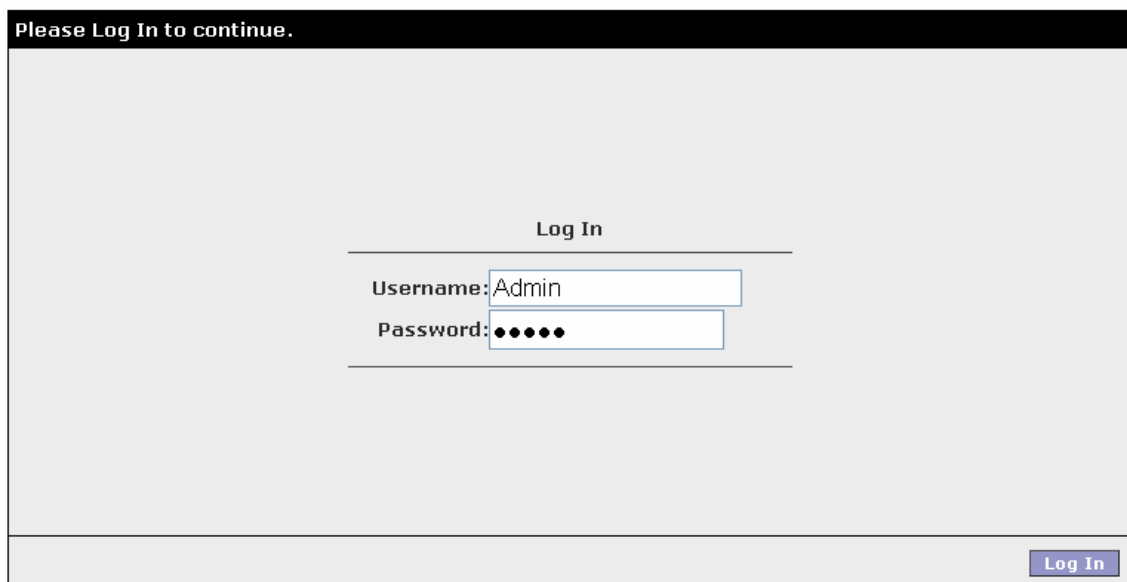


4. Setting up the 4 Ports 11g Wireless ADSL2/2+ Router

1. Launch your web browser, and enter the 4 Ports 11g Wireless ADSL2/2+ Router's IP Address: **"192.168.1.1"** in the address field then press the **"Enter"** key to login.



2. Enter the default **User Name: "Admin"** and **Password: "Admin"**. Then press **"OK"** to login.

A screenshot of a web browser displaying a login page. The page has a black header with the text "Please Log In to continue." Below the header, the text "Log In" is centered. There are two input fields: "Username: Admin" and "Password: ●●●●". A "Log In" button is located at the bottom right of the page.

Note that the Username and Password are case sensitive.

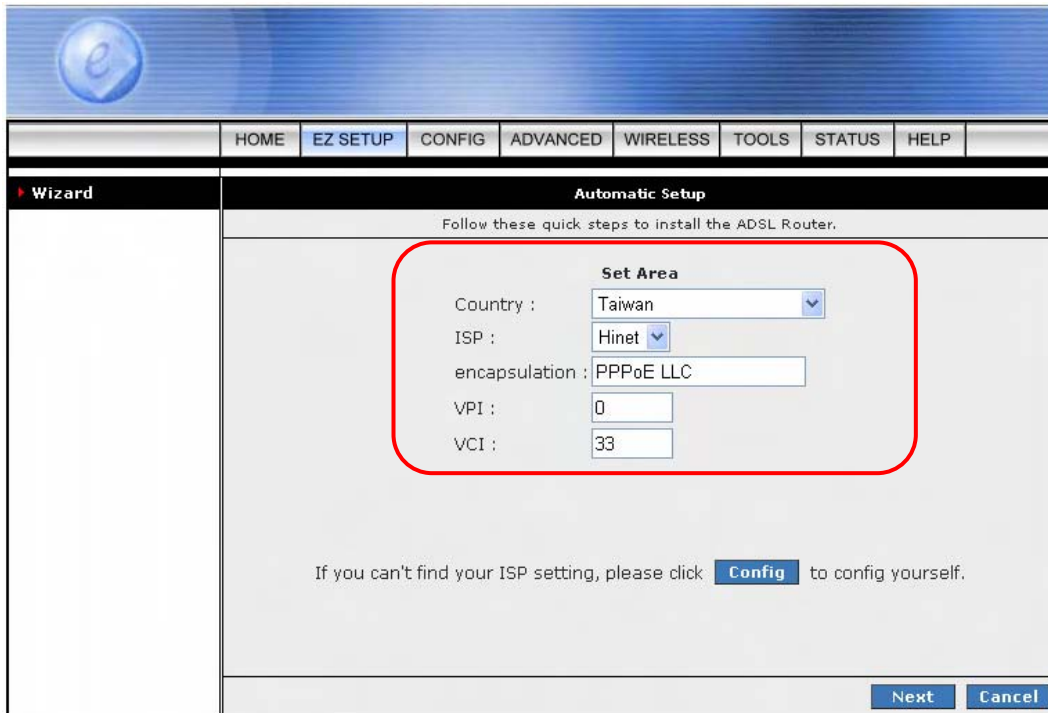
- Upon entering the address into the web browser, the configurable **HOME** page with all the device configuration information will pop up.



- Click **“EZ SETUP -- Wizard”** and proceed with the following steps to help you install the 4 Ports 11g Wireless ADSL2/2+ Router quickly and easily.



Step 1 Select your country from the list and note the “Encapsulation” type. The “Encapsulation” type differs in each country and there are two different kinds of setup windows wizard that will pop-up.



The screenshot shows the 'Automatic Setup' wizard interface. The 'Set Area' section is highlighted with a red rounded rectangle. It contains the following fields:

- Country : Taiwan (dropdown menu)
- ISP : Hinet (dropdown menu)
- encapsulation : PPPoE LLC (text input)
- VPI : 0 (text input)
- VCI : 33 (text input)

Below the form, there is a text prompt: "If you can't find your ISP setting, please click: **Config** to config yourself." At the bottom right, there are "Next" and "Cancel" buttons.




Click “Config” or “CONFIG – New Connection” if you can’t find any available parameters from the presetting country list.

Check your ISP immediately for the setting/configuration details.

A. For countries with the following “**Encapsulation**” after clicking the “**Next**” button, you will enter into “**Set PPP Password**” window as shown below.

- PPPoA VC-Mux**
- PPPoA LLC**
- PPPoE LLC**



The screenshot shows a web-based configuration interface for a router. At the top, there is a navigation menu with tabs: HOME, EZ SETUP, CONFIG, ADVANCED, WIRELESS, TOOLS, STATUS, and HELP. Below the menu, a sidebar on the left contains a 'Wizard' section. The main content area is titled 'Automatic Connection Setup - PPP' and displays a 'Set PPP Password' dialog box. This dialog box has two input fields: 'Username' with the text 'username' and 'Password' with five dots. A red rectangular box highlights the 'Set PPP Password' dialog. At the bottom right of the main content area, there are three buttons: 'Apply', 'Back', and 'Cancel'.

Manually enter your “**Username**” and “**Password**” which will be provided by your Service Provider (ISP). Check this with your ISP for correct settings. Click “**Apply**” after setup.

B. For countries with the following “**Encapsulation**” after clicking the “**Next**” button from **STEP 1**, you will enter into the “**Set Area**” window as shown below.

- 1483 Bridged LLC**
- 1483 Routed VC-MUX**

The screenshot shows a web-based configuration interface for an ADSL router. The main window is titled "Automatic Setup" and contains a "Set Area" section. This section is highlighted with a red rounded rectangle. The fields in the "Set Area" section are: Country (Argentina), ISP (Argentina Telecom), encapsulation (1483 Bridged LLC), VPI (0), and VCI (33). Below these fields, there are three radio button options for "Connection Type": "Static (Fixed IP by ISP)", "DHCP (Get IP dynamically from ISP)", and "Bridge". The "DHCP" option is selected. At the bottom of the "Set Area" section, there is a "Config" button. Below the "Set Area" section, there is a message: "If you can't find your ISP setting, please click **Config** to config yourself." At the bottom right of the window, there are "Next" and "Cancel" buttons.

In this current window, you will find 3 different **Connection Type**:

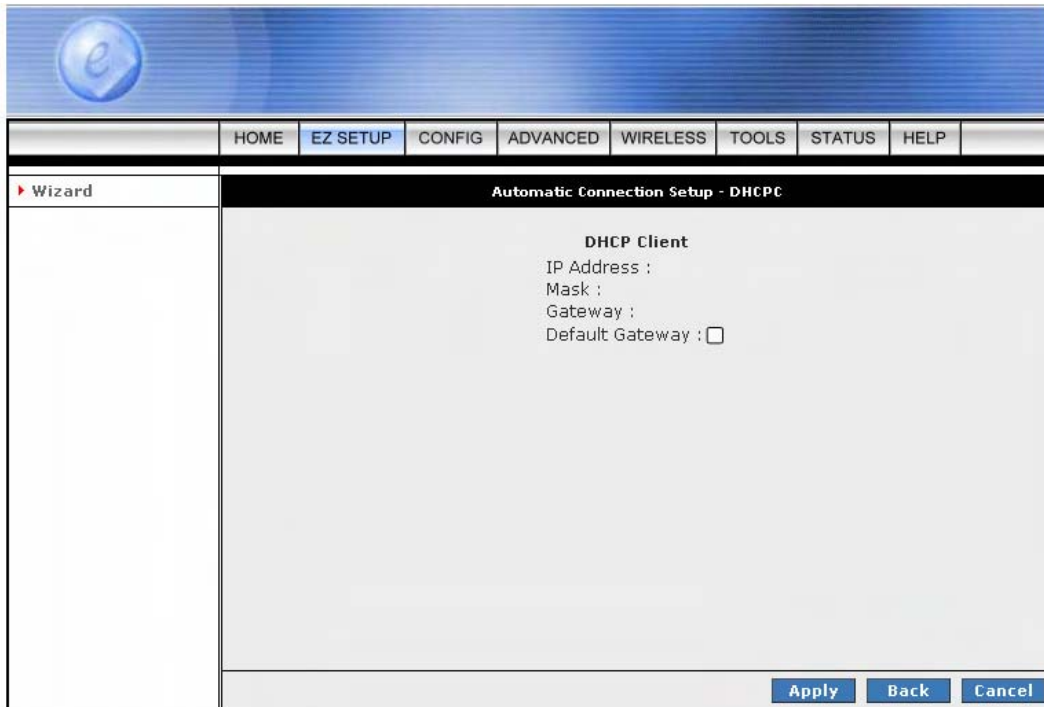
- I. Static (Fixed IP by ISP),**
- II. DHCP (Get IP dynamically from ISP),**
- III. Bridge.**

- I. **Static (Fixed IP by ISP):** Click the radio button to enable **Static (Fixed IP by ISP)** option, then click **“Next”**. The following window will pop-up:

The screenshot shows a web browser window with a blue header and a navigation menu. The main content area is titled "Automatic Connection Setup - Static" and contains a "Set Static IP" section. This section has a red rounded rectangle around it. Inside the rectangle are five input fields: "IP Address" with the value "192.168.1.53", "Mask" with "255.255.255.0", "Default Gateway" with "192.168.1", and three empty fields for "DNS 1", "DNS 2", and "DNS 3". At the bottom right of the form are three buttons: "Apply", "Back", and "Cancel".

Manually enter the **“IP Address”**, **“Mask”**, **“Default Gateway”** and **“DNS”**. Click **“Apply”** after your setting. Refer to your ISP for further details on the correct setting.

II. **DHCP (Get IP dynamically from ISP):** Click the radio button to enable **DHCP (Get IP dynamically from ISP)** option, then click **“Next”**. The following window will pop-up:



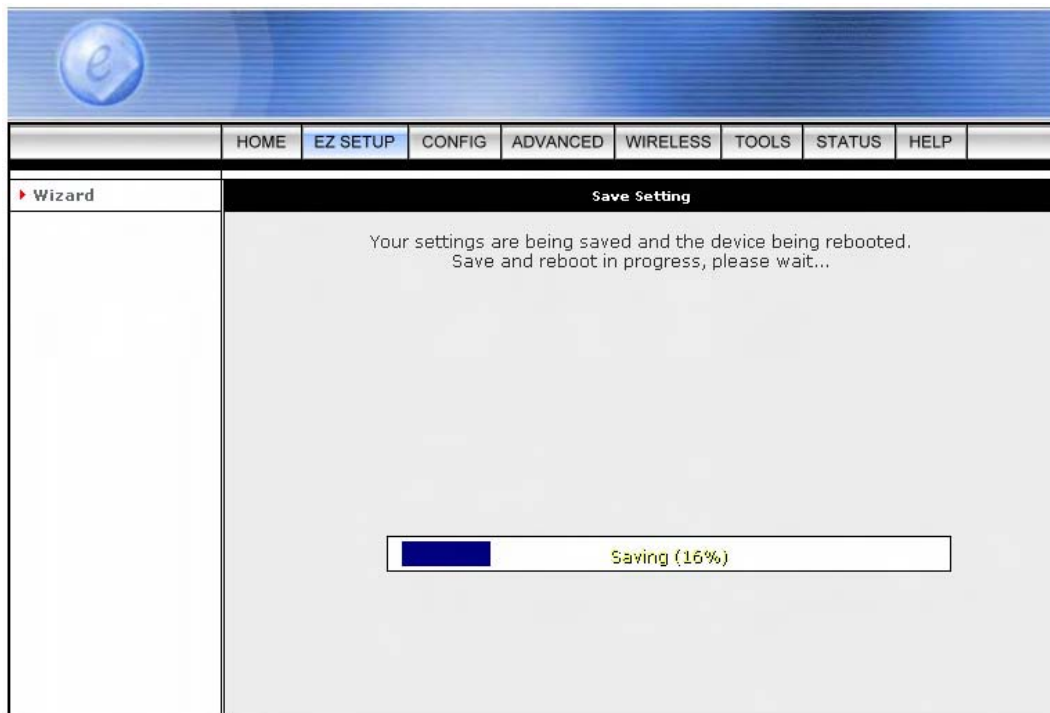
Click to enable the **“Default Gateway”** then click **“Apply”** after your setting. Refer to your ISP for further details on the correct setting.

- III. **Bridge**: Click the radio button to enable **Bridge** connection option, then click **“Next”**. The following screen will pop-up:



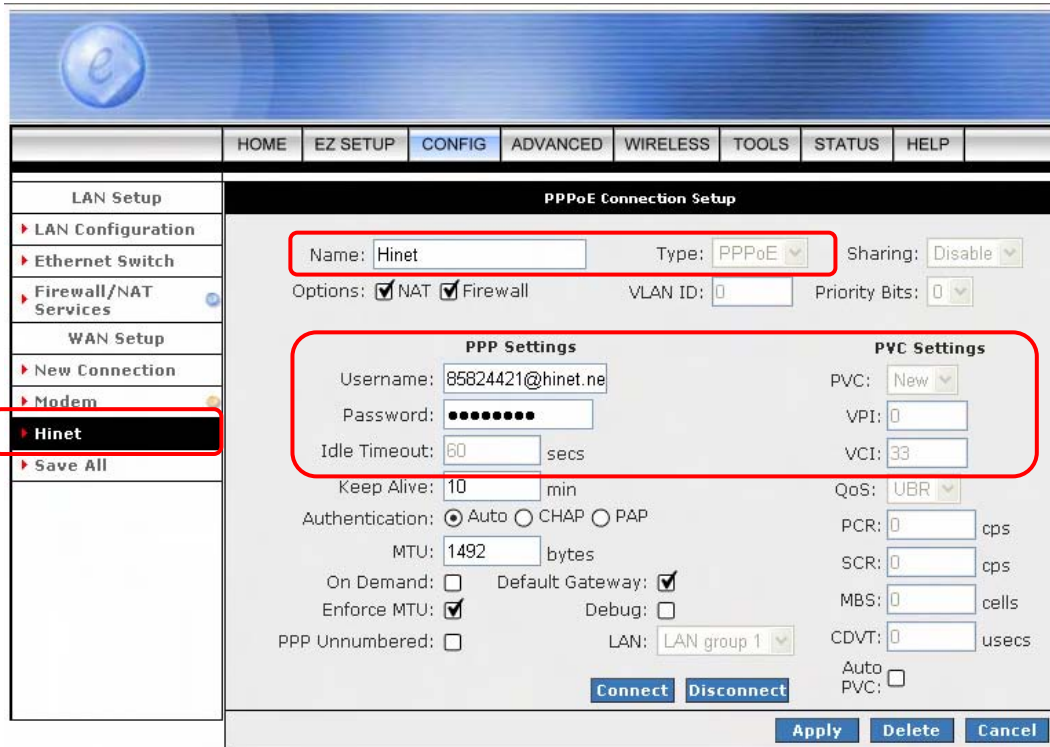
Click and choose **“Select LAN”** from the dropdown manual or leave it as it’s default then click **“Apply”** after your setting. Refer to your ISP for further details on the correct setting.

Step 2 Click **“Apply”** after setup. Following windows will pop-up.



The device's system will save and activate your setting after clicking the **“Apply”** button.

The following windows will pop up after the reboot process.



- Check the following items when the above window pop-up. All the setting should be exactly the same with your setting in **STEP 1**.

- ✓ **Name:** Show the **ISP** name selected in **STEP 1**.
- ✓ **Type:** Show the **Encapsulation** type selected in **STEP 1**.
- ✓ **Username:** Show the **Username** manually entered in **STEP 1**.
- ✓ **Password:** Show the **Password** manually entered in **STEP 1**.
- ✓ **VPI:** Show the **VPI** setting as shown in **STEP 1**.
- ✓ **VCI:** Show the **VCI** setting as shown in **STEP 1**.

- A **Connection Profile** (Normally show the ISP Name) will be added to the left side of the configuration frame under **WAN Setup**.

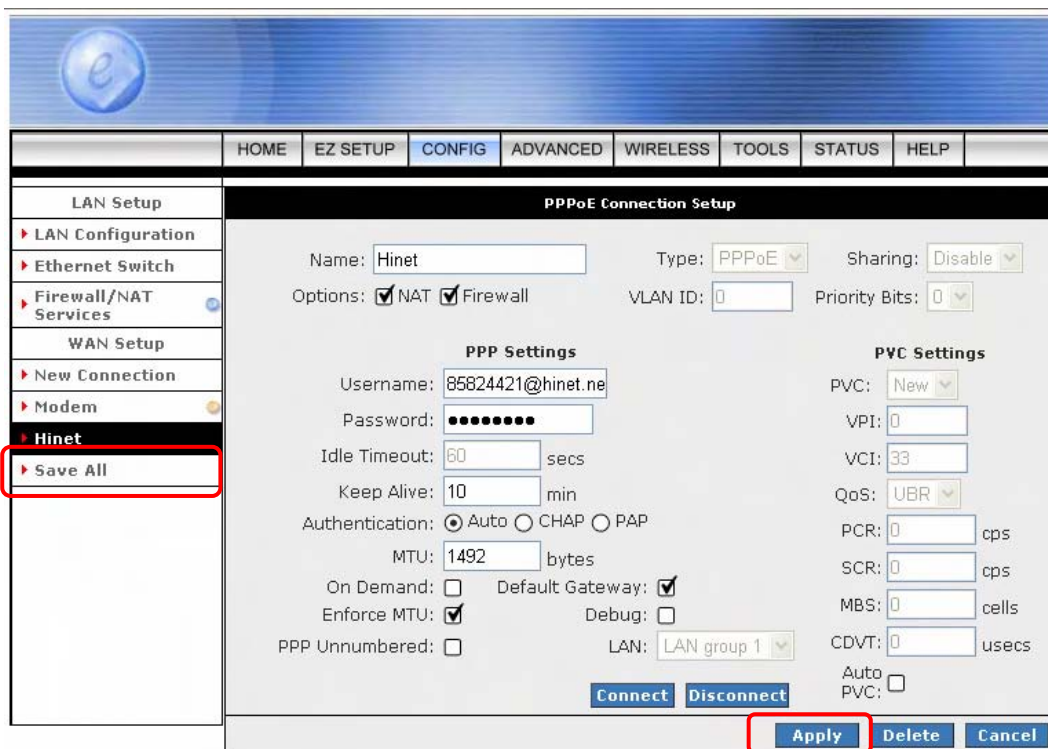
NOTE: If the final setting are differ from what you'd selected in **STEP 1**, click **EZ SETUP – Wizard** and redo the setup procedures or else check your dealer immediately for technical support.

NOTE: The 4 Ports 11g Wireless ADSL2/2+ Router can be configured to maintain up to 8 Connection Profiles.

Different Connection Profiles may be required if you connect to more than one ADSL service provider, or if you vary the connection type/setting you use.

Note that in many cases, only one Connection Profile will be required and only one Connection Profile is used at one time.

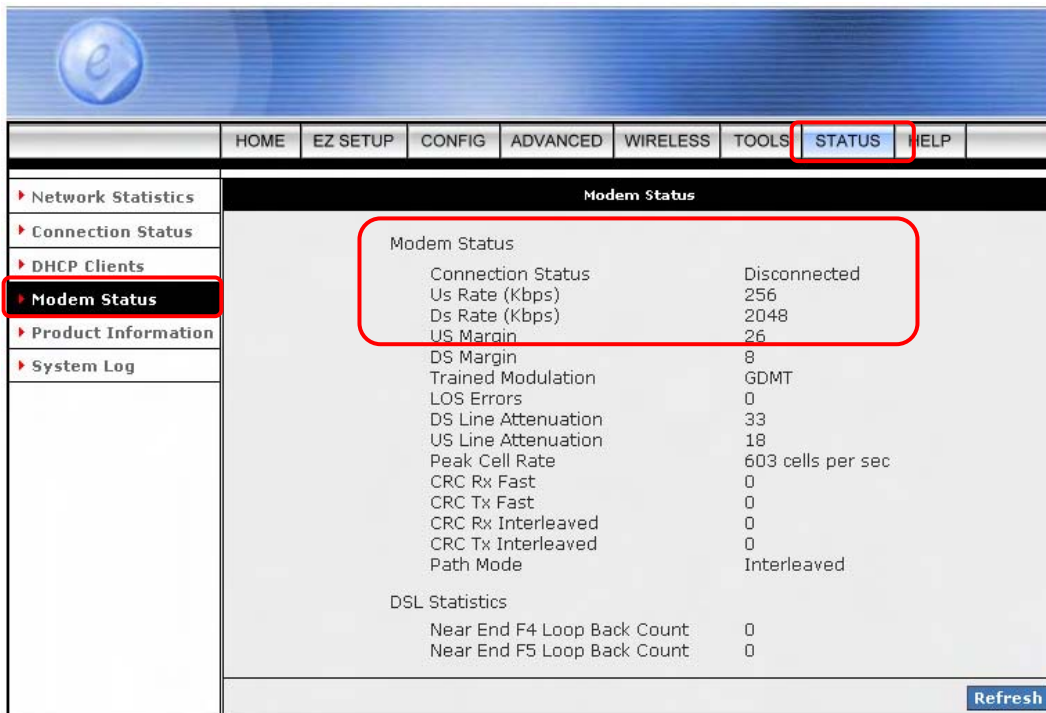
To complete and save the new Connection Profile, click the **Apply** button, and then click **Save All**.



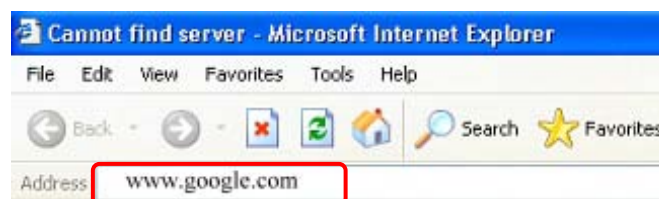
NOTE: For more detailed information regarding settings and connections, refer to “Users Manual”.

5. Making sure of Internet connection

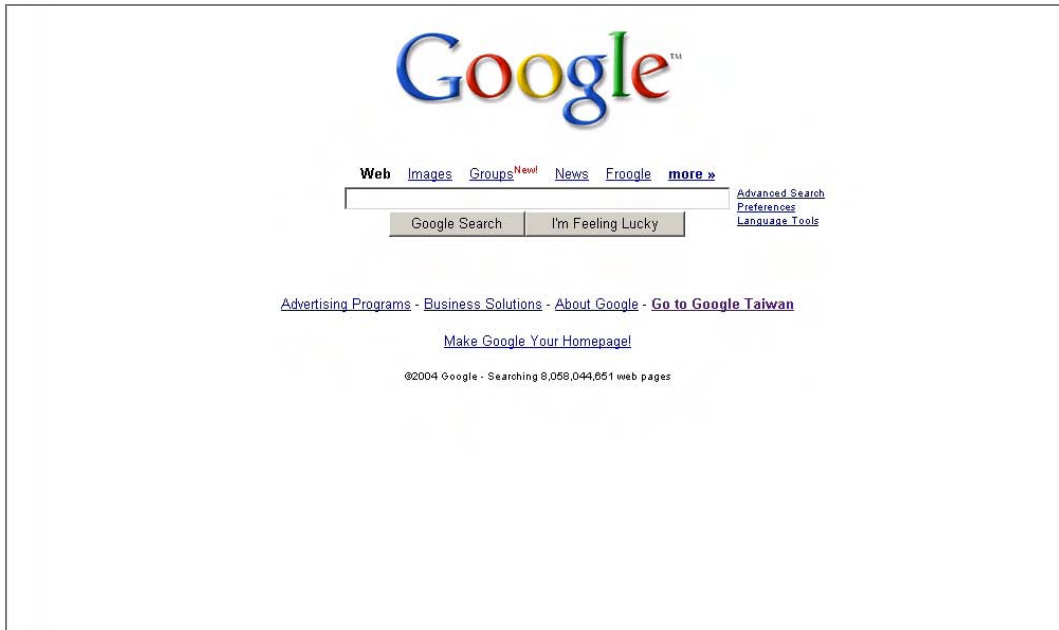
1. Go to **“STATUS”** → **“Modem Status”** and the following window will pop-up. Check the **“Connection Status”**, **“Us Rate”** and **“Ds Rate”**, the numbers/data show you the actual ADSL connection speed in Kbps.



2. Launch your web browser, and enter the Google Website Address: **“www.google.com”** in the address field then press **“Enter”**.



3. The following Google website index page will display on your screen. This shows your ADSL connection is correctly set and access to the Internet is now available.



NOTE: For more detailed information regarding settings and connections, refer to “**Users Manual**”.