DYNAMIX UM-A Plus

1Port ADSL2/2+ Router

**Quick Start Guide
for ANNEX A/B**

Contents

1. Panel Descriptions

1.1 Back Panel:

The back panel of the 1 Port ADSL2/2+ Router contains ADSL, Ethernet Switches, Reset Button and Power Adaptor connection.

| ADSL	Port for connecting to the ADSL/ADSL2/ADSL2+ Service Provider.
LAN	10/100Mbps Ethernet Ports for connecting to the network devices
RESET	Restore the 1 Port ADSL2/2+ Router to factory default setting.
POWER	12V DC/1A or 9V AC/1A Power adapter connector.

!

RESET Button:
Reboot & Restore the 1 Ports ADSL2/2+ Router to factory defaults.

To Reset the 1 Port 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 1 Port ADSL2/2+ Router's LED indicators display information about the device's status.
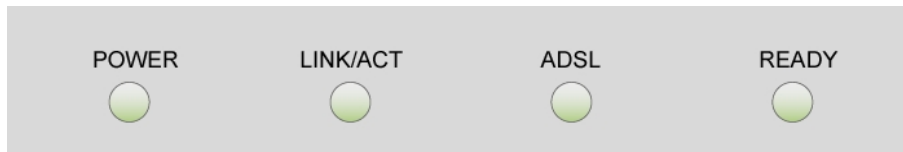
PWR	Lights up when 1 Port ADSL2/2+ Router is powered on.
LINK/ACT	Blinking when 1 Port ADSL2/2+ Router is Sending/Receiving data.
ADSL	Blinking when 1 Port ADSL2/2+ Router is ready.
	Lights up when a successful ADSL2/2+ connection is established.
READY	Lights up when a PPP connection is established.

2. Connecting 1 Port ADSL2/2+ Router

2.1 Connection Mechanism:
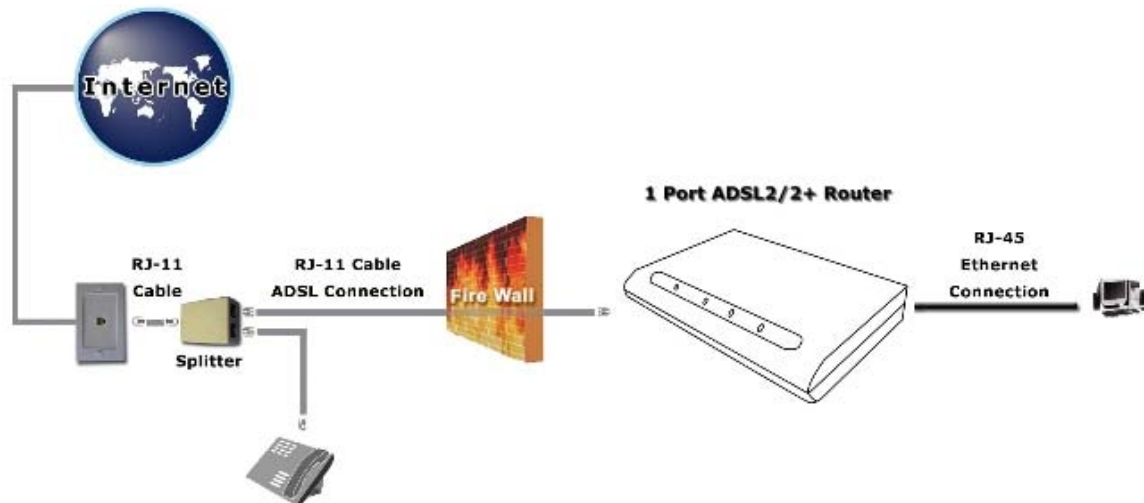
This section describes the hardware connection mechanism of your 1 Port ADSL2/2+ Router on your Local Area Network (LAN) connect to the Internet, how to configure your 1 Port ADSL2/2+ Router for Internet access or how to manually configure your Internet connection.

Before you can establish an Internet or Wireless connection through your 1 Port ADSL2/2+ Router, make sure you have the following:

1. A Computer/Notebook with an installed Ethernet Adaptor and an Ethernet Cable.
2. ADSL service account and configuration information provided by your Internet Service Provider (ISP). The following configuration parameters are require in order to connect your 1 Port ADSL2/2+ Router to the Internet:

   a. VPI/VCI parameters
   b. Multiplexing Method
   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 1 Port ADSL2/2+ Router:

1. Turn off your computer.

2. Connect the ADSL port of your 1 Port 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 1 Port ADSL2/2+ Router to the Ethernet Adaptor in your computer.

4. Connect the Power adaptor to the 1 Port ADSL2/2+ Router and plug the other end into a Power outlet.

> ⚠️ **!**
>
> *The Power light will lit after turning on the 1 Ports ADSL2/2+ Router.*
> *Auto and self-diagnostic process might turn the LED indicators ON and OFF during the process.*

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**.
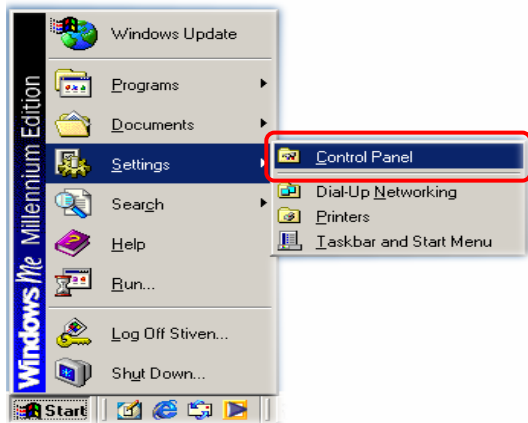
Step 2: Double-click the **Network** icon.
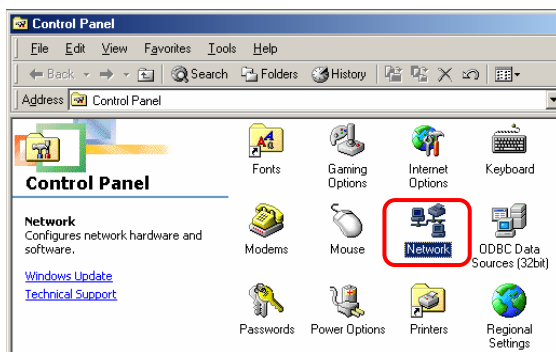
Step 3: Go to Configuration icon, select network adapter installed and click **Properties**.
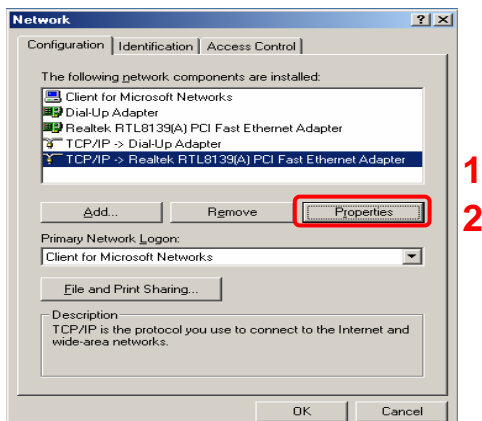
Step 4: Go to IP Address icon and select **Obtain an IP address**.
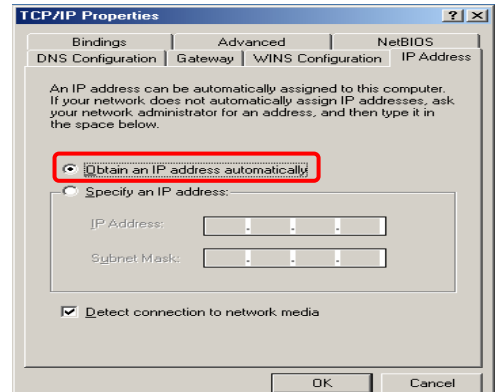
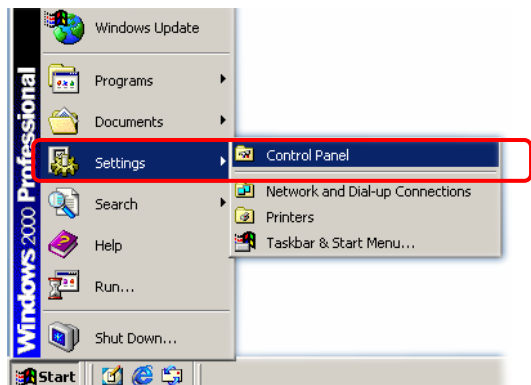**Step 5**: Go to Gateway icon and erase all previous setting.
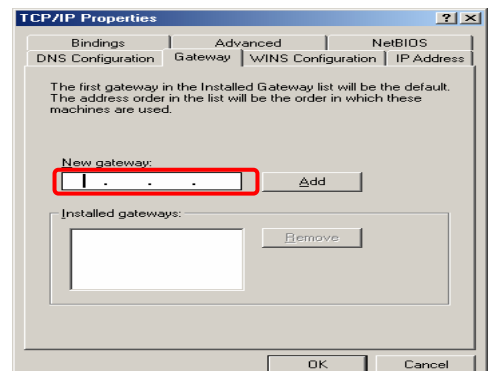
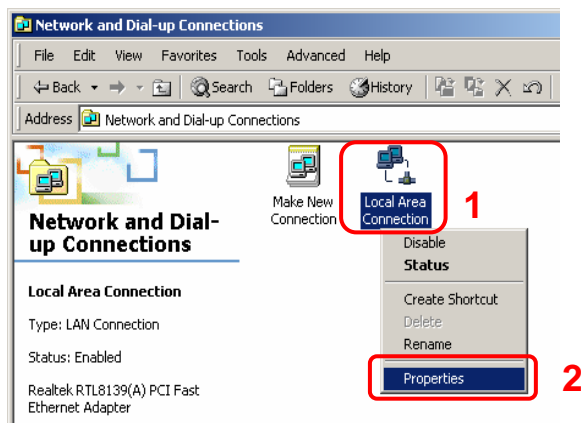**Step 6**: Go to DNS Configuration icon, select **Disable DNS** and click **OK**.
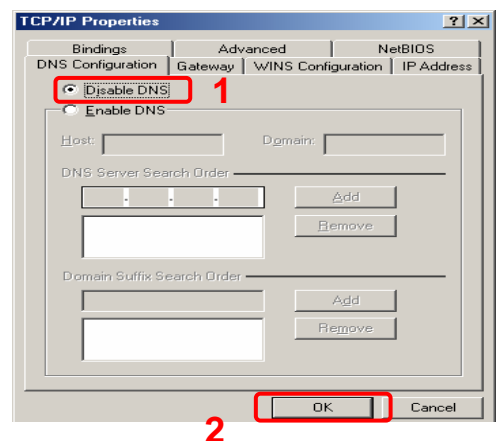
Windows 2000

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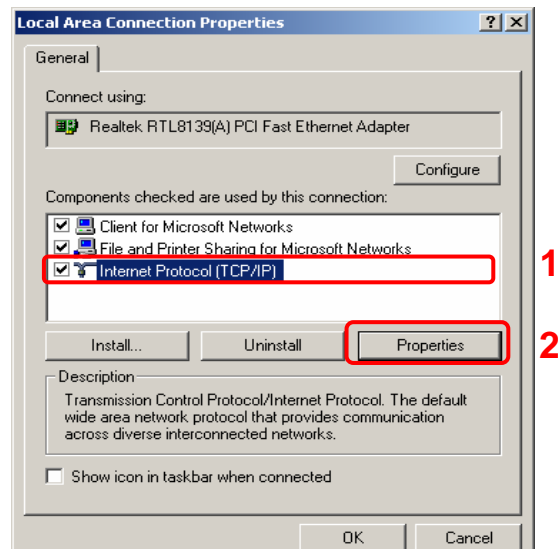
Step 5: Select **Obtain an IP address automatically** and **DNS server address automatically.** Then, click **OK**.
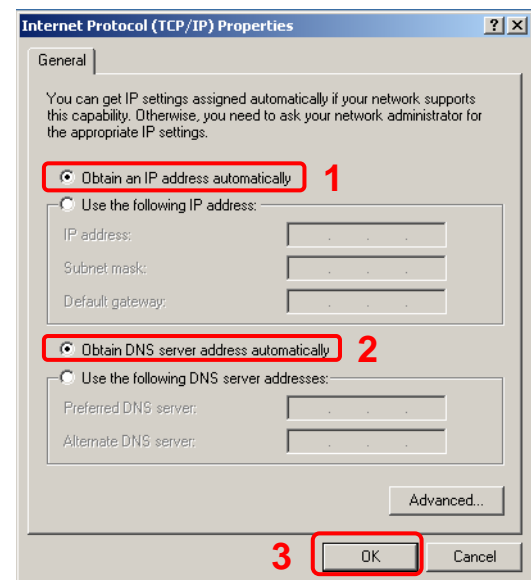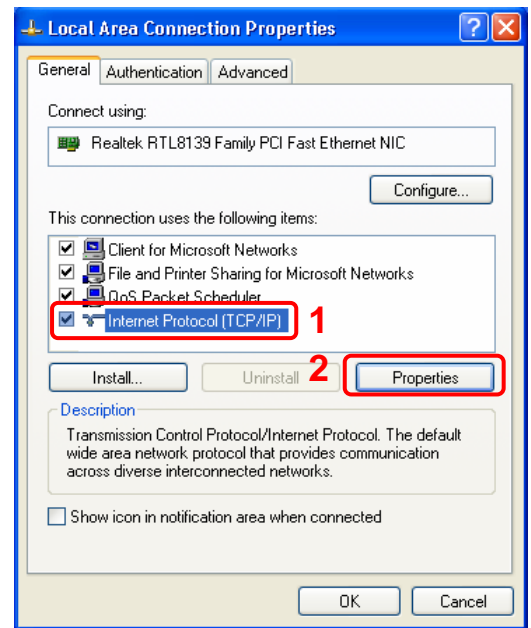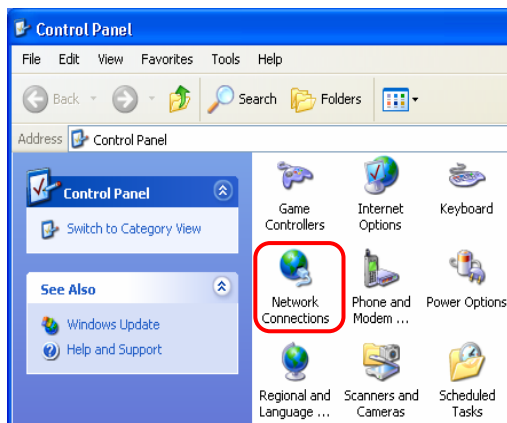
Windows XP

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

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

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

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

Step 5: Go to General icon, select **Obtain an IP address automatically** and **DNS server address automatically**.
Then, click OK**.**
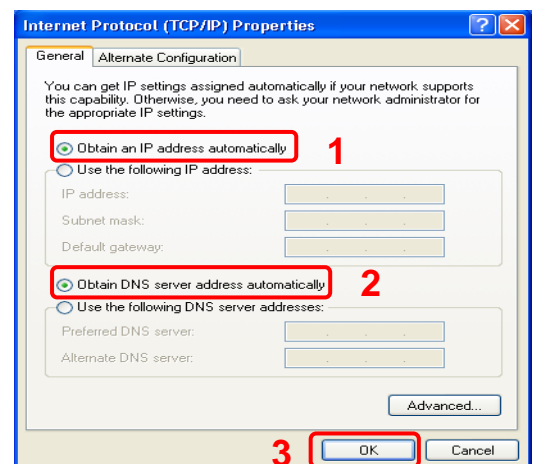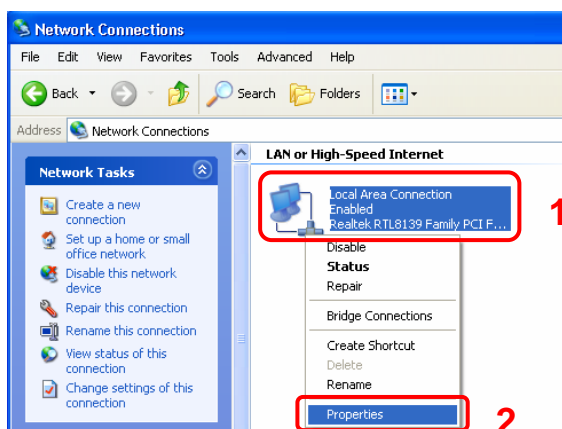
4. Setting up the 1 Port ADSL2/2+ Router

1. Launch your web browser, and enter the 1 Port ADSL2/2+ Router's IP Address: **"192.168.1.1"** in the address field then press the **"Enter"** key to login.
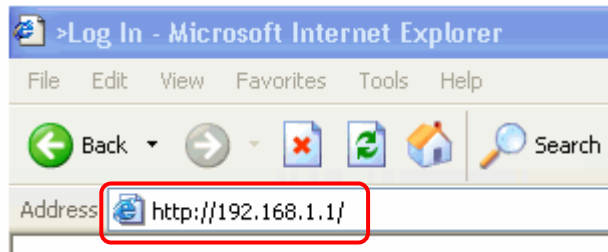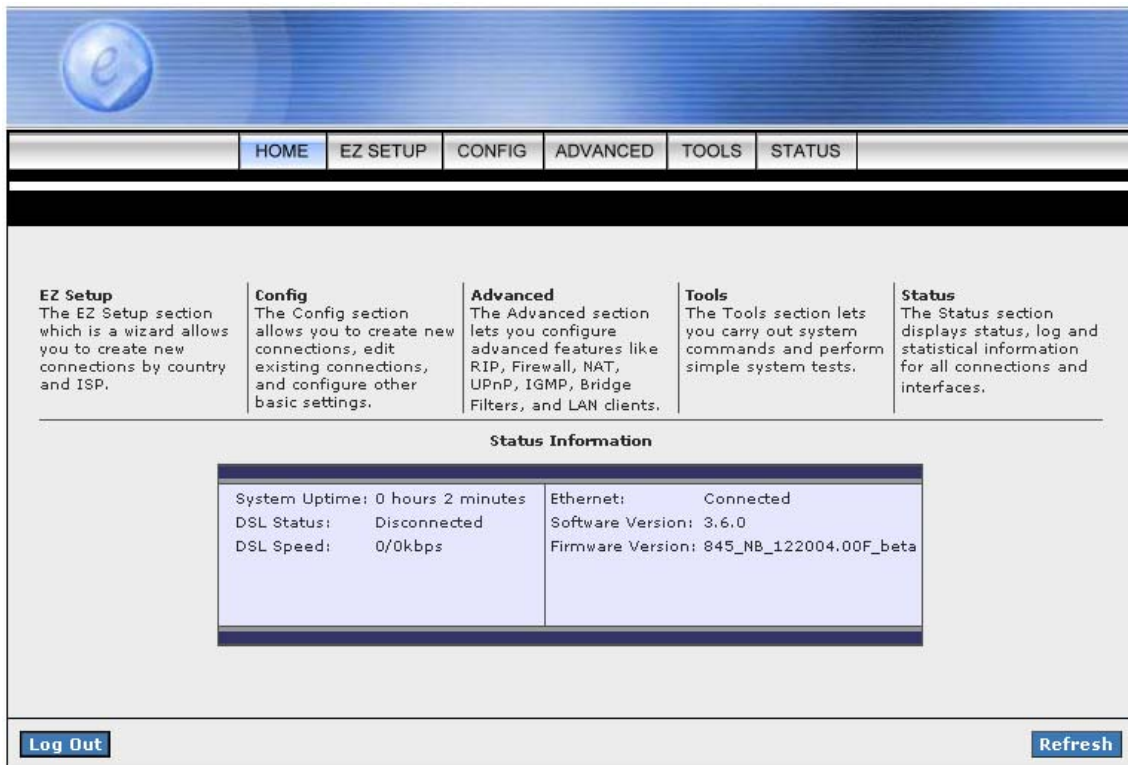
2. Enter the default **User Name**: **"Admin"** and **Password**: **"Admin"**. Then press **"OK"** to login.

! **Note that the Username and Password are case sensitive.**

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

| HOME | EZ SETUP | CONFIG | ADVANCED | TOOLS | STATUS |

EZ Setup
The EZ Setup section which is a wizard allows you to create new connections by country and ISP.

Config
The Config section allows you to create new connections, edit existing connections, and configure other basic settings.

Advanced
The Advanced section lets you configure advanced features like RIP, Firewall, NAT, UPnP, IGMP, Bridge Filters, and LAN clients.

Tools
The Tools section lets you carry out system commands and perform simple system tests.

Status
The Status section displays status, log and statistical information for all connections and interfaces.

Status Information

System Uptime: 0 hours 2 minutes	Ethernet: Connected
DSL Status: Disconnected	Software Version: 3.6.0
DSL Speed: 0/0kbps	Firmware Version: 845_NB_122004.00F_beta

Log Out   Refresh

4. Click **"EZ SETUP -- Wizard"** and proceed with the following steps to help you install the 1 Port 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.
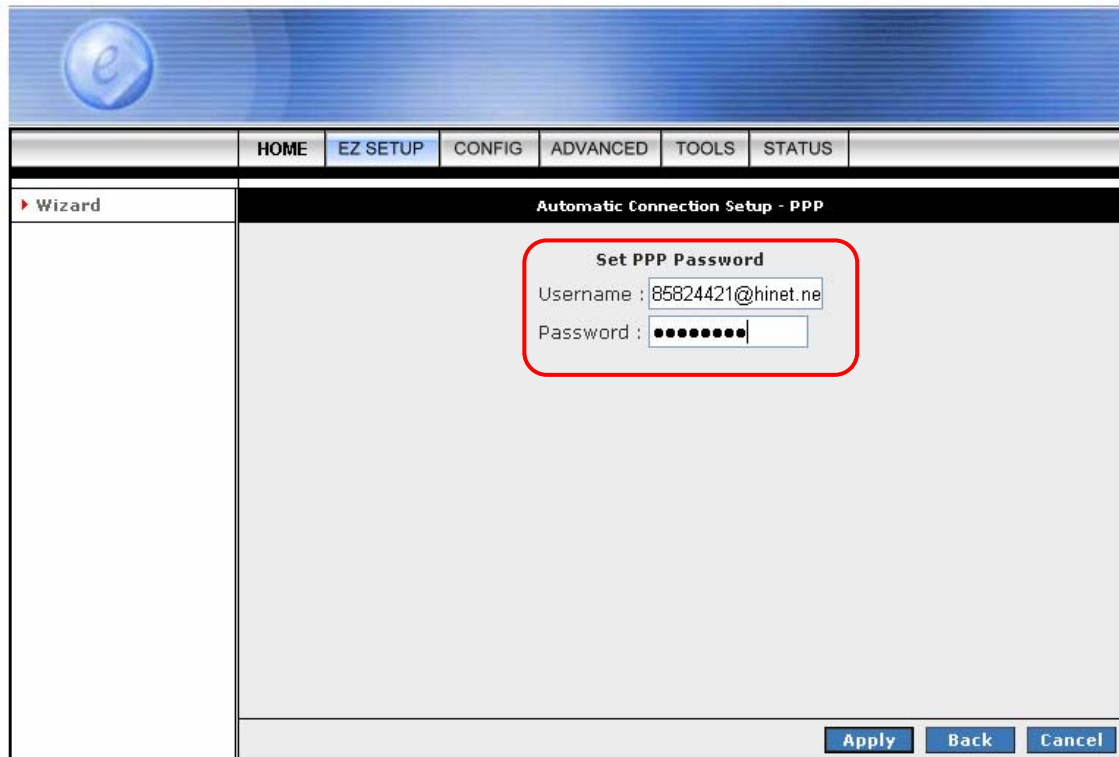
!	*Click "Config" or "CONFIG – New Connection" if you can't find any available parameters from the presetting country list.* *Check your ISP immediately for the setting/configuration details.*

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**

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**

In this current window, you will find **3 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:

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 **DHCP (Get IP dynamically from ISP)** 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.
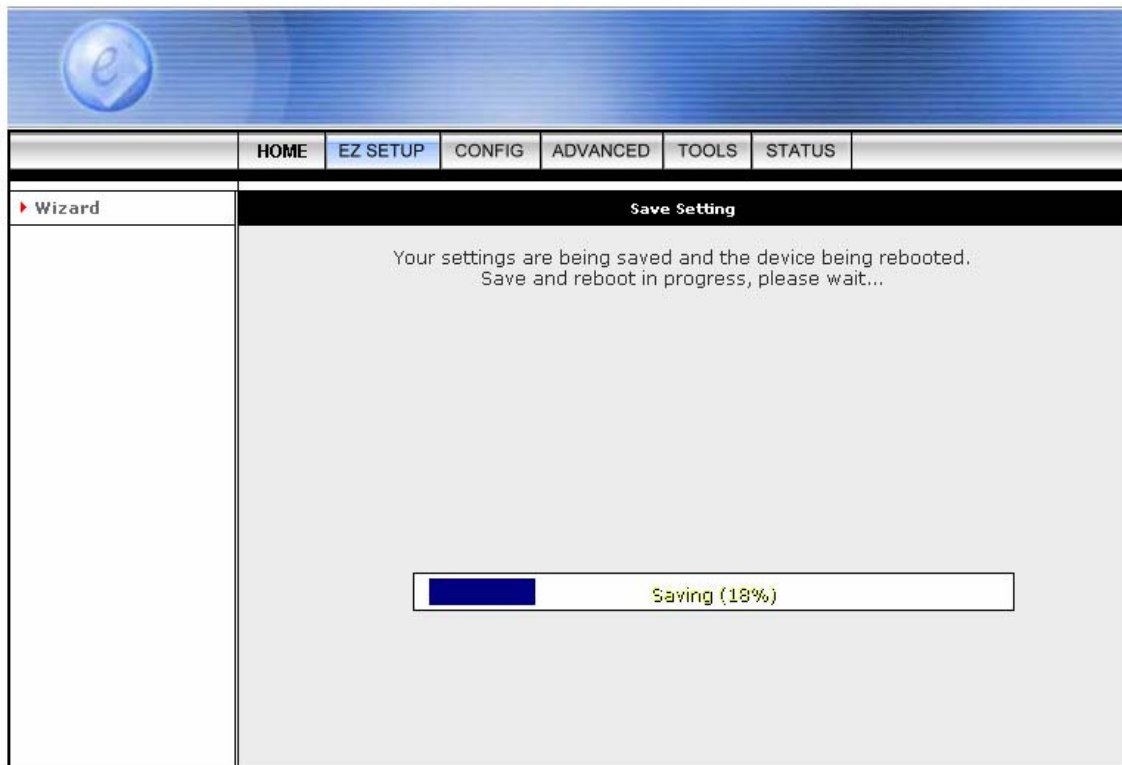
The device's system will reboot and activate your setting after clicking the **"Apply"** button.

The following windows will pop up after the 1 Port ADSL2/2+ Router's reboot process.

- Check the following items when the above window pop-up. All the setting should be exactly the same with your setting in **STEP1**.

  ☑ **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 selected 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** and redo the setup procedures or else check your dealer immediately for technical support.

NOTE: For more detailed information regarding settings and connections, refer to **"Users Manual"**.
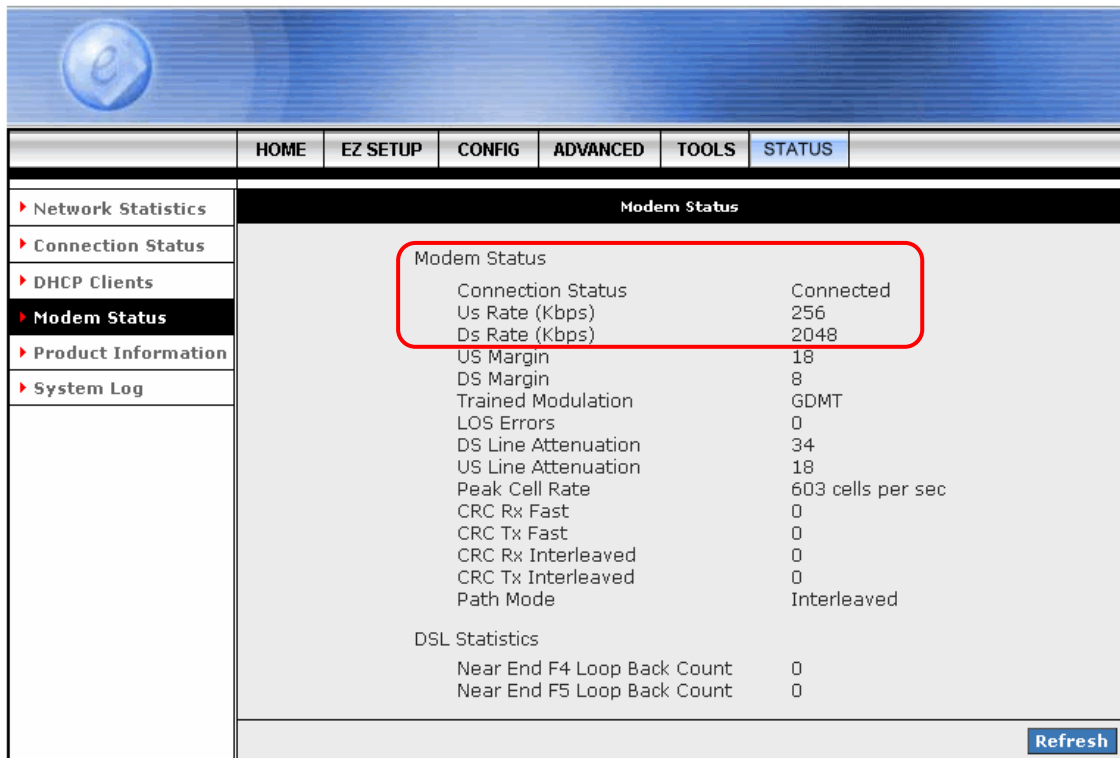
NOTE: The 1 Port ADSL2/2+ Router can be configured to maintain up to 8 Connection Profiles. Different Connection Profiles may be required if you connect to more than one ADSL service provider, or if you vary the connection type/setting you use.

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

To complete and save the new Connection Profile, click the **Apply** button, and then click **Save All**.
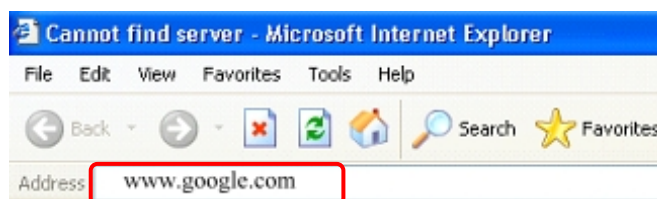
5. Making sure of Internet connection

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.
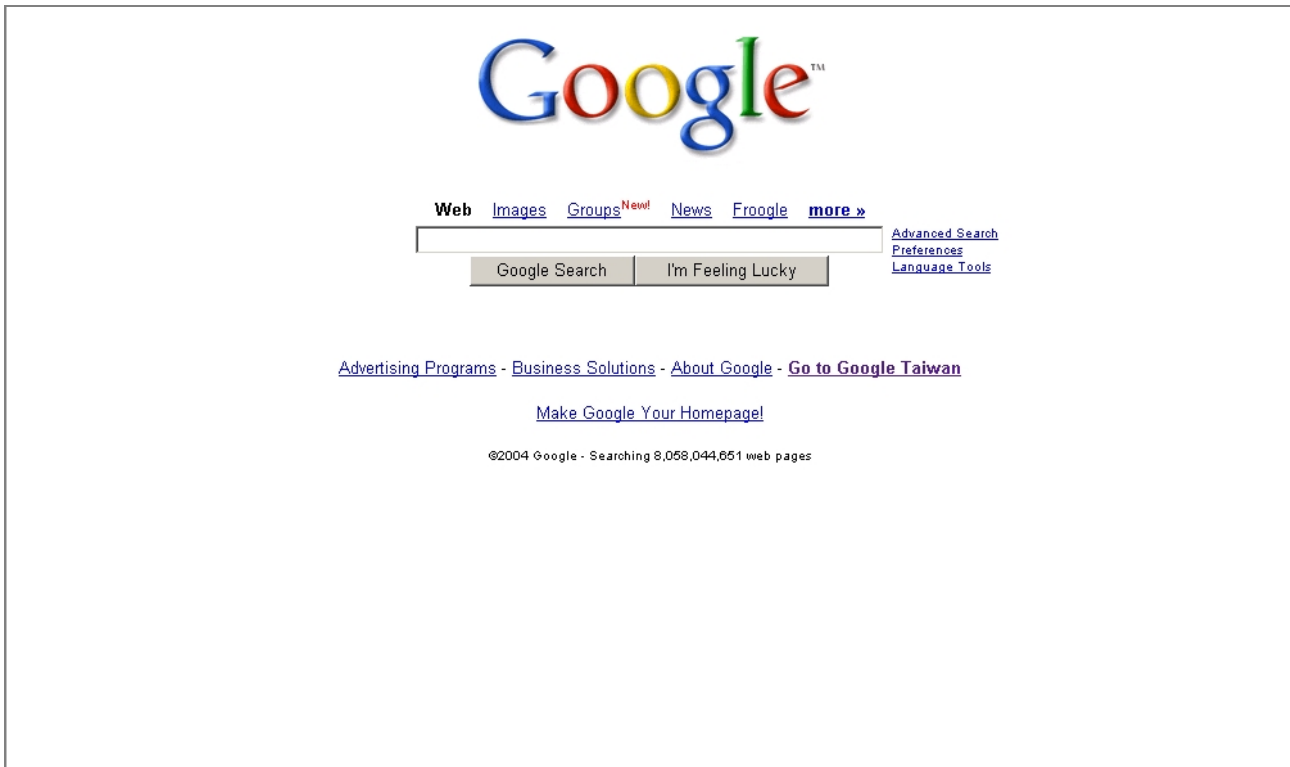

2. Launch your web browser, and enter the Google Website Address: **"www.google.com"** in the address field then press **"Enter"**.

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"**.