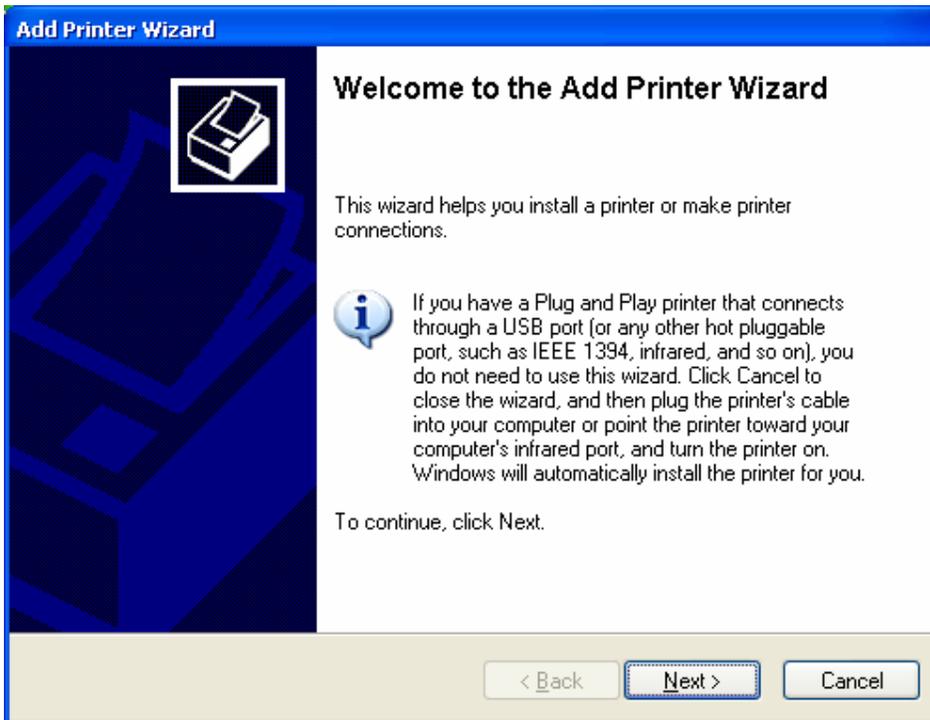
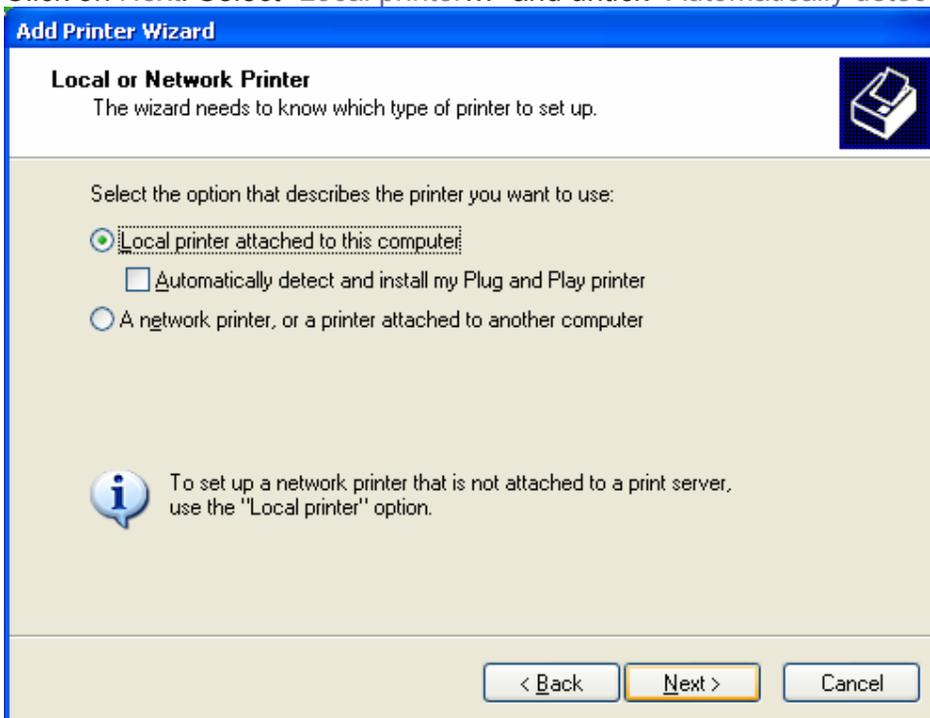


## Network Printing In Windows XP

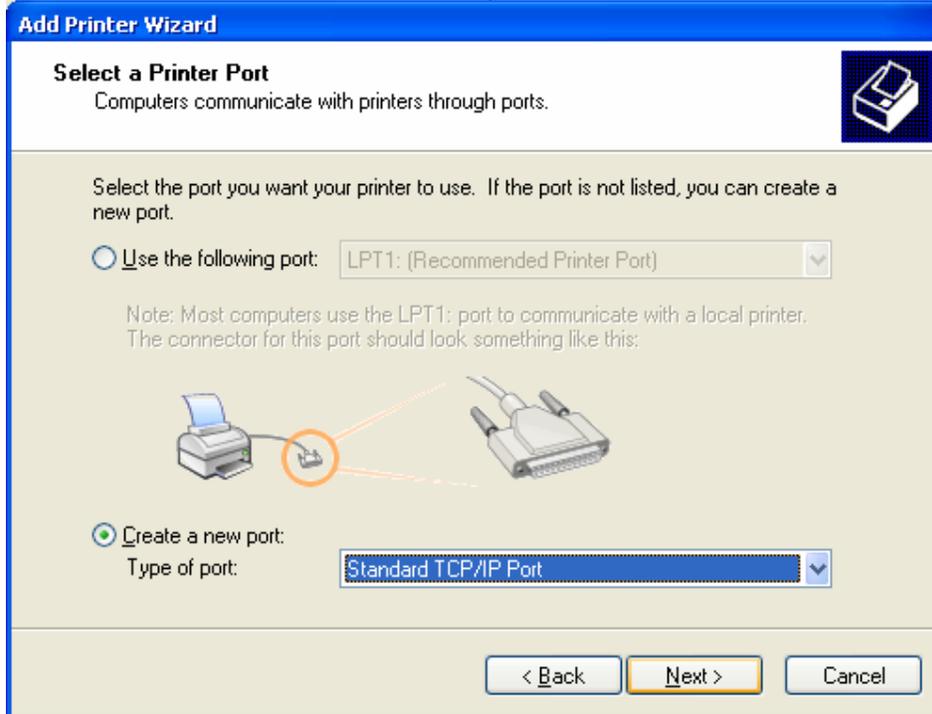
To install a printer on your network using D-Link Print Server or DI-series router with built-in print server you do not need to install any additional software. Windows XP has built-in client for TCP/IP printing. To install a printer on your network go to Start → Printers and Faxes → Add a Printer:



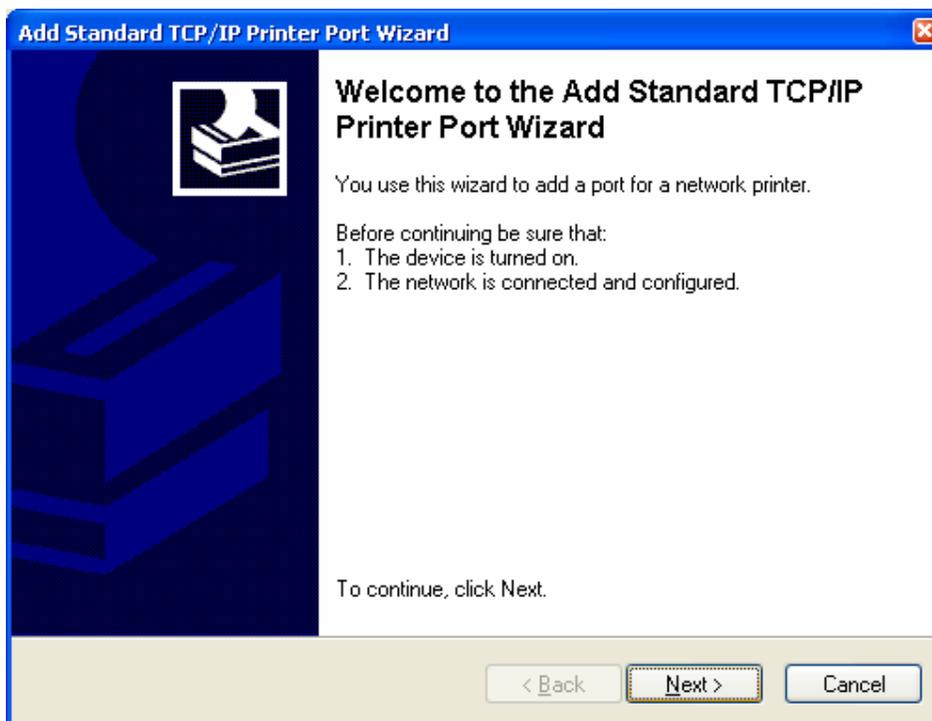
Click on Next. Select "Local printer..." and untick "Automatically detect..." option:



Click on Next. Select “Create a new port” and “Standard TCP/IP Port”:

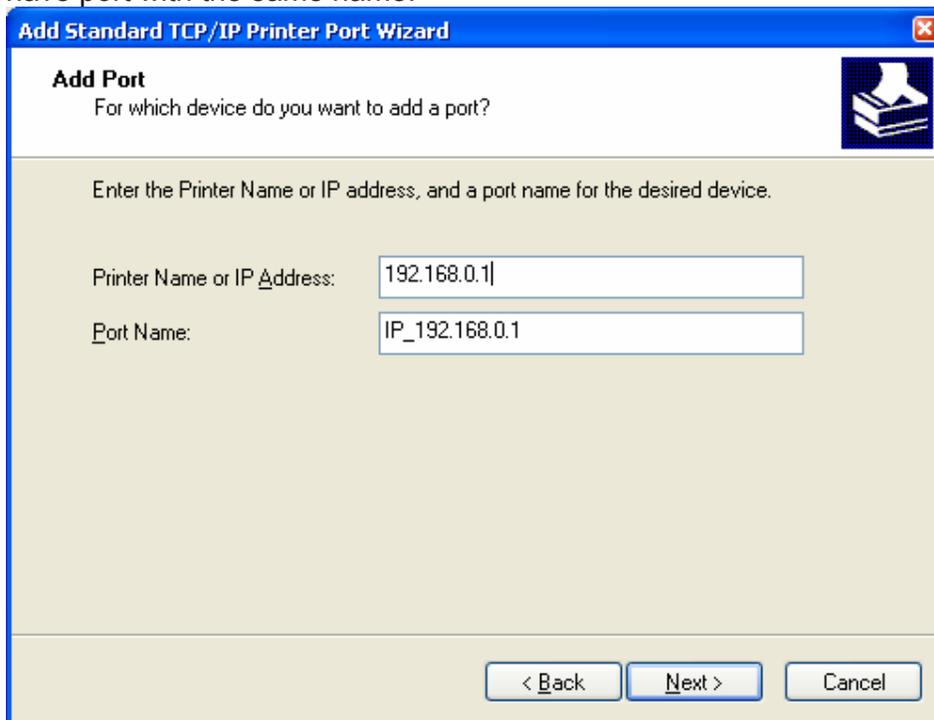


Click on Next.



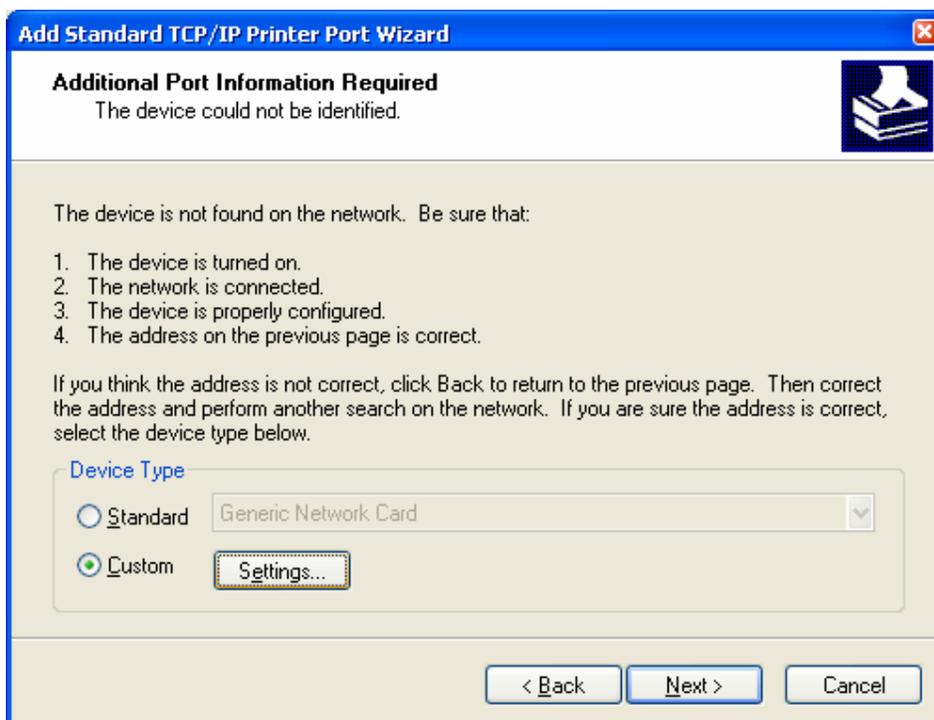
Click on Next.

Under “Printer Name or IP Address” type in the IP address of your router/print server (DI-series router’s default IP is **192.168.0.1**, DP-series print server address may differ). Under “Port Name” you can type any name you want as soon as your computer does not already have port with the same name:



The screenshot shows the 'Add Standard TCP/IP Printer Port Wizard' dialog box. The title bar reads 'Add Standard TCP/IP Printer Port Wizard'. The main heading is 'Add Port' with a sub-heading 'For which device do you want to add a port?'. Below this, it says 'Enter the Printer Name or IP address, and a port name for the desired device.' There are two input fields: 'Printer Name or IP Address:' containing '192.168.0.1' and 'Port Name:' containing 'IP\_192.168.0.1'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Click on **Next** and then select **Custom**. Click on **Settings**:

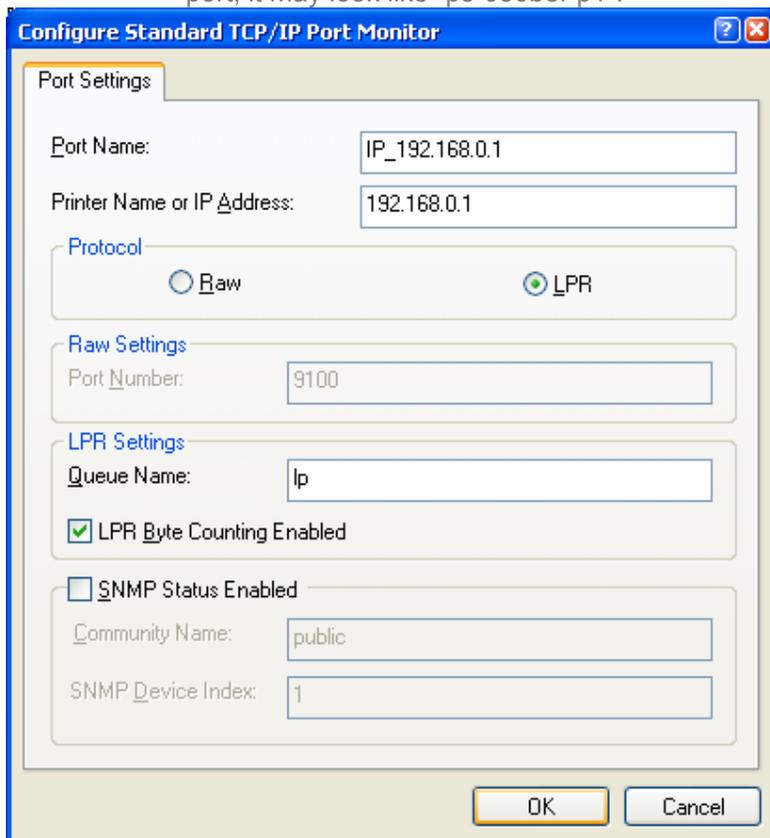


The screenshot shows the 'Add Standard TCP/IP Printer Port Wizard' dialog box at the 'Additional Port Information Required' step. The title bar reads 'Add Standard TCP/IP Printer Port Wizard'. The main heading is 'Additional Port Information Required' with a sub-heading 'The device could not be identified.' Below this, it says 'The device is not found on the network. Be sure that:' followed by a numbered list: 1. The device is turned on. 2. The network is connected. 3. The device is properly configured. 4. The address on the previous page is correct. Below the list, it says 'If you think the address is not correct, click Back to return to the previous page. Then correct the address and perform another search on the network. If you are sure the address is correct, select the device type below.' There is a 'Device Type' section with two radio buttons: 'Standard' (selected) and 'Custom'. The 'Standard' option has a dropdown menu showing 'Generic Network Card'. The 'Custom' option has a 'Settings...' button. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Set Protocol to LPR.

Set Queue Name to "LP" if you are using DI-series router with print server built-in.

If you are using a different print server (e.g. DP-303) you need to enter the name of the port in your print server here. Log into your print server and check the name of the port, it may look like "ps-050b8f-p1":



Configure Standard TCP/IP Port Monitor

Port Settings

Port Name: IP\_192.168.0.1

Printer Name or IP Address: 192.168.0.1

Protocol

Raw  LPR

Raw Settings

Port Number: 9100

LPR Settings

Queue Name: lp

LPR Byte Counting Enabled

SNMP Status Enabled

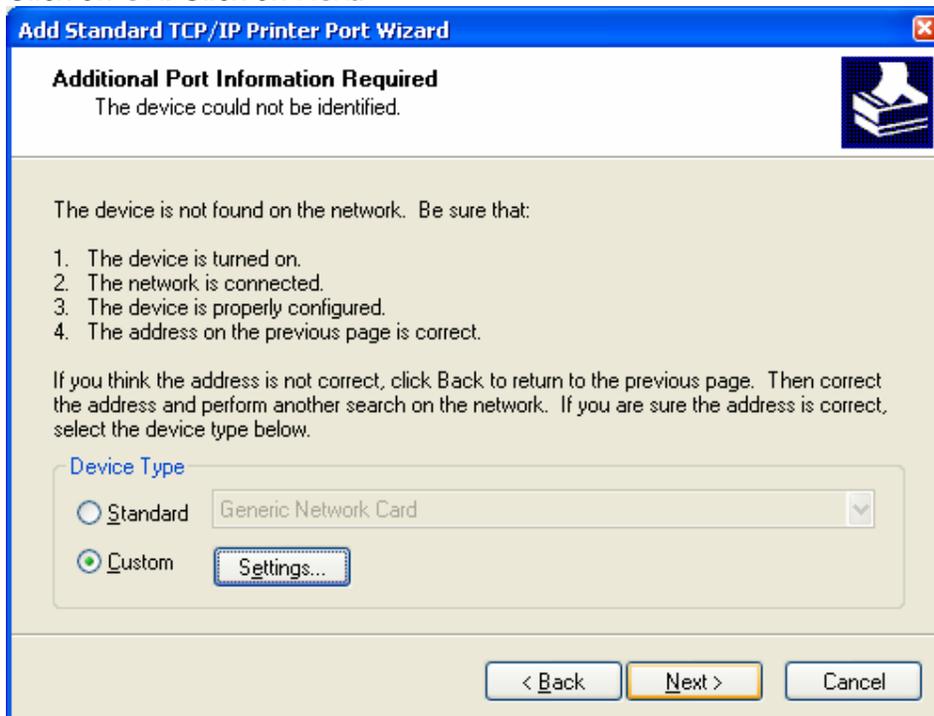
Community Name: public

SNMP Device Index: 1

OK Cancel

Most printers require LPR Byte Counting Enabled.

Click on OK. Click on Next.



Add Standard TCP/IP Printer Port Wizard

**Additional Port Information Required**  
The device could not be identified.

The device is not found on the network. Be sure that:

1. The device is turned on.
2. The network is connected.
3. The device is properly configured.
4. The address on the previous page is correct.

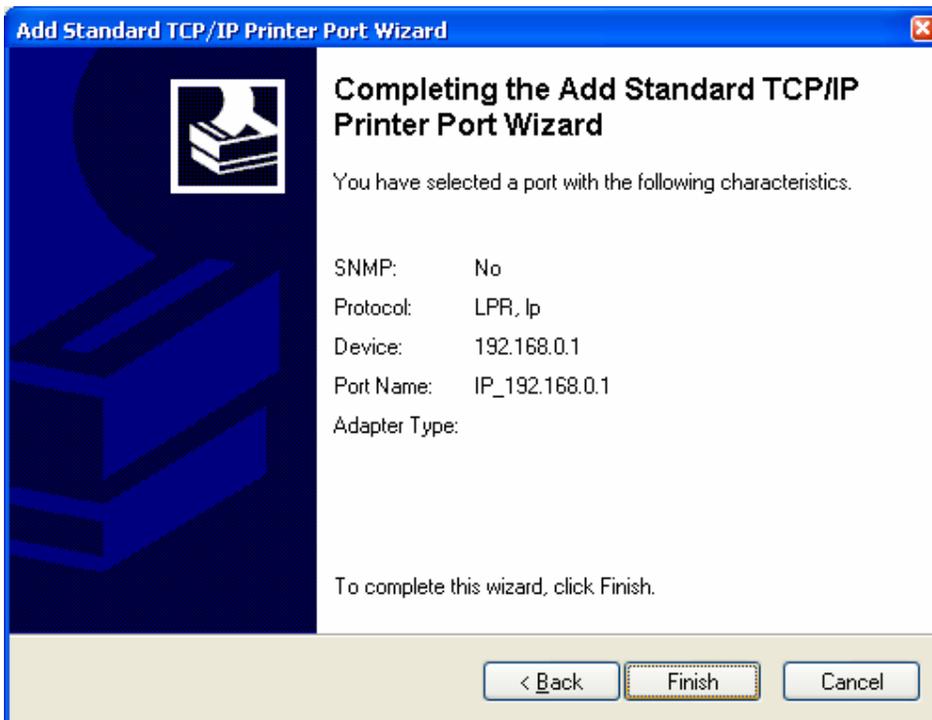
If you think the address is not correct, click Back to return to the previous page. Then correct the address and perform another search on the network. If you are sure the address is correct, select the device type below.

Device Type

Standard Generic Network Card

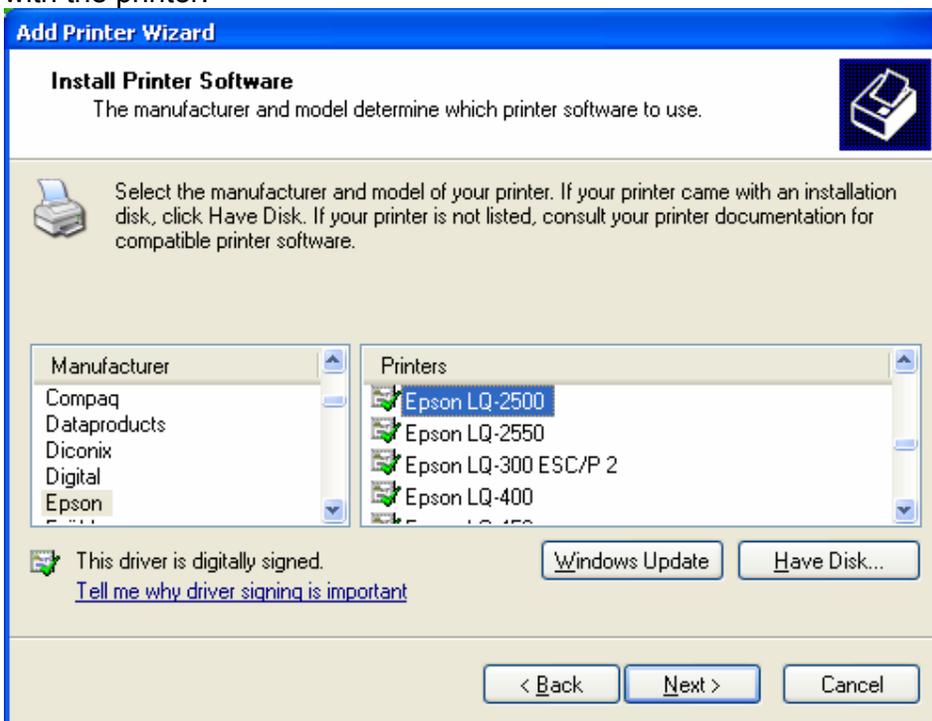
Custom Settings...

< Back Next > Cancel



Click on **Finish**.

Next step is printer driver installation. Select your model from the list or use driver provided with the printer.



## Add Printer Wizard

### Name Your Printer

You must assign a name to this printer.



Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.

Printer name:

Do you want to use this printer as the default printer?

Yes

No

< Back

Next >

Cancel

## Add Printer Wizard

### Printer Sharing

You can share this printer with other network users.



If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.

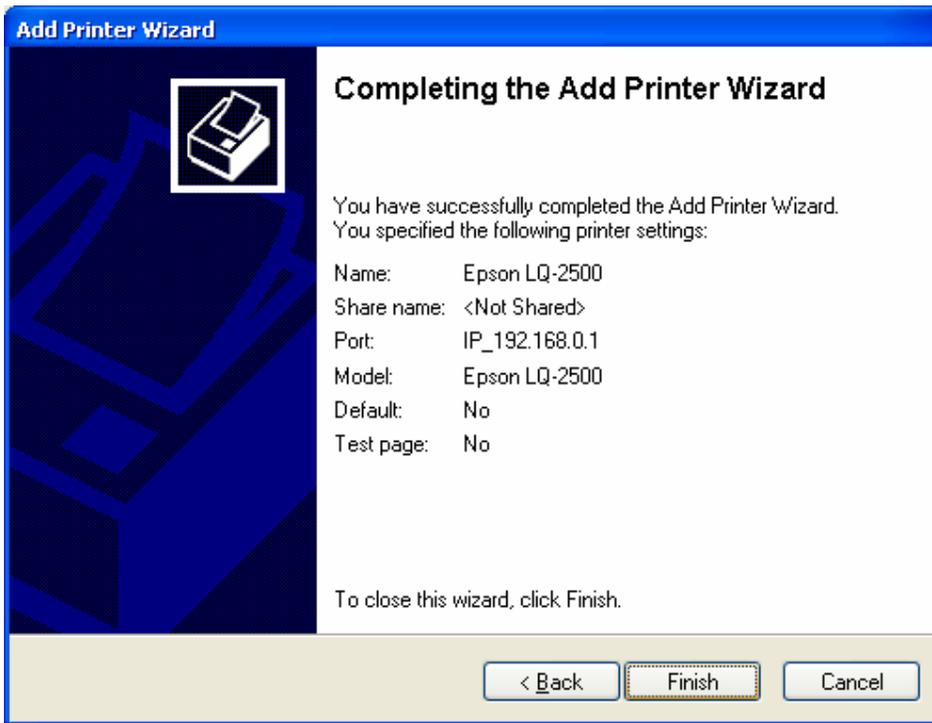
Do not share this printer

Share name:

< Back

Next >

Cancel



Click on **Finish**. Printer setup completed.

## Troubleshooting

If you can not print try the following:

1. Log into the router and select Status page.  
Under Peripheral the status should be **Printer: Ready**. If it is not: restart your printer and restart router. Then check the Status page again.
2. Try to disable **LPR Byte Counting**: go to Start > Printers and Faxes > right-click on the printer icon and select **Properties**. Select **Ports** tab and click on **Configure Port**.
3. Some printer drivers which come with printers do not support network printing. Try to reinstall your printer using drivers built-into Windows XP (Microsoft drivers). If you do not see your particular model in the list try selecting a different model from the same series.
4. Certain printers may not work with print servers because they do not have command interpreters built in to the printer. Such printers are designed to operate only when connected directly to a computer and will not be able to function on a network. These printers are normally referred to as “GDI Printers”, “Host-based Printers”, “WPS Printers”.

Please check with your printer manufacturer if your printer is not a host-based printer and if it can be used with a print server on a network.

If you are using a multi-function printer, you may not be able to use functions other than printing.

~ End of document ~