



DYNAMIX UM-A Plus

1Port ADSL2/2+ Router



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

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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:

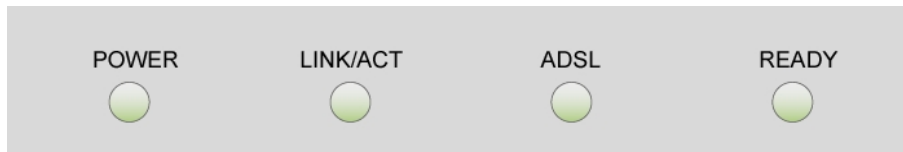
Reboot & Restore the 1 Ports ADSL2/2+ Router to factory defaults.

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:

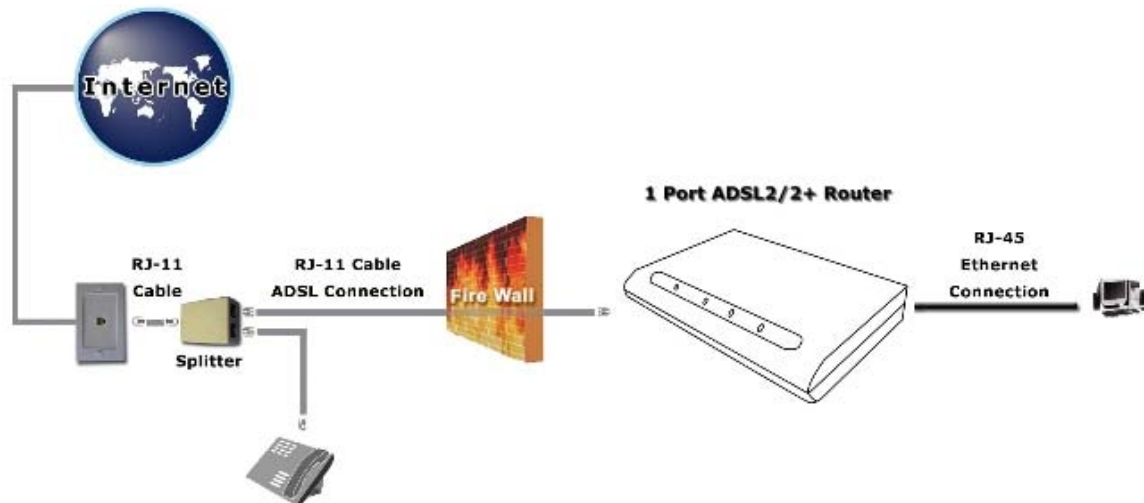
The 1 Port ADSL2/2+ Router's LED indicators display information about the device's status.



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 required 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.



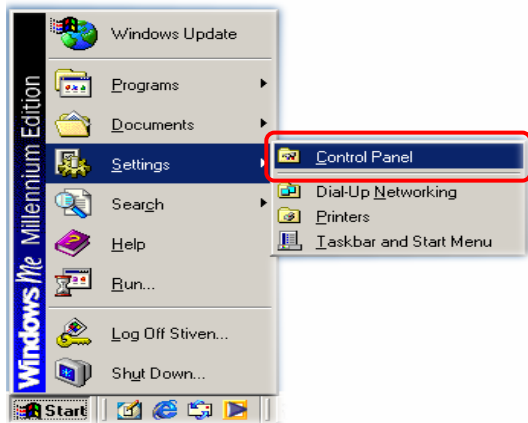
***The Power light will lit after turning on the 1 Ports ADSL2/2+ Router.
Auto and self-diagnostic process might turn the LED indicators ON and
OFF during the process.***

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

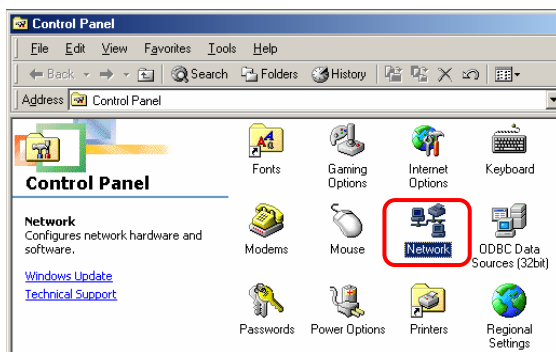
3. Setting up the TCP/IP

Windows Me / 98

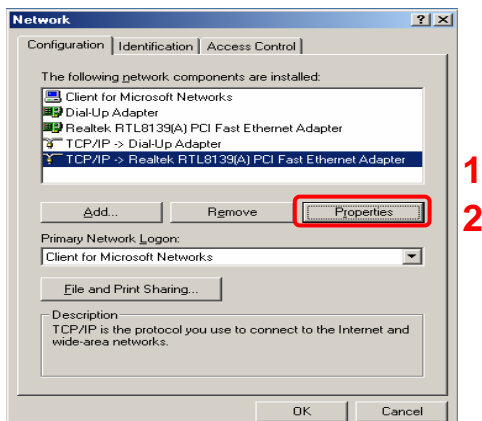
Step 1: Click **Start**→**Settings**→**Control Panel**.



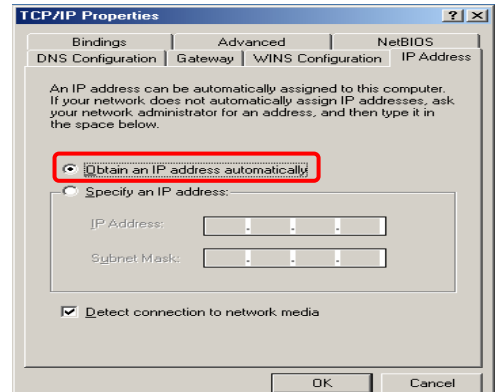
Step 2: Double-click the **Network** icon.



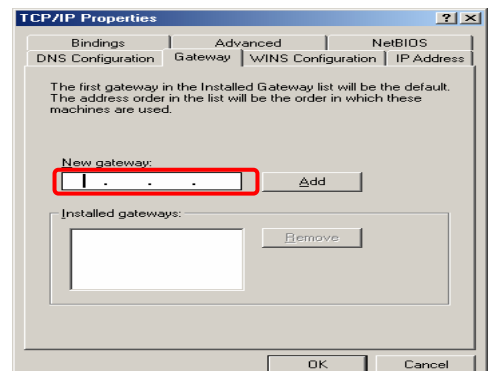
Step 3: Go to Configuration icon, select network adapter installed and click **Properties**.



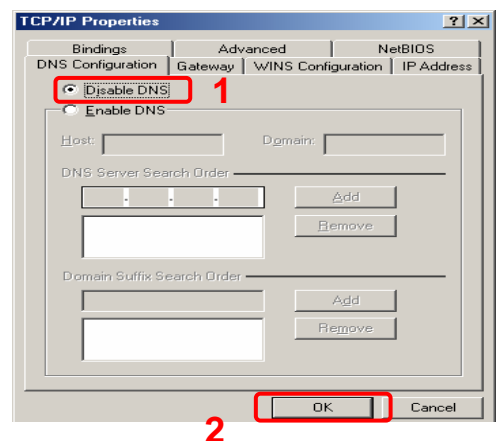
Step 4: Go to IP Address icon and select **Obtain an IP address**.



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

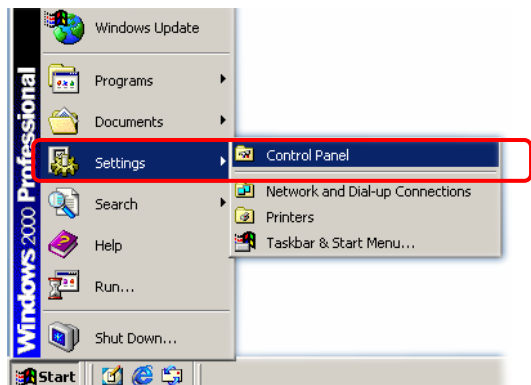


Step 6: Go to DNS Configuration icon, select **Disable DNS** and click **OK**.



Windows 2000

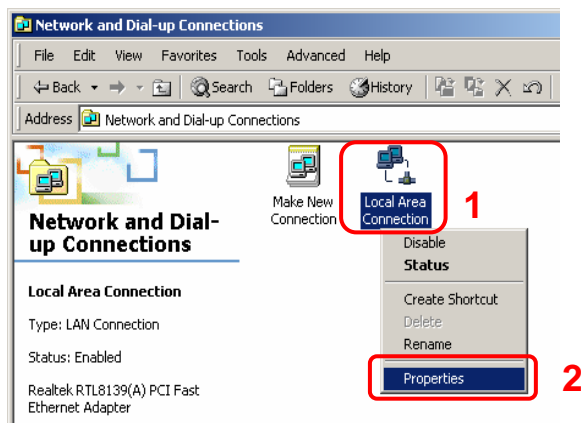
Step 1: Click **Start**→**Settings**→**Control Panel**.



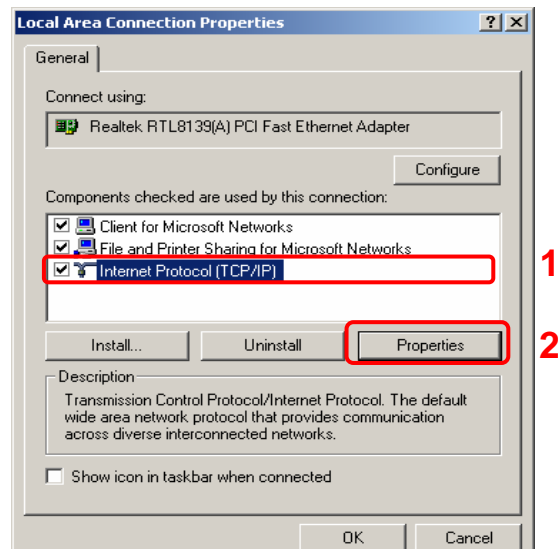
Step 2: Double-click the **Network and Dial-up Connections**.



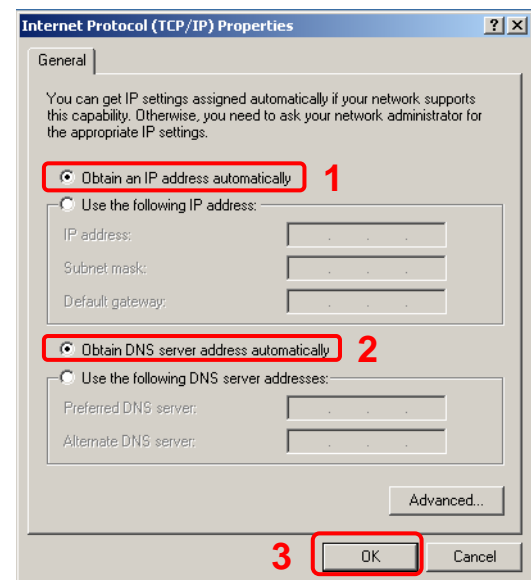
Step 3: Right Click the **Local Area Connection** and select **Properties**.



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

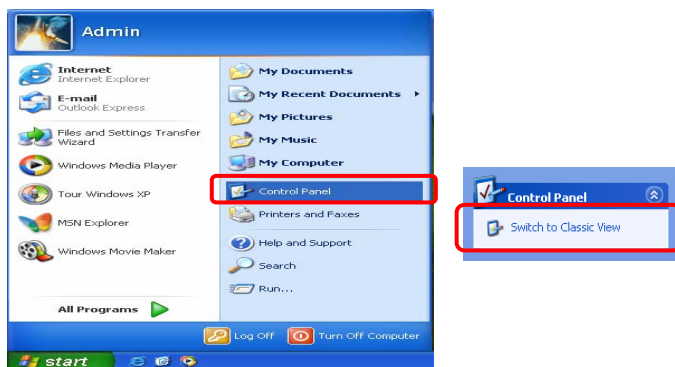


Step 5: Select **Obtain an IP address automatically** and **DNS server address automatically**. Then, click **OK**.

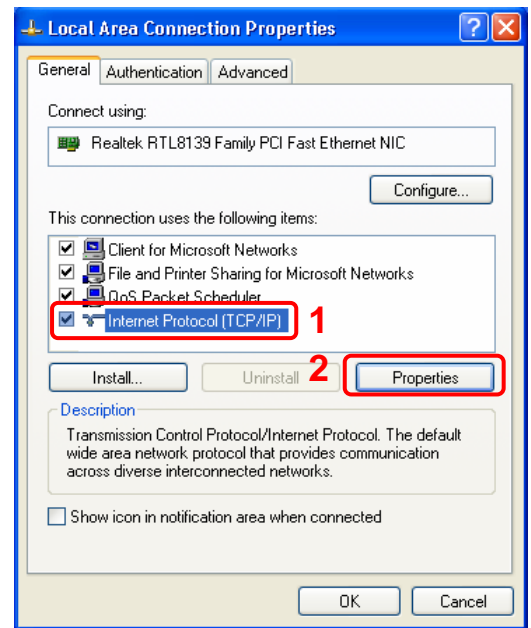


Windows XP

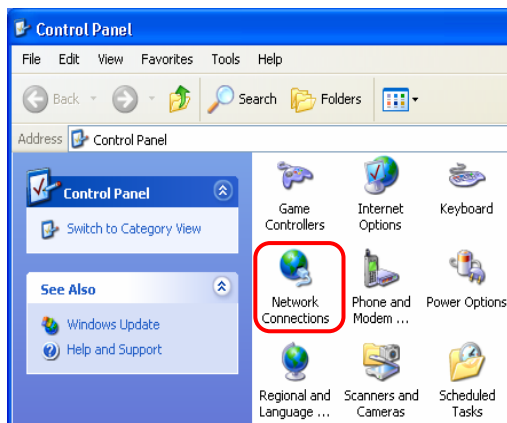
Step 1: Click **Start**→**Control Panel**→**Classic View**.



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

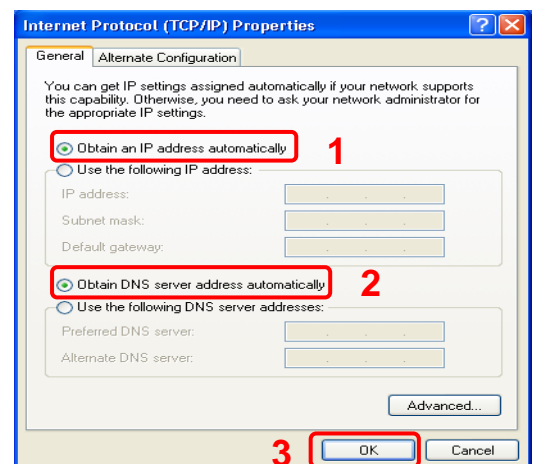
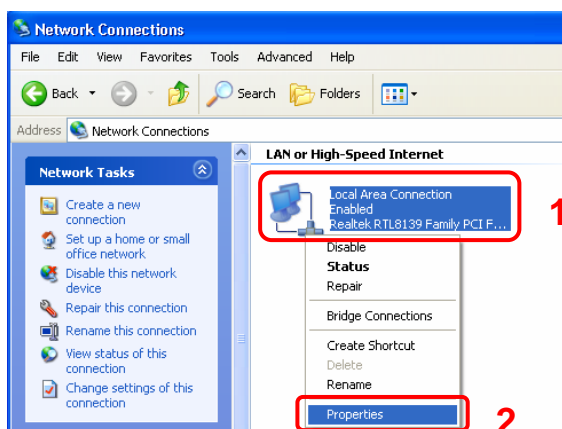


Step 2: Double-click the **Network Connections**.



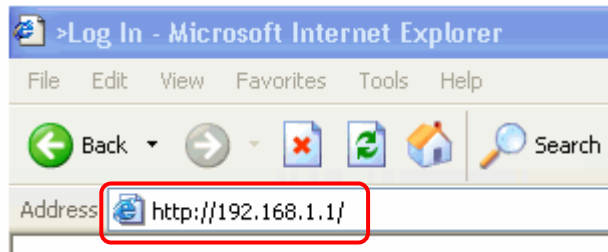
Step 5: Go to General icon, select **Obtain an IP address automatically** and **DNS server address automatically**. Then, click **OK**.

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



4. Setting up the 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.

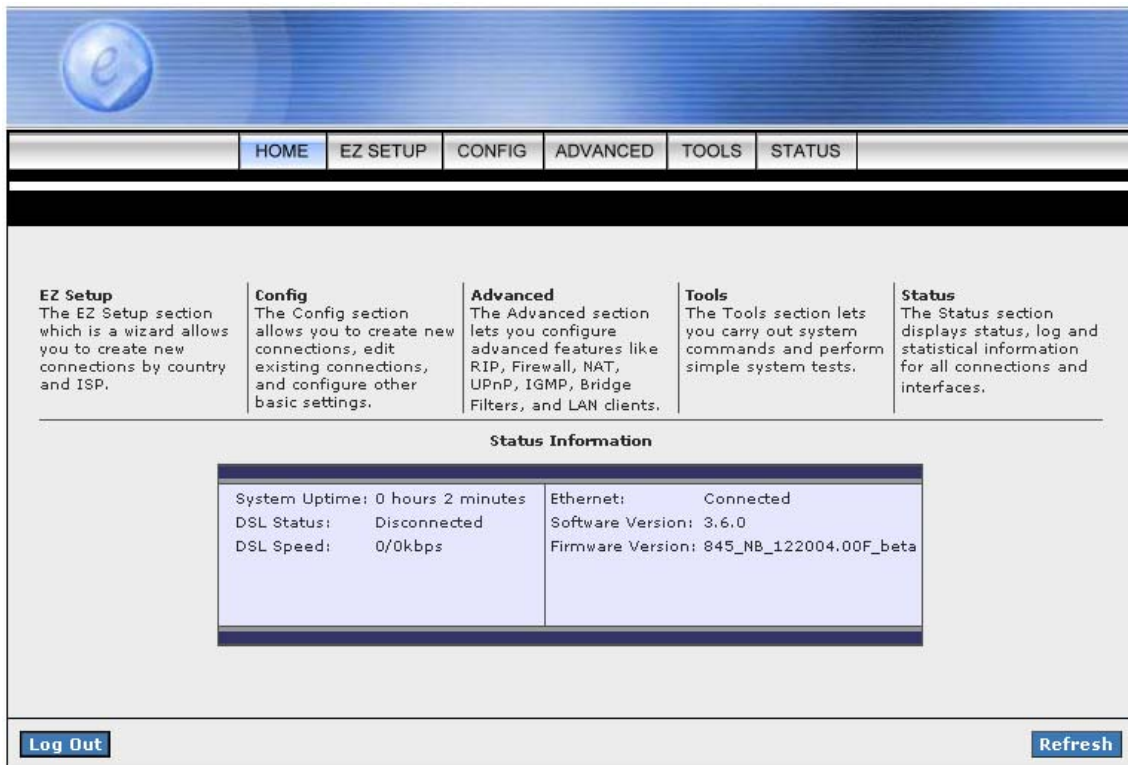


2. Enter the default **User Name: "Admin"** and **Password: "Admin"**. Then press **"OK"** to login.

A screenshot of a web login page. At the top, a black banner contains the text "Please Log In to continue." in white. The main area is light gray. In the center, the text "Log In" is displayed above a horizontal line. Below this line, there are two input fields: "Username: Admin" and "Password: •••••". Another horizontal line is below the password field. In the bottom right corner, there is a blue button labeled "Log In".

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.



The screenshot displays the web interface of a 1 Port ADSL2/2+ Router. At the top, there is a blue header bar with a circular logo on the left. Below the header is a navigation menu with tabs: HOME, EZ SETUP, CONFIG, ADVANCED, TOOLS, and STATUS. The HOME tab is currently selected. The main content area is divided into five columns, each with a title and a brief description:

- 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.

Below these columns is a section titled **Status Information** containing a table with the following data:

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

At the bottom of the page, there are two buttons: **Log Out** on the left and **Refresh** on the right.

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.

The screenshot shows the 'Automatic Setup' wizard for an ADSL Router. The 'Set Area' section is highlighted with a red box, containing the following fields:

Set Area	
Country :	Taiwan
ISP :	Hinet
encapsulation :	PPPoE LLC
VPI :	0
VCI :	33

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, there are 'Next' and 'Cancel' buttons.

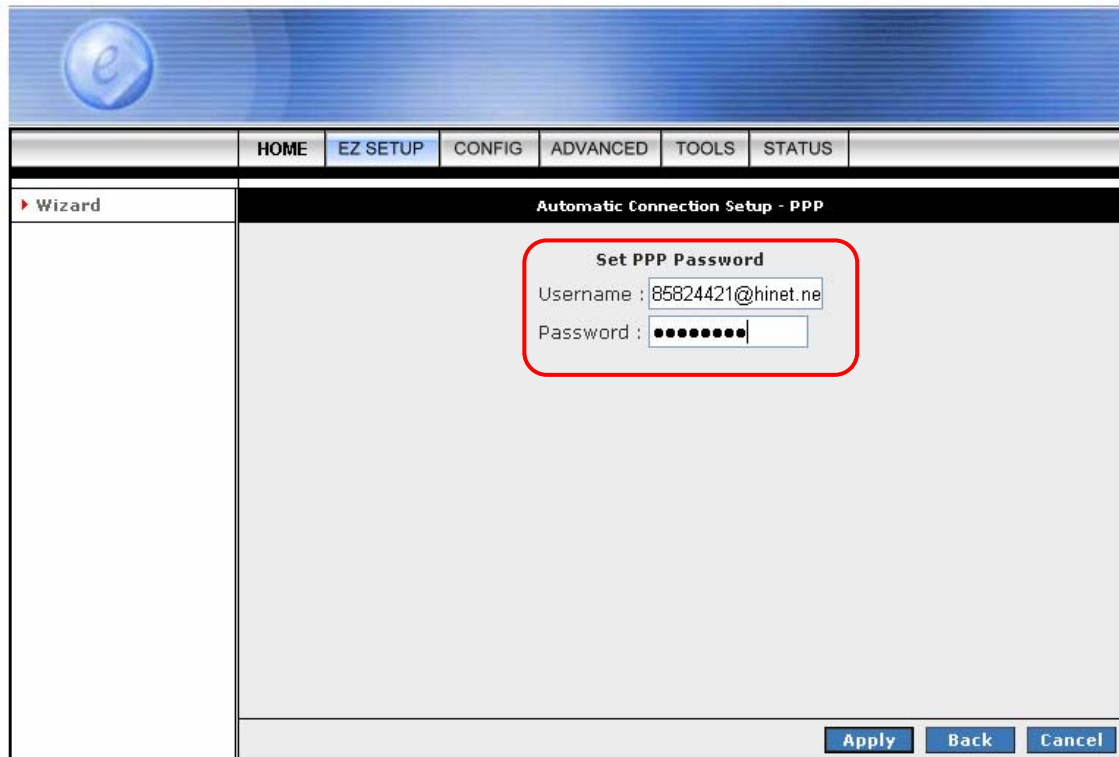


Click “Config” or “CONFIG – New Connection” if you can’t find any available parameters from the presetting country list.

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 the 'Automatic Connection Setup - PPP' window. A red box highlights the 'Set PPP Password' section, which contains two input fields: 'Username : 85824421@hinet.ne' and 'Password : [masked]'. The 'Apply', 'Back', and 'Cancel' buttons are visible at the bottom right of the window.

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 the 'Set Area' window of an ADSL Router configuration wizard. The window has a blue header with a logo and a navigation bar with tabs: HOME, EZ SETUP (selected), CONFIG, ADVANCED, TOOLS, and STATUS. Below the navigation bar is a 'Wizard' section on the left and a main configuration area on the right. The main area is titled 'Automatic Setup' and contains the following fields and options:

- Country :** Argentina (dropdown menu)
- ISP :** Argentina Telecom (dropdown menu)
- encapsulation :** 1483 Bridged LLC (text field)
- VPI :** 0 (text field)
- VCI :** 33 (text field)
- Connection Type :** ☒ Static (Fixed IP by ISP), ☐ DHCP (Get IP dynamically from ISP), ☐ Bridge

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

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:

The screenshot shows a web-based configuration interface for a router. At the top, there is a blue header with a logo. Below it is a navigation bar with tabs: HOME, EZ SETUP (selected), CONFIG, ADVANCED, TOOLS, and STATUS. On the left side, there is a sidebar with a 'Wizard' link. The main content area is titled 'Automatic Connection Setup - Static'. Inside this area, there is a section titled 'Set Static IP'. This section contains five rows of configuration fields: 'IP Address' (192.168.12.53), 'Mask' (255.255.255.0), 'Default Gateway' (192.168.12.1), 'DNS 1' (168.95.1.1), and 'DNS 2' and 'DNS 3' (empty). At the bottom right of the main content area, there are three buttons: 'Apply', 'Back', and 'Cancel'.

HOME	EZ SETUP	CONFIG	ADVANCED	TOOLS	STATUS
Automatic Connection Setup - Static					
Set Static IP					
IP Address :	192.168.12.53				
Mask :	255.255.255.0				
Default Gateway :	192.168.12.1				
DNS 1 :	168.95.1.1				
DNS 2 :					
DNS 3 :					
<input type="button" value="Apply"/> <input type="button" value="Back"/> <input type="button" value="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:

The screenshot shows a web interface for a router. At the top, there is a blue header with a logo. Below it is a navigation bar with tabs: HOME, EZ SETUP (selected), CONFIG, ADVANCED, TOOLS, and STATUS. On the left side, there is a sidebar with a 'Wizard' link. The main content area is titled 'Automatic Connection Setup - DHCP'. Under this title, it says 'DHCP Client'. Below that, there are four labels: 'IP Address :', 'Mask :', 'Gateway :', and 'Default Gateway :'. The 'Default Gateway' label has a checkbox next to it, which is checked. At the bottom right of the main content area, there are three buttons: 'Apply', 'Back', and 'Cancel'.

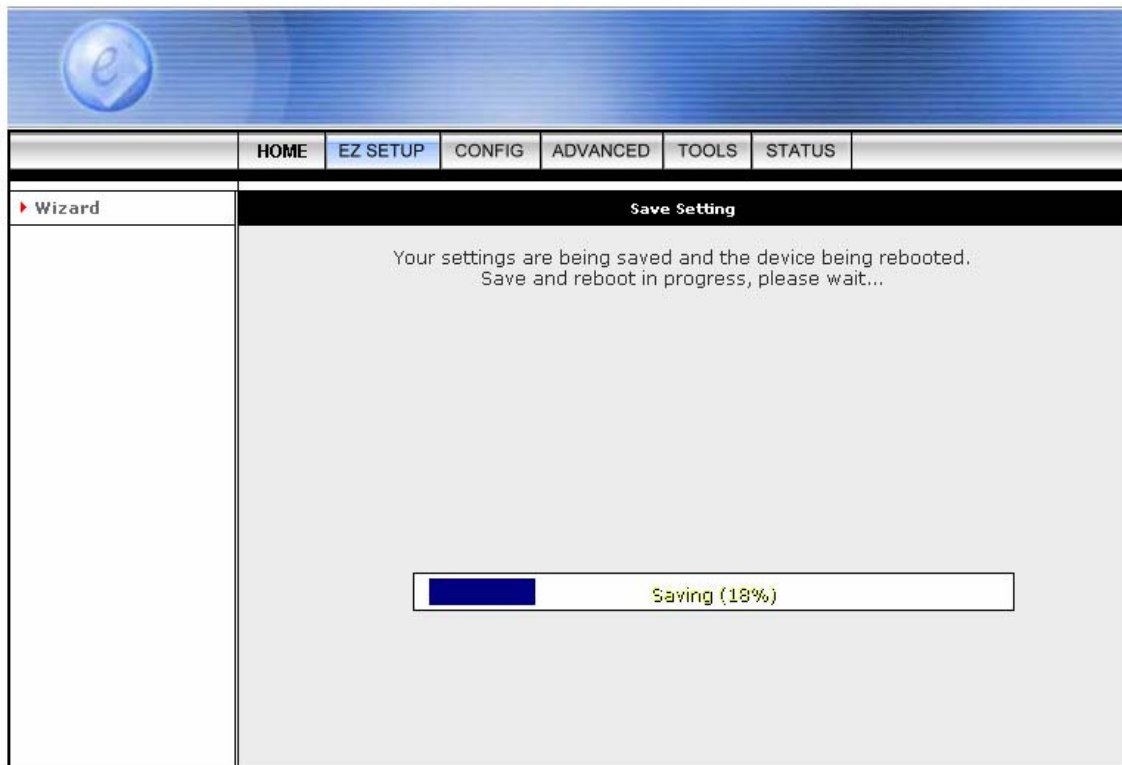
Click to enable the **“Default Gateway”** then click **“Apply”** after your setting. Refer to your ISP for further details on the correct setting.

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

The screenshot shows a web-based configuration interface for a router. The top navigation bar includes tabs for HOME, EZ SETUP, CONFIG, ADVANCED, TOOLS, and STATUS. A sidebar on the left contains a 'Wizard' link. The main content area is titled 'Automatic Connection Setup - Bridge'. Under the 'Bridge' heading, there is a 'Select LAN' dropdown menu with 'LAN group 1' selected. At the bottom right of the main area are three buttons: 'Apply', 'Back', and 'Cancel'.

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.

The screenshot shows the router's configuration interface. The top navigation bar includes HOME, EZ SETUP, CONFIG (selected), ADVANCED, TOOLS, and STATUS. The left sidebar lists various setup options: LAN Setup, LAN Configuration, Firewall/NAT Services, WAN Setup, New Connection, Modem, and Hinet (selected). The main content area is titled 'PPPoE Connection Setup'. It contains several fields: Name (Hinet), Type (PPPoE), Sharing (Disable), Options (NAT and Firewall checked), VLAN ID (0), and Priority Bits (0). Below these are two sections: 'PPP Settings' and 'PVC Settings'. The PPP Settings section includes Username (85824421@hinet.ne), Password (masked), Idle Timeout (60 secs), Keep Alive (10 min), Authentication (Auto selected), MTU (1492 bytes), On Demand (unchecked), Enforce MTU (checked), PPP Unnumbered (unchecked), and Default Gateway (checked). The PVC Settings section includes PVC (New), VPI (0), VCI (33), QoS (UBR), PCR (0 cps), SCR (0 cps), MBS (0 cells), CDVT (0 usecs), and Auto PVC (unchecked). At the bottom are buttons for Connect, Disconnect, Apply, Delete, and Cancel.

- 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 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**".

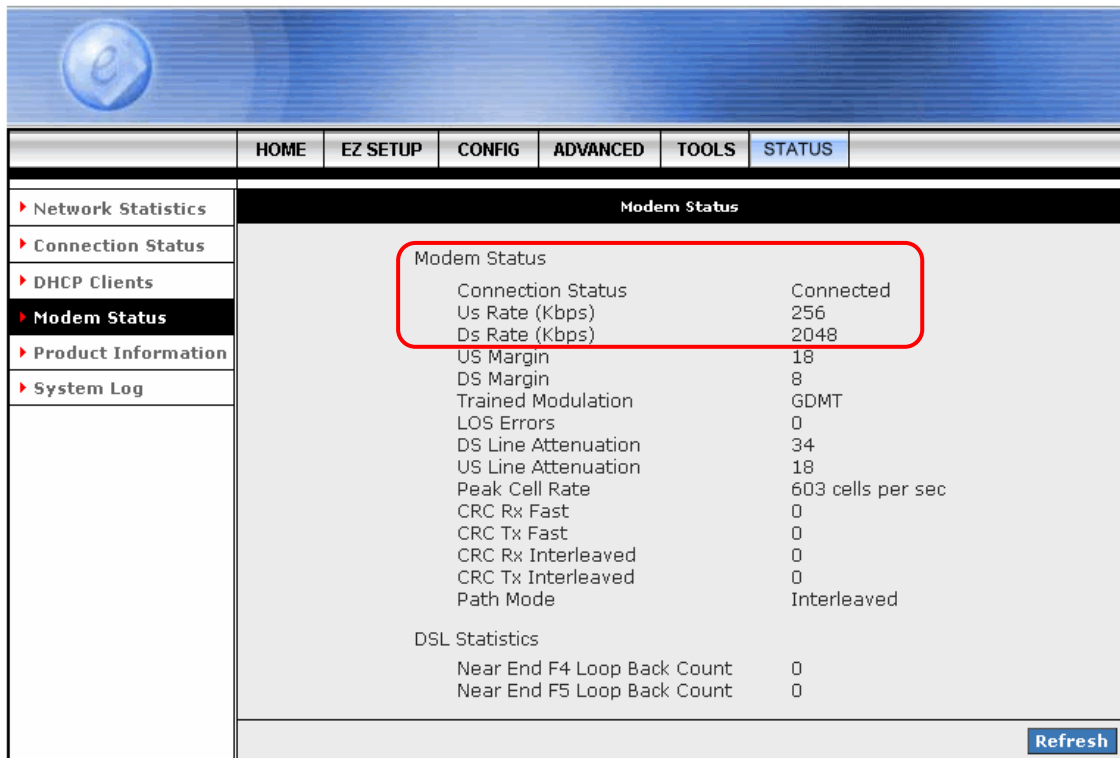
NOTE: The 1 Port ADSL2/2+ Router can be configured to maintain up to 8 Connection Profiles. Different Connection Profiles may be required if you connect to more than one ADSL service provider, or if you vary the connection type/setting you use.

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

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

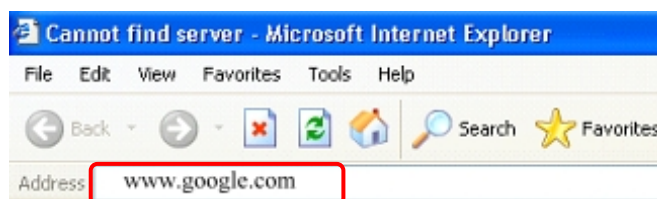
5. Making sure of Internet connection

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.

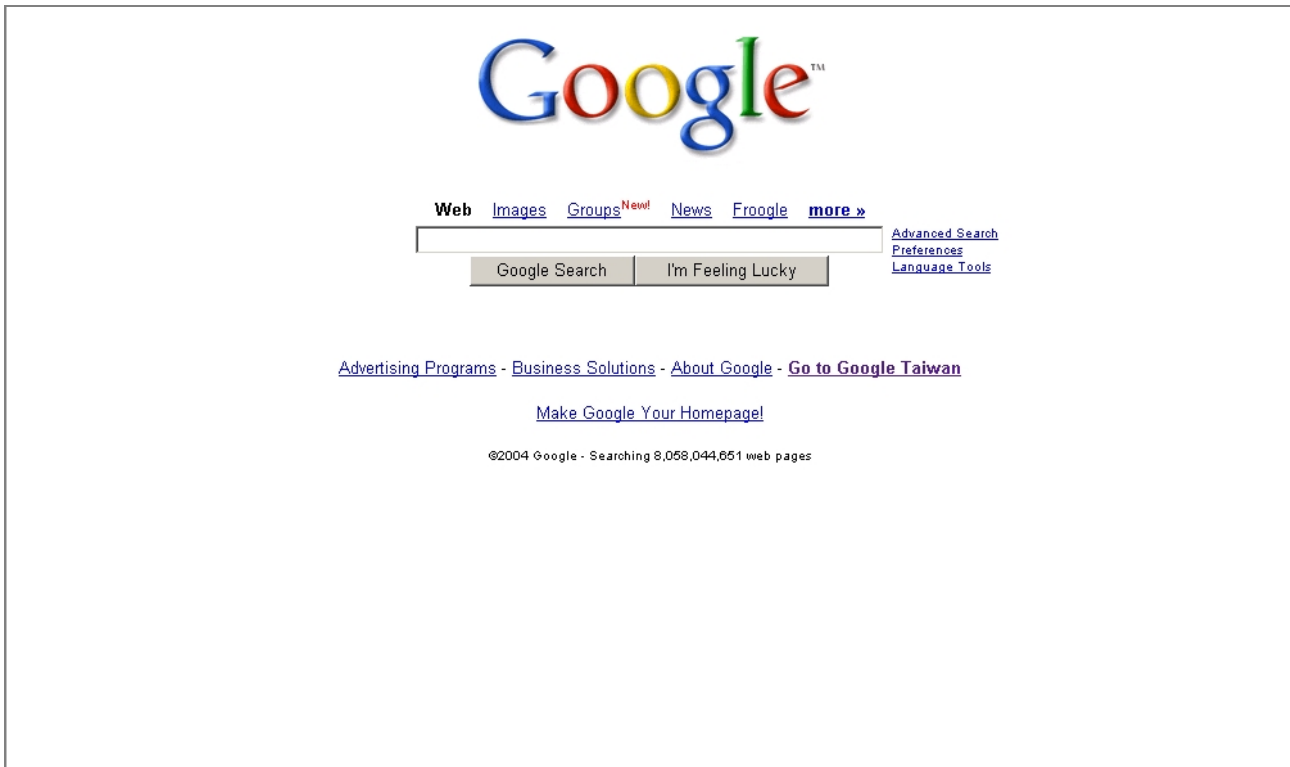


HOME	EZ SETUP	CONFIG	ADVANCED	TOOLS	STATUS
Modem Status					
Modem Status					
Connection Status Connected					
Us Rate (Kbps) 256					
Ds Rate (Kbps) 2048					
US Margin 18					
DS Margin 8					
Trained Modulation GDMT					
LOS Errors 0					
DS Line Attenuation 34					
US Line Attenuation 18					
Peak Cell Rate 603 cells per sec					
CRC Rx Fast 0					
CRC Tx Fast 0					
CRC Rx Interleaved 0					
CRC Tx Interleaved 0					
Path Mode Interleaved					
DSL Statistics					
Near End F4 Loop Back Count 0					
Near End F5 Loop Back Count 0					
Refresh					

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**”.