

BIPAC- 8500 / 8520

SHDSL VPN Firewall Bridge / Router

Quick Start Guide



For more detailed instructions on configuring and using the SHDSL Firewall Bridge / Router, please refer to the on-line manual.

Package Contents

- BIPAC-8500 / 8520 SHDSL Bridge / Router
- CD-ROM containing the online manual
- RJ-11 SHDSL / telephone Cable
- Ethernet (CAT-5 LAN) Cable
- Console (PS2-RS232) Cable
- AC-DC power adapter (12VDC, 1A)
- This Quick Start Guide



- O not use the same power source for the BIPAC-8500 / 8520 as other equipment.
- Do not open or repair the case yourself. If the BIPAC-8500 / 8520 is too hot, turn off the power immediately and have it repaired at a qualified service center.



Warning

- Place the BIPAC-8500 / 8520 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	LINE 1 & 2	Lit when successfully connected to SHDSL line and it is		
2		synchronized.		
3	LAN Port 1X — 4X (RJ-45 connector)	Lit when connected to an Ethernet device. Green for 100Mbps; Orange for 10Mbps. Blinking when data is Transmitted / Received.		
4	SYS	Lit when the system is ready.		
5	PWR	Lit when power is ON.		

The Rear Ports





★ Only the BIPAC-8520 has two Line jack ports. BIPAC-8500 has one.

	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	Connect a PS2/RS-232 cable to this port when connecting to a PC's RS-232 port (9-pin serial port).
6	LINE 1X — 2X (RJ-11 connector	Connect the supplied RJ-11 ("telephone") cable to this port when connecting to the A SHDSL line.

Connecting Your SHDSL Bridge / Router

1. Connect the Router to a LAN (Local Area Network) and the SHDSL LINE.



2. Power on the device.



3. Make sure the **PWR** and **SYS** LEDs are lit steadily and that the **relevant LAN and LINE** LED are 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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Configuring PC in Windows 2000

- 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.

Network ? 🗙
Configuration Identification Access Control
The following network components are installed: Microsoft Family Logon SAUSTeK/Broadcom 440x 10/100 Integrated Controller Dial-Up Adapter
TCP/IP → ASUSTeK/Broadcom 440x 10/100 Integrated TCP/IP → Dial-Up Adapter
Add Remove Properties
Primary Network Logon: Microsoft Family Logon
<u>File and Print Sharing</u>
Description TCP/IP is the protocol you use to connect to the Internet and wide-area networks.
OK Cancel
TCP/IP Properties
Bindings Advanced NetBIOS DNS Configuration Gateway WINS Configuration IP Address
An IP address can be automatically assigned to this computer. If your network does not automatically assign IP addresses, ask your network administrator for an address, and then type it in the space below.
Obtain an IP address automatically
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IP Address:
Subnet Mask:
OK Cancel
TCP/IP Properties
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Add Remove
OK Cancel

- 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.

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Configuring Your SHDSL VPN Firewall Bridge / Router



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

Verifying Your Local Network Connection with the Device

To see if this SHDSL 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.

C:\WINDOWS\System32\ping.e	xe
Pinging 192.168.1.254 wit	h 32 bytes of data:
	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

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

🚾 C:\WINN	IT\system∄	2\ping.exe						
Pinging	192.16	8.1.254	with	32	bytes	of	data:	
Request Request Request	timed	out.						

Quick Start Guide

Connecting to the Bridge / Router

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 user name and password window will appear. The default <u>User Name and Password are</u> "admin" and" admin". Press OK to logon to the router

Enter Net	work Passwo	rd ?X
? >	Please type yo	ur user name and password.
3	Site:	192.168.1.254
	Realm	
	<u>U</u> ser Name	admin
	Password	admin
	\Box Save this p	assword in your password list
		OK Cancel

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.

For further assistances with the product, please feel free to contact and visit us at:

http://www.billion.com

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