

GP Ethernet Printer Settings Manual

1. Confirm the printer IP address on selftest page

Print Selftest page:

GP 80250 and above series : Turn off the power of printer, then press FEED button and boot the printer, release FEED button till the ERROR light is off, a selftest page is printed successfully.

GP L80160 series: Turn off the power of printer, then press FEED button and boot the printer, release FEED button till the ERROR and Paper lights are off, a selftest page is printed successfully.

3150/9035 Barcode printers: Turn off the power of printer, then press FEED button and boot the printer, release FEED button till the ERROR light is off, a selftest page is printed successfully.

The factory default printer IP address is 192.168.123.100, which is shown as below:



2. Modify printer IP address by GP softwares

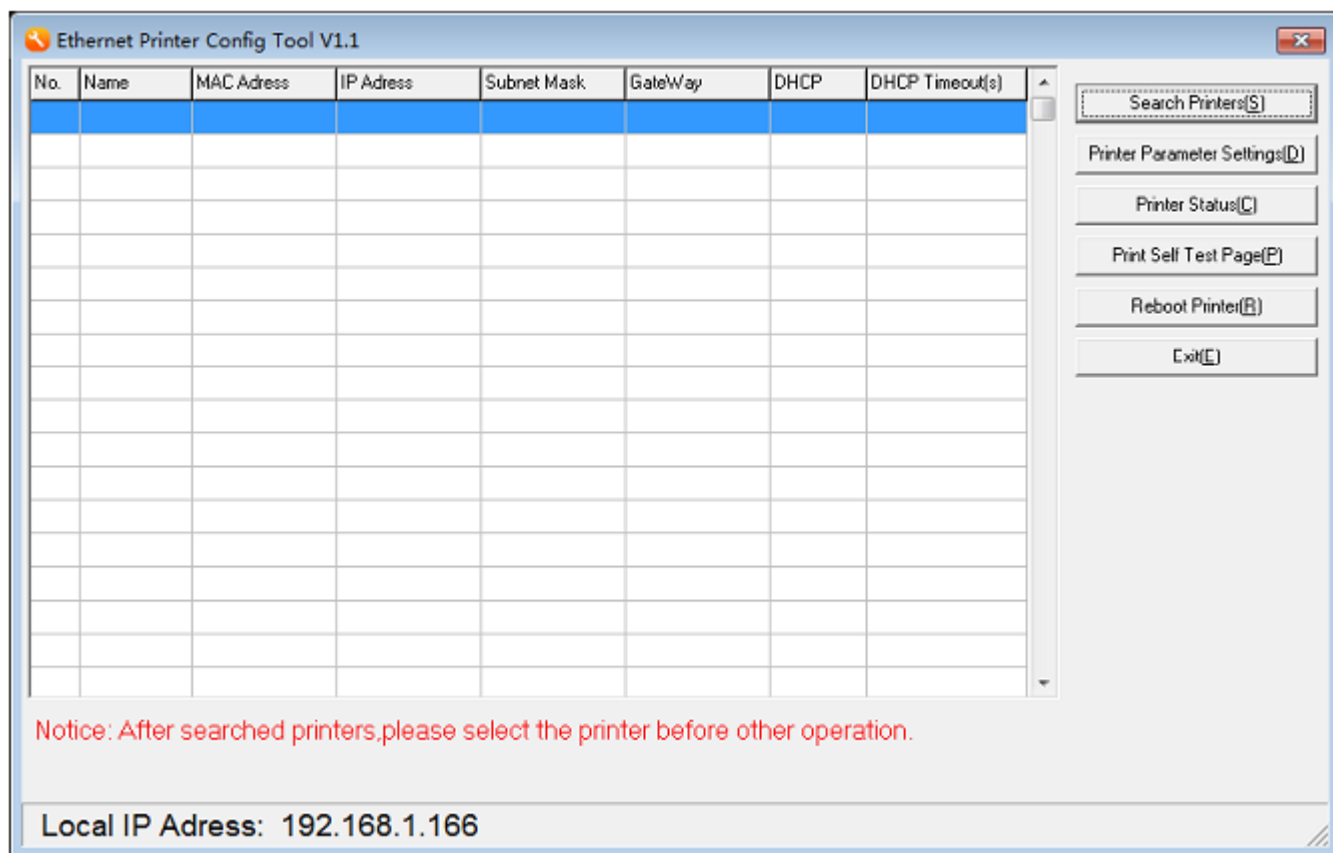
a). Make sure that the printer IP address and computer IP address are in the same network segment before modification.

b). Run the software "GPETHERNET" which comes with CD. (\\CD\\tool\\Ethernet\\GPETHERNET.exe)

Method 1: “GPNetConfig” Software

Remark: This software is only suitable for GP 80mm printer (firmware version 1.4), GP-3150TIN Barcode printer (firmware version 1.1B and above) and GP-9035T Barcode printer.

1. Click the application “NetConfig.exe”.



Search Printers(S)

:search all printer in the LAN

Printer Parameter Settings(D)

:change the printer's IP address which you selected

Print Self Test Page(P)

:print the printer's selftest page which you selected

Printer Status(C)

:check the printer's status

Reboot Printer(R)

:reboot the printer after you changed the IP address, your actions will take effect

Exit(E)

:quit the application

3. Select the printer and change the printer's IP address.
Select the printer at the table list first and click the button "Printer Parameter Settings (D)".

Mode a:

Dynamic IP Address (DHCP)

Auto assign IP address by the printer

The dialog box titled "Printer Parameter Settings" shows the "Dynamic IP Address(DHCP)" option selected. The "DHCP Timeout" is set to 90 seconds. The "Fix IP Address" section is collapsed. At the bottom, there are "Set Parameter(S)" and "Return(R)" buttons.

DHCP Timeout: Set the max time to assign the IP address (default time 90 seconds)

Mode b:

Fix IP address

The current printer's IP address

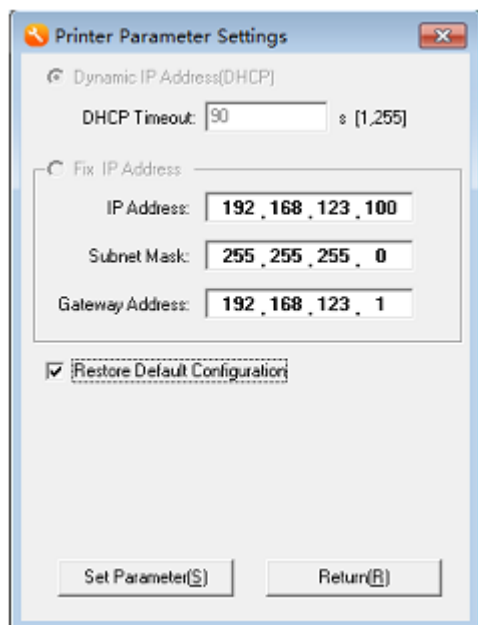
change IP address that you need (eg.192.168.1.100)

The dialog box shows the "Fix IP Address" option selected. The "IP Address" field displays "192, 168, 123, 100". The "Subnet Mask" is "255, 255, 255, 0" and the "Gateway Address" is "192, 168, 123, 1".

The dialog box shows the "Fix IP Address" option selected. The "IP Address" field displays "192, 168, 1, 100". The "Subnet Mask" is "255, 255, 255, 0" and the "Gateway Address" is "192, 168, 1, 1".

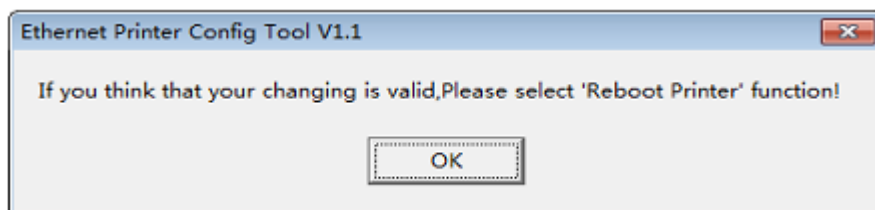
Mode c:

Set the printer's IP address as the default configuration (192.168.123.100)



Next:

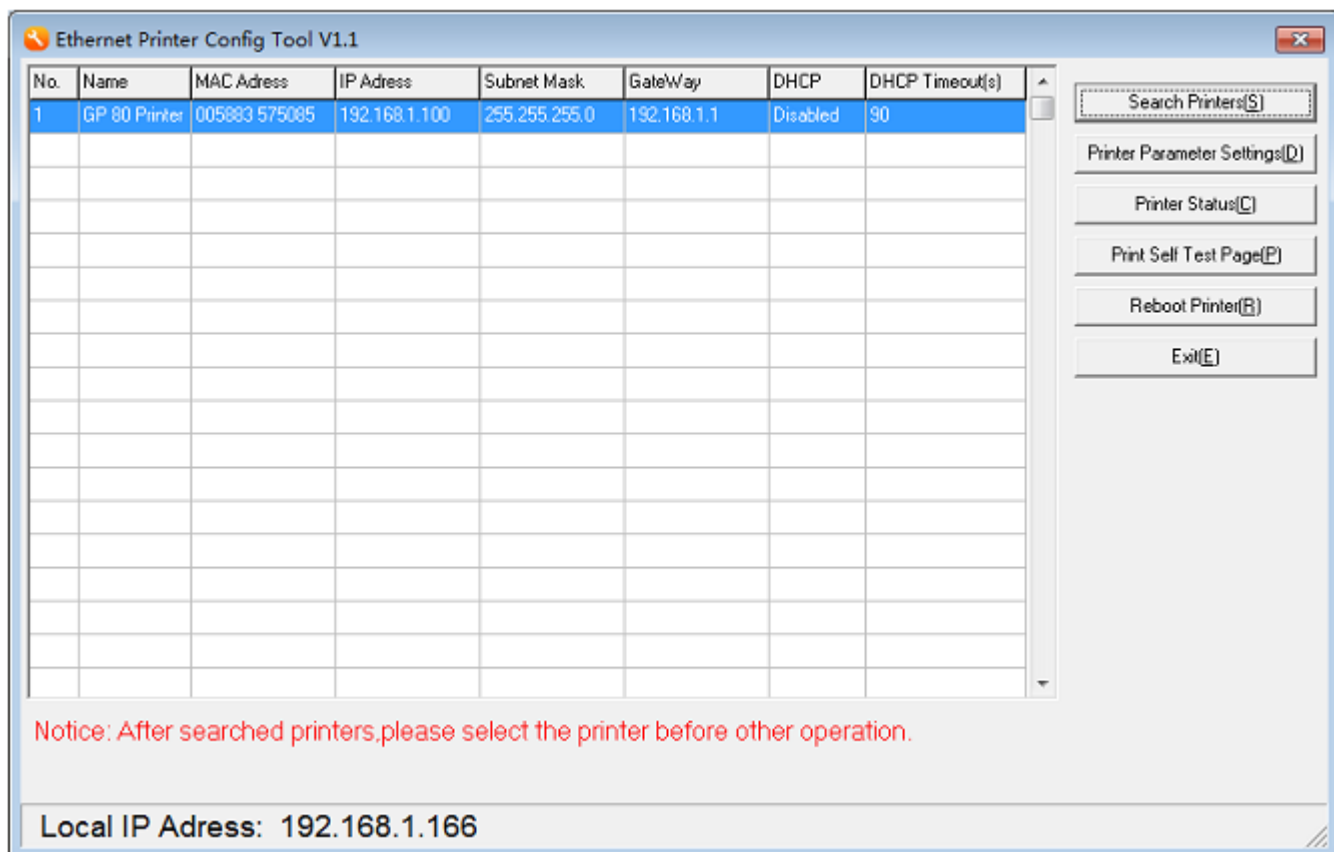
Click the button “Set Parameter (S)”



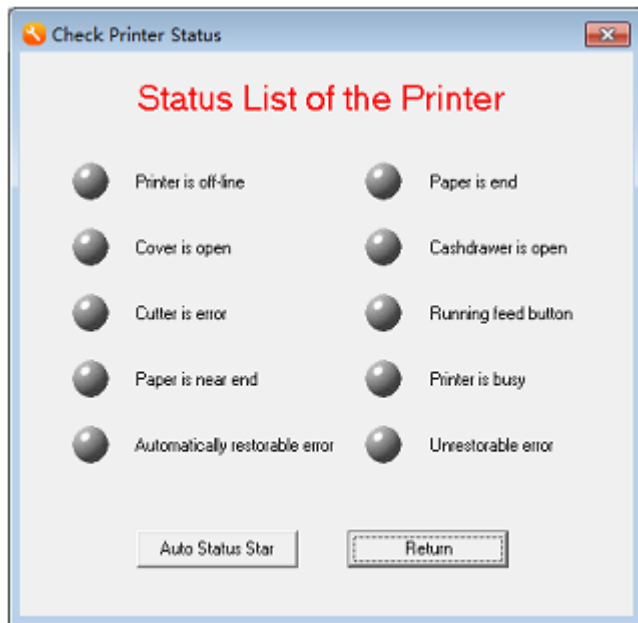
Click “OK” and click the button “Reboot Printer (R)”.

4. Search the printer again (eg.)

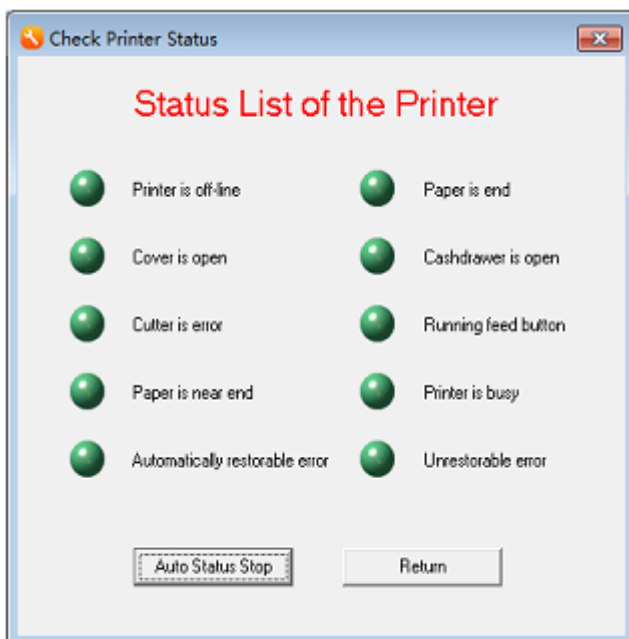
Now the change has come into effect. The printer can be work in this segment.



5. Check the printer's static
Click the button "Printer Static"C"



- Click the "Auto Status Star"
- If your printer's static is all right, you will see that:



Method 2: “GPETHERNET” Software



GP Ethernet Printer Test Program V4.0

Printer current IP address:	192 . 168 . 123 . 100	Connect Test
Printer new IP address:	192 . 168 . 123 . 200	Set New IP Address
Printer new Ethernet ID:	0 = [] : [] : [] : [] : []	Set New Ethernet ID

Input print characters: Set Default IP (Parallel):LPT1

Printer Ethernet Interface Test:

TEST START

/

///

Print

Cut Paper

Cash Drawer

Close

PrinterSUNCSW ☒ English ☐ Chinese

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Remarks:

Reboot the printer before modification IP address.

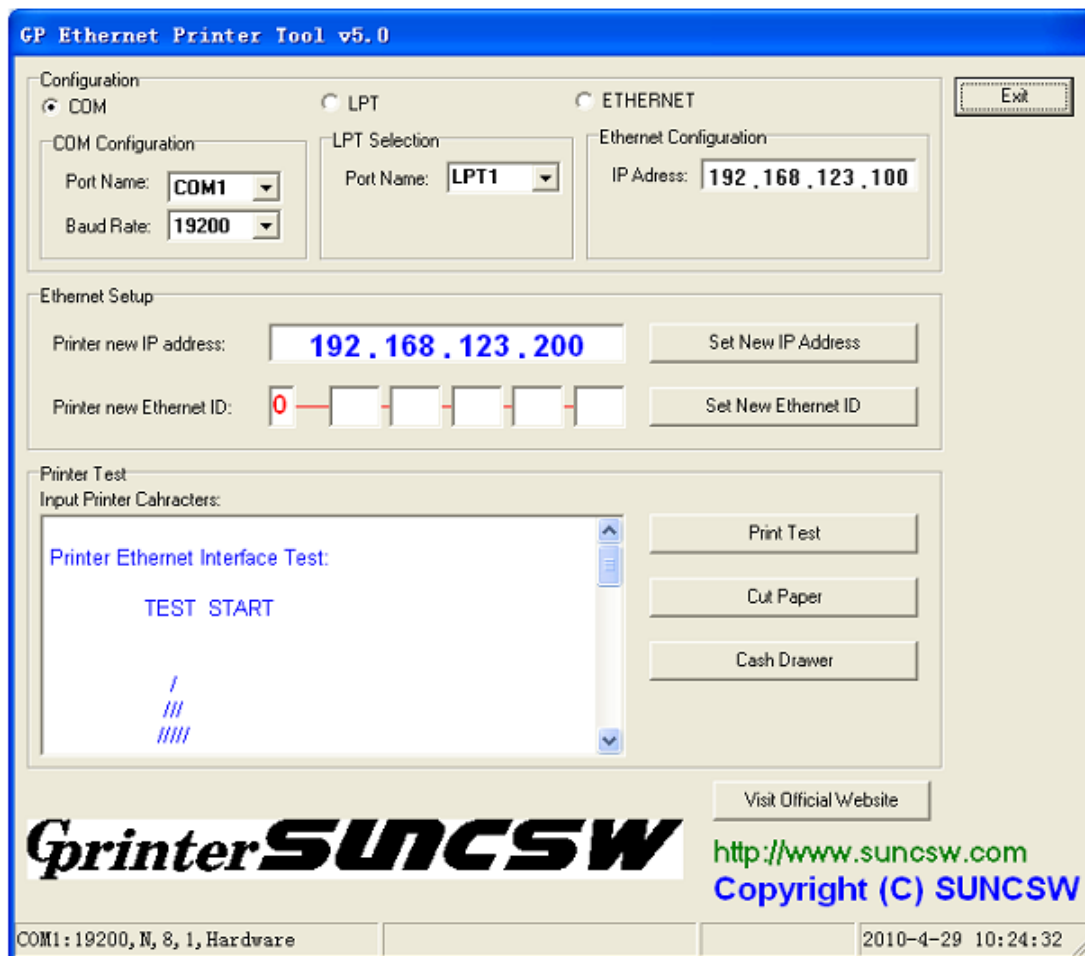
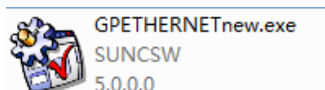
Make sure that the printer IP address and computer IP address are in the same network segment.

1. Click the software “GPETHERNET”.
2. Printer current IP address: enter the default printer IP address (192.168.123.100)
3. Printer new IP address: enter a new printer IP address that you need (eg.192.168.123.200)
4. Click "Set New IP Address ", the new printer IP address is modified successfully after buzzer sounds from printer.
5. After settings, print selftest to check whether the printer IP is modified successfully.

If the connection is unsuccessful, please check:

1. Whether the printer IP and computer IP are in the same network segment?
2. Whether the entered information is correct?
3. Reboot printer and modify again.

Method 3: “GPETHERNET new” Software



Remarks:

Reboot the printer before modification IP address.

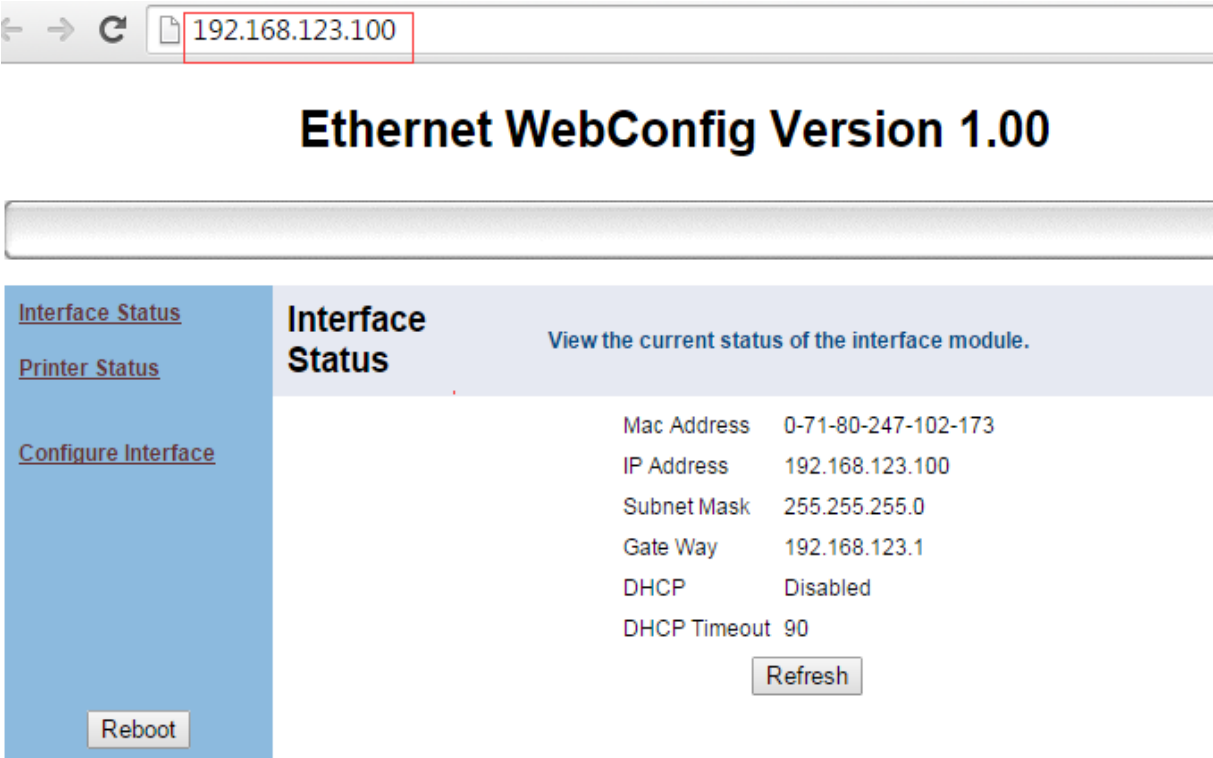
Make sure that the printer IP address and computer IP address are in the same network segment.

1. Click the software “GPETHERNET new”, select a connecting port to modify printer IP address.
2. **Serial port:**
 - A. Click “COM”, and select the corresponding COM port name and Baud Rate, such as COM1, 19200.
 - B. Enter new printer IP address in “Printer new IP address”.
 - C. Click "Set New IP Address ", the new printer IP address that you need (eg.192.168.123.200) is modified successfully after buzzer sounds from printer.
3. **Pallet port:**
 - A. Click “COM”, and select the corresponding LPT port as LPT1.
 - B. Enter new printer IP address in “Printer new IP address”
 - C. Click "Set New IP Address ", the new printer IP address that you need (eg.192.168.123.200) is modified successfully after buzzer sounds from printer.
4. **Ethernet port:**
 - A. IP address: enter the default printer IP address (192.168.123.100).
 - B. Printer new IP address: enter a new printer IP address that you need (eg.192.168.123.200).
 - C. Click "Set New IP Address ", the new printer IP address (192.168.123.201) is modified successfully after buzzer sounds from printer.
5. After settings, print selftest to check whether the printer IP is modified successfully.

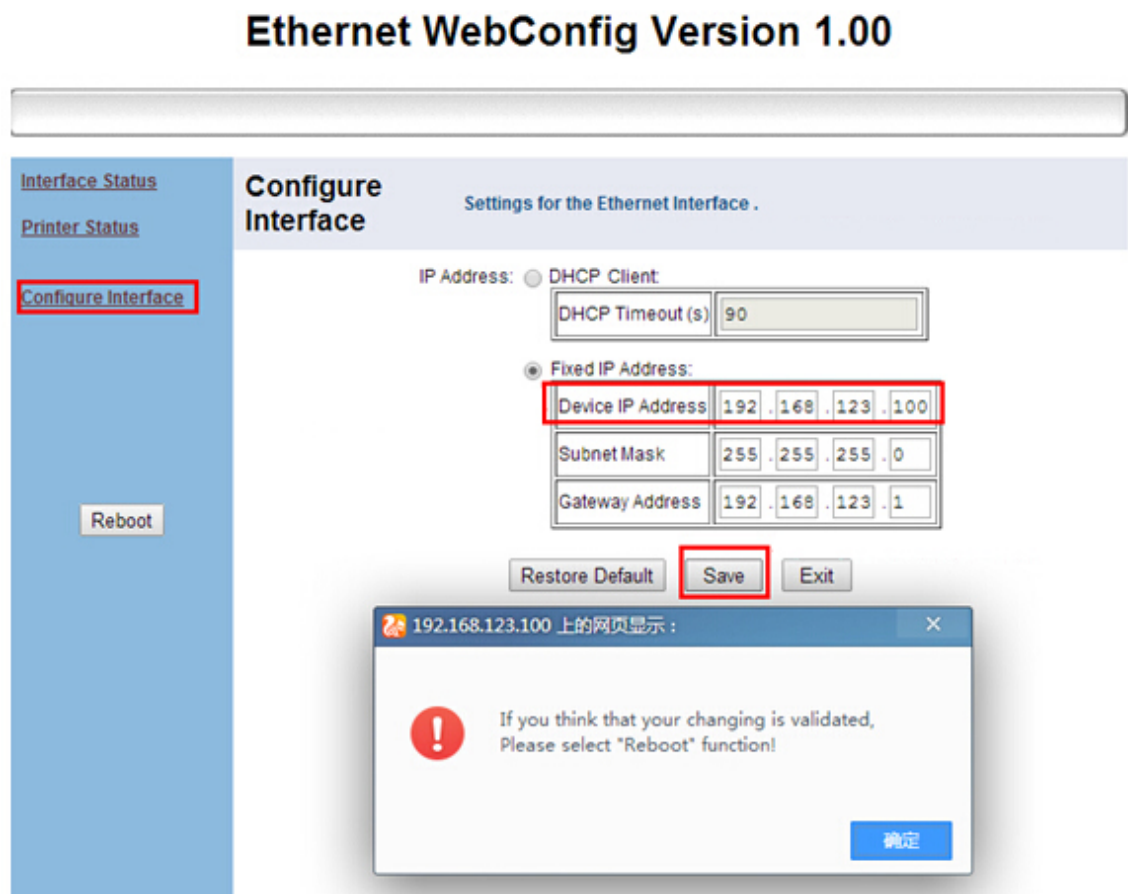
Method 4: Ethernet WebConfig

Remark: This method is only suitable for GP 80250 and above series printers, GP-3150TIN barcode printer (firmware version 1.1B and above), and GP-9035T barcode printer.

- 1. Make sure that the printer IP address and computer IP address in the same network segment.
- 2. Enter the printer IP address (192.168.123.100) in address bar as below.



- 3. Click "Configure Interface", enter the new IP address that you need in "Device IP Address", then click "Save" as below:



If select “DHCP Client”, then click “Save”. It will enable the function of receiving IP configuration automatically. This function is effective if the DHCP is enabled on the router.

Ethernet WebConfig Version 1.00

The screenshot shows the 'Configure Interface' settings for the Ethernet interface. The left sidebar contains links for 'Interface Status', 'Printer Status', and 'Configure Interface' (which is highlighted with a red box). A 'Reboot' button is also visible in the sidebar. The main content area is titled 'Configure Interface' and 'Settings for the Ethernet Interface .'. It features two radio buttons for 'IP Address': 'DHCP Client' (selected and highlighted with a red box) and 'Fixed IP Address:'. Below the 'DHCP Client' option is a 'DHCP Timeout (s)' field set to 90. Below the 'Fixed IP Address' option are three rows of IP address fields: 'Device IP Address' (192.168.123.100), 'Subnet Mask' (255.255.255.0), and 'Gateway Address' (192.168.123.1). At the bottom of the settings area are three buttons: 'Restore Default', 'Save' (highlighted with a red box), and 'Exit'. A modal dialog box is overlaid on the bottom right, titled '192.168.123.100 上的网页显示 :'. It contains a red exclamation mark icon and the text: 'If you think that your changing is validated, Please select "Reboot" function!'. A blue '确定' (Confirm) button is at the bottom right of the dialog.

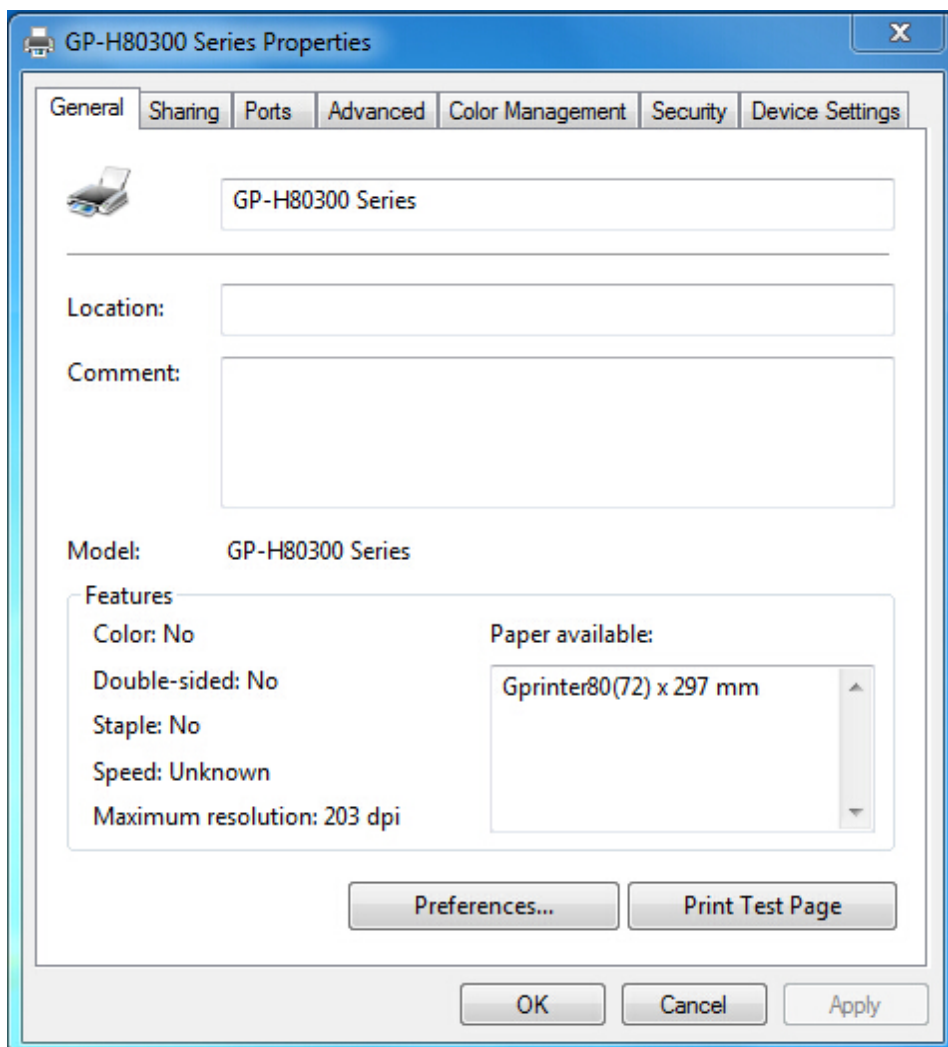
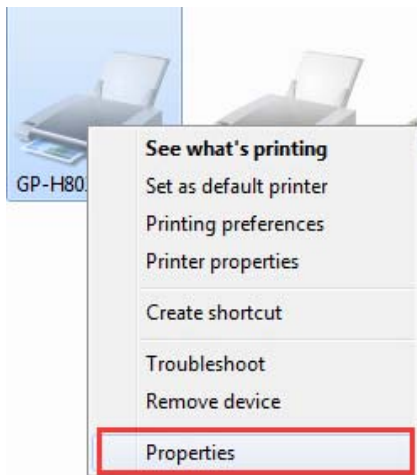
- Please click “Reboot” when you are prompted to restart the web page.



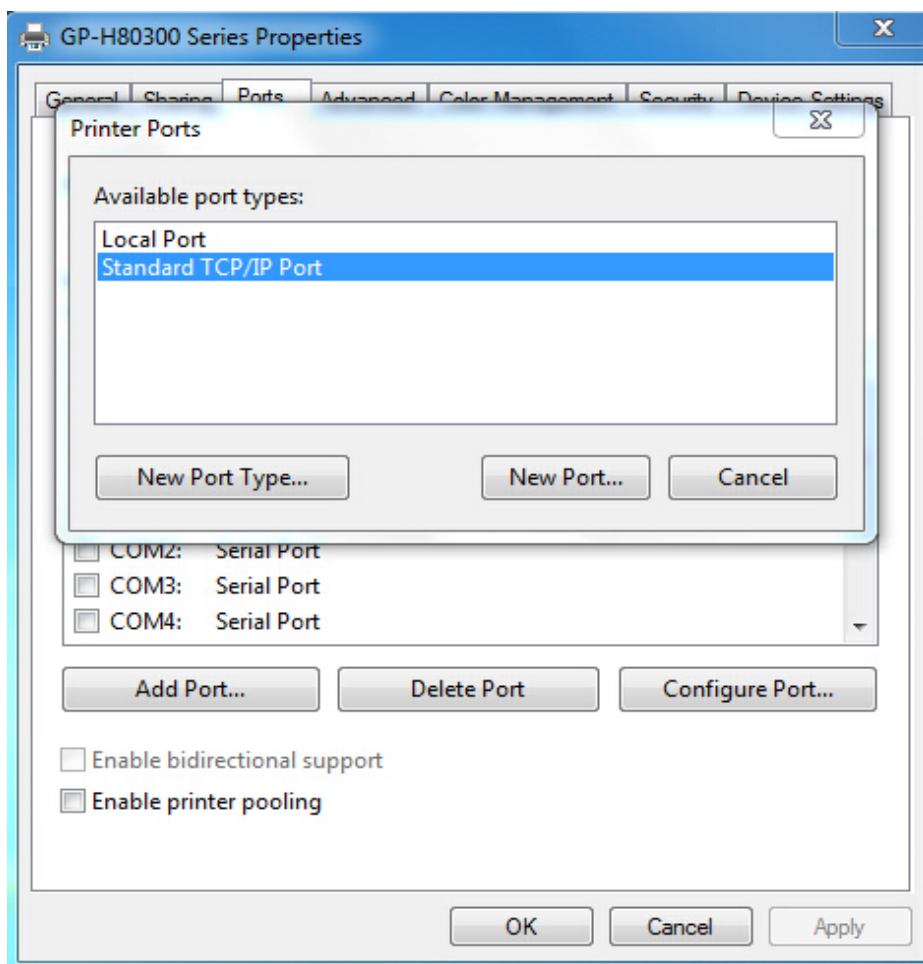
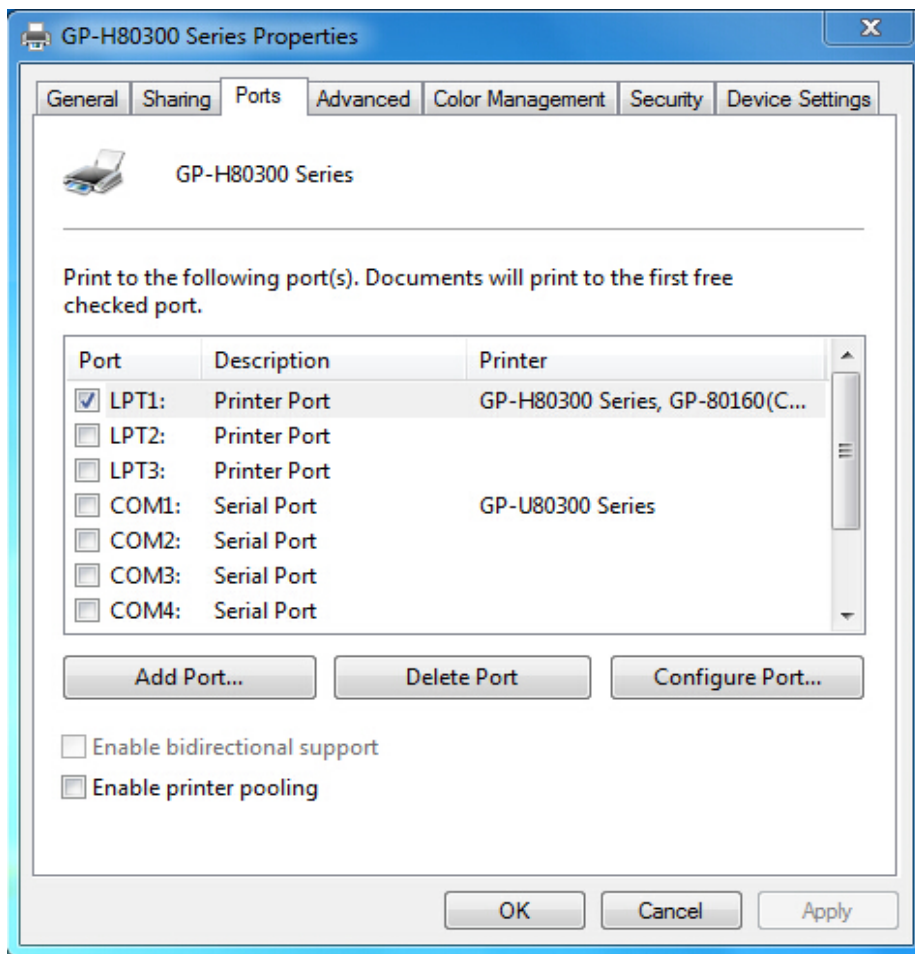
- After settings, print selftest to check whether the printer IP is modified successfully.

Ethernet printer Port installation

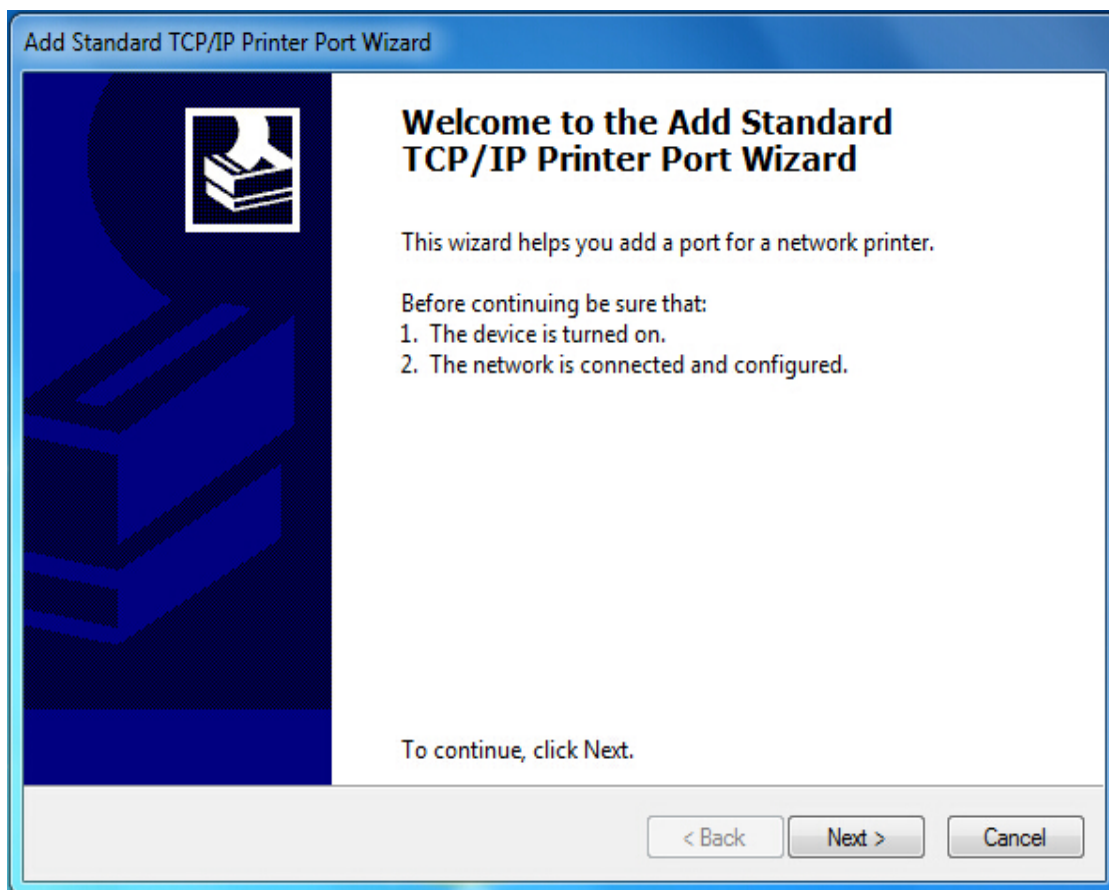
1. Click "Control Panel" - "Device and printer".
Right-click the corresponding driver icon, choose "Printer properties".



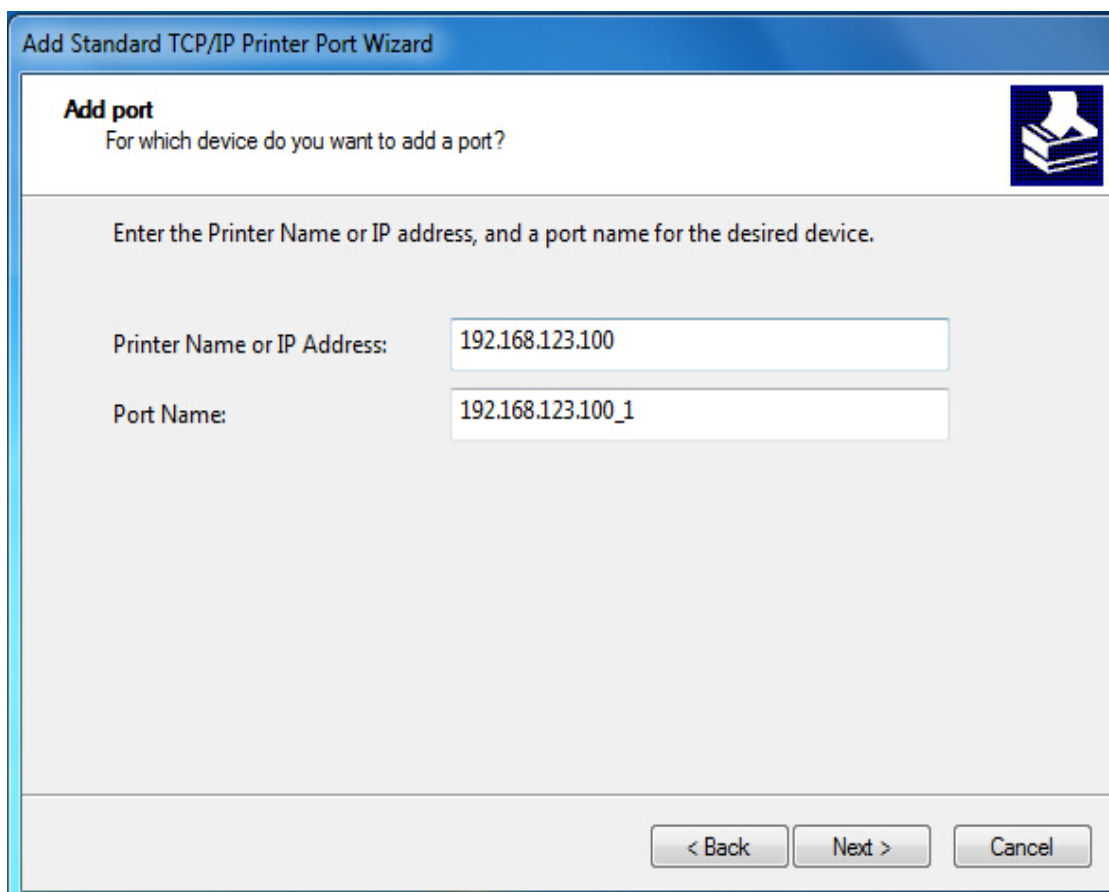
2. Click "Ports" - "Add port" - "Add Ports" - "Standard TCP/IP Port" - "New Port" to continue.



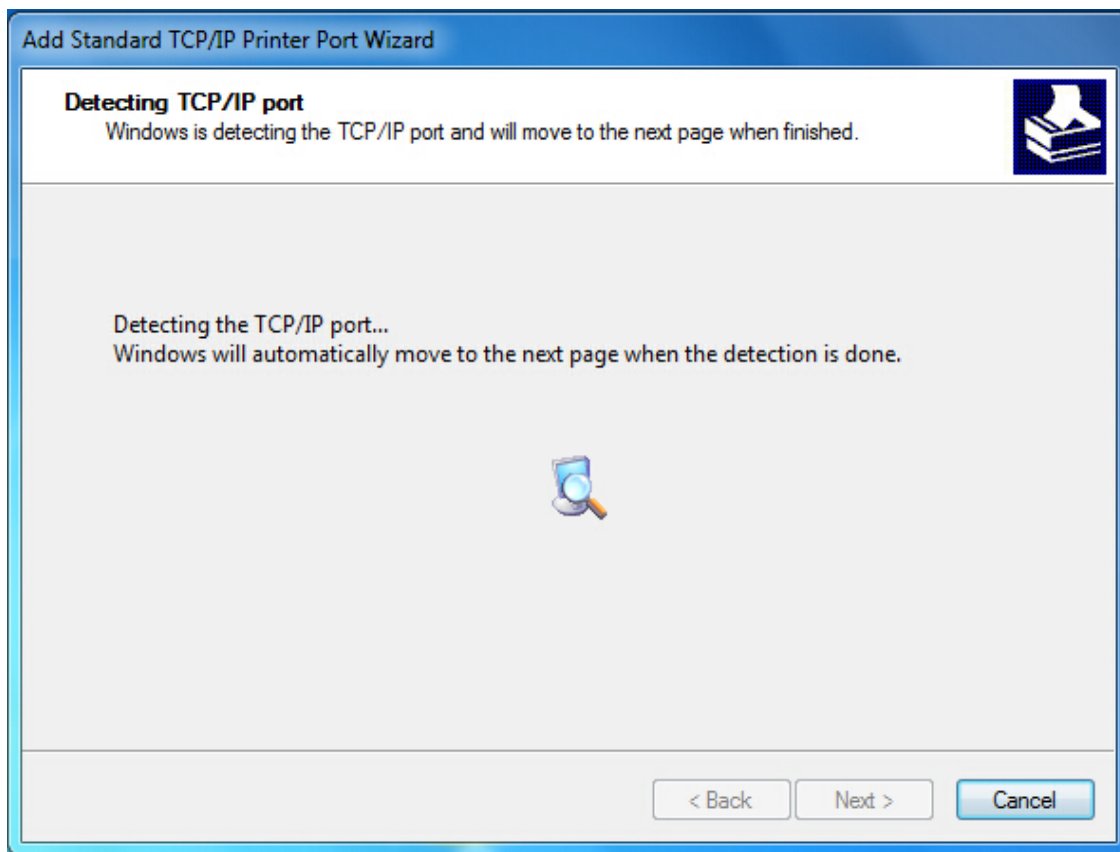
3. Click "Next" to continue.



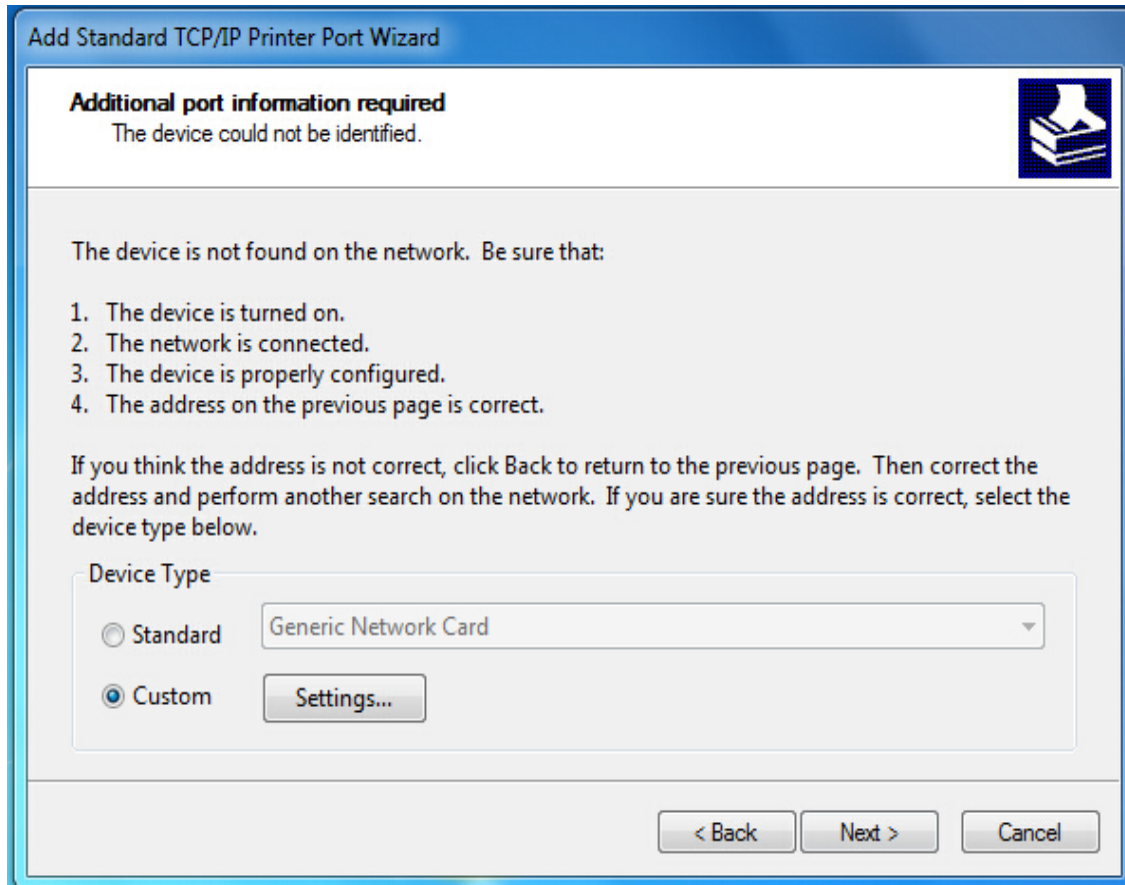
4. Enter the printer IP address into "Printer Name or IP Address" entry.
The default Printer IP address is 192.168.123.100, then click "Next" to continue.



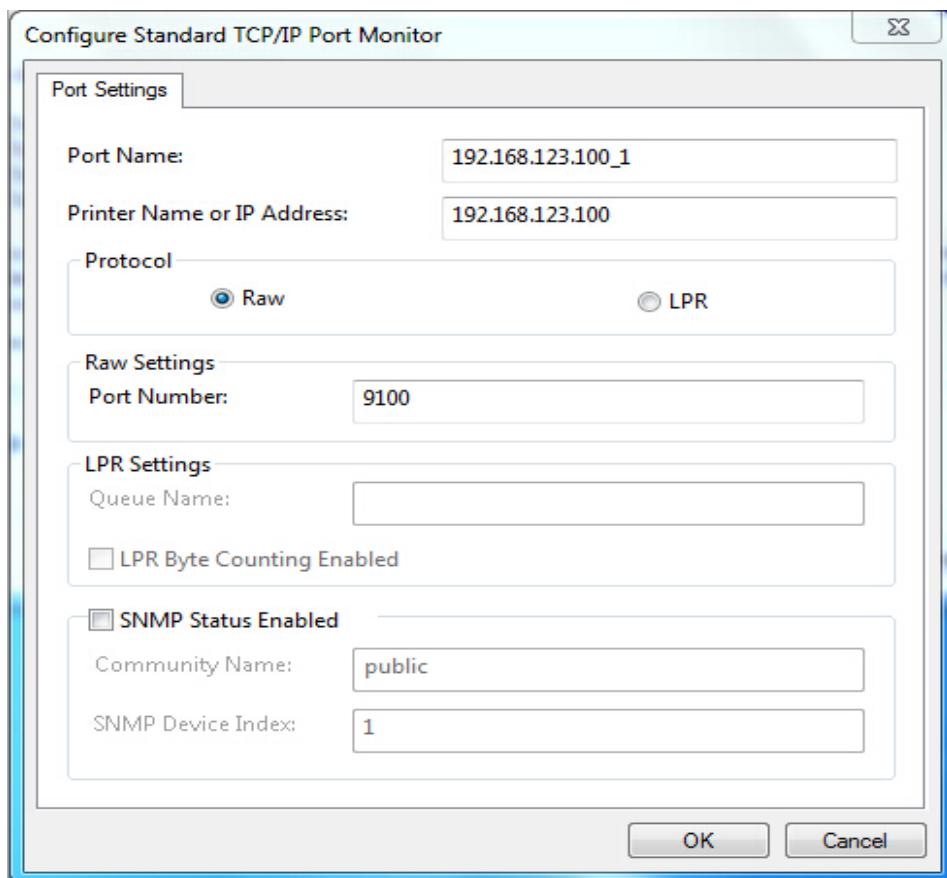
5. Windows is detecting the "TCP/IP port".



6. If the device could not be identified, then select "Custom" - "Settings".



7. Confirm the information (Portocol - Raw - Raw Settings - Port Number: 9100), then click "OK".



The dialog box is titled "Configure Standard TCP/IP Port Monitor". It has a "Port Settings" tab. The "Port Name" field contains "192.168.123.100_1". The "Printer Name or IP Address" field contains "192.168.123.100". Under the "Protocol" section, the "Raw" radio button is selected, and the "LPR" radio button is unselected. The "Raw Settings" section contains a "Port Number" field with the value "9100". The "LPR Settings" section contains a "Queue Name" field, an unchecked checkbox for "LPR Byte Counting Enabled", and an unchecked checkbox for "SNMP Status Enabled". Below the "SNMP Status Enabled" checkbox, there is a "Community Name" field with the value "public" and an "SNMP Device Index" field with the value "1". At the bottom right, there are "OK" and "Cancel" buttons.

Port Settings

Port Name: 192.168.123.100_1

Printer Name or IP Address: 192.168.123.100

Protocol

☒ Raw ☐ LPR

Raw Settings

Port Number: 9100

LPR Settings

Queue Name:

☐ LPR Byte Counting Enabled

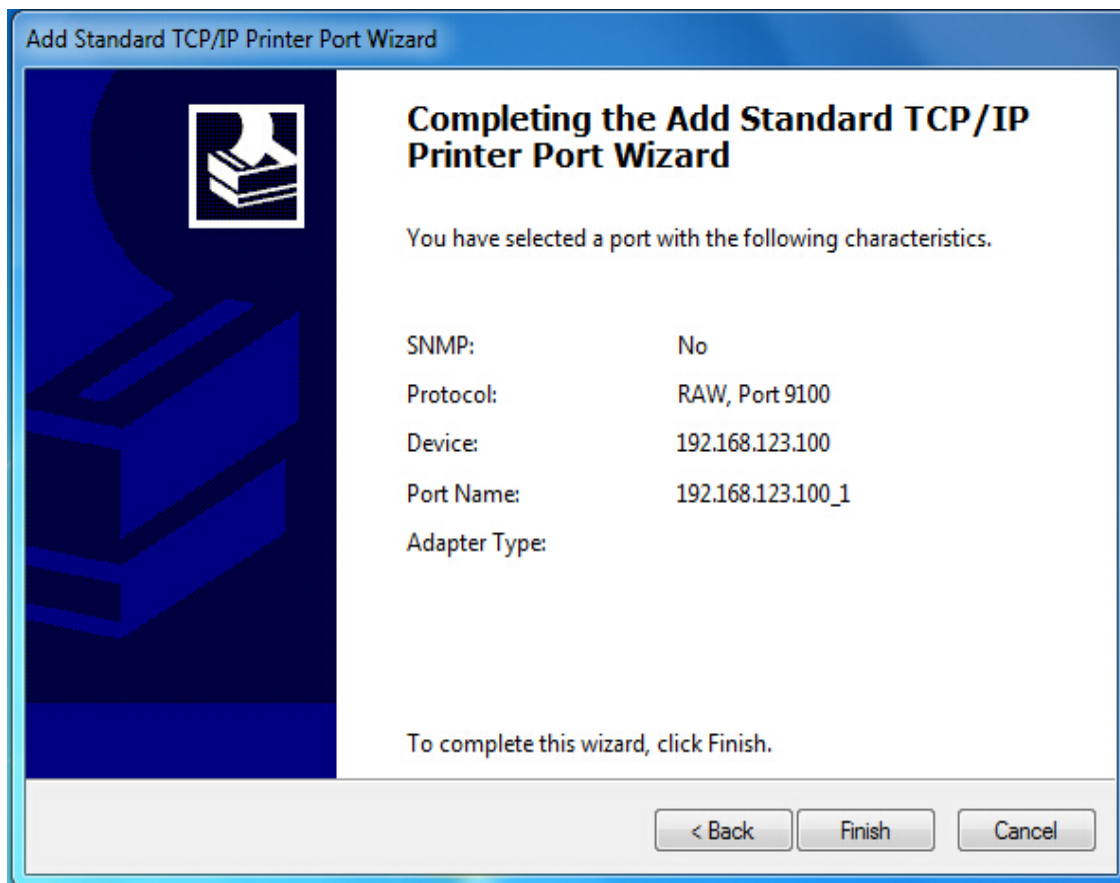
☐ SNMP Status Enabled

Community Name: public

SNMP Device Index: 1

OK Cancel

8. Click "Finish" to complete the new Ethernet port creation.



The wizard is titled "Add Standard TCP/IP Printer Port Wizard". It has a blue background with a printer icon. The main text reads "Completing the Add Standard TCP/IP Printer Port Wizard". Below this, it says "You have selected a port with the following characteristics." A list of characteristics is shown: "SNMP: No", "Protocol: RAW, Port 9100", "Device: 192.168.123.100", "Port Name: 192.168.123.100_1", and "Adapter Type:". At the bottom, it says "To complete this wizard, click Finish." At the bottom right, there are "< Back", "Finish", and "Cancel" buttons.

Add Standard TCP/IP Printer Port Wizard

Completing the Add Standard TCP/IP Printer Port Wizard

You have selected a port with the following characteristics.

SNMP: No

Protocol: RAW, Port 9100

Device: 192.168.123.100

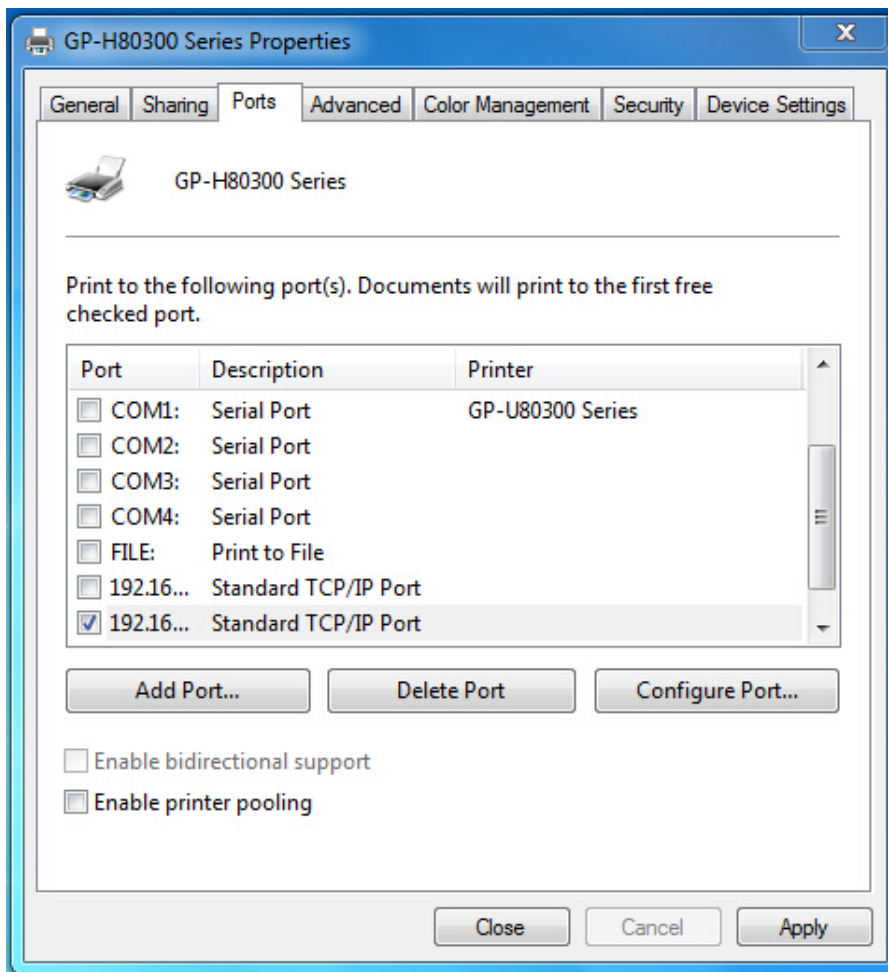
Port Name: 192.168.123.100_1

Adapter Type:

To complete this wizard, click Finish.

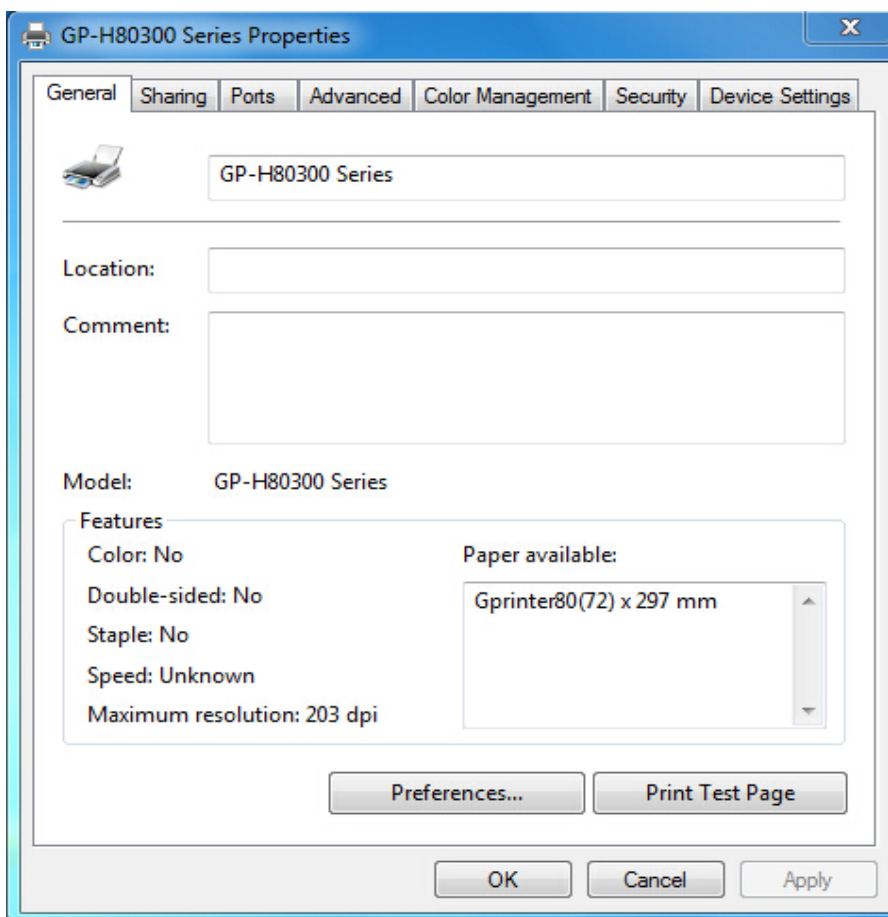
< Back Finish Cancel

9. After Ethernet port creation, click "Printer Properties" - "Ports", select the created new Ethernet port and apply.



10. Click "General" - "Print test page" - "OK".

If the test page is printed successfully, that indicates a successful installation.



Thanks for choosing Gprinter