# D-Link DP-300U Fast Ethernet Print Server

Manual

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## **Package Contents**



#### **Contents of Package:**

- D-Link DP-300U Print Server
- Manual and Warranty on CD
- Printed Quick Installation Guide
- If any of the above items are missing, please contact your reseller.

#### **System Requirements:**

- A computer with an installed Ethernet adapter
- Windows Vista/XP/2000/NT4/ME/98SE/95
- Apple Mac OS 9.x to MAC OS X 10.4.x
- Linux, Solaris, SCO Unix, AIX
- Internet Explorer 6.0 or above; Netscape Navigator version 6.0 or above, with

#### JavaScript enabled

Printer must support required operating system

#### Introduction

The D-Link DP-300U Print Server is print server that connects to your Ethernet/Fast Ethernet network anywhere you wish to locate printer services. The DP-300U manages the flow of print files from workstations or file servers to connected printers, delivering print jobs to printers much faster than a file server or a PC acting as a print server can.

The DP-300U includes easy-to-use software to install on most Windows-based networks. Protocol support for TCP/IP, NetBEUI, and AppleTalk are provided to ensure seamless connection to major networking Operating Systems.

The DP-300U has a built in Web-Based management feature that allows users to easily configure and manage multiple print queues through TCP/IP. The DP-300U also supports Telnet as an alternative method to configure the unit.

The DP-300U improves network printing services in the following ways:

The DP-300U picks up the workload of managing print file traffic to its connected printers. This provides workload relief to your file servers, and allows the file servers full capacity to be used for file access or other direct services to network users. On peer-to-peer networks, workstations can print directly to the Print Server without increasing the load of another workstation or server.

The DP-300U's two parallel printer ports are IEEE1284-compliant high-speed bi-directional port and its USB printer port is USB 2.0 port, which can transmit to high-speed laser printer much faster than a PC's parallel/USB printer port. High-speed laser printer connected to the Print Server's parallel/USB port can be operated at their full capacity. Because the DP-300U is very portable and inexpensive compared to a PC-based print server, and Print Server connects to your file servers through the network, printers can be deployed to locations of maximum convenience to users.

The DP-300U offers extraordinary flexibility, operating with all major network operating systems and protocols:

# TCP/IP

UNIX lpr/lpd (HP-UX, SunOS, Solaris, SCO, UnixWare, IBM AIX) Windows NT/2000, Windows 95/98SE/ME, Windows XP/Vista, NetWare 5.x NDPS LPR Remote Printing

# NetBEUI

Windows NT/2000/XP, Windows 95/98SE/ME, Windows for Workgroups, Microsoft LAN Manager, IBM LAN Server

# AppleTalk

# MacOS EtherTalk

Furthermore, the print server features a useful software: PS-Wizard. PS-Wizard is a user-friendly program used to complete further settings for the print server, and assists you to easily add a printer on your computer. See also the "Using The PS-Wizard" chapter in this manual for the details. The print server also supports configuration and management via the Telnet protocol for networks without Windows-compatible machines.

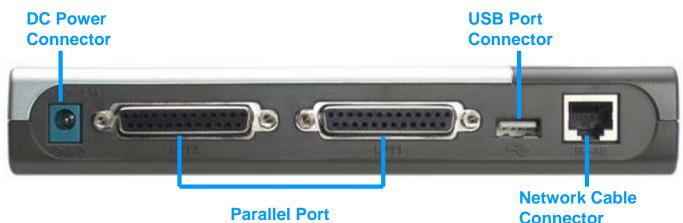
# External Features Port Connectors

The DP-300U has two parallel ports and one USB port located on its back panel. The ports are configurable using the Web Configuration Interface or the print server's Telnet interface. The Print Server's Web configuration permits users to configure settings through the web browser.

Default IP Address of DP-300U is set as automatically getting from DHCP server or Router which build-in DHCP server.

**NOTE:** The PC's IP Address must be in the same subnet as the print server's IP Address for the two devices to communicate. (For example, if print server's IP Address is 192.168.0.10, with a subnet mask of 255.255.255.0, then your computer's IP Address should be 192.168.0.x, where x is a value between 1-254, excluding 10.)

#### Rear Panel



Connector

Connector

#### **Network Cable Connector**

The Print Server's rear panel features an RJ-45 connector for connection to 10Base-T Ethernet cabling or 100Base-TX Fast Ethernet cabling (which should be Category 5 twisted-pair cable). The port supports the NWay protocol, allowing the Print Server to automatically detect or negotiate the transmission speed of the network.

#### **USB Port Connector**

The rear panel of the print server features the USB port connector. Plug this connector directly into the USB port on your network printer via a USB cable.

#### **Parallel Port Connector**

The rear panel of the print server features two parallel port connectors. Connect this port to the parallel port on your network printer with a parallel cable.

#### **DC Power Connector**

The DC power input connector is located on the Print Server's rear panel and is labeled DC 5V.

# Front Panel LED Indicators

The front panel of the print server features five LED indicators:



**LED Indictors** 

#### Power

Steady green confirms that the Print Server is powered ON.

# Link/Act

Steady green confirms that the Print Server has a good connection to the Ethernet or Fast Ethernet network. The indicator blinks off briefly to indicate that the Print Server is receiving or transmitting from the network.

#### USB

Lights up to indicate printing activity.

# LPT1/LPT2

Lights up to indicate printing activity.

These five indicators are also used by the Print Server's Power-ON Self Test (POST) to indicate any hardware failures.

### Setting up the DP-300U

### **Installing the Print Server**

**WARNING**: Configuration problems may result if the Print Server is powered up without first establishing its network connection.

Follow this procedure to avoid complications at the configuration stage.

- 1. Confirm proper operation of the printers to be connected to the DP-300U.
- 2. When you have confirmed proper operation of the printer, switch its power OFF.
- 3. Confirm that your network is operating normally.
- 4. Connect the DP-300U RJ-45 Connector to the network, using an Ethernet CAT5 cable.
- 5. While the printer is powered **OFF**, install the corresponding parallel or USB printer cable to connect the printer's parallel port or USB port to the printer port of the Print Server
- 6. Switch on the connected printer.
- 7. Plug the AC power adapter's DC output plug into the DC 5V power socket on the rear panel of the Print Server.
- Plug the power adapter into a power outlet. This will supply power to the Print Server, as it has no external power switch. The green Power LED on the Print Server's front panel should illuminate steadily, and the Print Server's Self-Test will proceed.

#### **Power ON Self-Test**

Every DP-300U has been factory-tested to operate properly.

When the DP-300U is powered ON, it also automatically performs a Self-Test on each of its major components. The final result of the Self-Test is signaled by the state of the LPT/USB LED indicator following the Self-Test. Preliminary to the actual component tests, the five LED indicators are tested to confirm their steady

and flashing operation.

Immediately after power-up, all five of the green LEDs should illuminate steadily for several seconds. Then the LPT1, LPT2 and USB LED indicators should light OFF. Irregularity of any of the three LEDs during these LED tests may mean there is a problem with the LEDs themselves.

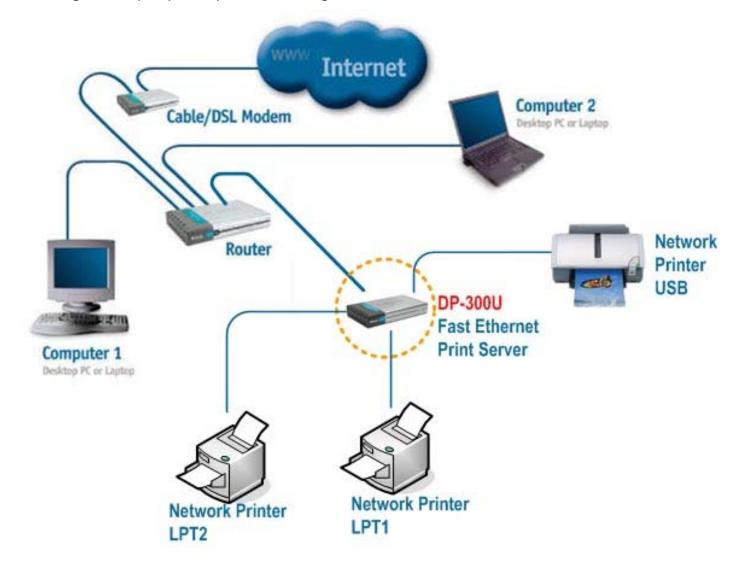
The actual component tests immediately follow the LED tests. A normal (no fault) result is signaled by a simultaneous flashing of the LPT/USB LED three times, followed by a quiescent state with the LPT/USB LED dark.

If the Self-Test routine traps any component error, then following the LED tests the Self-Test will halt and the LPT/USB LED will continuously signal the error according to the following table. In the event of any such error signal, contact your dealer for correction of the faulty unit.

LPT/USB LED	Faulty Component
On	DRAM error
1 long 3 short	Flash Protected
1 long 5 short	Flash Erase/Program error
1 long 6 short	LAN Controller error
1 long 8 short	LPT Controller error
1 long 9 short	LPT error
1 long 14 short	LAN MII error
1 long 18 short	USB error
1 long 19 short	PCI error

#### **Getting Started**

Below is a sample network using the DP-300U. The DP-300U has a built- in Web-based management feature that allows users to easily configure and manage multiple print queues through TCP/IP.



For a list of printers that are compatible with the DP-300U, please see the Appendix in this manual. The compatibility list is not comprehensive. Even if it is not included in the list, your printer may be compatible with the DP-300U.

#### **Using PS-Wizard**

This chapter will introduce you the installation and operation of a useful software program – PS-Wizard.

#### Auto-Run Installation

Insert the Installation CD-ROM into your computer's CD-ROM drive to initiate the

Auto-Run program. The content of the Installation CD-ROM includes:

- View Quick Installation Guide click to preview the Quick Installation Guide in PDF format for step-by-step instructions of the print server Installation.
- View Manual click to preview the User's Guide in PDF format for detailed information of the print server.
- Install Acrobat Reader click to launch Acrobat Reader for the viewing and printing of PDF files in the Installation CD-ROM.
- Install PS-Wizard click to install PS-Wizard to complete further settings for the print server, such as:
  - Changing IP address
  - Adding a printer on your computer in the easiest way.
- Close click to close the Auto-Run program.

#### **PS-Wizard**

To avoid the conflict in your network, you can use **PS-Wizard** to change the related settings of your print server (such as the IP address) after finishing the installation of **PS-Wizard** on your PC.

#### **Installing PS-Wizard**

 Click the **PSWizardSetup** icon of the Installation CD-ROM, and then the system will prompt a window for you to select a desired setup language from its pull-down list. After done the selection of language, click **OK** to continue.

Choose S	ietup Language 🛛 🔀
	Select the language for this installation from the choices below.
	English  Cancel

2. Click Next> in the welcome window of InstallShield Wizard.



 Specify the destination location by clicking the Browse... button. Otherwise, leave the default setting and click Next> to continue.



 You may enter a new folder name in the Program Folder field if you want to change the default name. Otherwise, you may leave the default setting and click Next> to go on the installation.

InstallShield Wizard	
Select Program Folder Please select a program folder.	
Setup will add program icons to the Program Folder listed below. You may type a name, or select one from the existing folders list. Click Next to continue. Program Folders:	a new folder
PS-Wizard Existing Folders: Accessories	<u>^</u>
Administrative Tools Adobe AlphaNetworks AOL Instant Messenger Camtasia Studio 4 FileManager	
Games Microsoft Office	⊻
InstallShield	
<back next=""></back>	Cancel

 The InstallShield Wizard starts to install the software, and the Progress bar indicates the installation is proceeding until the following window shows up. Click Finish to complete the installation.

InstallShield Wizard	
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed PS-Wizard. Click Finish to exit the wizard. ✓ Launch PS-Wizard
	< Back <b>Finish</b> Cancel

After installing the program, the application program for the print server is automatically installed to your computer, and creates a folder in **Start**→ **Programs**→ **PS-Wizard**.

#### **Using PS-Wizard**

**PS-Wizard**, supports for Windows 2000/XP/2003/Vista, is a simple and useful tool for you easily adding a printer on your computer in order to quickly start your printing task without any complicated configuration. That is, the main goal and advantage of the **PS-Wizard** is to let you add a printer on your PC in the easiest way.

Furthermore, the **PS-Wizard** also allows you to set up IP addresses of print server, such as IP address, Subnet Mask address, and default Gateway address.

Go to **Start > Programs > PS-Wizard**, and select **PS-Wizard**.



Server Name	IP Address MAC Address	
	192,168.0.10 00 ff 15 a8 79	
		Discover
		-
<		Configuration
AN		
Dynamic IP (DHCF	2)	
Fixed IP		
IP Address :	192 , 168 , 0 , 10	
Subnet Mask :	255 . 255 . 255 . 0	
Defende outerrain	0.0.0.0	Apply
Default Gateway	0 - 0 - 0 + 0	
ort Information		
Port Name	Printer Model	
dlk-A8791E-P1	No Printer Detected	
dlk-A8791E-P2	No Printer Detected	
dlk-A8791E-U3	No Printer Detected	Concernance of the
		Add Printer

Print Server: This field allows you to manually discover the connected print server and to do further configuration of the print server that is selected from the list.

LAN: You may also to specify dynamic or static IP address for your print server. Then click Apply button to implement the new setting.

**Port Information:** This is the main function of the **PS-Wizard** for you to

easily add a printer on your computer.

To add a printer, click Add Printer, then the following window will display.

Add a Network Printer	Select Printer Driver	
NEXT. If your printer is not list, or if your printer came w	eady installed, select your printer from the list a listed, click 'Select from manufacturer list' to sel vith an installation disk, click 'Have Disk'.	
Show currently installed		
<ul> <li>Select from manufacture</li> </ul>	er list	
Manufacturers	Printer Models	
Digital Epson Fuji Xerox Fujitsu GCC	HP LaserJet 1200 Series PCL HP LaserJet 1200 Series PS (MS) HP LaserJet 1220 Series PCL HP LaserJet 1220 Series PS (MS) HP LaserJet 2000	
Generic Gestetner HP	HP LaserJet 2100 HP LaserJet 2100 PCL6 HP LaserJet 2100 Series PS	~
	H	lave Disk
	< Back Next >	Cancel

The wizard provides three ways for you to select printer driver:

# 1. Show current installed drivers:

You may select this option, "**Show currently installed drivers**", to check if the same printer driver already existed for use. If not, you may try the next method. After done the selection of printer driver, click **Next>** button to continue.

## 2. Select from manufacturer list:

Check this option, "**Select from manufacturer list**", to manually select your printer from drop-down menus by brand and model. Click **Next>** to continue when you find a desired driver. If not, try the last way (**Have Disk**). After done the selection of printer driver, click **Next>** to continue.

#### 3. Have Disk:

Click **Have Disk** to bring up the following window. Insert the manufacture's installation CD-ROM to install the printer driver. After the correct driver is selected, click **OK** to continue.

Install I	rom Disk	<b>X</b>
<b>F</b>	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	Browse

After selecting the printer driver, the wizard will ask you to confirm your selection again in the following window. Beside, you are allowed to edit the name of the printer in the **Network Printer Name** box and enable this printer as the default printer by checking the **Use this printer as the default printer for Windows-based programs** box.

After you did the verification and configuration in the following window, click **Next>** to continue. Then the printer (e.g. HP Laser 2000 used in this manual) will be auto-created in **Printers and Faxes** as the following illustration.

	Please confirm the printer selection and choose whether to make this printer the Windows default printing device. Click NEXT to continue.
	Port Name : dlk-1A2AAA-P1
	Printer Model : No Printer Detected
	Printer Driver : HP LaserJet 2000
	Network Printer Name : HP LaserJet 2000 at //dlink-1A2AAA/dlk-1A2AAA-P1
	☑ Use this printer as the default printer for Windows-based programs.
	< Bac < Next > Cancel
	rs and Faxes
ile Ec	
G Bad	ik 👻 🕑 – Ď 🔎 Sealth 😰 Folders 🛄 🕶
dress 🤇	🔄 Printers and Faxes 🛛 🖌 💽 Go
	Tasks
Printer	
💽 Ad	d a printer t up faxing

When the following window shows up, you may do print test by clicking the **Print Test Page** to check if you can do printing normally. If yes, click **Finish** to exit the installation window and now you may start your printing tasks.

Add a Network Printer Network Printer is Ready	×
Congratulations! You have completed the installation process and should now be able to print. If you did not make a note earlier, please take some time now to write down and remember the network printer name.	
HP LaserJet 2000 at //dlink-1A2AAA/dlk-1A2AAA-P1	
To exit the installation click 'FINISH', or to print a test page click 'PRINT TEST PAGE'.	
Finish Print Test Pa	ge

# **Using the Web Configuration**

#### Home

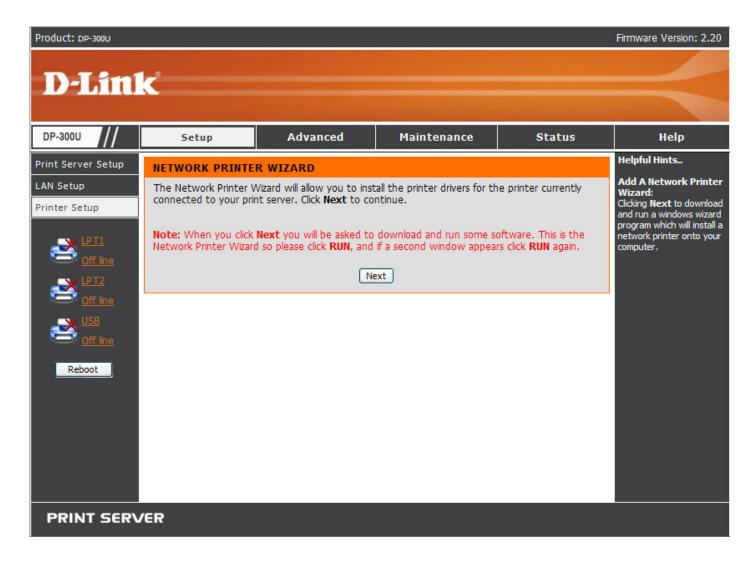
To begin managing the DP-300U, simply launch the browser (e.g. Internet Explorer 6.0 used in this manual) you have installed on your computer and direct it to the URL address: dlink-xxxxx, where xxxxx are the last six digits of DP-300U's MAC address. The MAC address can be found on the bottom side of the DP-300U device.

When you enter the correct URL, a password input dialog will pop up the following screen. Type "admin" in the **User name** box, leave the **Password** box as blank, and then click **OK**.

e Edit View Favorites Tools	Help		
	Connect to dia DP-301P+ User name: Password:	ink-1a2aaa ? @ admin @ admin @ Remember my password	
		OK Cancel	

Then the main screen of the print server's configuration will appear (see below). In addition to the product information, you can access and control the print server's

configuration through five links on the top of this main screen: **Setup**, **Advanced**, **Maintenance**, **Status**, and **Help**. You may click a desired link from the bar, to display its submenu and select a desired option listed in the left column, and then the corresponding content will show up in the center column.



#### **SETUP > Print Server Setup**

The **Print Server Setup** screen allows you to modify the **Print Server Name** and **Port Settings**, as below shows. D-Link does not recommend changing these settings unless asked by your network administrator.

Product: DP-300U					Firmware Version: 2.20
D-Lini	ć				
DP-300U	Setup	Advanced	Maintenance	Status	Help
Print Server Setup	PRINT SERVER SETUP				Helpful Hints
LAN Setup Printer Setup			hanged below. D-Link does y your network administrate		Printer Setup: In this field, you can configure the basic information of your print
LPT1	PRINT SERVER NAME				server.
Off line	Server Nan	dlink-A8791E			Port Setting: In this field, you can assign
Stress LPT2 Off line	Locatio	on :	(opti	ional)	the <i>Port Name</i> for the print server, and the description for the Printer port. It also allows you to
	PORT SETTINGS				select the PJL Printer setting (Yes or No).
Off line	LPT	1 : Port Name	: dlk-A8791E-P1		
Reboot		Description	:	(optional)	
		Speed	: High 💌		
		PJL Printer	: No 💙		
	LPT	2 : Port Name	: dlk-A8791E-P2		
		Description	:	(optional)	
		Speed	: High 🛩		
		PJL Printer	: No 💌		
	US	B: Port Name	: dlk-A8791E-U3		
		Description	:	(optional)	
		PJL Printer	: No 💌		
		Apply Settin	igs Cancel		
PRINT SERV	/ER				

#### **Print Server Name**

In this field, you can configure the basic information of print server. The basic information contains a name of the print server, assigned in **Server Name** box, and a location for the print server, assigned in **Location** (optional) box.

#### **Port Settings**

In this field, you can assign the Port Name for the print server, and the description for the Printer port. It also allows you to select the PJL Printer setting (Yes or No). **NOTE: PJL (Printer Job Language) has certain job requirements that must be met to work correctly. For more information, please refer to your printer's manual.** 

Once you have changed the settings in each option, click **Apply Settings** to store the settings, or **Cancel** to abandon.

# SETUP > LAN Setup

The **LAN Setup** screen allows you configure the local network settings of print server. Please note that this section is optional and you should not need to change any of the settings here to get print server up and running.

Product: pp-300U					Firmware Version: 2.20
D-Lin1	K				$\prec$
DP-300U	Setup	Advanced	Maintenance	Status	Help
Print Server Setup LAN Setup Printer Setup Printer Setup LPT1 off Ine LPT2 off Ine USB off Ine Reboot	LAN SETUP This section allows you that this section is opt your print server up an TCP/IP	u to configure the local ner ional and you should not r nd running. Address : ③ Automatic ○ Manually A IP Addre Subnet	twork settings of your print need to change any of the cally Assign Assign 255 : 192.168.0.10 Mask : 255.255.255.0 Gateway : 0.0.0.0	t server. Please note	Helpful Hints TCP/IP: This section allows you to configure the TCP/IP setting: IP Address.
PRINT SERV	/ER				

#### TCP/IP

This field allows you to assign IP address in manual or automatic method. When you choose **Manually Assign**, you should enter the related information in the following boxes, including **IP Address**, **Subnet Mask**, and **Default Gateway**. Once you have changed the settings in each option, click **Apply Settings** to store the settings, or **Cancel** to abandon.

# **SETUP > Printer Setup**

The Printer Setup screen allows you install the printer drivers for the printer

currently connected to your print server.



#### **Network Printer Wizard**

Click **Next** to download and run a windows wizard program to install a network printer onto your computer. When you click **Next**, you will be asked to download and run some software.

File Download - Security Warning	×
Do you want to run or save this file?	
Name: Addprt.exe Type: Application, 256 KB From: dlink-1a2aaa Run Save Cancel	כ
While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do n run or save this software. <u>What's the risk?</u>	ot

The above screen is the Network Printer Wizard. Click Run, and if a second

window appears as below click Run again.

Internet	t Explorer - Security Warning 🛛 🛛 🔀
The pu softwa	blisher could not be verified. Are you sure you want to run this re?
Na	me: Addprt.exe
Publist	ner: Unknown Publisher
	Run Don't Run
<b>1</b>	This file does not have a valid digital signature that verifies its publisher. You should only run software from publishers you trust. <u>How can I decide what</u> <u>software to run?</u>

Select the printer required, and then click **Next** to continue.

D Add a Network Printer Select Printer	
Please select the printer required, then click NEXT to continue.	
Printer Model	
No Printer Detected at 7/dlink-1A2AAA/dlk-1A2AAA-P1	
< Back Next > Can	cel

The wizard provides three ways for you to select printer driver:

# 1. Show current installed drivers:

You may select this option, "**Show currently installed drivers**", to check if the same printer driver already existed for use. If not, you may try the next method. After done the selection of printer driver, click **Next>** to continue.

D Add a Network Printer	Select Printer Driver 🛛 🔀
NEXT. If your printer is not listed,	installed, select your printer from the list and click click 'Select from manufacturer list' to select from a i installation disk, click 'Have Disk'. 's
HP LaserJet 2000	
Snaglt 7 Printer	
Refresh Driver List	Have Disk
	< Back Next > Cancel

#### 2. Select from manufacturer list:

Check this option, "**Select from manufacturer list**", to manually select your printer from drop-down menus by brand and model. Click **Next>** to continue when you find a desired driver. If not, try the last way (**Have Disk**). After done the selection of printer driver, click **Next>** to continue.

ist, or if your printe O Show currently	r came wit installed d	
Select from ma Manufacturers	nutacturer	Printer Models
Generic Gestetner HP	^	HP LaserJet 1200 Series PS (MS) HP LaserJet 1220 Series PCL HP LaserJet 1220 Series PS (MS)
IBM infotec Iwatsu		HP LaserJet 2000 HP LaserJet 2100 HP LaserJet 2100 PCL6
Kodak Konica	~	HP LaserJet 2100 Series PS HP LaserJet 2200 Series PCL

# 3. Have Disk:

Click Have Disk to bring up the following window. Insert the manufacture's

installation CD-ROM to install the printer driver. After the correct driver is selected, click **OK** to continue.

Install I	From Disk	X
<b>I</b>	Insert the manufacturer's installation disk, and then make sure that the correct drive is selected below.	OK Cancel
	Copy manufacturer's files from:	Browse

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After selecting the printer driver, the wizard will ask you to confirm your selection again in the following window. Beside, you are allowed to edit the name of the printer in the **Network Printer Name** box and enable this printer as the default printer by checking the **Use this printer as the default printer for Windows-based programs** box.

After you did the verification and configuration in the following window, click **Next>** to continue. Then the printer (e.g. HP Laser 2000 used in this manual) will be auto-created in **Printers and Faxes** as the following illustration.

Add a Network Printer Confirm Printer Driver	×
Please confirm the printer selection and choose whether to make this printer the Windows default printing device. Click NEXT to continue.	
Port Name : dlk-1A2AAA-P1	
Printer Model : No Printer Detected	
Printer Driver : HP LaserJet 2000	
Network Printer Name : HP LaserJet 2000 at 7/dlink-1A2AAA/dlk-1A2AAA-P1	1
Use this printer as the default printer for W indows-based programs.	
< Bac < Next > Cancel	
Printers and Faxes	
File Edit View Favorites Tools Help	
🕜 Back - 🕥 - 🏂 🔎 Search 🎼 Folders 🛄 -	
Address 🚱 Printers and Faxes 🛛 🔄 🕞 Go	
Printer Tasks       Image: Constraint of the state of th	
See Also	

When the following window shows up, you may do print test by clicking **Print Test Page** to check if you can do printing normally. If yes, click **OK** to close the

**PS-Wizard** dialog box.

Add a Network Printer Network Printer is Ready	×
Congratulations! You have completed the installation process and should now be able to print. If you did not make a note earlier, please take some time now to write down and remembe the network printer name.	
HP LaserJet 2000 at //dlink-1A2AAA/dlk-1A2AAA-P1	
To exit the installation click 'FINISH', or to print a test page click 'PRINT TEST PAGE'. PS-Wizard	
Test page print successfully!	
ОК	
Finish Print Test P	age

If yes, then click **Finish** to exit the installation window and now you may start your printing tasks.

# Add a Network Printer -- Network Printer is Ready

Congratulations!

You have completed the installation process and should now be able to print. If you did not make a note earlier, please take some time now to write down and remember the network printer name.

HP LaserJet 2000 at //dlink-1A2AAA/dlk-1A2AAA-P1

To exit the installation click 'FINISH', or to print a test page click 'PRINT TEST PAGE'.

Finish Print Test Page

#### ADVANCED > Advanced LAN

The **Advanced LAN** screen allows you to further network setting of print server. It is not recommended not to change the settings unless instructed to modify the setting by your network administrator. The **Advanced LAN** screen contains these fields: **TCP/IP**, **Microsoft Network**, and **AppleTalk**.

Product: DP-300U						Firmware Version: 2.20
<b>D-Lin</b>	C					
DP-300U	Setup	Advanced	Main	tenance	Status	Неір
Advanced LAN	NETWORK SETTING					Helpful Hints
User Access	Please do not change a administrator.	ny of the following	settings unless in	nstructed to do	so by your network	TCP/IP: If you are using e-mail
E-Mail Notification	auministrator.					printing or e-mail notification, you will need
SNMP	TCP/IP					to setup the DNS Server Address. Only if your network has a DNS Server
	DNS S	erver Address :	1. 0.0.0.0			setup should you enter the address into the DNS
Off line			2. 0.0.0.0			Server Address box, otherwise leave it as
	Mac Popiou	UPnP :	0 0			0.0.0.0.
Off line		Rendezvous :	Enable O Di     Enable O Di			UPnP allows your print server to be discoverable on the network.
off line			Port Number :			on the network. Mac Bonjour/Rendezvous
Rebeat			(For Remote We	eb Configuration	n and IPP Printing)	allows your print server to be discoverable on an
Reboot	MICROSOFT NETWO	ORK				Apple Mac network.
		Workgroup :	WORKGROUP			
		2 Martin - 2				
	APPLETALK					
	A	ppleTalk Zone:	*			
		LPT1 :	Chooser Name	: dlk-A	8791E-P1	
			Printer Type	: Lase	rWriter	
			PostScript Level			
			Font Group	: Star	ndard 35 💌	
		LPT2 :	Chooser Name	: dlk-A	8791E-P2	
			Printer Type	: Lase		
			PostScript Level			
			Font Group	-	ndard 35 💌	
		USB :	Chooser Name	: dlk-A	\8791E-U3	
			Printer Type	: Lase		
			PostScript Level Font Group		el 2 💙	
			rone oroup	; star	iuaru JJ 💌	
		Apply	Settings Ca	ncel		
			Cd	neer		
PRINT SERV	/ER					

## TCP/IP

This field contains four options that allow you to configure the TCP/IP setting:

# DNS Server Address, UPnP, Mac Bonjour/Rendezvous, and Second HTTP Port.

- **UPnP**: This option allows you to enable or disable UPnP function.
- Mac Bonjour/Rendezvous: This option allows you to enable or disable Mac Bonjour/Rendezvous function.
- Second HTTP Port: This option allows you to enable or disable Second HTTP Port for remote Web Configuration and IPP Printing.

#### **Microsoft Network**

Enter the name of the Workgroup that you want the print server associated with in this field.

#### **AppleTalk**

Enter the AppleTalk Zone name in the box. In the following options, enter the related configuration, such as the printer type.

<u>Chooser Name</u>: Display the print server's port name.

Printer Type: Enter the printer's type in this box.

PostScript Level: Select from the drop-down list (Level 1 or Level 2).

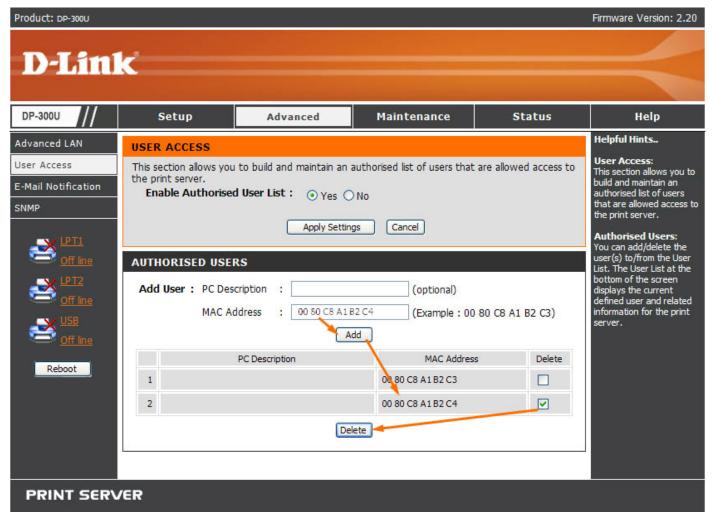
Font Group: Select from the drop-down list.

Once you have changed the settings in each option, click **Apply Settings** to store the settings, or **Cancel** to abandon.

# ADVANCED > User Access

The User Access screen allows you to create and maintain an authorized list of

users that are allowed to access the print server.



#### **User Access**

By configuring the **Enable Authorised User List** option (**Yes**), the user in the User List is permitted to access the print server. Any user who is not added in the User List will not be allowed to access the print server. Once you have changed the settings in each option, click **Apply Settings** to store the settings, or **Cancel** to abandon.

#### **Authorised Users**

You can add or delete any user to or from the User List at the bottom of the screen. It displays the current defined user and related information for the print server.

## **ADVANCED > E-Mail Notification**

The **E-Mail Notification** screen allows you to assign an e-mail address to the print server, so that your mail of the account can be printed out directly through the printer (ASCII text only). This screen also allow you choose where to send an email when the printer status changes.

Product: DP-300U					Firmware Version: 2.20
D-Lini					
DP-300U	Setup	Advanced	Maintenance	Status	Help
Advanced LAN	E-MAIL				Helpful Hints
User Access E-Mail Notification SNMP		print a hard copy of this e	an email when the printer s mail, and also the email acc		Enable E-mail Notification: You can set the print server to send an alert message when the printer
SNMP	ENABLE E-MAIL NO	DTIFICATION			status changes through E- mail. To enable this
off line	En	able e-mail notification	: OYes ONo		function, set the Enable e-mail notification option to <i>Yes</i> . Then, input
Off line	Dest	tination e-mail Address	Use ';' to separate mu	ltiple e-mail address)	the administrator's E-mail address in the Destination e-mail Address box.
		Apply Settin	lgs Cancel		E-mail Account Details:
Off line Reboot	E-mail test will send an Do you want to test a	n e-mail to Destination ad an e-mail account?	dress. Test	]	You can assign an E-mail address to the print server, so that you can send an alert message
	E-MAIL ACCOUNT	DETAILS			when the printer status changes through SMTP server.
	Print	t Server E-mail Address	:		E-mail Printing:
		(POP3) Server Address			E-mail Printing (ASCII Text Only) : Select <i>Enable</i> to enable the E-mail printing
		(SMTP) Server Address Account (POP3) Name			function.
	2.2	ount (POP3) Password			
		Apply Settin	Igs Cancel		
	E-MAIL PRINTING	(TO LPT1 PORT)			
	E-mail Prir	nting (ASCII Text Only)	: O Enable O Disable		
		Check E-mail Interval	15 (minute	es)	
		Apply Settin	igs Cancel		
PRINT SERV	ÆR				

# **Enable E-mail Notification**

You can set the print server to send an alert message when the printer status changes through e-mail. To enable this function, click **Yes** in **Enable e-mail notification**. Then, input the administrator's e-mail address in the **Destination e-mail Address** box.

# E-mail Account Details

You can assign an e-mail address to the print server, so that your mail of the account can be printed out directly through the printer (ASCII text only). To enable this function, enter the e-mail account in the **Print Server E-mail Address** box. Then, enter the server address, used to receive your e-mail in the **Incoming E-mail (POP3) Server Address** box. For **Outgoing E-mail (SMTP) Server Address** field, enter the server address that is used to send your e-mail. If your mail server needs to verify the user when sending e-mail, Print Server will apply the **E-mail Account (POP3) Name** and **E-mail Account (POP3) Password** to the mail server.

# E-mail Printing (To LPT1 Port)

This section is for you to do e-mail Printing configuration, including:

<u>E-mail Printing (ASCII Text Only)</u>: Allows you to enable or disable the E-mail printing.

<u>Check E-mail Interval</u>: Allow you to set up a time interval in minute in order to check/receive E-mail periodically.

After done the configuration, click **Apply Settings** to restore the new configuration, or **Cancel** to abandon.

## ADVANCED > SNMP

The **SNMP** screen allows you to use SNMP (Simple Network Management Protocol) to manage complex networks.

#### **SNMP** Management

<u>Community 1/2/3</u>: Enter a name in the **Name** box, and configure the **Access Right** by selecting **Read Only** or **Read/ Write** from the drop-down list.

Product: DP-300U					Firmware Version: 2.20
D-Linl	ĸ				$\prec$
DP-300U	Setup	Advanced	Maintenance	Status	Help
Advanced LAN User Access E-Mail Notification SNMP UPT1 Off line UPT2 Off line USB Off line Reboot	SNMP MANAGEME	nunity 1 Name : public Access Right : Read/ nunity 2 Name :	Write V Dnly V		Helpful Hints SNMP (Simple Network Management Protocol) is a set of protocols for managing complex networks.
PRINT SERV	/ER				Çu

#### MAINTENANCE > Password

The **Password** screen allows you to change the password of the print server by entering the current password in **Current Password** and new password in **New Password** and **Confirm Password**. After done the configuration, click **Apply Settings** to enable and restore the new password, or **Cancel** to abandon. Be aware that the default password of the print server is blank.

Product: DP-300U					Firmware Version: 2.20
D-Lin	k				$\prec$
DP-300U	Setup	Advanced	Maintenance	Status	Help
Password Save/Restore Settings Firmware Upgrade Diagnostics Diagnostics LPT1 Off Ine Off Ine USB Off Ine Reboot	SET PASSWORD ( To change the print s password twice.			then the new	Helpful Hints Set Password: Click <i>Apply Settings</i> to set new password .
PRINT SER\	/ER				-14 -

#### **MAINTENANCE > Save/Restore Settings**

The Save/Restore Settings screen not only allows you to save the current configuration in a computer for backup by clicking Save in Save Settings to Local Hard Drive, but also allows you to reload a configuration that you saved before by clicking Browse to direct to the backup file, and then clicking Update Settings for reloading. Beside, you are also allowed to return the print server to the default settings by clicking Restore Device in Restore to Factory Default Settings.

Product: DP-300U					Firmware Version: 2.20
D-Lini	¢				$\prec$
DP-300U	Setup	Advanced	Maintenance	Status	Help
Password Save/Restore Settings	SAVE/RESTORE SI This menu allows you t		guration and restore it bac	k when necessary.	Helpful Hints Save/Restore Settings: Click <i>Save</i> to backup your
Firmware Upgrade	SAVE/RESTORE CO	ONFIGURATION			current configuration of the print server to file and
Diagnostics	Save Settin	gs to Local Hard Drive	: Save		then save in the computer.
Off line		From Local Hard Drive ctory Default Settings	Update Settings	Browse	You can reload a configuration that you saved before. Click <b>Browse</b> to point to the backup file, and then click <b>Update Settings</b> .
USB Off Ine					
Reboot					
PRINT SERV	/ER				

## **MAINTENANCE > Firmware Upgrade**

The **Firmware Upgrade** screen displays you the current firmware's information of the print server, and also allows you to upgrade the firmware of the print server when a new version of firmware is available.

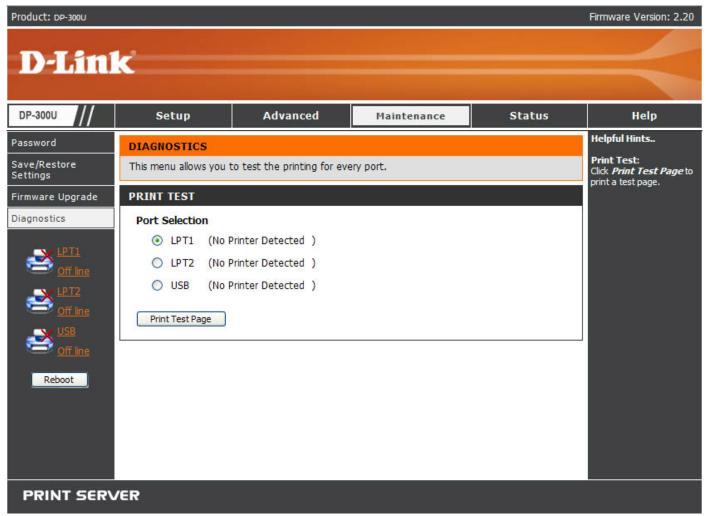
Click **Browse** to point to the firmware file, and then click **Upgrade**.

Product: DP-300U					Firmware Version: 2.20
D-Linl	ĸ				$\prec$
DP-300U	Setup	Advanced	Maintenance	Status	Help
Password Save/Restore Settings Firmware Upgrade Diagnostics	Link technical support. FIRMWARE INFOR Firm FIRMWARE UPGRA Note: Some firmwar performing an upgra Maintenance->Save To Upgrade the firm Upgrade button.	MATION MATION Mware Version : 2 Release Date : 2 NDE re upgrades reset the con ade, be sure to save the	is print server unless instru 2.20 2007-11-16 2 figuration options to factor 2 urrent configuration from t 2 the firmware upgrade file, 2 Brows 2 grade	y defaults. Before the and click the	Helpful Hints Firmware Upgrade: When a new version of firmware is available (e.g. downloading from the D- Link website), you can upgrade the firmware of your print server. Click <i>Browse</i> to point to the firmware file, and then click <i>Upgrade</i> .
PRINT SERV	/ER				

#### **MAINTENANCE > Diagnostics**

The **Diagnostics** screen allows you to test the printing for LPT/USB port of the

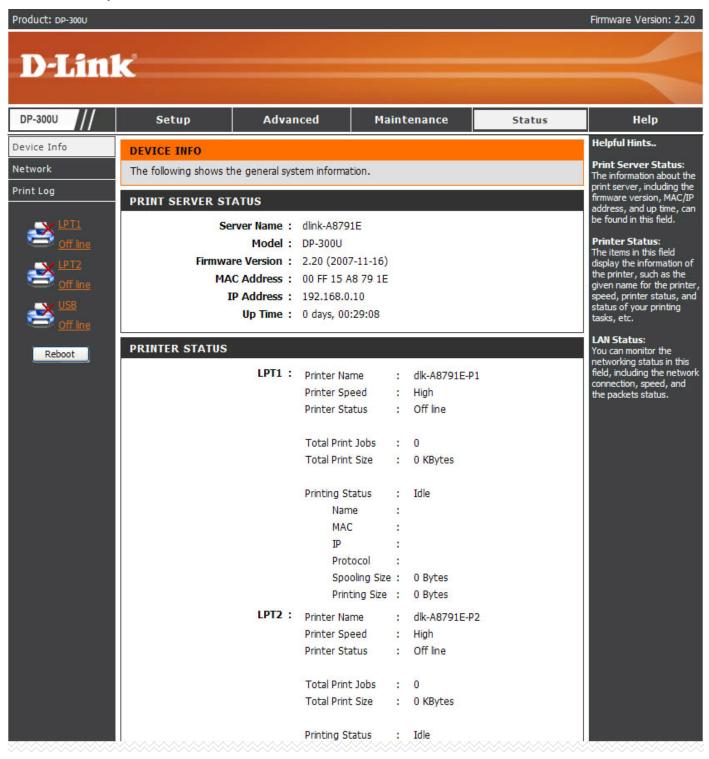
print server. After selecting a port, click **Print Test Page** to print a test page.



## STATUS > Device Info

The Device Info screen displays the status of your print server, printer, and

network for your reference.



#### **Print Server Status**

This field displays the information of the print server about the firmware version, MAC/IP address, and up time.

#### **Printer Status**

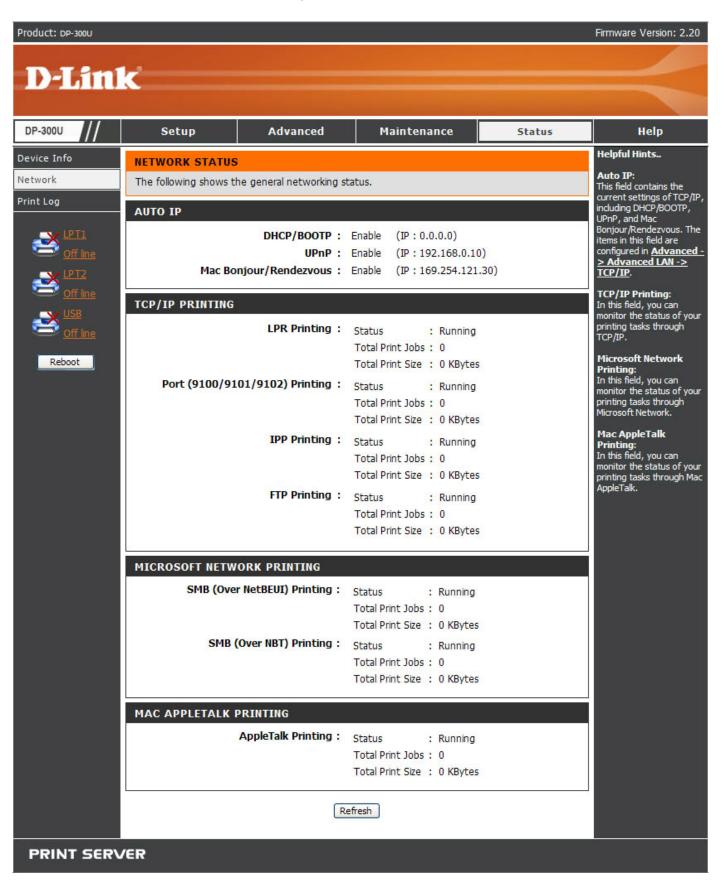
The items in this field display the information of the printer, such as the given name for the printer, speed, printer status, and status of your printing tasks, etc.

#### **LAN Status**

You can monitor the networking status in this field, including the network connection, speed, and the packets status.

#### STATUS > Network

The Network screen displays the general Network status of your print server.



## Auto IP

This field contains the current settings of TCP/IP, including DHCP/BOOTP, UPnP, and Mac Bonjour/Rendezvous. The items in this field are configured in **Advanced** 

# $\rightarrow$ Advanced LAN $\rightarrow$ TCP/IP.

# **TCP/IP Printing**

In this field, you can monitor the status of your printing tasks through TCP/IP.

# **Microsoft Network Printing**

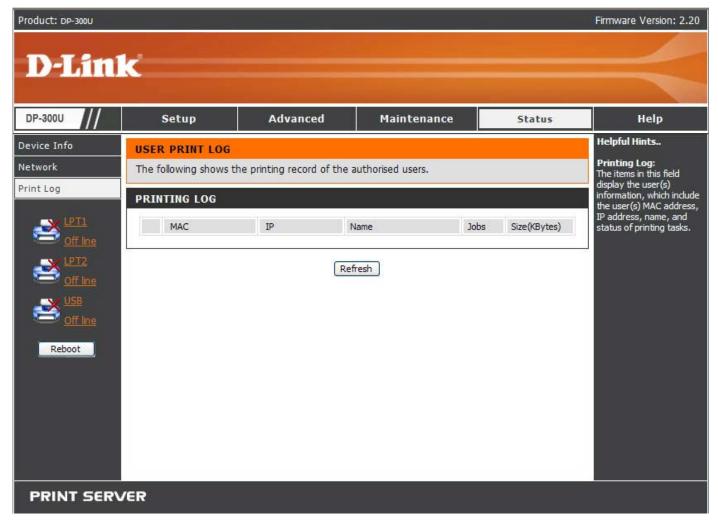
In this field, you can monitor the status of your printing tasks through Microsoft Network.

# Mac AppleTalk Printing

In this field, you can monitor the status of your printing tasks through Mac AppleTalk.

# **STATUS >Print Log**

The Print Log screen displays the printing record of the authorized users.



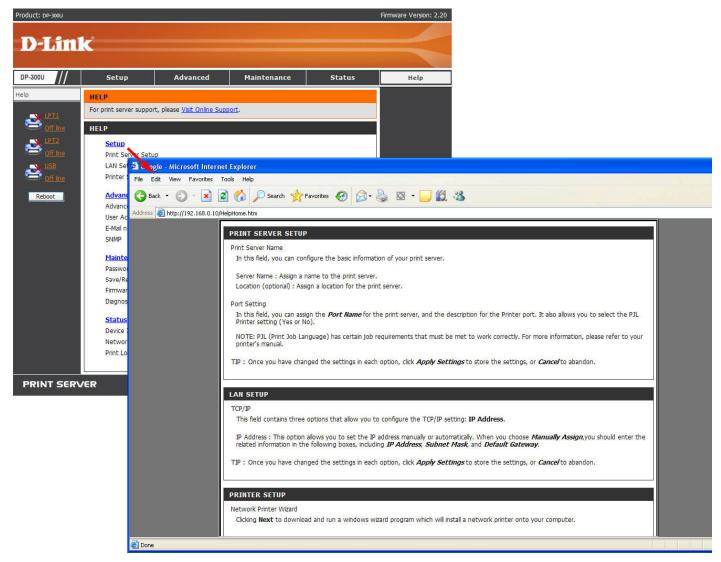
#### **Print Log**

The items in this field display the user(s) information, which include the user(s) MAC address, IP address, name, and status of printing tasks.

#### HELP

#### The Help screen provides you brief information about the print server for your

reference.



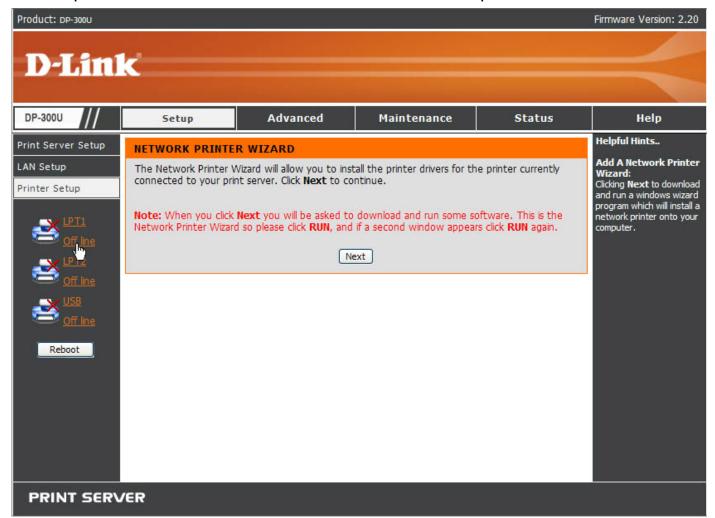
## Reboot

#### If you want to reset the print server, you may just click Reboot for restarting.



#### **Refresh Printer Status**

Click a port name to refresh the status of the connected printer.

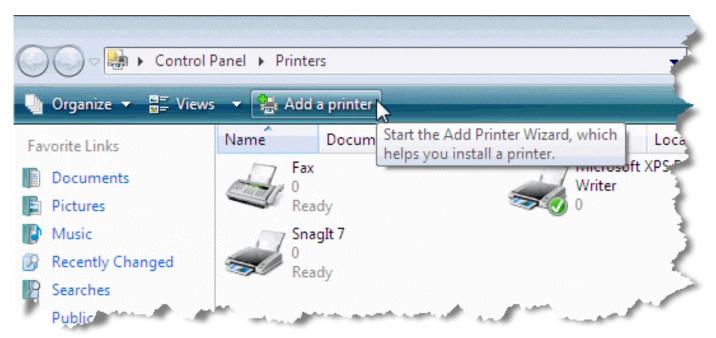


# **TCP/IP Printing for Windows Vista**

# Go to Start → Control Panel → Printers.

Internet	
Solution Internet Explorer	
E-mail Windows Mail	admin
Welcome Center	Documents
Windows Ultimate Extras	Pictures
× .	Music
Paint	Games
Windows Update	Search
Command Prompt	Recent Items
Windows Media Player	Computer
🤭 Windows Media Center	Network
Windows Meeting Space	Connect To
Windows DVD Maker	Control Panel
	Default Programs
All Programs	Help and Support
tart Search	

#### Click Add a printer.



Select the first option, Add a local printer, and then click Next.

ھ 😔	Add Printer
Ch	oose a local or network printer
1	Add a local printer Use this option only if you don't have a USB printer. (Windows automatically installs USB printers when you plug them in.)
4	Add a network, wireless or Bluetooth printer Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on.
	Next Cancel

Select the second option, **Create a new port**, and highlight **Standard TCP/IP Port** from the pull-down menu. Click **Next**.

		×
🚱 🖶 Add Printer		
Choose a printer port	t	
A printer port is a type of conn printer.	ection that allows your computer to exchange information with a	
O Use an existing port:	LPT1: (Printer Port)	-
Oreate a new port:		
Type of port:	Standard TCP/IP Port	-
	Local Port Standard TCP/IP Port	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	Next Cano	cel

Type the IP address of the print server (e.g. 10.62.31.15 used in this manual), which can be referred from the **PRINTER SERVER STATUS** of the print server's Web configuration, and then the Port Name will automatically be filled in. Click

Next

0	🖶 Add Printer		
	Type a printer hostna	me or IP address	
	Device type:	TCP/IP Device	▼.
	Hostname or IP address:	10.62.31.15	
	Port name:	10.62.31.15	
	Query the printer and auton	natically select the driver to use	
			Next Cancel

Product: DP-300U	k						Firmware Version: 2.20
DP-300U	Setup	Advan	iced I	Maint	enance	Status	Help
Device Info	DEVICE INFO						Helpful Hints
Network	The following shows	the general syst	em information.				Print Server Status:
Print Log							The information about the print server, including the firmware version, MAC/IP
	PRINT SERVER S	STATUS					address, and up time, can
		Server Name :					be found in this field.
Off line	22/100	Model :	CENTRE FOR ALLEY				Printer Status: The items in this field
LPT2	Construction of the second sec		2.20 (2007-11-1	1			display the information of the printer, such as the
Off line	M	-	00 FF 15 A8 79	-			given name for the printer
USB			10.62.31.15 (Ma	1			speed, printer status, and status of your printing
Off line		Up lime :	0 days, 00:00:24	ł			tasks, etc.
Reboot	PRINTER STATU	s					LAN Status: You can monitor the
		LPT1 :	Printer Name		dlk-1A2AAA-P1		networking status in this field, including the network
			Printer Speed	-	High		connection, speed, and the packets status.
			Printer Status	:	Off line		
			Total Print Jobs	:	0		
			Total Print Size	:	0 KBytes		

#### Select Custom and click Settings.

	ort Information Required
The device is no	t found on the network. Be sure that:
<ol> <li>The device is</li> <li>The network</li> <li>The device is</li> </ol>	
	on the previous page is correct.
	perform another search on the network. If you are sure the address is correct.
the address and	
the address and select the device	perform another search on the network. If you are sure the address is correct

Then the follow screen will shows up, select LPR from the Protocol field.

Then enter the Queue Name, which can be referred from PRINTER STATUS of

the print server's Web configuration, in the LPR Settings field. Click OK.

ort Settings				
Port Name:		10.62.31.15		
Printer Name or IP Address:		10.62.31.15		
Protocol				
© <u>R</u> aw		● LPR		
Raw Settings				
Port Number:	910	00		
LPR Settings				
<u>Q</u> ueue Name:	dlk-	-1A2AAA-P1		
LPR Byte Count	ing Enable	ed		
SNMP Status Er	abled			
Community Name:	publ	lic		
SNMP <u>D</u> evice Inde	1.			
STAME Device Inde	1			

D-Lit	ık						Firmware Version: 2.2
DP-300U	Setup	Advan	ced M	laint	enance	Status	Help
Device Info	DEVICE INFO						Helpful Hints
letwork	The following shows	s the general syste	em information.				Print Server Status: The information about the
rint Log							print server, including th firmware version, MAC/I
	PRINT SERVER S	STATUS					address, and up time, ca be found in this field.
	12	Server Name :					
Off line	-	Model :	TAN THE REAL	- >			Printer Status: The items in this field
	the second s		2.20 (2007-11-10 00 FF 15 A8 79 1				display the information the printer, such as the
Off line			10.62.31.15 (Ma	-			given name for the prin speed, printer status, a
Off line			0 days, 00:00:24				status of your printing tasks, etc.
Reboot	PRINTER STATU	S					LAN Status: You can monitor the
		LPT1 :	Printer Name	:	dlk-1A2AAA-P1		networking status in this field, including the netwo
			Printer Speed	:	High		connection, speed, and the packets status.
			Printer Status	:	Off line		
			Total Print Jobs	:	0		
			Total Print Size		0 KBytes		

Highlight the printer, as shown. If the desired printer is not on the list, click Have Disk and insert the printer driver disk that came with your printer to install the printer drivers.

Click Next

🚱 🖶 Add Printer
Install the printer driver Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manufacturer       Printers         Generic       HP LaserJet 4/4M PS         Gestetner       HP LaserJet 4/4M PS (300 dpi)         HP       HP LaserJet 4000 Series PCL 5         IBM       HP LaserJet 4000 Series PCL 6         This driver is digitally signed.       Windows Update         Tell me why driver signing is important
Next Cancel

#### Click Next.

0	🖶 Add Printer		<b>—</b> ———————————————————————————————————
	Type a printer	name	
	Printer name:	HP LaserJet 4000 Series PCL 5	
		Set as the default printer	
	This printer will be in	stalled with the HP LaserJet 4000 Series PCL 5 driver.	
		Next Can	cel

After clicked **Print a test page**, a small dialogue box will show up as below. Click **Close**.

¢	ھ (ج	Add Printer	<b>×</b>
	Yo	u've successfully added HP LaserJet 4000 Sei	ries PCL 5
	a tes	ee if the printer is working correctly, or to see troubleshooting in st page. Print a test page	formation for the printer, print
1	HP Lase	rJet 4000 Series PCL 5	
	Z	A test page has been sent to your printer	
		This test page briefly demonstrates the printer's ability to print graphics and text, and it provides technical information about the printer. Use the printer troubleshooter if the test page does not print correctly. <u>Troubleshoot printer problems</u>	Finish Cancel
		Close	

# Click Finish.

💮 🖶 Add Printer
You've successfully added HP LaserJet 4000 Series PCL 5
To see if the printer is working correctly, or to see troubleshooting information for the printer, print a test page.
Print a test page
Finish Cancel

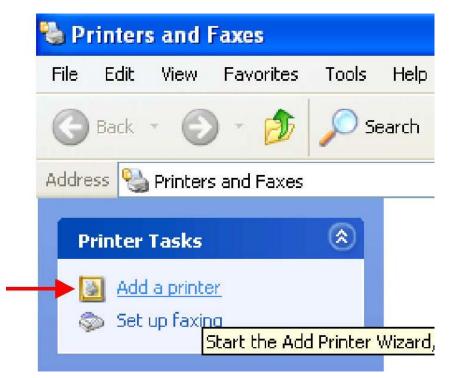
The printer is now ready for printing with Windows Vista on your network.

🖉 💭 🗢 🛃 🕨 Contro	I Panel 🕨 Printers			<ul> <li>✓ ✓ ✓</li> <li>Sec</li> </ul>	arch
🎍 Organize 👻 🚆 Viev	vs 🔻 😫 Add a printer 📇	See what's pri	nting 🛛 🚆 Select j	printing prefere	nces
Favorite Links	Name Documents	Status	Comments	Location	Mode
Documents	Fax		HP Laser	Jet 4000 Series	PCL 5
Pictures	Ready		Ready	$\searrow$	
Music 🖉	Microsoft XPS Doo	cument	SnagIt 7		
Recently Changed	Writer 0	ł	Ready		
Searches					
Public 🛶 🛶					

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#### **TCP/IP Printing for Windows XP**

Go to Start → Printers and Faxes → Add a Printer.



When the following screen shows up, click Next.



# Select the first option, Local printer attached to this computer, and click Next.

Add Printer Wizard	2 2 3 5 7
<b>Local or Network Printer</b> The wizard needs to know which type of printer to set up.	
Select the option that describes the printer you want to use	
Local printer attached to this computer	
Automatically detect and install my Plug and Play print	er
$\subseteq$ A network printer, or a printer attached to another compute	er
To set up a network printer that is not attached to a puse the "Local printer" option.	print server.
< <u>B</u> ack	<u>N</u> ext > Cancel

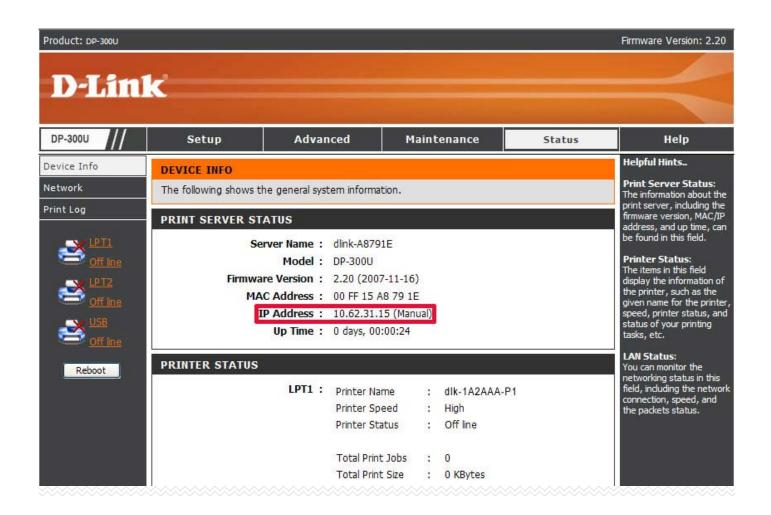
Select the second option, Create a new port, and highlight Standard TCP/IP

Port from the pull-down menu. Click Next.

new port.	our printer to use. If the port is not listed, you can create a
$\bigcirc$ Use the following port:	LPT1: (Recommended Printer Port)
	use the LPT1: port to communicate with a local printer. port should look something like this

Type the IP address of the print server (e.g. 10.62.31.15 used in this manual), which can be referred from the **PRINTER SERVER STATUS** of the print server's Web configuration, and then the Port Name will automatically be filled in. Click

xt d Standard TCP/IP Printer Por	t Wizard	1 10
Add Port For which device do you want	to add a port?	
Enter the Printer Name or IP a	ddress, and a port name for the desired device.	
Printer Name or IP <u>A</u> ddress:	10.62.31.15	
<u>P</u> ort Name:	IP_10.62.31.15	
		Cancel
	< <u>B</u> ack <u>N</u> ext >	Lancel



Select Custom and click Settings.

Add Standard T	CP/IP Printer Port Wi	zard		×
	t Information Required could not be identified.			
1. The device is 2. The address Either correct the	vice is of unknown type. By properly configured, on the previous page is corr address and perform anoth page or select the device typ	ect. her search on the net		the
Device Type				
◯ Standard	Generic Network Card			*
Custom	Settings			
		< Back	Next >	Cancel

Then the follow screen will shows up, select LPR from the Protocol field. Then enter the Queue Name, which can be referred from PRINTER STATUS of the print server's Web configuration, in the LPR Settings field. Click OK.

Configure Standard TCI	P/IP Port Monitor	?
Port Settings		
Port Name:	IP_10.62.31.15	
Printer Name or IP Address	× 10.62.31.15	
Protocol Raw	⊙ LPR	
Raw Settings Port Number:	515	
LPR Settings Queue Name:	dlk-1A2AAA-P1	
LPR Byte Counting E	nabled	
SNMP Status Enable	d	
Community Name:	public	
SNMP Device Index:	1	
	ОК	Cancel

Product: DP-300U							Firmware Version: 2.20
D-Lin	12						
DP-300U	Setup	Advan	ced M	laint	tenance	Status	Help
Device Info	DEVICE INFO						Helpful Hints
Vetwork	The following show	s the general syst	em information.				Print Server Status: The information about the
rint Log	PRINT SERVER	CTATUC					print server, including the firmware version, MAC/IP
							address, and up time, car be found in this field.
	1	Server Name : Model :					Printer Status:
	Firmy		2.20 (2007-11-16	5)			The items in this field display the information o
Off line	1900 Barrier		00 FF 15 A8 79 1				the printer, such as the given name for the printe
		IP Address :	10.62.31.15 (Mar	nual)			speed, printer status, ar
Off line		Up Time :	0 days, 00:00:24				status of your printing tasks, etc.
Reboot	PRINTER STATU	s					LAN Status: You can monitor the
Reboot		LPT1 :	Printer Name	176	dlk-1A2AAA-P1	1	networking status in this field, including the netwo
		-	Printer Speed	:	High		connection, speed, and the packets status.
			Printer Status	:	Off line		
			Total Print Jobs	:	0		
			Total Print Size	:	0 KBytes		

### Click Next.

	t Information Required could not be identified.	1
1. The device is	vice is of unknown type. Be sure that: properly configured. on the previous page is correct.	
	e address and perform another search on the network page or select the device type if you are sure the add	
Device Type		
Device Type	Generic Network Card	
	Generic Network Card	

## Click Finish.

Add Standard TCP/IP Prin	ter Port Wiz	ard	X
	TCP/IP	ting the Add Standard Printer Port Wizard ected a port with the following characteristics.	
	SNMP: Protocol:	No LPR, dlk-1A2AAA-P1	
8.0° 8	Device:	10.62.31.15	
	Port Name:	IP_10.62.31.15	
	Adapter Type:		
	To complete t	his wizard, click Finish.	
		< Back Finish Cancel	

Highlight the printer, as shown. If the desired printer is not on the list, click Have Disk and insert the printer driver disk that came with your printer to install the printer drivers.

Click Next

Add Printer Wizard Install Printer Softwar The manufacturer an	773	which printer software to use.	
	isk. If your printer is	your printer. If your printer came w not listed, consult your printer doc	
Manufacturer Fujitsu GCC Generic Gestetner HP TOM This driver is digitally sign <u>Tell me why driver sign</u>	The Line of the Li	aserJet 3200 Series PCL aserJet 3200 Series PS aserJet 4 aserJet 4000 Series PCL secrIet 4000 Series PCL Window: Update	▲ ■ ■ <u>H</u> ave Disk
		< Back	Cancel

At this screen, you can input a name for the printer, and then click Next

d Printer Wizard	
Name Your Printer You must assign a name to this printer.	
name combinations of more than 31 chara possible.	me programs do not support printer and server acters, it is best to keep the name as short as
Printer name:	
HP LaserJet	
Do you want to use this printer as the def	ault printer?
○ No	
	< <u>B</u> ack <u>N</u> ext > Cancel

Select Yes to print a test page, click Next.

Add Printer Wizard			
<b>Print Test Page</b> To confirm that the printer is installed prope	rly. you can print	atest page.	
Do you want to print a test page?			
<ul> <li>Yes</li> </ul>			
○ No			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

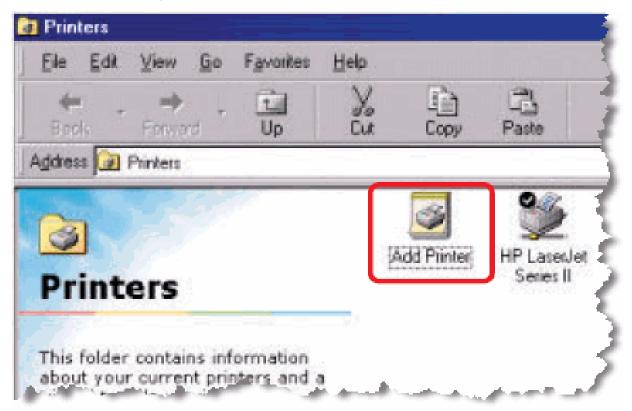
Click **Finish**. The printer is now ready for printing with Windows XP on your network.

Add Printer Wizard		
	Comple Wizard	ting the Add Printer
		ccessfully completed the Add Printer Wizard. The following printer settings:
	Name:	HP LaseJei
	Share name:	<not shared=""></not>
	Port:	IP_10.62.31.15
	Model:	HP LaserJet 4000 Series PCL
	Default:	No
	Test page:	No
	To close this	wizard, click Fini\$h.
		< <u>B</u> ack Finish Cancel

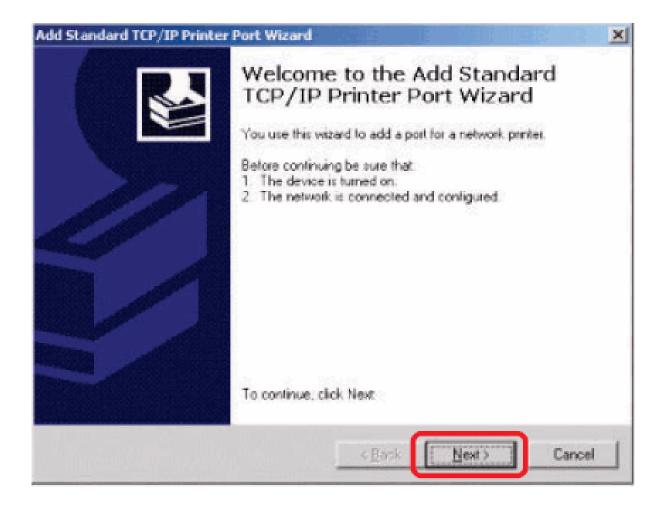


### **TCP/IP Printing for Windows 2000**

Go to Start → Settings → Printers and Faxes → Add a Printer.



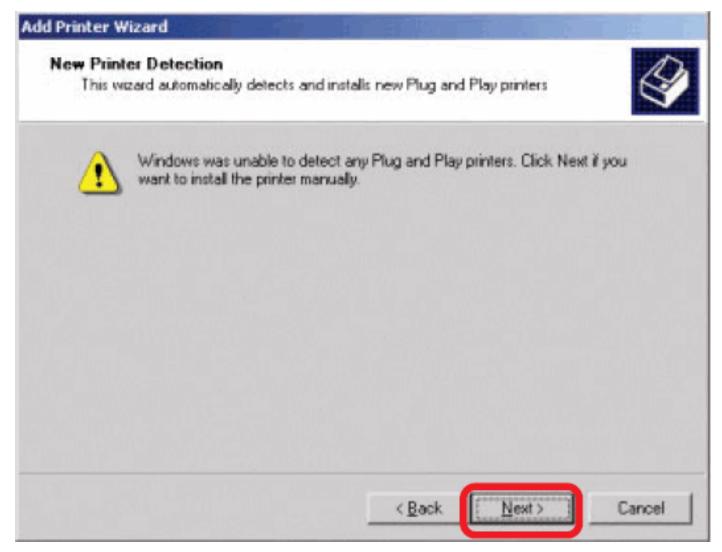
When the following screen shows up, click Next.



# Select the first option, Local printer attached to this computer, and click Next.

ld Printer Wizard	
Local or Network Printer The wizard needs to know which type of	of printer to set up.
Select the option that describes the prin	nter you want to use
Eccal printer attached to this computer	uter
🔲 Automatically detect and install	my Plug and Play printer
A network printer, or a printer attack	ned to another computer
To set up a network printer that use the "Local printer" option.	at is not attached to a print server.
	< <u>B</u> ack Next> Cancel

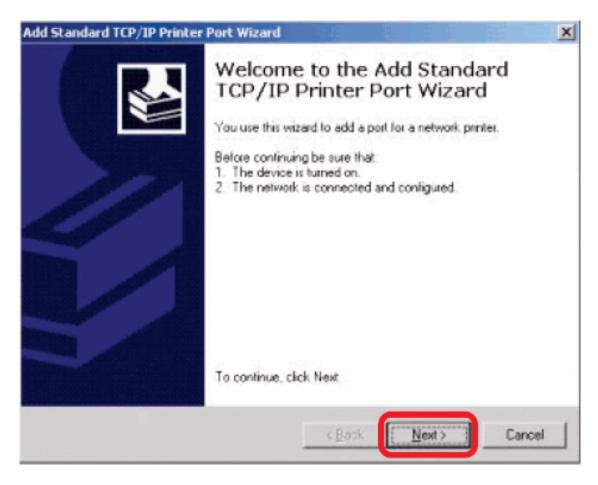
### Click Next.



Select the second option, **Create a new port**, and highlight **Standard TCP/IP Port** from the pull-down menu. Click **Next**.

e			
new port.	you want your printer t	to use. If the part is not listed, y	you can create a
C Use the fo	lowing port		
Port	Description	Printer	-
LPT1: LPT2: LPT3: COM1: COM2: COM3:	Printer Port Printer Port Printer Port Serial Port Serial Port Serial Port		•
Note: Mos	t computers use the LP	T1: port to communicate with a	a local printer.
Ereate a n	Provide the second s	e na ser en ser	
Type:	Standard T	CP/IP Port	•

### Click Next.



Type the IP address of the print server (e.g. 10.62.31.15 used in this manual), which can be checked from the **PRINTER SERVER STATUS** of the print server's Web configuration, and then the Port Name will automatically be filled in. Click

ext	Standard TCP/IP Printer Por	t Wizard	
ļ	Add Port For which device do you want	to add a port?	
	Enter the Printer Name or IP a	ddress, and a port name for the desired device.	
	Printer Name or IP <u>A</u> ddress:	10.62.31.15	
	<u>P</u> ort Name:	IP_10.62.31.15	
		< <u>B</u> ack <u>N</u> ext > Ca	ncel

Product: DP-300U	ĸ						Firmware Version: 2.20
DP-300U	Setup	Advan	iced N	laint	enance	Status	Help
Device Info	DEVICE INFO						Helpful Hints
Network	The following shows	the general syst	em information.				Print Server Status: The information about the
Print Log	PRINT SERVER S						print server, including the firmware version, MAC/IP
Ne LPT1		erver Name :					address, and up time, can be found in this field.
Off line	5	Model :					Printer Status:
	Firmw		2.20 (2007-11-10	5)			The items in this field display the information o
Off line	10-01-01-01		00 FF 15 A8 79 1				the printer, such as the given name for the printer
		IP Address :	10.62.31.15 (Ma	nual)			speed, printer status, an
Off line		Up Time :	0 days, 00:00:24				status of your printing tasks, etc.
Reboot	PRINTER STATUS	1					LAN Status: You can monitor the
		LPT1 :	Printer Name	:	dlk-1A2AAA-P1		networking status in this field, including the netwo
			Printer Speed	:	High		connection, speed, and the packets status.
			Printer Status	:	Off line		фт
			Total Print Jobs	:	0		
			Total Print Size		0 KBytes		

# Select Custom and click Settings.

Add Standard T	CP/IP Printer Port Wi	zard		
	t Information Required could not be identified.			
<ol> <li>The device is</li> <li>The address</li> <li>Either correct the</li> </ol>	vice is of unknown type. B properly configured on the previous page is com address and perform anoth page or select the device ty	ect. her search on the netwo		he
Device Type O Standard O Custom	Generic Network Card			<b>~</b>
		< Back	Next>	Cancel

Then the follow screen will shows up, select LPR from the Protocol field. Then enter the Queue Name, which can be referred from PRINTER STATUS of the print server's Web configuration, in the LPR Settings field. Click OK.

ort Settings				
Port Name:		IP_10.62.31.	15	
Printer Name or IP Addres	88:	10.62.31.15		
Protocol O Raw			⊙ LPR	
Raw Settings				
Port Number:	515			
LPR Settings				
Queue Name:	dik-1A:	2AAA-P1		
LPR Byte Counting	Enabled			
SNMP Status Enabl	led			
Community Name:	public			
SNMP Device Index:	1			

Product: pp-300U							Firmware Version: 2.20
D-Lin	1,-						
DP-300U	Setup	Advan	ced M	1aint	tenance	Status	Help
Device Info	DEVICE INFO						Helpful Hints
letwork	The following show	s the general syst	em information.				Print Server Status: The information about the
Print Log	PRINT SERVER	STATUS		-			print server, including the firmware version, MAC/IP
LPT1	1	Server Name :	dlink-A8791E				address, and up time, car be found in this field.
Off line		Model :	DP-300U				Printer Status: The items in this field
LPT2	Firm	ware Version :	2.20 (2007-11-1	6)			display the information o
Off line	n n	Address :	00 FF 15 A8 79	LE			the printer, such as the given name for the printe
IN USB		IP Address :	10.62.31.15 (Ma	nual)			speed, printer status, an status of your printing
Off line		Up Time :	0 days, 00:00:24				tasks, etc.
Reboot	PRINTER STATU	S					LAN Status: You can monitor the
	\$2	LPT1 :	Printer Name	1	dlk-1A2AAA-P1		networking status in this field, including the netwo connection, speed, and
			Printer Speed	:	High		the packets status.
			Printer Status	:	Off line		
			Total Print Jobs	:	0		
			Total Print Size	:	0 KBytes		

# Click Next.

	CP/IP Printer Port Wizard t Information Required could not be identified.	
The detected de	vice is of unknown type. Be sure that:	
2. The address	properly configured. on the previous page is correct.	l. Kuratusta ta Ma
	e address and perform another search on the network page or select the device type if you are sure the add	
Device Type		
Device Type	Generic Network Card	
	Generic Network Card	
◯ Standard		

## Click Finish.

Add Standard TCP/IP Prin	ter Port Wize	ard	X			
	Completing the Add Standard TCP/IP Printer Port Wizard You have selected a port with the following characteristics.					
	SNMP: Protocol: Device: Port Name: Adapter Type:	No LPR, dlk-1A2AAA-P1 10.62.31.15 IP_10.62.31.15				
	To complete t	his wizard, click Finish. Kancel				

Highlight the printer, as shown. If the desired printer is not on the list, click Have Disk and insert the printer driver disk that came with your printer to install the printer drivers.

Click Next.

Add Printer Wizard Install Printer Softwar The manufacturer an	774	ich printer software to use.	Ś
	isk. If your printer is no software.	our printer. If your printer came w of listed, consult your printer doc	
Manufacturer	Printers		
Fujitsu	the second se	erJet 3200 Series PCL	
GCC Generic		erJet 3200 Series PS	
Gestetner	😽 HP Las	erJet 4	
HP		erJet 4000 Series PCL	
Том		ar lak X000 Carias DCLC	
This driver is digitally sig <u>Tell me why driver signi</u>		<u>W</u> indow≉ Update	<u>H</u> ave Disk
		< <u>B</u> ack	Cancel

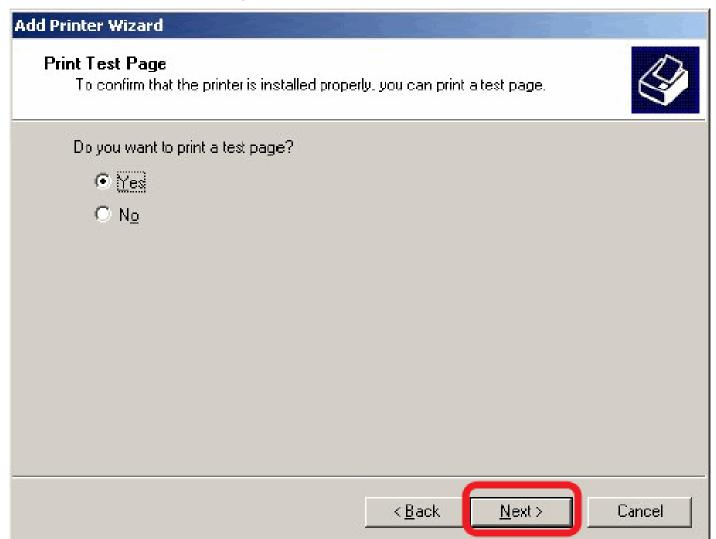
At this screen, you can input a name for the printer, and then click Next

d Printer Wizard			
Name Your Printer You must assign a name for this printer.			Ś
Supply a name for this printer. Some progra combinations of more than 31 characters.	ms do not suppor	t server and print	er name
Printer name: HP LorenJet Series II			
	< Back	Next>	Cancel
	a Mathur	Titoury	

Select the first option, **Do not share this printer**, and click **Next**.

Add Printer Wizard	
Printer Sharing You can share	this printer with other network users.
	er you want this printer to be available to other users. If you share this st provide a share name.
Do not sha	re this printer
C Share as	HPLaserJ
	< <u>R</u> ack <u>N</u> ext > Cancel

Select Yes to print a test page, click Next.



Click **Finish**. The printer is now ready for printing with Windows 2000 on your network.

Add Printer Wizard							
	Completing the Add Printer Wizard						
	You have successfully completed the Add Printer Wizard. You specified the following printer settings:						
1 from a second of g	Name: HP LaserJet						
	Share name: <not shared=""></not>						
	Port: IP_10.62.31.15						
	Model: HP LaserJet 4000 Series PCL						
	Default: No						
	Test page: No						
	To close this	wizard, click Finish.					
		< <u>B</u> ack Finish Cancel					

## **TCP/IP Printing for Windows 98SE/ME**

Go to Start → Settings → Control Panel. Double click on Network, and then click Add.

Network	? ×
Configuration Identification Access Control	
The following network components are installed:	
Client for Microsoft Networks Microsoft Family Logon D Link, DWL-650 11Mbps WLAN Adapter DiaHUp Adapter TCP/IP -> D-Link, DWL-650 11Mbps WLAN Adapter TCP/IP -> Dial-Up Adapter Add	
Primary Network Logon: Microsoft Family Logon	
Elle and Print Sharing	
Description	
OK Cance	я Т

Highlight Client and click Add.

Select Network Component Type	? ×
Click the type of network component you want to install:	Add
Adapter Trotocol Service	Cancel
A client enables your computer to connect to other computers.	

At this window, click **Have Disk**.

Select Network Client	X
Click the Network Cli an installation disk fo	ent that you want to install, then click DK. If you have r this device, click Have Disk.
Manufacturers: Banvan Microsoft Novel	Network Clients:
	Have Disk
	UK Lancel

- 1. Insert the DP-300U CD-ROM into your CD-ROM drive. Select the letter representing the CD-ROM drive on your computer from the pull-down menu.
- 2. Double-click on the folder lpr.
- 3. Highlight Ipr.inf
- 4. Click OK.

Open		? ×
File pame: lpcinf lpcinf 3	Eolders: 4 g:\lpr g:\lpr g: 1pr 2	OK Cancel N <u>e</u> twork
-	~	
1	Drives:	

Click **OK** to accept the location of the file.

Install Fr	om Disk	×
3	Insert the manufacturer's installation disk into the drive selected, and then click OK.	OK Cancel
	Copy manufacturer's files from:	
	G:\LPR	Browse

You should now be back to the Network Properties Page. Highlight LPR for TCP/IP Printing and click Properties.

Network			? ×
Configuration Identifical	ion Access Con	trol	
The following network	components are in	stalled:	
Client for Microsoft			<u> </u>
UPR for TCP/IP Pr Microsoft Family Lo			-
D-Link DWL-650 1	-	apter	
DiaHUp Adapter		5 <sup>7</sup>	
TCP/IP -> D-Link (	WL-650 11Mbps	WLAN Adapter	
<u>A</u> dd	R <u>e</u> move	Proper	rties
Primary Network Logor	ĸ		
Microsoft Family Logo	n		
Eile and Print Shari	na		
Description			
LPR for TCP/IP Print connect to and use t devices that support	he printers connec	sted on the Print	
			a . 1
		OK	Cancel

#### Click Add Port.

LPR for TCP/IP Printing Properties	×
Ports Settings	
Port List	
Add Port	Defete Rott
	OK Cancel

Type in the IP address and Port Name of the print server, which can be referred from the **PRINTER SERVER STATUS** and **PRINTER STATUS** of the print server's Web configuration, in the corresponding field, and then click **OK**. (The IP Address and Port Name here are just for example only.)

IP Address :			
10.62.31.15			
Port Name :			
dk-1A2AAA-P1		_	
JUK-TAZAAA-PT			

roduct: DP-300U					Firmware Version: 2.2
D-Lin					
DP-300U	Setup	Advanced	Maintenance	Status	Help
evice Info etwork rint Log LPT1 Off line LPT2 Off line USB Off line Reboot	PRINT SERVER S	Server Name :         dlink-A87           Model :         DP-300U           vare Version :         2.20 (200           IAC Address :         00 FF 15           IP Address :         10.62.31           Up Time :         0 days, 00	01E 17-11-16) A8 79 1E 15 (Manual) 0:00:24		Helpful Hints Print Server Status: The information about the print server, including the firmware version, MAC/I address, and up time, car be found in this field. Printer Status: The items in this field display the information of the printer, such as the given name for the printer speed, printer status, and status of your printing tasks, etc. LAN Status: You can monitor the networking status in this field, including the networking status of your the networking status in this field, including the networking status of your the printer status of your the networking status of your the printer status of your the networking status of your t
oduct: dp-300U D-Lim	k	Printer Si Total Prir Total Prir	tJobs : O		Firmware Version: 2.2
DP-300U	Setup	Advanced	Maintenance	Status	Help
vice Info twork int Log	DEVICE INFO The following shows	the general system inform	ation.		Helpful Hints Print Server Status: The information about t print server, including t firmware version, MAC/
LPT1 Off Ine Off Ine Off Ine	Firmv	Server Name : dlink-A87 Model : DP-300U vare Version : 2.20 (200 IAC Address : 00 FF 15 IP Address : 10.62.31	7-11-16) A8 79 1E		address, and up time, c be found in this field. <b>Printer Status:</b> The items in this field display the information the printer, such as the given name for the print speed, printer status, a
Off line		Up Time : 0 days, 0			status of your printing tasks, etc.

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Total Print Jobs : 0

: 0 KBytes

Total Print Size

The IP Address and Port Name will be displayed in the following screen. (The IP Address and Port Name here are just for example only.) Click **OK**.

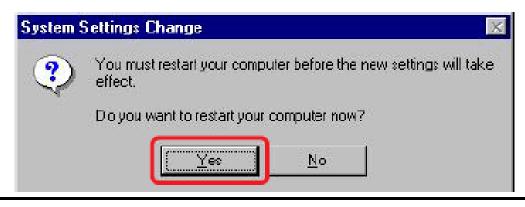
LPR for TCP/IP Printing Properties	×
Ports Settings	_
Port List	
10.62.31.15/dlk-1A2AAA-P1	
Add Port	
OK Cano	el

### Click OK.

Network ? 🗙
Configuration   Identification   Access Control
The following <u>n</u> etwork components are installed:
LPR for TCP/IP Printing
🔜 Microsoft Family Logon
🖳 🛄 Dial-Up Adapter
Intel 21140 based 10/100 mpbs Ethernet Controller
Add Remove Properties
Primary Network Logon:
Microsoft Family Logon
<u>File and Print Sharing</u>
- Description
OK Cancel

Windows will ask for a restart.

### Click Yes.



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Once your computer has rebooted, click on Start  $\rightarrow$  Settings  $\rightarrow$  Printers  $\rightarrow$  Add Printer. When the Add Printer Wizard screen appears, click Next.



#### Select Network Printer and click Next.

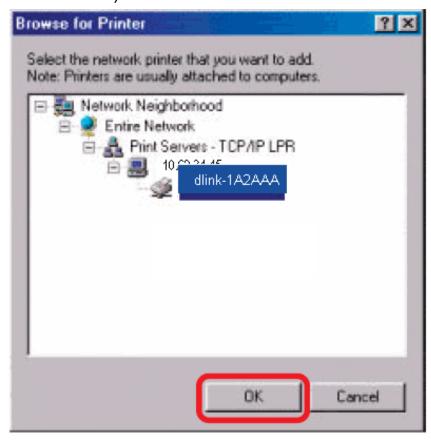
Add Printer Wizard	
	How is this printer attached to your computer? If it is directly attached to your computer, click Local Printer. If it is attached to another computer, click Network Printer © Local printer © Network printer
	< <u>B</u> ack Next> Cancel

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Type in the path if you know it; otherwise, click **Browse**.

Type the network path or the queue name of your printer. If you don't know its name, click Browse to view available network printers. Network gath or queue name:
B <u>r</u> owse Do you print from MS-DOS-based programs? ℃ Yes € <u>N</u> o
 < <u>B</u> ack Next > Cancel

At the following screen, browse for the printer port and highlight the port (e.g. dlink-1D6FA3 in this manual). Click **OK**.



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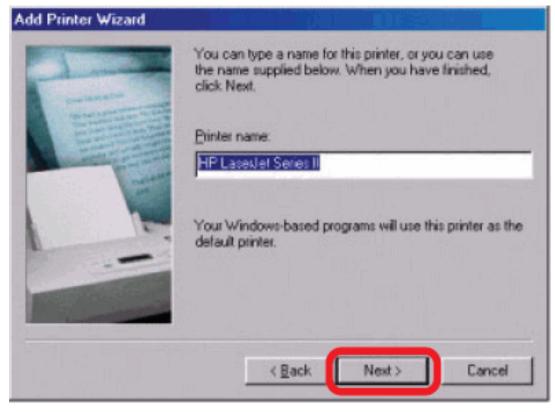
If the network path is not specified, type in the IP Address and Port Name of the print server. Select Yes or No to enable or disable printing from MS-DOS based programs. Click **Next**.

Add Printer Wizard	
	Type the network path or the queue name of your printer. If you don't know its name, click Browse to view available network printers. Network path or queue name:
	W10.62.31.15\dlk-1A2AAA-P1
	Browse Do you print from MS-DOS-based programs? ○ Yes ⓒ No
	< Back Next > Cancel

Highlight the printer, as shown. If the desired printer is not on the list, click Have Disk and insert the printer driver disk that came with your printer to install the printer drivers. Click **Next**.

	, click Have Disk. If your printer is not listed, co for a compatible printer.	nsult your print
Manufacturers:	Printers:	
Fujitsu GCC Generic Gestetner Hermes HP IRM	HP LaserJet IIISi     HP LaserJet IIISi PostScript     HP LaserJet Series II     HP LaserJet IID     HP LaserJet IID     HP LaserJet IIP     HP LaserJet IIP	
		Have Disk

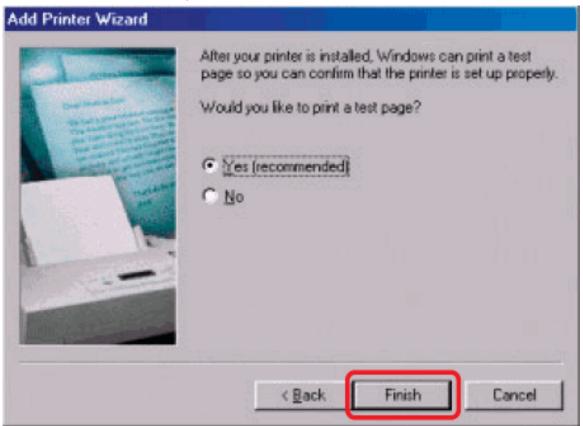
#### Click Next



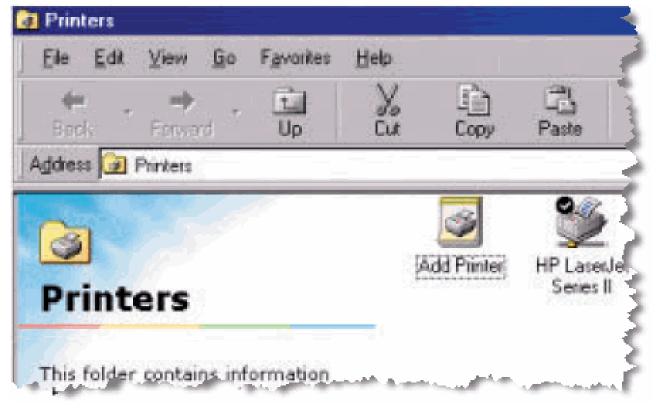
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Select Yes to print a test page. Click Finish.



To check whether the printer is installed, go to **Start → Settings → Printers**.



#### **Unix/Linux Printing**

## **Printing Text Files form Unix**

Text files on Unix systems contain lines that end with "newline" characters, as opposed to MS-DOS and Windows-related operating systems that end with a carriage return followed by a linefeed. Most printers require a carriage return/linefeed pair at the end of each line, making it necessary for some translation to be done before Unix text files can be printed on most printers.

For this purpose, you can define two "printers" for the same printer port, one that prints to the port itself, and one that prints to the port name with \_TEXT added to the name. Files printed to the second port will be translated so that the printer has the carriage return/linefeed pairs that it needs.

For example, you could define a printer **hp5I** that prints to port **PS-142634-P1**, and a printer **hp5It** that prints to port **PS-142634-P1\_TEXT**. Your graphics files could then be printed to the **hp5I** printer, and "raw" text files could be printed to the **hp5It** printer.

## **Printing form BSD Unix Versions**

For "flavors" of the Unix operating system derived from or related to the BSD releases, such as SunOS 4.x, Linux, BSD/OS, FreeBSD, or NetBSD, you can use the following procedure to enable users to print to a printer connected to your D-LINK network print server:

- **1.** Log in as the superuser (root).
- 2. Add an entry for the print server in the host's /etc/hosts file, giving a hostname for the print server's IP address. A line in /etc/hosts contains an IP address and one or more aliases for the host. For example:

#### 202. 39. 74. 40 ps-142634 ps-142634.dlink.com.tw

If you use DNS (the Domain Naming Services protocol), you can add an address record entry to your DNS database for the print server.

- 3. Create a spool directory for the printer:
  - On SunOS systems, create the directory as a subdirectory of /var/spool, with the same name as the printer (e.g., /var/spool/hp5l).
  - ♦ On Linux systems, create the directory as a subdirectory of **/user/spool /lp**.
  - On BSD/OS, FreeBSD, or NetBSD systems, create the directory as subdirectory of /var/spool.
- **4.** Change the owner and permissions of the directory so that it is owned and writable by group daemon, using the following commands:
  - chown bin.daemon /var/spool/hp5l

chmod 775 /var/spool/hp5l

5. Add an entry for the printer to /etc/printcap, similar to the following:

## hp5I:\

:lp=:sd=/var/spool/hp5l :mx#0:\

```
:rm=ps-142634:rp=ps-142634-p1:
```

The meaning of each of the entries is described below. The directory path in the sd spool directory entry should match the directory name you created above. If your entry requires more than one line you can escape the newline with a backslash.

6. Issue the command

#### lpc start hp5l

to start a spool daemon for the printer. The printer will now be available for use.

7. Optionally, add another printcap entry (and issue another lpc start command) for a second printer, using the port\_TEXT port. This second printer name can be used for printing text files.

Entries in **/ect/printcap** begin with a name for the printer or a list of name, separated by | (a vertical bar). The entries used above are:

- Ip= The lp entry is used to specify a local printer device.
   Since the printer is a remote printer, this entry should be blank.
- **sd=dir** The location of the printer's local spool directory.
- mx#blocks The limit for print job files in the local spool directory; 0 means no limit.

- rm=address The host where the remote printer is located, in this case the D-Link print server.
- rp=printer The name of the printer on the remote host.
   For the D-Link print server, the port name should be used.
   Note: this entry is case-sensitive.

## Printing from SCO Unix System V/386

To allow printing to a printer attached to your D-LINK network print server from a SCO Unix System V/386 host.

- **1.** Login as the superuser (root).
- 2. Add an entry for the print server in the host's /etc/hosts file, giving a hostname for the print server's IP address. A line in /etc/hosts contains an IP address and one or more aliases for the host. For example:

#### 202.39.74.40 ps-142634 ps-142634.dlink.com.tw

If you use DNS (the Domain Naming Services protocol), you can add an address record entry to your DNS database for the print server.

3. Change to the /dev directory, and issue the command

#### mkdev rlp

4. The script will ask:

#### Do you want to install or delet remote printing (i/d/q)?

Answer i and press Enter to continue.

5. The script will ask:

# Do you want to change the remote printer description file /etc/printcap (y/n)?

Answer y and press Enter to continue.

6. The script will ask:

#### Please enter the printer name (q to quit):

Enter an alias for the printer on the local machine and press Enter. This name should be the same as the destination port name.

7. Answer r (remote printer) to the question

## Is printer a remote printer or a local printer (r/l)?

8. When prompted with the question:

### Please enter the name of the remote host that printer is attached to:

then enter the address of the D-Link print server. You can use the name you added to /etc/host in the step above.

9. Confirm that your entries are correct.

## Is this correct? (y/n)

10. Answer the question:

## Would you like this to be the system default printer? (y/n)

- **11.** When you are done adding remote printers, enter q for the printer name.
- 12. Answer y to the question

#### Do you want to start remote daemon now (y/n)?

Once remote printing is set up, you can use the **Ip** command to print jobs to the new printer. For more information, consult your SCO Unix documentation.

## **Printing from Solaris**

To allow printing from a Sun Solaris workstation,

- **1.** Log in as the superuser (root).
- 2. Add an entry for the print server in the host's /etc/hosts file, giving a hostname for the print server's IP address. A line in /etc/hosts contains an IP address and one or more aliases for the host . For example:

#### 202.39.74.40 ps-142634 ps-142634.dlink.com.tw

If you use DNS (the Domain Naming Services protocol), you can add an address record entry to your DNS database for the print server.

- 3. In OpenWindows, start the admintool program.
- 4. Click on the Printer Manger icon.
- 5. From the Edit menu, select Add Print, then Add Access to Remote Printer...
- 6. Enter values for the fields as follow:
  - Printer Name This field should contain the name of the printer port you wish to use. The field is case-sensitive.
  - Printer Server This field should contain the IP address of the print server, or the alias name you added in step 2.
  - Printer Server OS This field should be set to BSD.
- 7. Confirm the addition.
- 8. Optionally repeat the addition to add another printer for printing text files, with\_TEXT appended to the port name.

Once you have added the new printer, you can use the **Ip** command to print files to the printer. Consult your Solaris documentation for details.

### **Printing from Red Hat Linux**

## **Adding a Printer**

()

1. Click the printer icon

at the bottom of the desktop.



2. Since no printer is set up so far, a prompt appears asking to run the printer configuration tool.

SNOME Print Manager	- O X	5 
<u>P</u> rinter <u>E</u> dit <u>V</u> iew <u>H</u> elp		
V Question		×
No printers found. Run the printer configu	ration tool	?
X <u>C</u> ancel	₡ <u>о</u> к	
No Printers		

3. Click the OK button in the pop-up dialogue box to open the man Printer

**configuration tool** menu. Note that to use the **Printer configuration tool** you must have root privileges, and to start the application you may also type the command: "redhat-config-printer".



4. Click the **New** button **New** in the **Printer configuration tool** menu.

¥	Printer	configu	ration - I	ocalhost.	localdomaiı	<b>1</b> ////////////////////////////////////	-	X
1111	<u>A</u> ction	<u>T</u> est	<u>H</u> elp					
1111	<b></b>	5 Sebelari 2 Januari 3 Sebelari 2 Januari 5 Sebelari	5		<b>B</b>			
12	New	Edit	Delete	Default	Apply			
Q	ueue na	me 😽 D	efault D	escription				
-								

## **Printer Configuration Tool menu**

5. The Add a new print queue menu appears, click Forward to continue.

🗙 Add a new prii	nt queue 🗖 🗙
Add a ne	w print queue
	On the following screens, you will be asked to provide basic information for adding a new print queue. You will be able to edit the more advanced options afterwards. Nothing will be done to your settings until you hit "Apply" on the last screen.
🔀 <u>H</u> elp	X <u>C</u> ancel ▲ <u>B</u> ack ► <u>F</u> orward

6. Enter a unique name for the printer in the **Name** text field. The printer name cannot contain spaces and must begin with a letter. The printer name may contain letters, numbers, dashes (-), and underscores (\_). Optionally, enter a short description for the printer, which can contain spaces. Then click **Forward** to enter **Queue type** window.

🗙 Add a new print queue		
Queue name		
name that begins with a le Name: printer About	his queue. Choose a short etter and contains no spaces. a description of the printer re easily.	
Short description:		
🔀 <u>H</u> elp	🔀 <u>C</u> ancel <	▶ <u>F</u> orward

7. Select Networked UNIX (LPD) in the Select a queue type pull down menu,

enter the IP address of the print server to which the printer is attached in Server field, and type the port name in queue field. Click Forward to select the type of printer.

Select a queue type:	Networked <u>U</u> NIX (LPD)	*
Server:	Queue:	
10.24.313	Ip	

## 8. Select the printer model.

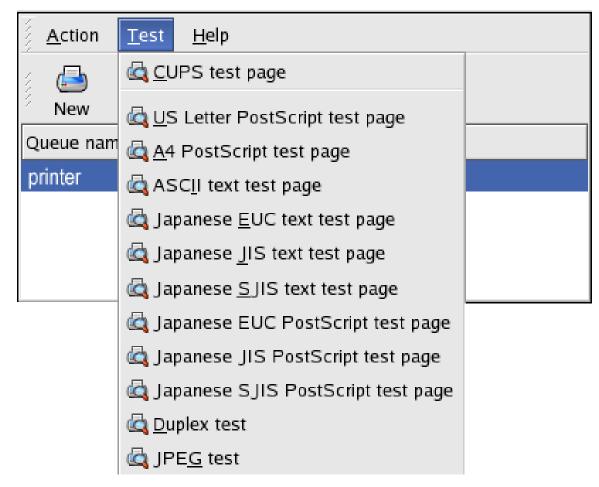
✔ Add a new print queue	
Printer model	
Select the printer manufacturer and model.	<u>N</u> otes
Generic (click to select manufacturer)	Ŧ
Text Only Printer	<b>^</b>
Raw Print Queue	
24-pin 136 Col	
24-pin 80 Col	•
<u>⊗</u> <u>H</u> elp <u>≥</u> ancel <u>≤</u> ancel <u>≤</u> <u>B</u> ack <u>≤</u> <u>S</u> ack <u>≤</u> <u>S</u> ack <u>≤</u> <u>S</u> ack <u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sack     <u>Sack     </u>Sack     <u>Sac</u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>	▶ <u>F</u> orward

If a printer has not been detected automatically, select the model from the list. You can manually select the name of the printer manufacturer from the **Generic (click to select manufacturer)** pull-down menu, and the printer model from the sub-list. Click **Forward** to continue.

✔ Add a new print queue	o ×
Printer model	
Select the printer manufacturer and model.	<u>N</u> otes
HP	<b>±</b>
LaserJet 3200	<b>^</b>
LaserJet 3200m	
LaserJet 3200se	
Laser let 3300 MEP	<b>Y</b>
See <u>Help</u> K Cancel  ■ Back	▶ <u>F</u> orward

9. The last step is to confirm your printer configuration. Click Apply button to confirm or Back button to modify the configuration.

10. Print a test page to make sure the printer is functioning properly. To print a test page, select the printer from the printer list, then select the appropriate test page from the Test drop-down menu.



## Setting up Printing in Mac OS X Tiger (10.4)

## NOTE: Mac OS printing is supported by Postscript printers only!

With Mac OS X Tiger (10.4), you can use Apple Talk, Bonjour, Internet Printing Protocol (IPP), Line Printer Daemon (LPD), and HP Jet Direct-Socket printing through Print Server.



Click on this icon

in your Dock to open your System

Preferences window as below.



Click on the Network icon in System Preferences menu to view the menu below.

Select the Apple Talk tab in the Network menu. Check to select the Make Apple

**Talk Active** option. Click on the **Apply Now** button and close the menu. Apple Talk is now active on the system. Now a printer can be added.

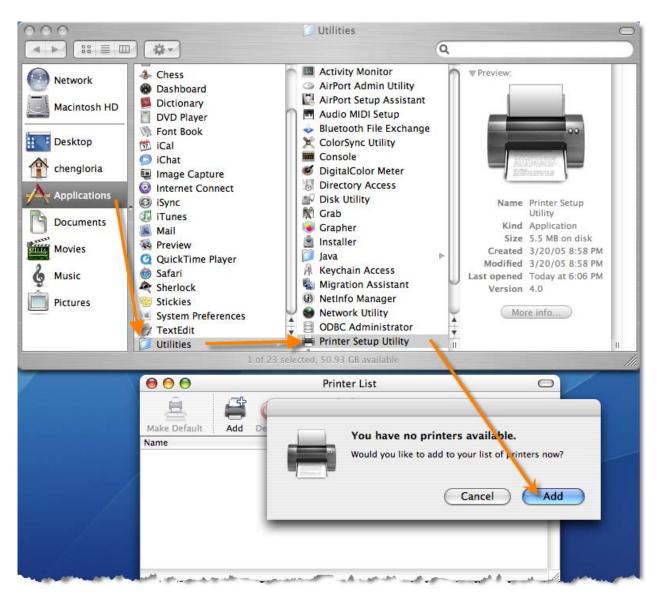
A Now A		Network		
	1		Q	
	Location:	Automatic	•	
	Show:	Built-in Ethernet	•	
	TCP/IP PPPo	DE AppleTalk Proxies	Ethernet	
		Make AppleTalk Active		
Cor	nputer Name:	Chen Gloria's PowerBook G4 (Can be changed in Sharing Prefer		
Ap	pleTalk Zone:	[	× v	
	Configure:	Automatically	\$	
	To choose a zor	ne, first click Apply Now to turn on	AppleTalk.	(?)

#### **Adding a Printer**

Use the **Go** menu at the top tool bar and select **Applications** option and find the **Utilities** folder or open the **Utilities** folder directly in **Go** menu.

Ś	Finder	File	Edit	View	Go	Window	Help	
					Ba	ck		¥[
					Fo	rward		第]
					En	closing Fo	lder	¥†
						Computer		<mark>ዕ</mark> ജር
					1	Home		<b>企業H</b>
					0	Network		ΰжк
					0	iDisk		•
					A	Applicatio	ns	企業A
						Utilities		企業U
					Re	cent Folde	rs	•
					Go	to Folder		ዕ <mark></mark> සር
					Co	nnect to S	erver	ЖК

In the Utilities folder, find and select Printer Setup Utility to open Printer List window. If no printer has been set up on your Macintosh, you will be prompted to add a printer. Click Add button on the pop-up dialogue box to open Printer Browser window.



Mac OS X Tiger (10.4) supports five printing protocols:

- 1. AppleTalk
- 2. Bonjour
- 3. Internet Printing Protocol (IPP)
- 4. Line Printer Daemon (LPD)
- 5. HP Jet Direct Socket

To add an Internet Printing Protocol enabled, Line Printer Daemon enabled or HP



Jet Direct – Socket enabled printer, click on the **IP Printer** button and follow the instructions to add an IP Printer beginning on "Adding an IP printer" session.

#### AppleTalk-enabled or Bonjour-enabled Printers

To add an AppleTalk-enabled or Bonjour-enabled printer, click on the



Default Browser button in the Printer Browser menu.

00	Pri	nter Browser	0
and and a second	4	(Q	
Default Browser	IP Printer	Search	
Printer Name		Connection	
LPT1		AppleTalk	
LPT1		Bonjour	
PS-C0D26A-P2		AppleTalk	
PS-C0D26A-P2	2	Bonjour	
dlk-1A2AAA-P1		AppleTalk	
dlk-1A2AAA-P1		Bonjour	
Name:	dlk-1A2AAA-P1		
Location:	Local Zone		
Print Using:	Auto Select		;
S. S	Opening connectio	n	
?		More Printers Add	

Select the printer model from **Printer Name** list and **Connection** type in the **Printer Browser** menu. The printer name selected should be the same as that appearing listed in the Printer Server's web manager. In the example here, the printer name is dlk-1A2AAA-P1. By default the **Printer Browser** will use the **Auto Select** for **Print Using:** to determine what printer configuration to use. This may also be manually selected in the **Print Using** drop-down menu by brand and model. Click the **Add** button to exit the **Printer Browser** window and implement the new setting.

) 😔 😁 👘	Printer Bro	owser	C
4	<u>e</u>	Q.	_
efault Browser	IP Printer	Search	
Printer Name		Connection	
LPT1		AppleTalk	
LPT1		Bonjour	
PS-C0D26A-P2	!	AppleTalk	
PS-C0D26A-P2	2	Bonjour	
dlk-1A2AAA-P1		AppleTalk	
dlk-1A2AAA-P1		Bonjour	
			5
Name:	dlk-1A2AAA-P1		
Location:	Local Zone		
Print Using:	НР	;	
	Model	*	
	HP LaserJet 2300	1	
	HP LaserJet 2410		
	HP LaserJet 2420		
	HP LaserJet 2430		
	HP LaserJet 3015		
	HP LaserJet 3020 3030		
	HP Laserlet 3200		

The printer that has just been added will show up in the **Printer List** menu, it might take a few seconds depending on network conditions. When the printer

appears listed it is ready for use. Quite the **Printer Setup Utility** and start printing.

Image: Make Default       Image: Make Default<
Name Status Kind
IMP LaserJet 2420

## Adding an IP Printer

To add an Internet Printing Protocol enabled, Line Printer Daemon enabled or HP Jet Direct – Socket enabled printer, click on the IP Printer button in the **Printer Browser** window. Select the desired printing protocol from the **Protocol** drop-down menu.

Printer Browser	
Q.	
⊐ <sup>2</sup>	arch
ernet Printing Protocol – IPP	
e Printer Daemon – LPD Jet Direct – Socket	)
host name or IP address.	
	•
blank for default queue.	
se select a driver or printer model	+
(More Printers)	Add
	ernet Printing Protocol – IPP Printer Daemon – LPD Jet Direct – Socket host name or IP address. blank for default queue.

Type the IP Address of the printer, the name will appear in the **Name** field when the printer is found. The **Printer Browser** will indicate that it is verifying the address. If the printer is found, the **Printer Browser** will state "Valid and complete address" under the **Address** field.

The printer utility is able to detect the printer and may automatically select the

correct printer driver in the **Print Using** field. Or manually select the printer-maker from the **Print Using** drop-down menu, and then select the printer model from the scroll-down list, or select **Generic PostScrip Printer** option from the **Print Using** drop-down menu if the model is not listed. To implement the setting, click **Add** button.

The setup procedures for these three printing protocols (Internet Printing Protocol (IPP), Line Printer Daemon (LPD), and HP Jet Direct – Socket) are basically the same. Illustrated examples are include below for the sake of reference.

#### For set up LPD Printing:

- Enter the IP address of the print server to which the printer is attached in Address field.
- 2. Type the port name in **queue** field.

00	Printer Browser	0
2	(Q-	$\supset$
Default Browser	IP Printer Search	
		_
Protocol	Line Printer Daemon - LPD	
Address	10.13.55.251	
	Valid and complete address.	
Queue	dlk-1A2AAA-P1	
	Leave blank for default queue.	
Name:	10.13.55.251	
Location:		
Print Using:	Generic PostScript Printer	
		_
(?)	More Printers Add	)
		11.

Click **Add** button after done the section of printer model in the **Print Using** drop-down menu.

#### For set up IPP Printing:

- Enter the IP address of the print server to which the printer is attached in Address field. After that, type ": 80" or ": second port" if print server's second port is enabled.
- 2. Type the port name in **queue** field.

000	Printer Browser	0
Default Browser	IP Printer Search	
Protocol	: Internet Printing Protocol – IPP	
Address	: 10.1.32.2 :80 Valid and complete address.	9
Queue	: dlk-1A2AAA-P1	
Name	: 10.1.32.2	
Location		
Print Using	: Generic PostScript Printer	
?	More Printers Add	$\supset$

Click **Add** button after done the section of printer model in the **Print Using** drop-down menu.

#### For set up Socket Printing:

- Enter the IP address of the print server to which the printer is attached in Address field. After that, type ": 9100" for port 1, ": 9101" for port 2 or ": 9102" for port 3.
- 2. Keep the blank in **queue** field.

	Printer Browser	0
ĝ	@ Q-	$ \rightarrow $
Default Browser	IP Printer Search	
Protocol:	HP Jet Direct – Socket	•
Address:	10.62.72.251:9100	-
	Valid and complete address.	_
		-
Queue:		-
	Leave blank for default queue.	
	10.62.72.251	
Location:		
Print Using:	(HP	•
	Model	
	HP Color LaserJet 2550 Series	<u>à</u>
	HP Color LaserJet 3700	
	HP Color LaserJet 4500 v2014.200	
	HP Color LaserJet 4550 v3010.107 HP Color LaserJet 4600 v3010.107	
	HP Color Laserjet 4650	
	HP Color LaserJet 5/5M v2015.104	+
<u> </u>		
?	(More Printers) Ad	bd )

Click Add button after done the section of printer model in the Print Using

drop-down menu.

When the **Installable Options** pop-up window shows up as below, click **Continue** button.

00	Printer Browser	0
1-20		
( in the second	Installable Options	
	10.62.72.251	
full adva	re your printer's options are accurately sho ntage of them. For information on your pr e, check the documentation that came with	inter and its optional
🗌 Tra	y 3 Nafic upp compress adarces.	
Memo	ry Configuration: 64 - 127 MB RAM	•
Du	lex Unit	
Paper	Matching: Prompt User for correct s	iize 🛟
1834		
?	Cancel	Continue
	HP Color LaserJet 4550 v3010.107	
	HP Color LaserJet 4600 v3010.107	
	HP Color LaserJet 4650	×
	HP Color LaserJet 5/5M v2015.104	T
3	More Prin	ters) Add
?)	More Prin	Add

The printer that has just been added will show up in the **Printer List** menu, it might take a few seconds depending on network conditions. When the printer appears listed it is ready for use. Quite the **Printer Setup Utility** and start printing.

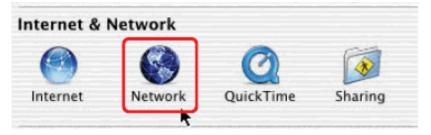


#### Setting up AppleTalk or LPR Printing in Mac OS X

## **NOTE**: Mac OS printing is supported by Postscript printers only!

With Mac OSX you can use AppleTalk or LPR printers using IP protocols for printing through Print Servers.

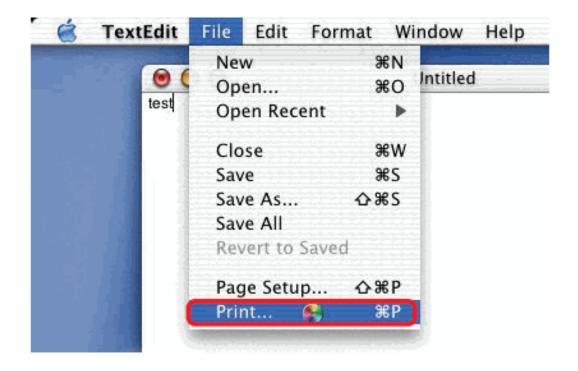
Open your System Preferences window and Click Network.



Select the AppleTalk tab in this window and check Make AppleTalk Active.

00	Network	C
🛋 🗖 💩		
how All Displays Sound N	etwork Startup Disk	
Lo	ation: Automatic	
Show: PCI Ethernet Slot C	1 🗘	
ТСР	IP PPPoE AppleTalk Proxies	
	Make AppleTalk Active	
Computer Na	ne: david chen's Computer (Can be changed in Sharing Preferences)	
AppleTalk Zo	ne: (	
Config	ure: Automatically	
Click the lock to preve		ply Now

To print, open a document and select File  $\rightarrow$  Print from the menu.



Select Edit Printer List from the Printer dialog box.

Printer:	✓ No Printer Selected
Saved Settings:	Edit Printer List 📡 🚺
Copies & Pages	•
Copies: 1	🗹 Collated
Pages: 💿 All	
🔵 From:	1 to: 1

**Click Add Printer** 

000	P	Printer List				
😌 Name	4	Kind	Status			
				i i i i		
	( march	C Add Duint				
	Delete	Add Printe		1		

Select the printing protocol preferred, AppleTalk or LPR Printers using IP. In this example, AppleTalk has been selected.

	ľ	AppleTalk LPR Printer USB	rs using IP	\$	
Nar	me	Directory S	Services		
the second se	1A2AAA-P1		LaserWri	ter	
dik-1	1D6FA3-U1		LaserWri	iter	
🔛 dik-1	ID6FA3-U2		LaserWriter		
1	ID6FA3-P3		LaserWri	ter	
Prin	iter Mod	lel: Auto Se	elect		\$
			(0	ancel	Add

AppleTalk protocol: After selecting AppleTalk, the Port Names of the Print Server

will be displayed. The Port Names shown here are examples only. Click on the Port to which the post-script printer is connected.

00	0	Prin	ter List		
0	Name	4	Kind	Status	
0	dik-182888-P1		LaserWriter		
	dik-1D6FA3-U1		LaserWriter		
	dlk-1D6FA3-U2		lpr host		
	dik-1D6FA3-P3		lpr host		
				K	
		Delete	Add Printer.		1.

Then select the printer model from the dialog box displayed here. Click Add Printer and the Printer Port configuration is completed. Select the Printer Port just configured in the Print window. Click Print to print your document.

LPR Printer's Address: nternet address or DNS name	192.168.0.10	
nternet address or DNS name		
Use Default Queu		
Queue Name: dl	<-1A2AAA-P1	
Printer Model: [	Generic	\$

LPR Printers using IP protocol: When you select LPR Printers using IP Protocol, this window will appear.

Type the IP Address of the Print Server into the LPR Printer's Address field.

In the Queue Name field, enter the Port Name of the post-script printer that is

connected to the Print Server. The Port Name illustrated here is only an example.

Select the printer model from the dialog box.

Click Add and the process are completed.

Close all Print Center windows, select the Printer Port that was just selected. Click Print to print the document.

### Setting up AppleTalk Printing in Mac OS 9

## **NOTE**: Mac OS printing is supported by Postscript printers only!

The AppleTalk network protocol is used with computers using the MacOS operating system. It can be used for network communications over standard Ethernet or Fast Ethernet using the EtherTalk transport, or over a proprietary low-speed LocalTalk transport.

Print server can be used for network printing to PostScript printers. You can print from any MacOS computer connected to your Ethernet network, either directly using an EtherTalk connection, or indirectly through a LocalTalk-to-EtherTalk router.

**NOTE**: The Chooser name of a printer connected to one of the Print Server's ports is the same as its Port Name. If you are using AppleTalk printing, you will need to make sure that every Port Name is unique among all of the network printers in your AppleTalk zone. The Port Names shown in this manual are examples only.

To set up print server so that it can be used for AppleTalk printing:

Make sure the AppleTalk protocol is enabled in your Macintosh.

Make sure the PC's IP Address must correspond with the Print Server's IP Address in the same segment for the two devices to communicate.

Launch the browser and enter print server web interface, select the ADVANCED tab, click Advanced LAN button and then scroll to the bottom to the AppleTalk protocol section

If your AppleTalk network is divided into AppleTalk zones, you will have to specify

which zone the Print Server should be in. You should locate the Print Server in the same zone as most of the users who will be using it. If your network is not divided into zones, the AppleTalk Zone field should contain a single asterisk (\*).

For each Printer Port that will be used for AppleTalk printing, you may need to change the AppleTalk Port Settings in the **Advanced LAN** screen, shown as below.

Product: DP-300U						Firmware Version: 2.20
<b>D-Lin</b>	C					
DP-300U	Setup	Advanced	Maintenar	nce	Status	Help
Advanced LAN	NETWORK SETTING	3				Helpful Hints
User Access	Please do not change	any of the following se	ttings unless instructe	ed to do	so by your network	TCP/IP: If you are using e-mail
E-Mail Notification	administrator.					printing or e-mail notification, you will need
SNMP	TCP/IP					to setup the DNS Server Address. Only if your
LPT1	DNS S	Gerver Address : 1	. 0.0.0.0			network has a DNS Server setup should you enter the
Off line		2	. 0.0.0.0			address into the DNS Server Address box,
JET2		UPnP : 🤇	Enable ODisable			otherwise leave it as 0.0.0.0.
Off line			Enable ODisable			UPnP allows your print server to be discoverable
🛃 USB	Sec		Enable  Oisable			on the network.
Off line			ort Number : 0 For Remote Web Con	figuration	and IPP Printing)	Mac Bonjour/Rendezvous allows your print server to
Reboot		101000				be discoverable on an Apple Mac network.
	MICROSOFT NETW	ORK				
		Workgroup : W	ORKGROUP			
	APPLETALK					
	A	ppleTalk Zone: 🔹				
	15.	Manufacture and a state of the second	hooser Name	; dlk-1	A2AAA-P1	
		p	rinter Type	: Laser	rWriter	
			ostScript Level	: Leve		
		F	ont Group	: Stan	dard 35 💌	
		LPT2 : C	hooser Name	: dlk-1	A2AAA-P2	
		P	rinter Type	: Lase	rWriter	
			ostScript Level	: Leve		
		F	ont Group	: Stan	dard 35 💌	
		USB : C	hooser Name	: dlk-1.	A2AAA-U3	
		P	rinter Type	: Lase	rWriter	
		P	ostScript Level	: Leve	el 2 💙	
		F	ont Group	: Stan	idard 35 🐱	
		Apply Se	ttings Cancel			
PRINT SERV	/ER					

AppleTalk

Enter the AppleTalk Zone name in the box. In the following options, enter the related configuration, such as the printer type.

Chooser Name: Display the print server's port name.

Printer Type: Enter the printer's type in this box.

PostScript Level: Select from the pull-down menu (Level 1 or Level 2).

Font Group: Select from the pull-down menu.

The exact procedure for selecting a PostScript printer connected to print server may vary slightly, depending on what printer driver version you are using. The procedure described below assumes you are using the LaserWriter 8.

To choose a printer connected to print server as your MacOS workstation's default printer, open the Chooser by selecting Chooser from the Apple menu. Select the LaserWriter 8 icon on the left. Make sure that AppleTalk is set to **Active**.

A list of all networked PostScript printers will be displayed as follow.

Double-click the name of the Printer Port you wish to use. The Printer Ports shown are examples only.

Chooser E					
AppleShare AppleShare LasorVritor 300/LS Preview N AppleShare LasorVritor B AppleShare LasorVritor B AppleShare LasorVritor B AppleShare LasorVritor B AppleShare LasorVritor B AppleShare LasorVritor B AppleShare LasorVritor B AppleShare LasorVritor B AppleShare AppleShare LasorVritor B AppleShare AppleShare LasorVritor B AppleShare AppleShare LasorVritor B AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare AppleShare A	Select a PostScript Printer:				

If you have not previously set this printer as the default, your computer will prompt you for a PostScript Printer Description file. Choose **Select PPD**.

Current Printer Description File (PPD) Selected: "Generic"				
Auto Setup	Select PPD	Help		
Printer Info	Configure	Cancel		
		ОК		

Select the appropriate printer description file for your printer.

Click Open. (If your printer is not listed, click Generic to use a generic printer description.)

If you wish to access this setting in the future, you can use the Setup button in the Chooser window.

The selected printer will become your computer's default printer. You may need to choose Page Setup in any applications you have open.

#### **Technical Specifications**

**Printer Connection Printer Port:** Parallel and USB port **Bi-directional Communication:** Hewlett-Packard PJL (Printer Job Language) standard for bi-directional communication. **Network Connection** Network Standards: 100Base-TX Fast Ethernet Network Data Transfer Rate: 10/100 Mbps (megabits per second) Network Connector: RJ-45 **Network Protocols** Ethernet Frame Types: 802.2, 802.3, Ethernet II, SNAP (auto-switching) Transport Protocols: TCP/IP, NetBEUI, AppleTalk/EtherTalk, LPR, SMB TCP/IP Protocols Supported: BOOTP, SNMP, FTP, LPD, RARP, DHCP, IPP Management and Diagnostics Standard: SNMP **MIBs:** MIB-II (RFC 1213) Diagnostic LED Indicators: Power, Link/Act, USB, LPT1, LPT2 **Environmental and Physical Power Supply:** External power supply providing 5V, 2.5A DC **Dimensions:** 7.58" x 4.66" x 1.22" (192.5 mm x 118.4 mm x 31 mm) Weight: approx. 10.3 oz. (292g) **Operating Temperature:** 32 to122°F (0 to 50°C) Storage Temperature: -13 to 131°F (-25 to 55°C) Humidity: 5% to 95% non-condensing Emissions: FCC Class B, CE Class B, VCCI Class B

#### Appendix: DP-300U Printer Compatibility List

#### **The Canon Printer**

Canon BJC-255SP Canon BJ-330 Canon BJC-600, 620 Canon BJC-2000SP Canon BJC-4100, 4300, 4500, 4550 Canon BJC-6000, 6500 Canon BJC-7000 Canon BJC-7000 Canon LBP-720, 740 Canon Bubble Jet S520

#### **The Epson Printer/plotter**

Epson Stylus Photo 700, 710, 750 Epson Stylus Photo 870 Epson Stylus Photo 1200, 1270 Epson Stylus Photo EX Epson Stylus Pro XL Epson Stylus Color 400, 440, 460, 480 Epson Stylus Color 600, 640, 660 Epson Stylus Color 740 Epson Stylus Color 800, 850, 860 Epson Stylus Color 900 Epson Stylus Color 1160 Epson Stylus Color 1500, 1520 Epson Stylus Color 3000 Epson Stylus C60 Epson LQ-100 Epson LQ-300 Epson LQ-550, 570+ Epson LQ-1070C+ Epson LQ-2070, 2170C

Epson EPL-N2000, N2010 Epson EPL-5500, 5700, 5700L, 5800

#### **The Fujitsu Printer**

Fuji 10V, 14V Fuji DL-700 Fuji DL-3800

#### The HP Printer/Plotter

**HP** Portable HP LaserJet III HP LaserJet 4P, 4L, 4V HP LaserJet 5L HP LaserJet 6P, 6L HP LaserJet 1100, 1100A HP LaserJet 1200 HP LaserJet 2100, 2100M HP LaserJet 2200 HP LaserColorJet 8500 HP DeskJet 400, 420 HP DeskJet 500, 550C, 560C HP DeskJet 670C, 695C HP DeskJet 720C HP DeskJet 810C, 890C HP DeskJet 920C HP DeskJet 930C(new), 970CXI HP DeskJet 1120C HP DeskJet 1125C HP DesignJet 350C HP DesignJet 600C HP LaserJet 4000 HP LaserJet 5000 HP OfficeJet T45, 710

**The IBM Printer** 

IBM 5577 IBM 4039 16L IBM Infor Printer 20 IBM InfoPrint 32

#### **The Lexmark Printer**

Lexmark 4039 10R Lexmark 5700 Lexmark Optra Color 45 Lexmark Optra C710 Lexmark Optra E, E+, E310 Lexmark Optra K1220 Lexmark Optra M410, M412 Lexmark Optra M410, M412 Lexmark Optra R+ Lexmark Optra S1250, S1855 Lexmark Optra SC-1275 Lexmark Optra SE-3455 Lexmark Optra T614 Lexmark Optra W810 Lexmark Z53

#### **The NEC Printer**

NEC P2200 NEC P3200 NEC P5300 NEC P6300 NEC P7300

#### **Other Printers**

Brother HL-1260 CD T120 Citizen GSX-230 Futek 84+ OKI ML-391 OKIdata OL-400 Olivetti JP450 Panasonic 2023 Panasonic XX-P1624 Printtec PR856C Star NX-2420 Tektronix Phraser 350

Other Printers from the brands listed above may also be supported. For an updated compatibility list please visit: http://support.dlink.com.tw Free Manuals Download Website <u>http://myh66.com</u> <u>http://usermanuals.us</u> <u>http://www.somanuals.com</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.com</u> <u>http://www.404manual.com</u> <u>http://www.luxmanual.com</u> <u>http://aubethermostatmanual.com</u> Golf course search by state

http://golfingnear.com Email search by domain

http://emailbydomain.com Auto manuals search

http://auto.somanuals.com TV manuals search

http://tv.somanuals.com