

BIPAC-7500G

802.11g ADSL VPN Firewall Router with

3DES Accelerator

Quick Start Guide

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For more detailed instructions on configuring and using the 802.11g ADSL VPN Firewall Router, please refer to the on-line manual.

Package Contents

- BIPAC-7500G ADSL VPN Firewall Router
- CD-ROM containing the online manual
- RJ-11 ADSL/telephone Cable
- Ethernet (CAT-5 LAN) Cable
- Console (PS2-RS232) Cable
- AC-DC power adapter (12V DC, 1A)
- ADSL Line Filter (Optional) (Note: Included for Australia)
- Two 5dbi Antennae
- This Quick Start Guide



Warning

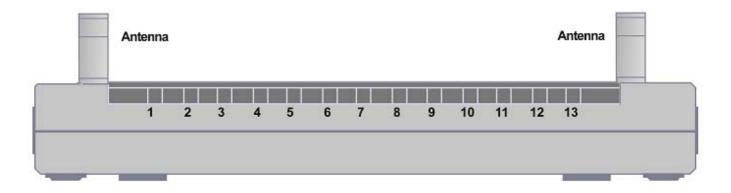
- Do not use the BIPAC-7500G ADSL VPN Firewall Router in high humidity or high temperatures.
- Do not use the same power source for the BIPAC-7500G ADSL VPN Firewall Router as other equipment.

✓ Do not open or repair the case yourself. If the BIPAC-7500G ADSL VPN Firewall Router is too hot, turn off the power immediately and have it repaired at a qualified service center.



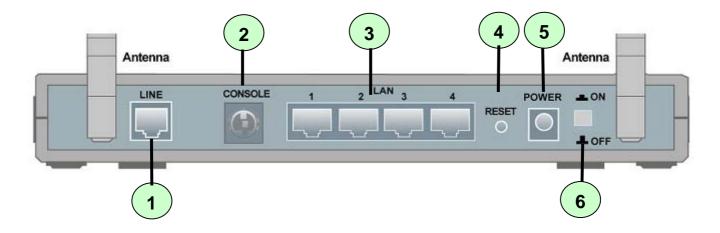
- Place the BIPAC-7500G ADSL VPN Firewall Router on a stable surface.
- Only use the power adapter that comes with the package. Using a different voltage rating power adaptor may damage the router.

The Front LEDs



	LED	Meaning
1	PWR	Lit when power is ON.
2	SYS	Lit when the system is ready.
3	LAN port 1	Lit when connected to an Ethernet device. Green for 100Mbps; Orange for 10Mbps Blinking when data is transmitted/received.
4	LAN port 2	Lit when connected to an Ethernet device. Green for 100Mbps; Orange for 10Mbps Blinking when data is transmitted/received.
5	LAN port 3	Lit when connected to an Ethernet device. Green for 100Mbps; Orange for 10Mbps Blinking when data is transmitted/received.
6	LAN port 4	Lit when connected to an Ethernet device. Green for 100Mbps; Orange for 10Mbps Blinking when data is transmitted/received.
7	WLAN	Lit green when the wireless connection is established. Flashes when sending/receiving data.
10	MAIL	Flash when there is Email in your configured Email account.
11	PPP	Lit when there is a PPPoA / PPPoE connection.
13	ADSL	Lit when successfully connected to an ADSL DSLAM ("linesync").

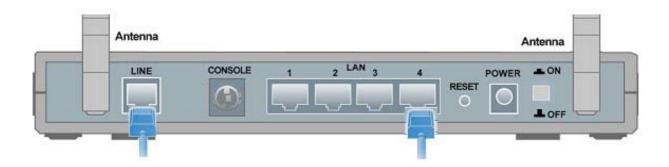
The Rear Ports



	Port	Meaning
1	LINE	Connect the supplied RJ-11 ("telephone") cable to this port when connecting to the ADSL/telephone network.
2	CONSOLE	Connect a PS2/RS-232 cable to this port when connecting to a PC's RS-232 port (9-pin serial port).
3	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.
4	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 cannot login to the router. E.g. forgot the password)
5	PWR	Connect the supplied power adapter to this jack.
6	Power Switch	Power ON/OFF switch

Connecting Your ADSL Router

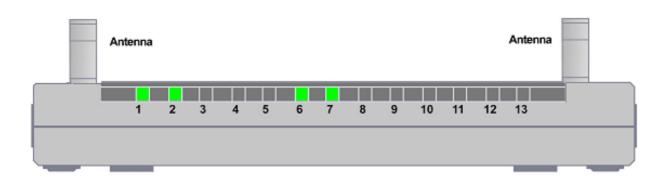
1. Connect the Router to a LAN (Local Area Network) and the ADSL/telephone (LINE) network.



2. Power on the device.

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



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.

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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.

Vetwork ?	
Configuration Identification Access Control	
The following network components are installed:	
Microsoft Family Logon	
ASUSTeK/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	
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Microsoft Family Logon	
File and Print Sharing	
Description	
TCP/IP is the protocol you use to connect to the Internet and	
wide-area networks.	
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your network administrator for an address, and then type it in	`
the space below.	
- I	
Obtain an IP address automatically	
C Specify an IP address:	
IP Address:	
Sybnet Mask:	
OK Cance	I
CP/IP Properties	2
Bindings Advanced NetBIOS	
DNS Configuration Gateway WINS Configuration IP Addre	ess
Disable DNS	
C Enable DNS	
Host: Domain:	
DNS Server Search Order	
Add	
<u>B</u> emove	
Domain Suffix Search Order	
Add	
Remove	
11011010	
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.

dentification Serv	vices Protocols Adapters Bindings
Network Protocol	\$:
WetBEUI Pro	/SPX Compatible Transport BIOS
area network pr	Bemove Properties. Update
	OK Canc
rosoft TCP/IP	Properties
7	
Address DNS An IP address car by a DHCP serve	WINS Address Routing n be automatically assigned to this network card r. If your network does not have a DHCP server, administrator for an address, and then type it in
PAddress DNS An IP address car by a DHCP serve ask your network	WINS Address Routing n be automatically assigned to this network card r. If your network does not have a DHCP server, administrator for an address, and then type it in
by a DHCP serve ask your network the space below.	WINS Address Routing n be automatically assigned to this network card r. If your network does not have a DHCP server, administrator for an address, and then type it in
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Address DNS An IP address car by a DHCP serve ask your network the space below. Adagter: Adagter: Adagter: Cour network ar Dbtain an I	WINS Address Routing no be automatically assigned to this network card r. If your network does not have a DHCP server, administrator for an address, and then type it in the type it in the server server address from a DHCP server serv
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PAddress DNS An IP address ca by a DHCP serve ask your network the space below. Adagter: [Crous network so Obtain an I C Specify an IP Address: Sybnet Mask:	WINS Address Routing n be automatically assigned to this network card r. If your network does not have a DHCP server, administrator for an address, and then type it in Hopter) P address from a DHCP server IP address

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

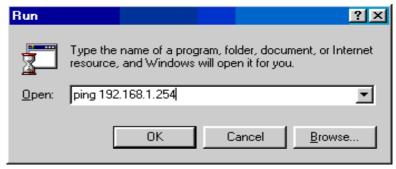
Configuring Your ADSL VPN Firewall Router



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 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.

ex C:\	C:\WINDOWS\System32\ping.exe						
Pingir	ng 192	2.168.1.2	54 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	

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

🚾 C:\WINN	¶T\system32\ping.exe						
Pinging	192.168.1.254	with	32	bytes	of	data:	
-	timed out.						
	timed out. timed out.						

Quick Start Guide

Connecting to the 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 ? 🗙
? >	Please type yo	ur user name and password.
8	Site:	192.168.1.254
	Realm	
	<u>U</u> ser Name	admin
	Password	admin
	□ <u>S</u> ave 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.

Contact Billion

AUSTRALIA

http://www.billion.com.au/

Hotline: 1300 139 159, 7 days a week.

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