How to Setup BR-6228nC

Hardware Installation:

1.   Turn off your modem.
2.   Use one Ethernet cable to connect your modem to WAN port (Blue) port of BR-6228nC.
3.   Use another Ethernet cable to connect your PC to one LAN Port (Yellow) port of BR-6228nC.
4.   Turn on your modem.
5.   Turn on the router by plugging the included 5v power adapter into a power outlet.
6.   Ensure the PWR LED, the yellow WLAN LED, the WAN LED, and the LAN LED are on or flashing.

You may refer the *Quick Installation Guide* in the package box for more information.

Software Installation:

There are two ways to setup the routers.   You can use the Setup Wizard in our CD disc if your computer is Windows based.   You also may prefer to manually setup the router by opening a web browser to access the configuration menu of the router.

If you have Windows PC, you can use either way to do the setup.

If you have Macintosh, please setup the router via web browser.

Section A: Setting Up the router with the Setup Wizard in CD disc.

1. Insert the **setup wizard CD** into a CD-ROM drive on your computer. Run the Ezmax.exe program while prompted.   When the wizard begins, select your language.

Note: If the setup wizard doesn't run automatically, please browse your CD drive and double click the "Ezmax.exe" file to start the wizard.

2. The setup wizard will guide you through the installation process. Click **"Next"** to continue.
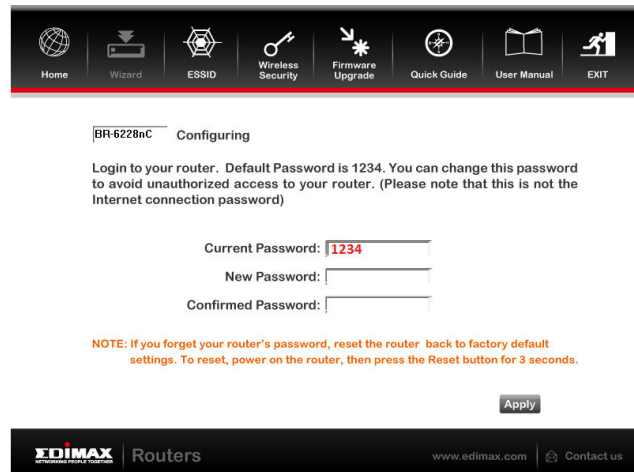
3. Click **"Next"** to continue.

4. Check that all cables are properly connected and check the box labeled **"YES, I have connected the cables correctly"** before clicking **"Next"**.

Please connect the LAN cables as shown on diagram below.
(We stronlgy recommend you to use the LAN cable connection for this setup)

YES, I have connected the cables correctly.

Next
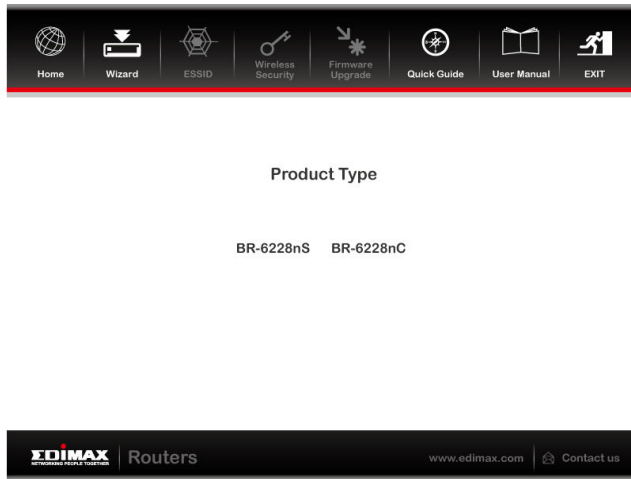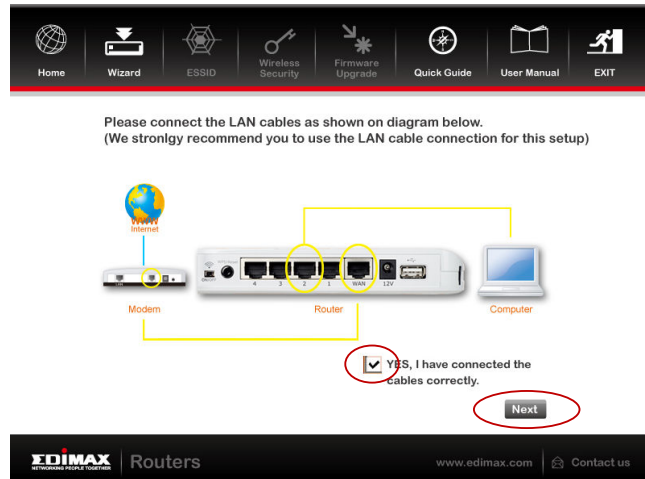
5. Select your product type – in this case **"BR-6228nC"**.

Product Type

BR-6228nS   BR-6228nC

6. Enter the default password **1234** in the field labeled **"Current Password"** and then if you wish to change this password, enter a new password in the fields marked **"New Password"** and **"Confirm New Password"**.   Click **"Apply"** and then **"Ok"**.

BR-6228nC   Configuring

Login to your router. Default Password is 1234. You can change this password to avoid unauthorized access to your router. (Please note that this is not the Internet connection password)

Current Password: 1234
New Password:
Confirmed Password:

NOTE: If you forget your router's password, reset the router back to factory default settings. To reset, power on the router, then press the Reset button for 3 seconds.

Apply

If you did not enter new password, you can just click on **"Apply"**. You get a prompt message **"Do not change password"**. Click **"Ok"** to close the prompt.

Note: This is the password to login to configuration menu of your router.   It is not the wireless security password to connect to the router's Wi-Fi network(s). If you change this password, please make a note of the new password.

If you forget the new password, you can reset the password back to its default value of 1234 by pressing the WPS/Reset button of the router for 15 seconds.

7. Select your Internet connection type.

If your Internet provider supports DHCP which gives you a dynamic IP, please choose **"Cable Modem(Connection Automatically)".** If you are unsure, please contact your Internet Service Provider (ISP).

For most users, **"Cable Modem (Connection Automatically)"** is the correct setting.

Click **"Next"**.

Internet Connection Type

BR-6228nC   Configuring

Please select your Internet Connection Type. If you are not sure, please contact your Internet Service Provider (ISP).

☑ Cable Modem (Connection Automatically)   ☐ PPTP xDSL
☐ Fixed-IP xDSL (Input IP eg: 10.5.88.66)   ☐ L2TP xDSL
☐ PPPoE xDSL (Input Account)

Next

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Cable Modem

BR-6228nC   Configuring

The router will connect to the Internet automatically through your cable modem.

Host Name: [   ]
MAC address: [B4B52FC4BD71]   Clone

Clone MAC Address
Some Internet Service Providers (ISP) use special MAC Address, please enter the MAC Address you received from your ISP and click "Apply" to continue. Otherwise, click "Clone" to clone your computer MAC Address and click "Apply" to continue.

Back   Apply

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8. Some cable internet companies require users register a MAC address with them. If you received a host name and MAC address from your ISP, enter them here and click **"Apply"**.   If your computer had been physically attached to the Cable modem, you can click **"Clone"** to clone your computer's MAC address and then click **"Apply"** to continue.

If your Internet is DSL, there is no need to fill in any information.   You can just click on **"Apply"** to continue.

9. Please wait while the router connects to the Internet.

BR-6228nC   Configuring

Connecting with Internet! Please wait a moment! (2~3 minutes)

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10. When the router is connected to Internet, your default web browser will open. Close or minimize the browser to get back to the Setup Wizard menu. Please **do not select Exit**. You still need to configure the **ESSID** and **Wireless Security** – please select **"ESSID"** from the top menu next.
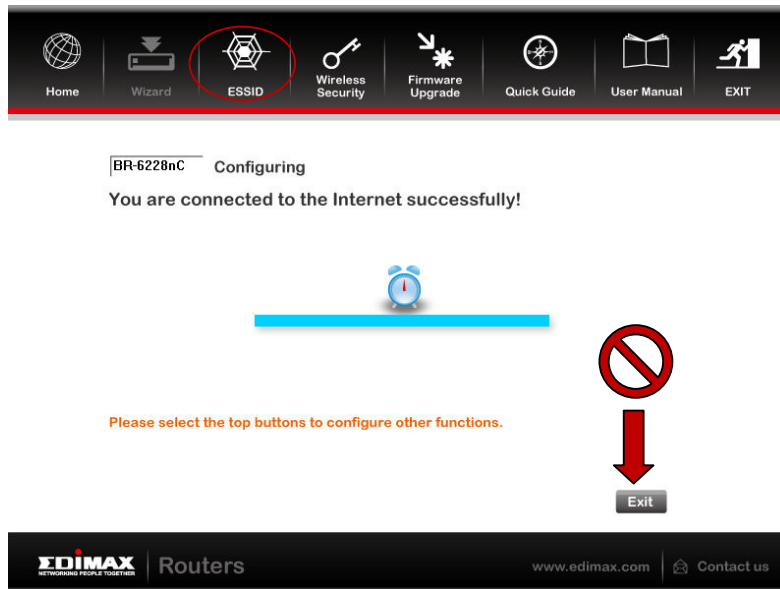
11. Enter the ESSID which will be the network name of your WiFi network.   Later, when the router is fully operational, you will need to select this ESSID from your available Wi-Fi networks to connect to the wireless router. Click **"Next".**
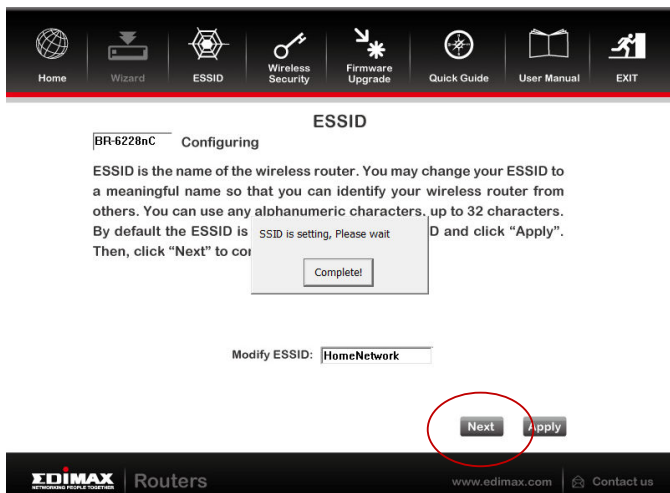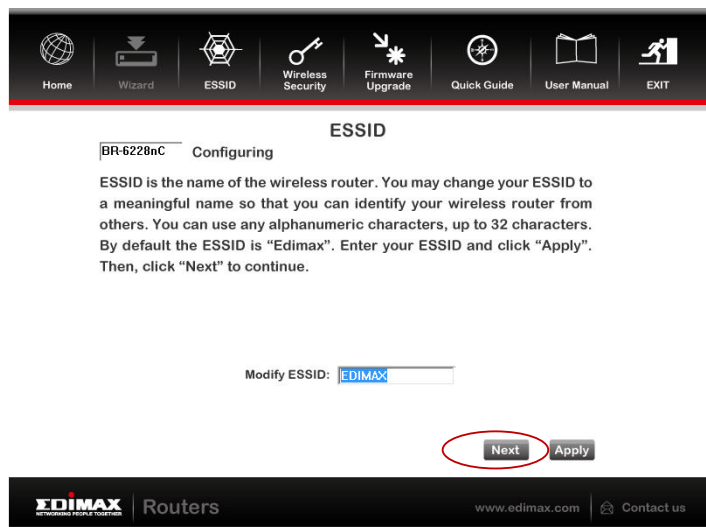
12. Please wait while the router is setting its new ESSID. When it is finished, click **"Complete!"** and then click **"Next"** to continue.

4

13. To secure your network, we suggest you set up your wireless security password.

Check the box labeled **"Enable WPA Pre-Share Key"**.   Remove the asterisks prefilled in textbox of "**WPA Pre-Share Key**".   Enter your password (security key) in the "**WPA Pre-Share Key**" box. Your password should be at least eight characters in length.

This password will be required when your Wi-Fi devices connect to the router. Click **"Apply"** to save the settings.
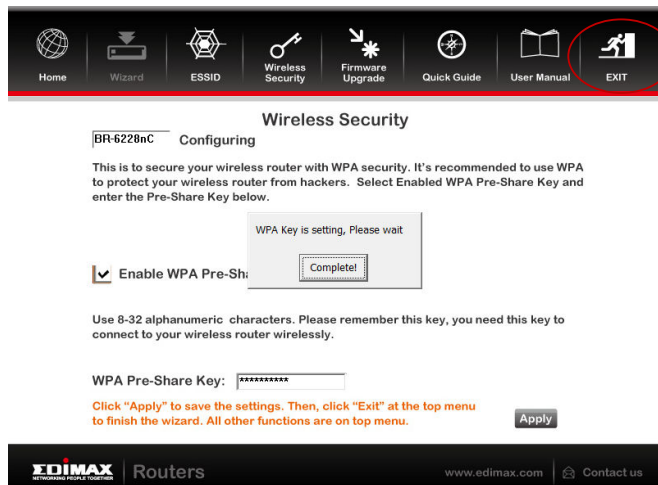
14. Please wait for the router to save the new passwords. When it is finished, click **"Complete!".**

Click **"EXIT"** in the top right corner to exit the setup wizard.

15. You can now open a web browser to access the internet.   Your computer is connected to the router by Ethernet cable.   If your computer is capable of wireless connection, you can unplug the ethenet cable from your computer and wirelessly connect to the ESSID of your wireless network.

Section B: Setting Up the router via Web Browser

For **Mac/Linux** users – or those who can't run the CD, you can setup the router manually using the web based configuration interface.

1. Enter **http://192.168.2.1** into the URL of a web browser and enter the username **admin** and password **1234**.
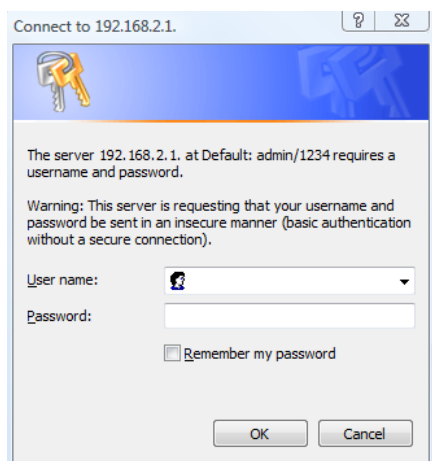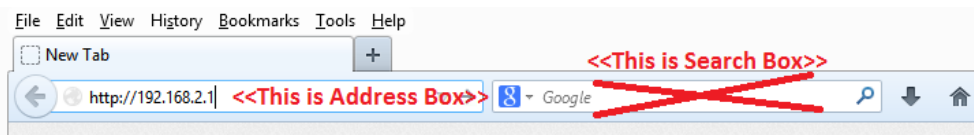

2. Enter the username **admin** and password **1234**.

3. Select **"General Setup"** from the top menu and **"WAN"** from the submenu. Choose your connection type – for most users it is **"Dynamic IP"**. If you are unsure, please contact your Internet Service Provider (ISP).

If your computer had been physically attached to your Cable modem, you can click **"Clone"** to clone your computer's MAC address.
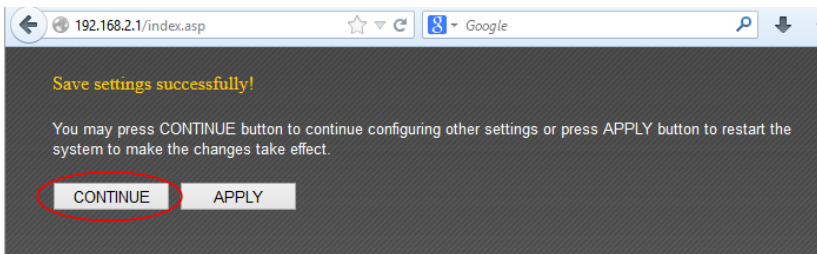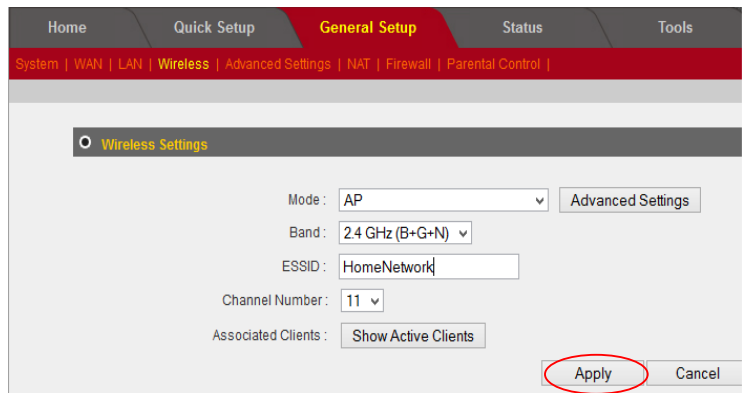

Click **"Apply**.
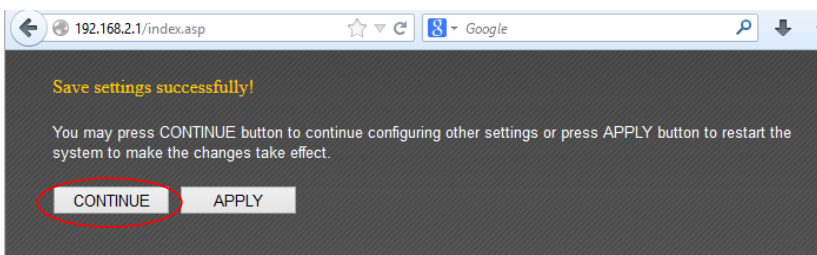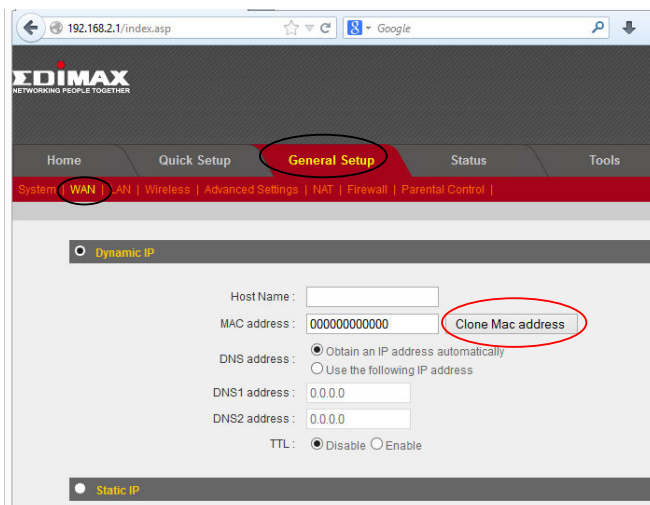
4. Click **"CONTINIUE"**

5. Select **"Wireless"** from the submenu.
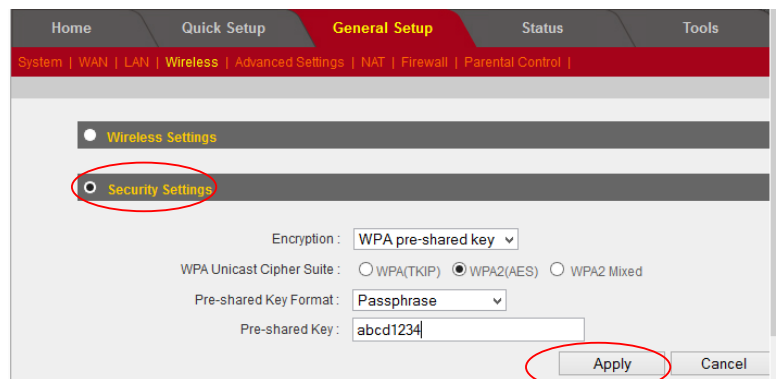
Select **"Wireless Settings"**.

The ESSID will be the network name of your Wireless network. Enter a name in **"ESSID"**. Click **"Apply"** and then **"CONTINUE"**.
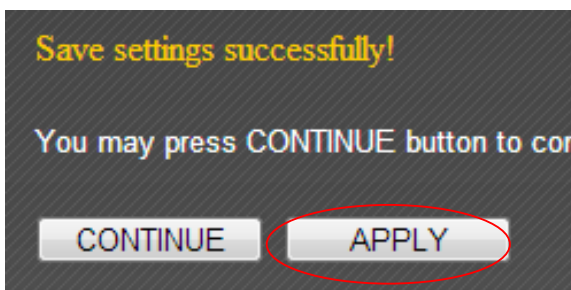

6. Click **"CONTINIUE"**

7. Select **"Security Settings"** and choose an **"Encryption"** type from the drop down menu. **"WPA pre-shared key"** is recommended.

For **"WPA Unicast Cipher Suite"**, **"WPA2(AES)"** is recommended.

Enter a **"Pre-shared key"** – which will be the wireless security **password** to access your wireless network.   Your password should be at least eight characters in length.   Click **"Apply"**

8. After configuring **"Security Settings"** for the **"5GHz"** network, click **"APPLY"** instead of "CONTINUE". The system will restart and save the changes. Click "**OK"** when it has finished.
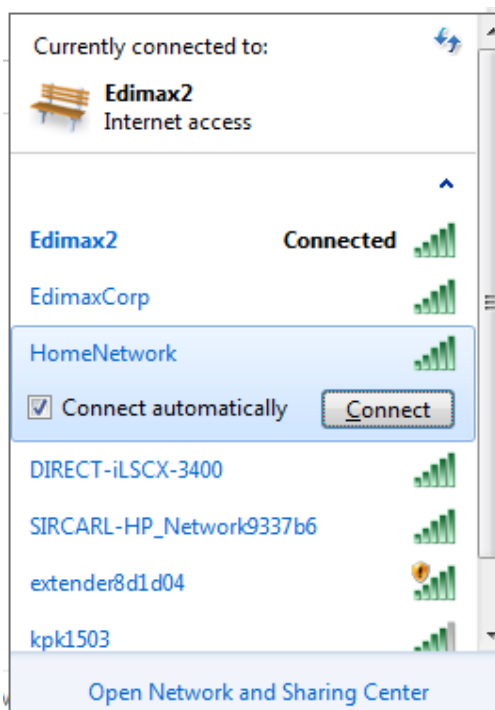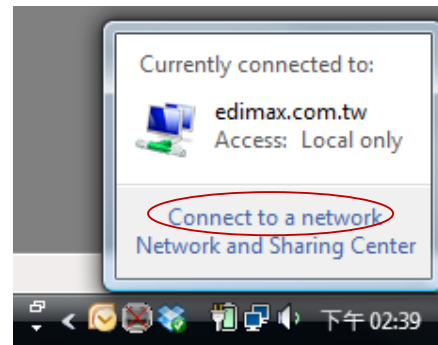
9. Exit the web based configuration interface and you can now **open a new web browser** to access the internet.

Section C: Connect a Windows computer to your wireless network.

Windows
Click the network icon (📶, 🖳 or 🖥) in the system tray and select **"Connect to a network".**

Search for the ESSID you named your Wi-Fi network and click it and then click **"Connect"**. If you set a password for your network, you will then be prompted to enter it.

After correctly entering your password, you will be successfully connected to your Wi-Fi network.

Section D: Connect a Macintosh computer to your wireless network.

Mac

View available Wi-Fi networks by clicking the [wifi icon] icon along the top right of your screen.

Click on the ESSID of your network. If you set a password for your network, you will then be prompted to enter it.

After correctly entering your password, you will be successfully connected to your Wi-Fi network.

Troubleshooting

## 1. I can't access the Internet.
1. Ensure that all cables are connected properly. Try a different Ethernet cable.
2. Check if you can access the web based configuration interface. If not, please refer to **2. I can't open the web based configuration interface.**
3. Login to the web based configuration interface and go to **General Setup > WAN** and check that the connection type is correct. If you are unsure, please contact your Internet Service Provider (ISP).
4. Connect your computer directly to your modem and check if you can access the internet. If you can't, please contact your Internet service provider for assistance.

2. I can't open the web based configuration interface.
Please ensure your computer is set to use a dynamic IP address.

For Windows 7:
Go to **Start > Settings > Control Panel**. Click **View network status and tasks > Local Area Connection> Properties** and double click **Internet Protocol Version 4 (TCP/IPv4)**. Select **Obtain an IP address automatically** and choose **Obtain DNS server address automatically** and click **OK**.
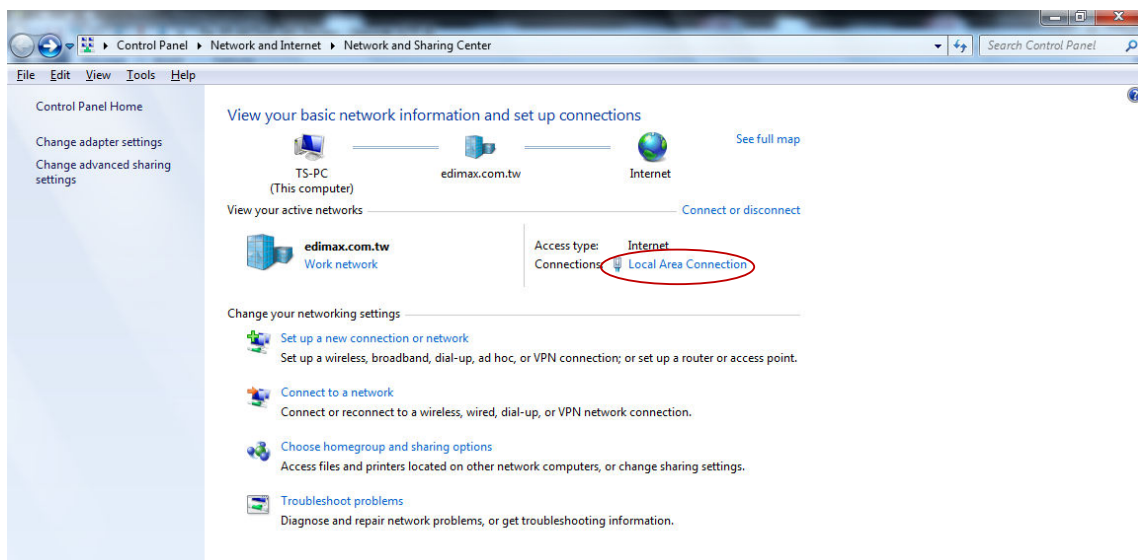
For Windows Vista:
Go to **Start > Settings > Control Panel**. Click **View network status and tasks > View Status > Properties** and double click **Internet Protocol Version 4 (TCP/IPv4)**. Select **Obtain an IP address automatically** and choose **Obtain DNS server address automatically** and click **OK**.
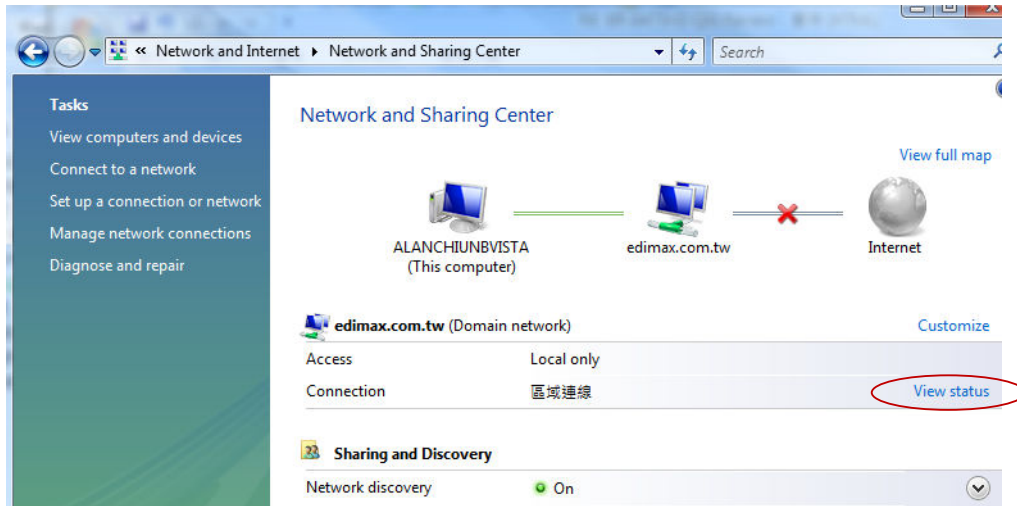
For Windows XP/2000:
Go to **Start > Control Panel.** Click **Network and Internet Connections > Network Connections.** Right click **Local Area Connection,** select **Properties** and double click **Internet Protocol (TCP/IP)**. Select **Obtain an IP address automatically** and choose **Obtain DNS server address automatically** and click **OK**.

3. How do I reset my router to factory default settings?
To reset the router back to its factory default settings, press and hold the WPS/Reset button for over 10 seconds, until the power LED begins to flash. When the router restarts, all settings will be reset.

4. I forgot my password.
Reset the router to its factory default settings and use the default username **admin** and default password **1234**.