D-Link Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 6 or Netscape Navigator 6.2.3.

DI-824VUP+

2.4GHz Wireless VPN Router and Print Server

Before You Begin

- 1. Thank you for purchasing this router to share your high-speed Internet connection with other computers. For you to share high-speed Internet access, you must have either an Ethernet-based Cable or DSL modem with an established Internet account from an Internet Service Provider (ISP).
- It's best to use the same computer that is connected to your modem for configuring the DI-824VUP+ Wireless VPN Router. The DI-824VUP+ acts as a DHCP server and will assign all the necessary IP address information on your network. See Appendix at the end of this Quick Installation Guide or the Manual on the CD-ROM for setting each network adapter to automatically obtain an IP address.

Check Your Package Contents



If any of the above items are missing, please contact your reseller.

Connecting The DI-824VUP+ 2.4GHz Wireless VPN Router To Your Network

A. First, connect the power adapter to the receptor at the back panel of the DI-824VUP+ and then plug the other end of the power adapter to a wall outlet or power strip. The Power LED lights up indicating proper operation. (Fig. A)



B. 1. Power off your Cable or DSL modem; the devices that do not have a on/off switch and will require you to unplug the power adapter. Now, the DI-824VUP+ should be powered on and the Cable / DSL modem should be turned off. Cable / DSL modem (Power Off) – DI-824VUP+ (Power On) (Fig.B)



2.Connect an Ethernet cable to the Ethernet jack located on the Cable / DSL modem. After the Ethernet cable is securely connected, power on the Cable / DSL modem by turning on the unit or plugging in the power adapter. Cable / DSL modem (Power On) – DI-824VUP+ (Power On)

3. Insert the other end of the Ethernet cable to the WAN PORT on the back panel of the DI-824VUP+. The WAN LED light will illuminate to indicate proper connection. If the WAN LED is not illuminated, please go back to step B1 and repeat the steps. (Fig.C)



- C. Insert an Ethernet cable to LAN Port 1 on the back panel of the DI-824VUP+ and an available Ethernet port on the network adapter in the computer you are using to configure the DI-824VUP+. The LED light for LAN Port 1 illuminates to indicate proper connection. (Note: The LAN Ports on the DI-824VUP+ are Auto-MDI/MDIX. Meaning you can use a straight-through or crossover-Ethernet cable in the LAN Ports.) (Fig.C)
- D. COM Port for dial-up Internet connection (optional). (Fig.D)





- E. Computers equipped with 802.11g wireless adapters will be able to connect to the DI-824VUP+. The DWL-G650+ Wireless Cardbus Adapter and the DWL-G520+ Wireless PCI Adapter will be able to connect out of the box with the router using their default wireless settings.
- F. Connect your Parrallel or USB printer here.



The LAN Ports on the DI-824VUP+ are Auto MDI/MDIX. Meaning you can use a straight-through or crossover Ethernet cable in the LAN Ports.)



Connecting Additional Computers To The DI-824VUP+ 2.4GHz Wireless VPN Router

Using additional Ethernet (CAT5 UTP) cables, connect your Ethernet-equipped computers to the remaining Ethernet LAN ports on the back panel of the DI-824VUP+.



When you have completed the steps in this *Quick Installation Guide*. vour connected network should look similar to this:



The Setup Wizard (continued)







If your ISP requires a **Static IP Address**, and this option is selected, then this screen will appear:

Enter the IP address information originally provided to you by your ISP. You will need to complete all the required fields.

Click Next

Setup Wizard - Microsof	't Internet Explorer	
D-Link	DI-824VUF	Setup Wizard
Set	t Static IP Address	1
Enter in the static IP inforr to continue.	nation provided to you by	your ISP. Click Next
WAN IP Address	0.0.0.0	
WAN Subnet Mask	255.255.255.0	
WAN Gateway	0.0.0.0	
Primary DNS	0.0.0.0	
Secondary DNS	0.0.0.0	
	3	
	Back Cano	el Next Exit
		_

Please continue to Wireless Setup.



If your ISP uses **PPPoE** (Point-to-Point Protocol over Ethernet), and this option is selected, then this screen will appear: (Used mainly for DSL Internet service.)

> Please be sure to remove any existing PPPoE client software installed on your computers.

Enter in the username and password provided to you by your ISP.

Link	DI-824VUP	Sotup Wize
Settedns for People	Shore and the	1000000 00000
	Set PPPoE	
The service name is option Next to continue.	nal but may be required	by your ISP. Click
PPPoE Account		
PPPoE Password	•••••	
Retype Password	•••••	
PPPoE Service Name		(optional)
	G 🔮) 🕑 📵
	Back Can	col Novt Evil

Wireless Setup

Click Next

The default wireless settings for your 802.11g wireless network are: SSID = default

Channel = 6

You can change these settings to match an existing wireless network.

If you wish to use encryption for your 802.11g network, the DI-824VUP+ is capable of three levels of wireless encryption - 64-bit, 128-bit, and 256bit. **By default the encryption is disabled.** You can change the encryption settings for more secure wireless communication.

Click Next

🗿 Setup Wizard - M	licrosoft Internet Explorer
D-Link	DI-824VUP+Setup Wizard
Enter in the SSID Wireless Access	Set Wireless connection name and Channel number to be used for the Point Click Next to continue
Network ID (SSID)	default
Channel	6 💌 WEP Encryption Disable 💌
WEP Key	
	3 3 🕘 🕕
	Back Cancel Next Exit



Test Internet Connection

You will be returned to the Home tab.

Click to Exit

Then **relaunch** your Web browser (i.e., *Internet Explorer* or *Netscape Navigator*), to link to your favorite Web site to test your Internet connection.

For additional settings or information, refer to the **Advanced, Tools,** or **Status** tabs on the webmanagement interface; or to the Manual located on the CD.



APPENDIX Installing the Print Server Software



Installing the Print Server Software (continued)



After rebooting your computer, the software installation procedure is finished.

Configuring on Windows 98se/Me Platforms

After you finish the software installation procedure, your computer will be capable of network printing provided by the DI-824VUP+. For convenience, we call the printer connected to the printer port of the DI-824VUP+ a *printer server*. On a Windows 95/98 platform, open the *Printers* window in the *My Computer* menu.

Now, you can configure the print server of the DI-824VUP+:

Find out the corresponding icon of your *printer server*, for example, the **HP LaserJet 6L**. Right click on that icon, and then select *Properties.*

The following screen appears:



Browse			Comment:
Browse			
	× .	[(none)	eparator page: [

Configuring on Windows 98se/Me Platforms (continued)

Click on the	HP LasenJet 6L (PCL) Properties
Details tab	Details Sharing Paper Print Quality Fonts Device Options
	(HP Lavevier 6L (PCL)
Choose the "PRTmate: (All-in-1)" from the list attached at the Print To item. Be sure that the Printer Driver item is configured to the correct driver of your <i>printer server</i> .	Print to the following got: Add Port
Click Port Settings	Pget Settings.
Choose your printer interface. Type in the IP address of the DI-824VUP+.	Printer Position
Click OK	
Configuring on Windows 2000	D/XP Platforms
Click Port	HP LaserJet 6L Properties 2 X
The configuration procedure for a Windows 2000/XP platform is similar to that of Windows 95/98 except the screen of printer Properties :	PP Lasedet 6L Pert to the following port(s). Documents will point to the first free checked port Port Port Pert Pert Pert
Click Configure Port	
Choose your printer interface. Type in the IP address of the DI-824VUP+.	OK Cancel Aproy
Click OK	
(Note: Screen shots are tak similar screens will appear	ren in Windows 2000, in Windows XP.)

APPENDIX (continued)

To connect to the network, make sure the network adapter in your computer is configured properly. Here's how to configure the network adapter to obtain an IP address automatically for the DI-824VUP+ Broadband Router.





MEMO