

## **BIPAC-5100S**

# **ADSL Modem/Router**

# with Single Ethernet Port

**Quick Start Guide** 



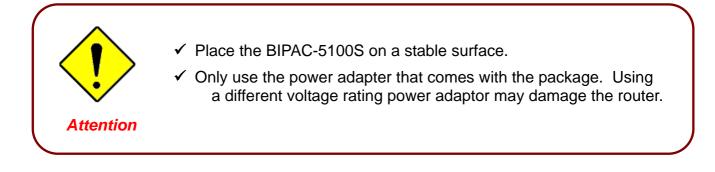
For more detailed instructions on configuring and using the ADSL Modem/Router, please refer to the on-line manual.

### **Package Contents**

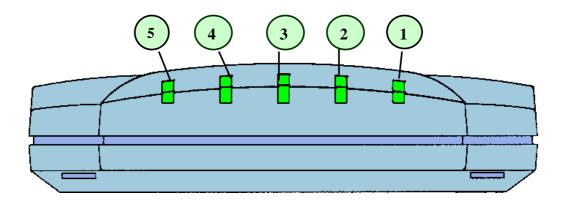
- BIPAC-5100S ADSL Modem/Router
- CD-ROM containing the online manual
- RJ-11 ADSL/telephone Cable
- Ethernet (CAT-5 LAN) Cable
- AC-AC power adapter (9VAC, 1A)
- This Quick Start Guide



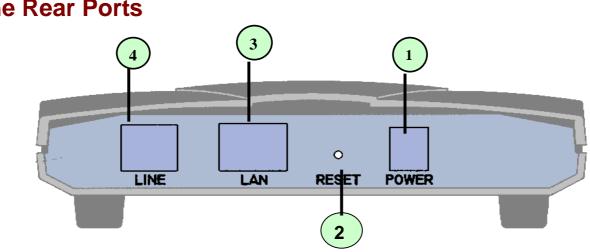
- Do not use the BIPAC-5100S in high humidity or high temperatures.
- Do not use the same power source for the BIPAC-5100S as other equipment.
- Do not open or repair the case yourself. If the BIPAC-5100S is too hot, turn off the power immediately and have it repaired at a qualified service center.
- Avoid using this product and all accessories outdoors.



### **The Front LEDs**



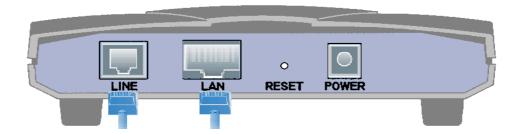
LED		Meaning			
1	PPP :	Lit steady when there is a PPPoA / PPPoE connection.			
2	ADSL:	Lit when successfully connected to an ADSL DSLAM ("linesync").			
3	LAN Port :	<ul> <li>Lit when connected to an Ethernet device.</li> <li>Green for 100Mbps; Orange for 10Mbps.</li> <li>Blinking when data is Transmitted / Received.</li> </ul>			
4	SYS :	Lit when the system is ready.			
5	PWR :	Lit when power is ON.			



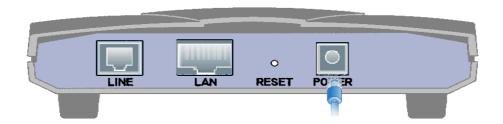
	Port	Meaning
1	POWER	Connect the supplied power adapter to this jack.
2	RESET	After the device is powered on, press it to reset the device or restore to factory default settings. <b>0-3 seconds</b> : reset the device <b>6 seconds above</b> : restore to factory default settings (this is used when you can not login to the router, e.g. forgot the password)
3	LAN	Connect a UTP Ethernet cable (Cat-5 or Cat-5e) to the LAN ports when connecting to a PC or an office/home network of 10Mbps or 100Mbps.
4	LINE	Connect the supplied RJ-11 ("telephone") cable to this port when connecting to the ADSL/telephone network.

### **Connecting Your ADSL Router**

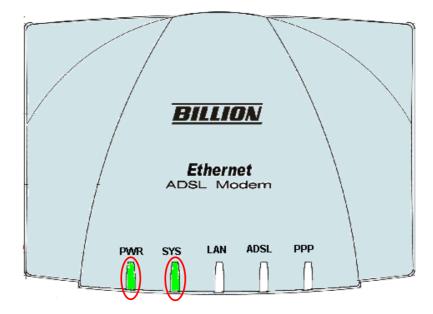
1. Connect the Router to a LAN (Local Area Network) and the ADSL/telephone (LINE) network.



2. Power on the device.



3. Make sure the PWR and SYS LEDs are lit steadily and that the relevant LAN LED is lit.



### **Configuring PC in Windows XP**

- 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.

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#### Quick Start Guide

### **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.

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## 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.
- 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.

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### **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.

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### **Configuring Your ADSL Modem/Router**



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

🗿 http://192.168.1.254/ - Microsoft Internet Explo

0 1 1 0

File Edit View Favorites Tools Help

- Open the web browser and type <u>http://192.168.1.254</u> in the browser's address box. This number is the default IP address for this router. Press Enter.
- A username and password window will appear. The default username and password are admin and admin. Press OK to proceed.



X

**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.

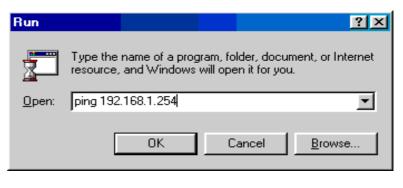


5. Click **Apply** to activate all configurations. But if you need this configuration, please click the "**Save Config to FLASH**" in the left panel to save the configuration.

#### **Quick Start Guide**

## 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.

ex C:\WINDOWS\System32\ping.exe							
Pingir	ng 192	2.168.1.254 wit	h 32 byte:	s of data	:		
Reply	from	192.168.1.254	bytes=32	time<1ms	TTL=155		
Reply	from	192.168.1.254:	: bytes=32	time<1ms	TTL=155		
Reply	from	192.168.1.254	bytes=32	time<1ms	TTL=155		

C:\WINNT\system32\ping.exe								
Pinging	192.16	8.1.254	with	32	bytes	of	data:	
Request Request Request	timed	out.						

#### **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.

#### WORLDWIDE

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