BIPAC-5100 / 5100W
(Wireless) ADSL Router

Quick Start Guide

For more detailed instructions on configuring and using the (Wireless) ADSL Firewall Router, please refer to the on-line manual.

Package Contents

- BIPAC-5100 / 5100W ADSL Router
- CD-ROM containing the online manual
- RJ-11 ADSL/telephone Cable
- Ethernet (CAT-5 LAN) Cable
- AC-DC power adapter (12VDC, 1A)
- This Quick Start Guide

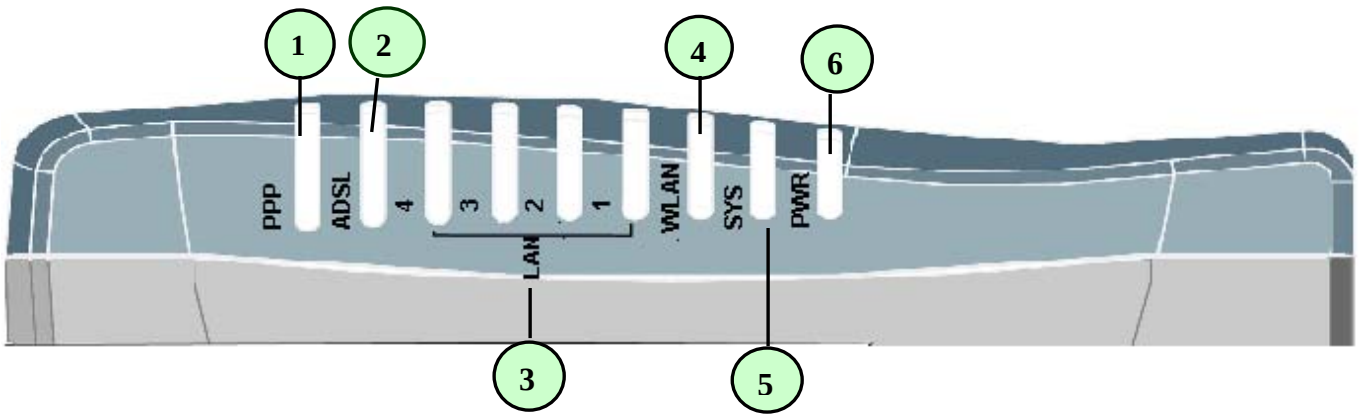
Warning

- ✓ Do not use the BIPAC-5100 / 5100W in high humidity or high temperatures.
- ✓ Do not use the same power source for the BIPAC-5100 / 5100W as other equipment.
- ✓ Do not open or repair the case yourself. If the BIPAC-5100 / 5100W is too hot, turn off the power immediately and have it repaired at a qualified service center.

Attention

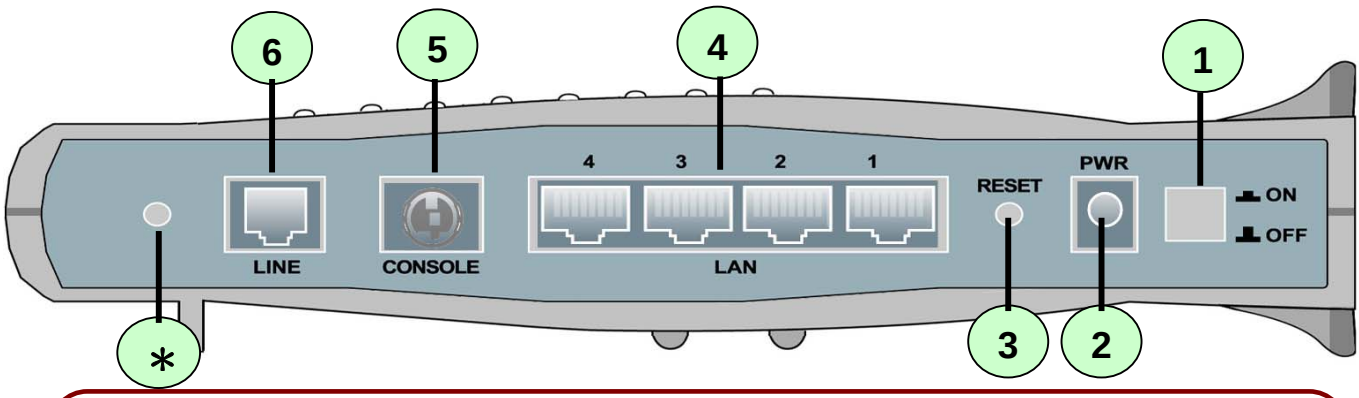
- ✓ Place the BIPAC-5100 / 5100W on a stable surface.
- ✓ Only use the power adapter that comes with the package. Using a different voltage rating power adaptor may damage the router.

The Front LEDs



LED		Meaning
1	**PPP :**	Lit steady when there is a PPPoA / PPPoE connection.
2	**ADSL:**	Lit when successfully connected to an ADSL DSLAM (“linesync”).
3	**LAN Port 1-4:**	Lit when connected to an Ethernet device. Green for 100Mbps; Orange for 10Mbps. Blinking when data is Transmitted / Received.
4	**WLAN : (5100W only)**	Lit green when the wireless connection is established. Flashes when sending/receiving data.
5	**SYS :**	Lit when the system is ready.
6	**PWR :**	Lit when power is ON.

The Rear Ports

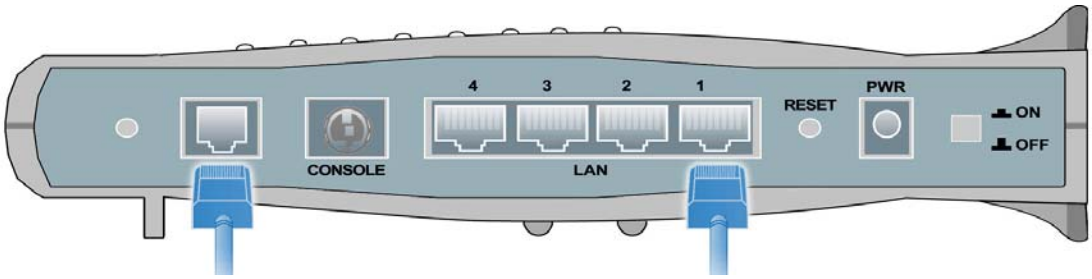


NOTE: * *Only the BIPAC-5100W has a wireless interface and antenna. BIPAC-5100 router does NOT have an antenna or wireless interface.*

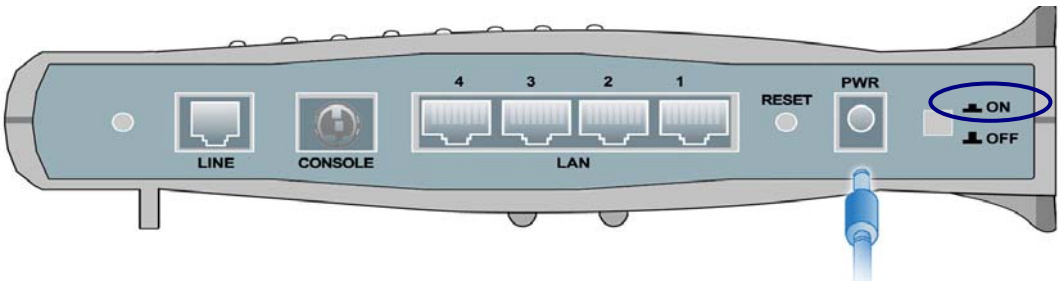
Port		Meaning
1	**Power Switch**	Power ON/OFF switch
2	**PWR**	Connect the supplied power adapter to this jack.
3	**RESET**	After the device is powered on, press it to reset the device or restore to factory default settings. **0-3 seconds**: reset the device **6 seconds above**: restore to factory default settings (this is used when you can not login to the router, e.g. forgot the password)
4	**LAN** **1X — 4X** **(RJ-45 connector)**	Connect a UTP Ethernet cable (Cat-5 or Cat-5e) to one of the four LAN ports when connecting to a PC or an office/home network of 10Mbps or 100Mbps.
5	**CONSOLE**	Console port is used for technical support purpose only.
6	**LINE**	Connect the supplied RJ-11 (“telephone”) cable to this port when connecting to the ADSL/telephone network.

Connecting Your ADSL Router

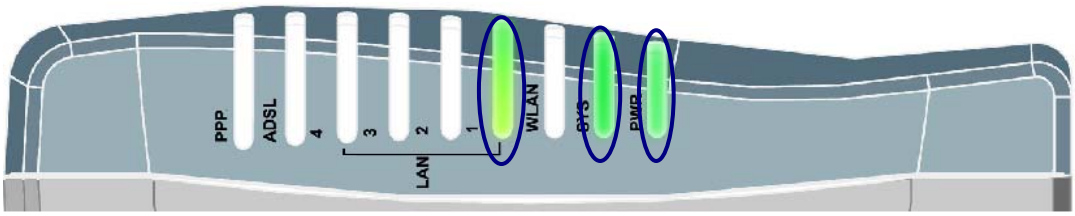
1. Connect the Router to a **LAN** (Local Area Network) and the ADSL/telephone (**LINE**) network.



2. Power on the device.



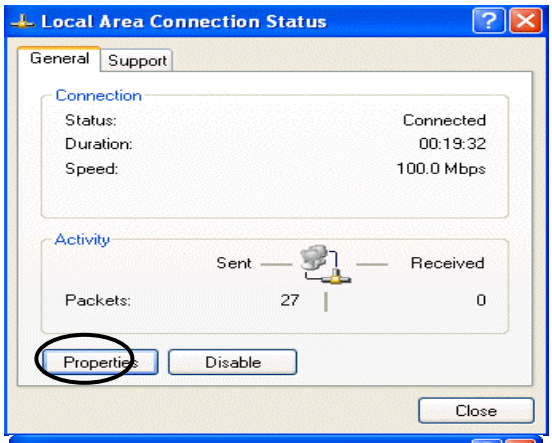
3. Make sure the **PWR** and **SYS** LEDs are lit steadily and that the **relevant LAN** LED is lit. (**For 5100W only**: the WLAN LED will be lit steadily).



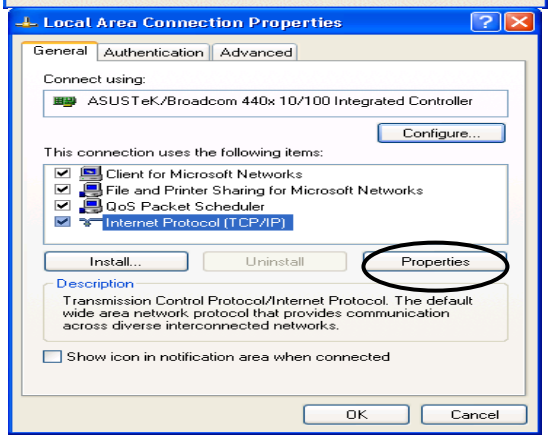
Configuring PC in Windows XP

1. Go to **Start / Control Panel (in Classic View)**. In the Control Panel, double-click on **Network Connections**
2. Double-click **Local Area Connection**.

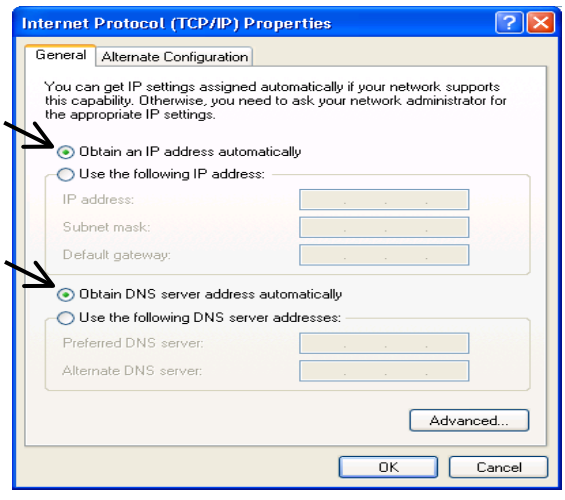
3. In the **Local Area Connection Status** window, click **Properties**.



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

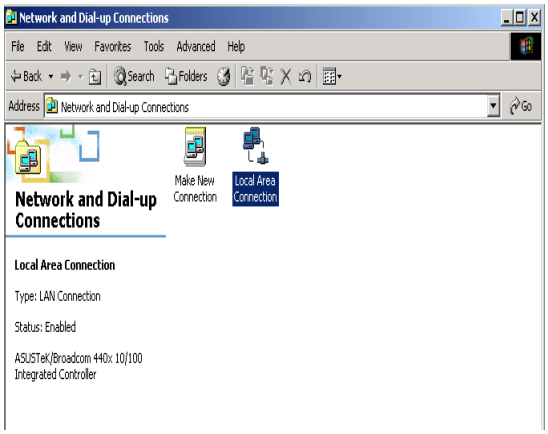


5. Select the **Obtain an IP address automatically** and the **Obtain DNS server address automatically** radio buttons.
6. Click **OK** to finish the configuration.

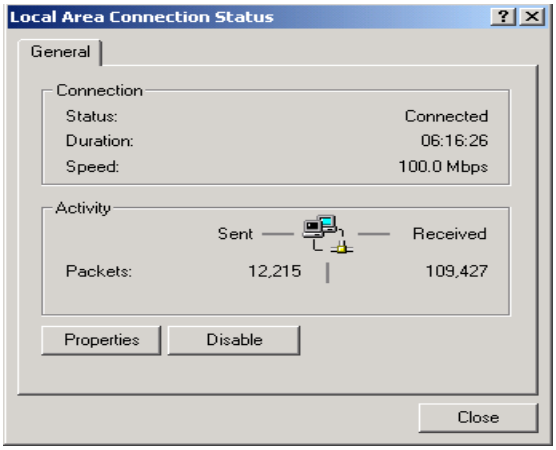


Configuring PC in Windows 2000

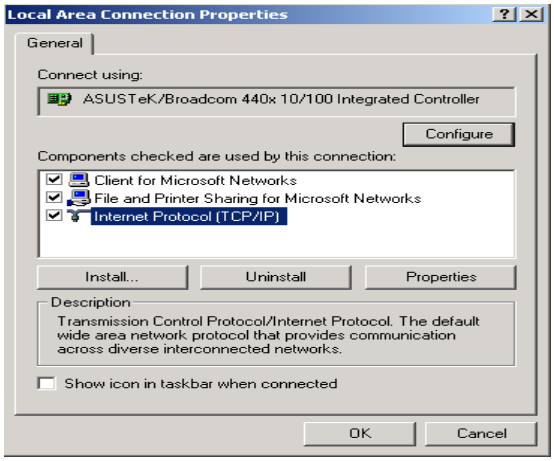
1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network and Dial-up Connections**.
2. Double-click **Local Area Connection**.



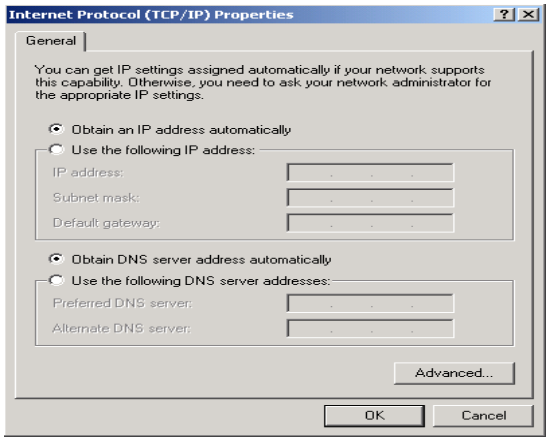
3. In the **Local Area Connection Status** window click **Properties**.



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

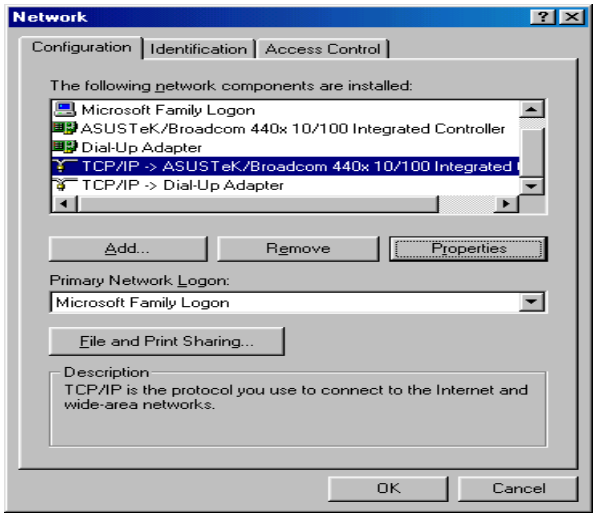


5. Select the **Obtain an IP address automatically** and the **Obtain DNS server address automatically** radio buttons.
6. Click **OK** to finish the configuration.

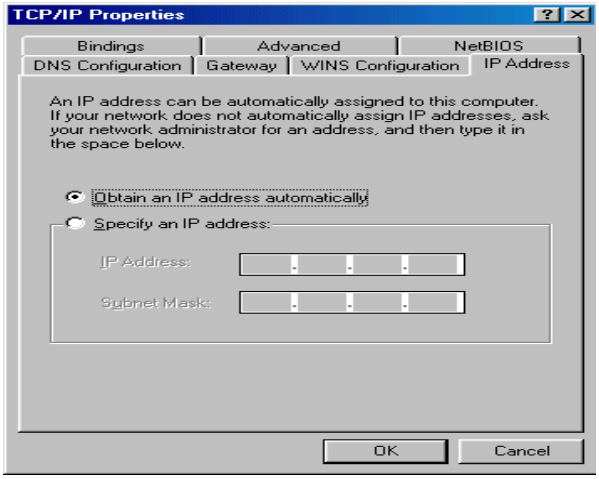


Configuring PC in Windows 98/Me

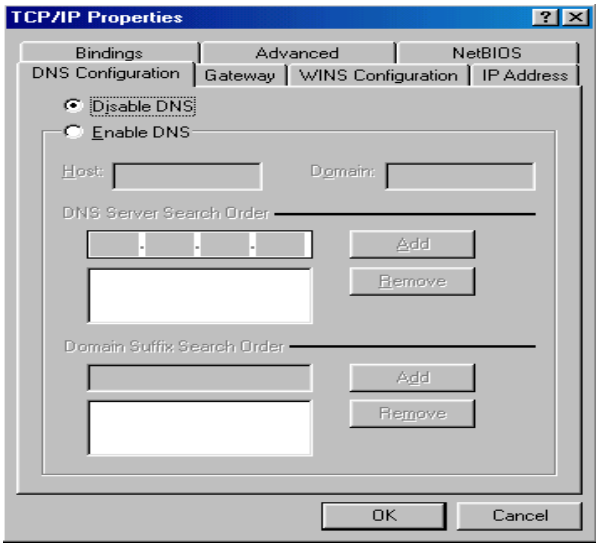
1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network** and choose the **Configuration** tab.
2. Select **TCP/IP -> NE2000 Compatible**, or the name of your Network Interface Card (NIC) in your PC.



3. Select the **Obtain an IP address automatically** radio button.

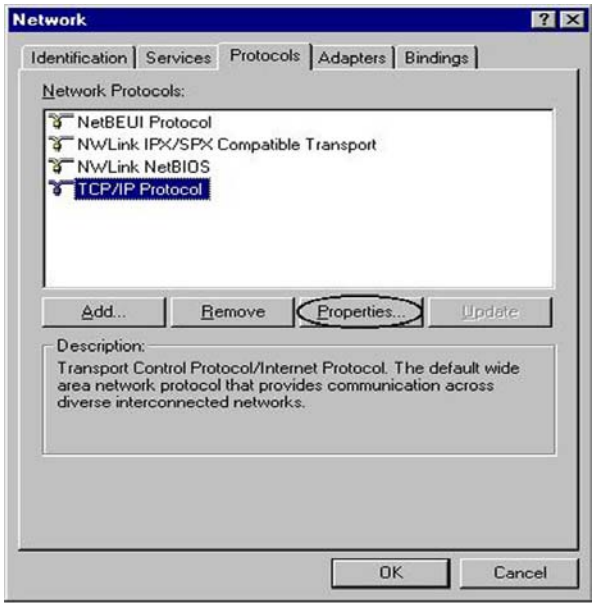


4. Then select the **DNS Configuration** tab.
5. Select the **Disable DNS** radio button and click **OK** to finish the configuration.

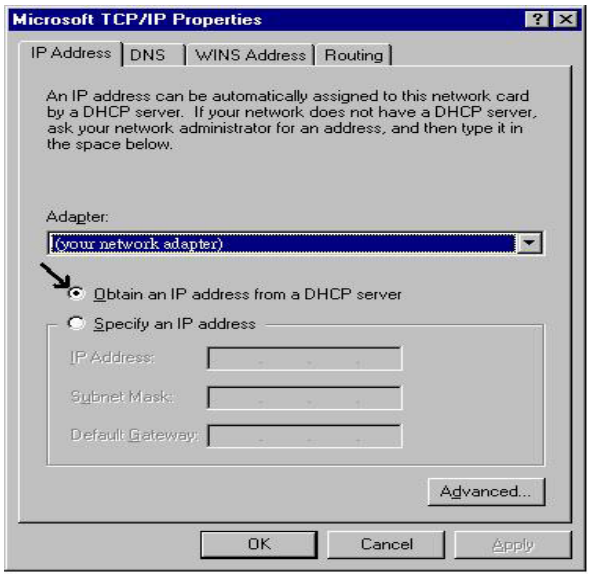


Configuring PC in Windows NT4.0

1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network** and choose the **Protocols** tab.
2. Select **TCP/IP Protocol** and click **Properties**.



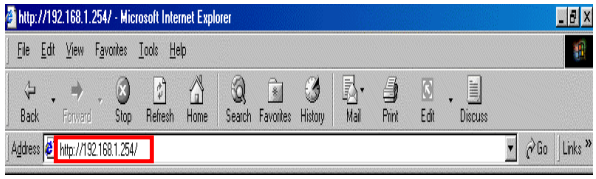
3. Select the **Obtain an IP address from a DHCP server** radio button and click **OK**.



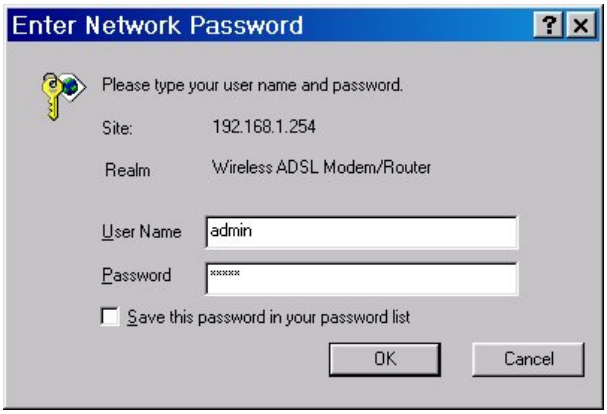
Configuring Your ADSL Firewall Router

To configure this device, you must have IE 5.0 / Netscape 4.5 or above installed

1. Open the web browser and type http://192.168.1.254 in the browser's address box. This number is the default IP address for this router. Press **Enter**.



2. A username and password window will appear. **The default username and password are admin and admin.** Press **OK** to proceed.



3. You will get a status report web page.

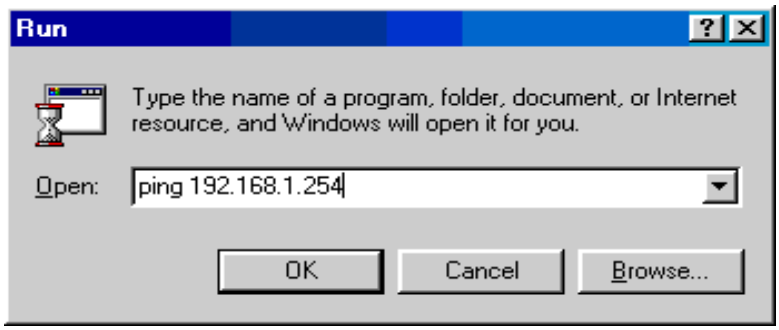
4. Click **Quick Start** in the left pane and select one of the connection protocols with the remote site (ISP) from the following: PPPoA, PPPoE, 1483 Routed IP VC-Mux, 1483 Routed IP LLC, Classical IP (1577), 1483 Bridged IP VC-Mux, 1483 Bridged IP LLC, Pure Bridged VC-Mux or Pure Bridged LLC. Please get this information from your service provider and configure the related parameters.

   The parameters are different among different Encapsulations or access methods. The most common are PPPoE and PPPoA.

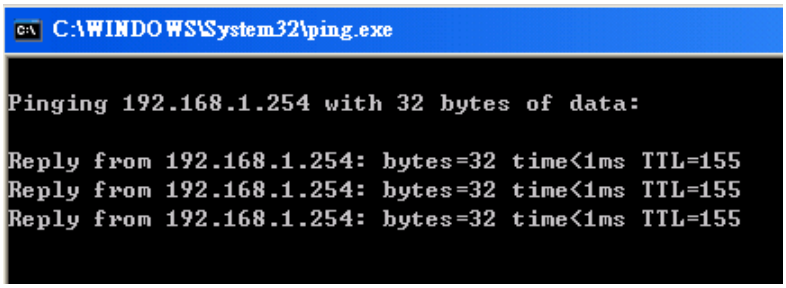
5. Click **Apply** to activate all configurations. But if you need this configuration, please click the "**Save Config to FLASH**" in the left panel to save the configuration.

Verifying Your Local Network Connection with the Device

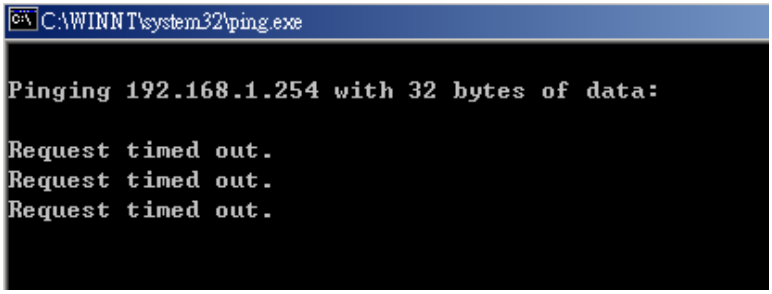
To see if this ADSL Router is visible on the local network, go to **Start** / **Run**. In the Run dialog box, type **"ping 192.168.1.254"** then press **OK**.



A command prompt window will pop out. If your ping is successful which means your local network is able to reach to the device, then the command prompt window will close up automatically.



Connection fails, when you see "**Request timed out"** in the command prompt window. You may need to check your set up.



Product Support and Contact Information

Most problems can be solved by referring to the **Troubleshooting** section in the User's Manual. If you cannot resolve the problem with the **Troubleshooting** chapter, please contact the dealer where you purchased this product.

Contact Billion

AUSTRALIA

http://www.billion.com.au

Hotline: 1300 139 159, 7 days a week.

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