




## BIXOLON SRP-330/332III Network Connection Instructions

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# BIXOLON®

### BIXOLON SRP-330/332III Network Connection



### Caution

Electronics, such as printers, are prone to damage by static electricity. Therefore, to protect the printer from static electricity, be sure to turn off the printer before connecting or disconnecting the cable to the rear of the printer. If the printer is damaged by static electricity, contact your local dealer.

## Manual Information

To change the printer settings, establish a connection by configuring its LAN and the network settings of the host e.g., PC, PDA.

## Specifications

CATEGORIES	FEATURE	IMPLEMENTATION
LAN Specification	Interface	10/100 Base-T All in one(Auto detection)
	Protocol	DHCP Client, HTTP, ARP, ICMP, IPv4, TCP, UDP

## How to Connect

To change the printer settings, establish a connection by configuring its LAN and the network settings of the host e.g., PC, PDA.

### Connecting Printer

- Connect the LAN cable to the printer. Establish a connection with the hub or host using a LAN cable. For LAN configuration, use “Net configuration tool”.

### Checking Network Setting

- After the printer has finished booting, open the printer cover and press and hold the FEED Button for 5 seconds. This will cause the interface setting confirmation mode. Then add the paper, close the cover, and check that the following message is printed.

#### Checking Interface Setting

- **0:** Exit
- **1:** WLAN Information Print
- **2:** WLAN Factory Reset and Reboot Printer
- **3 or more:** None

Select Modes by Feed button control as below.

- Step 1. Short-press as many times as The mode number to choose.
- Step 2. Long-press over 1 second.

\*e.g. To choose Mode 2, press Feed Button 3 times(short-short-long)

If the above message is printed, select Mode 1, and you will see the following WLAN data. (To select Mode 1, press the Feed button once quickly/ once long.)

## LAN SETTING

- **MAC ADDRESS** : 00:15:94:C2:6B:A8
- **IP ADDRESS**: 192.168.0.48
- **SUBNET MASK**: 255.255.255.0
- **GATEWAY**: 192.168.0.1
- **PORT**: 9100
- **INACT. TIME** : 0

<LAN Information Printing >

## LAN Setting Values

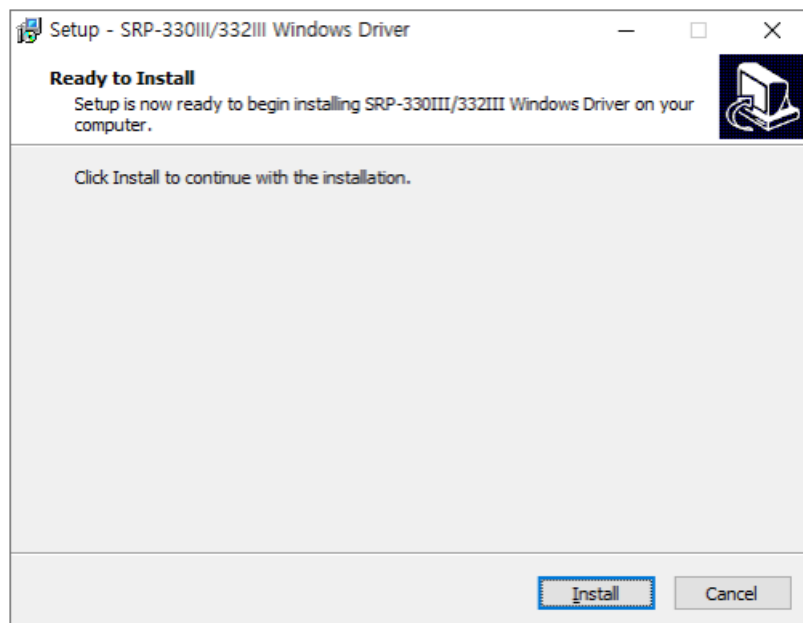
Classification	Item	Description	Input Range
Network	Inactivity Time	TCP connection hold time	0~3600 integer
	IP Assignment Method	IP Assignment Method	DHCP/Manual
	IP Address	Printer IP	IP Address
	Subnet Mask	Subnet mask	IP Address
	Gateway	Default Gateway	IP Address

For changing network setting values using Net configuration tool, Refer to 'Net configuration tool manual'.

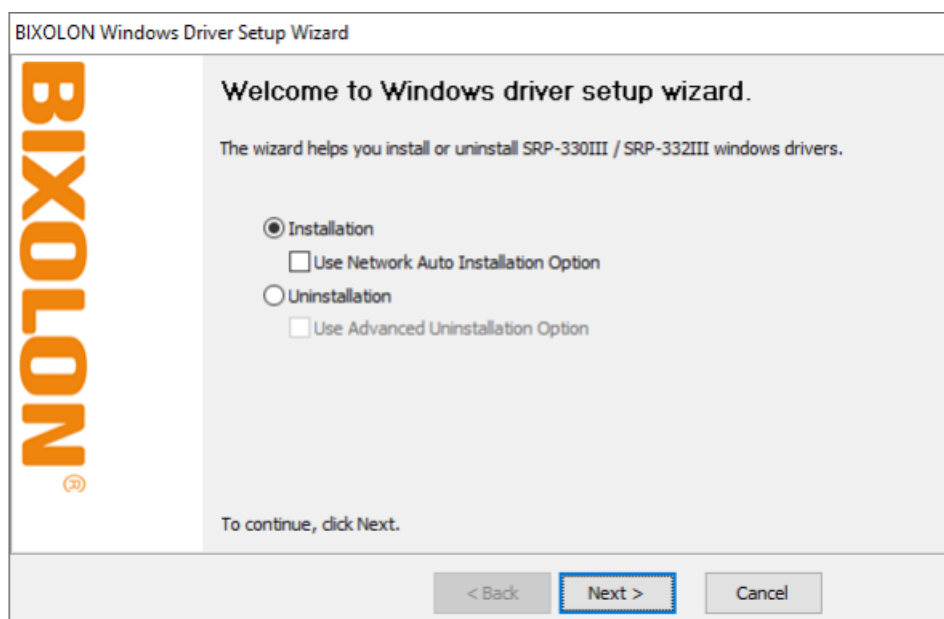
## Ethernet Test by using Windows Test Page

You can use the Windows printer driver as shown below when there is no test program. Operating systems that allow you to use the Windows printer driver are Windows, XP, Server 2003, VISTA, 2008 Server, 7, 8, 10. You can download the latest version of Windows driver from our home page. ([www.bixolon.com](http://www.bixolon.com))

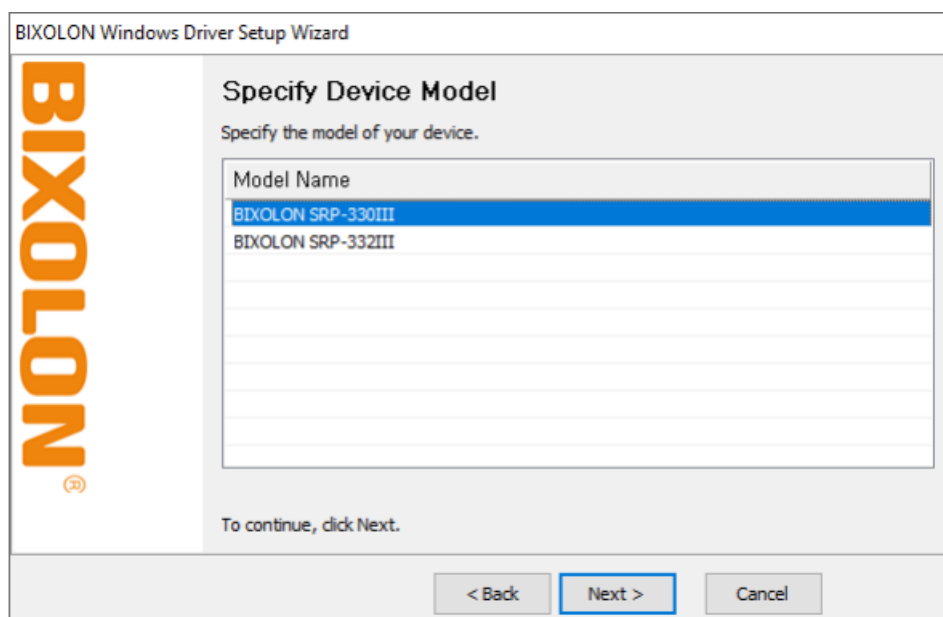
1. Double-click the Windows Driver installation file.
2. Click Install.



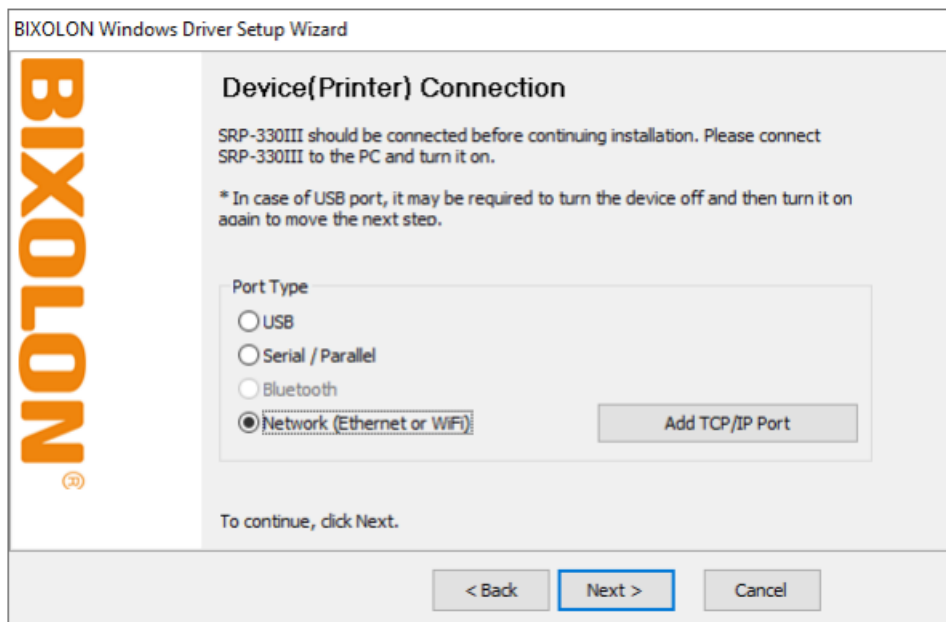
3. Select Installation and click Next.



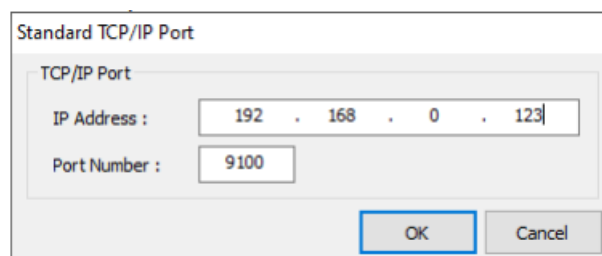
4. Select Model Name and click Next.



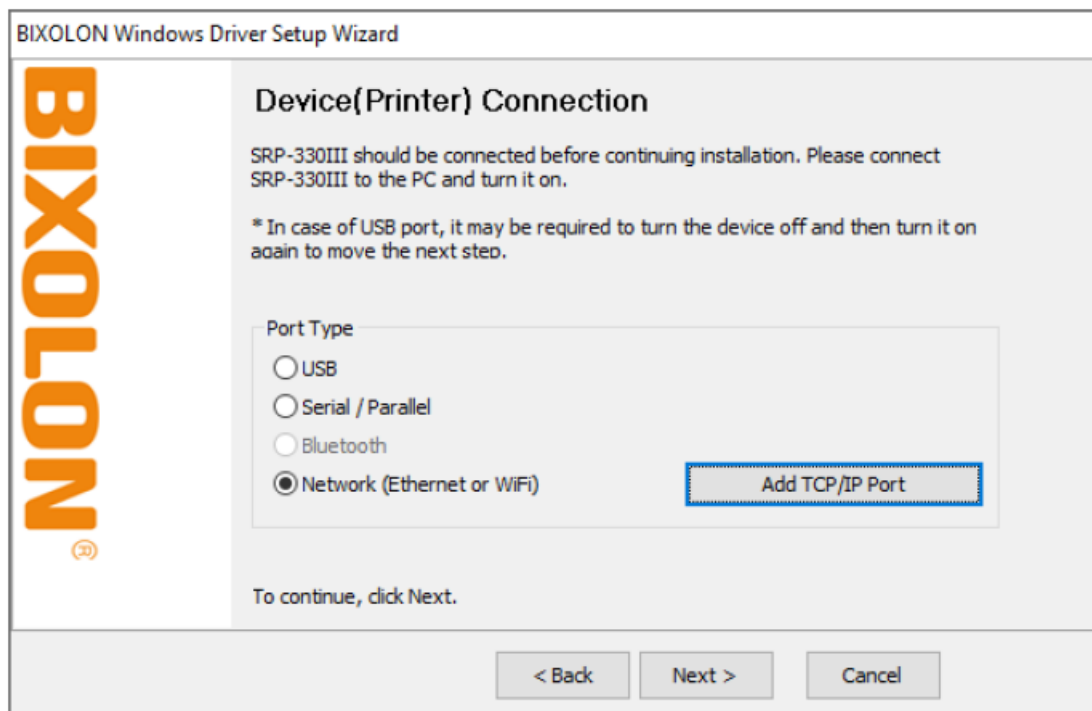
5. Select Ethernet and click Add TCP/IP Port.



6. Enter the IP address and port number, and then click Next.




7. Click Next.



8. Click Next.

BIXOLON Windows Driver Setup Wizard



## Specify Port

Specify the port that you are using.

Port	Type
IP_192.168.0.123	Standard TCP/IP Port
192.168.100.75	Standard TCP/IP Port


To continue, click Next.

Configure Port

< Back
Next >
Cancel

9. Click Next.

BIXOLON Windows Driver Setup Wizard



## Completing the Windows driver setup wizard.

A new windows driver will be installed using the following settings:

Model : BIXOLON SRP-330III

Port : IP\_192.168.0.123

Manufacturer : BIXOLON

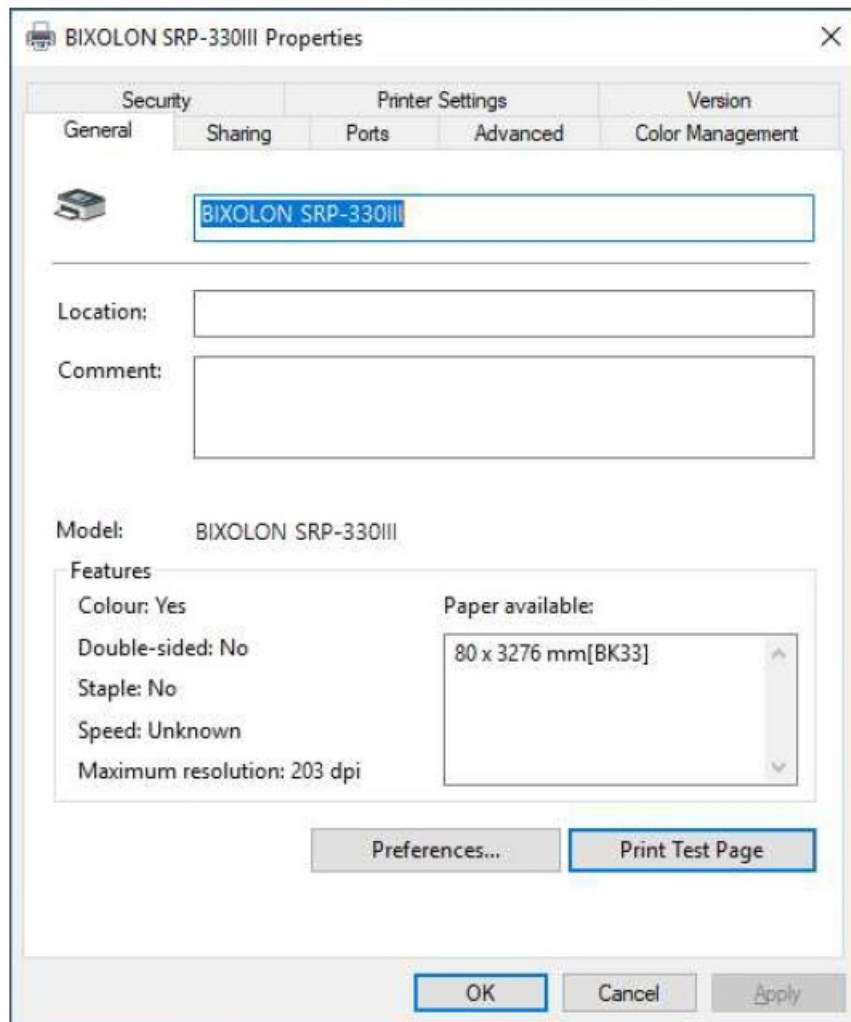
Version : 1.0.0.0

To continue, click Next.

< Back
Next >
Cancel

10. Click Finish.





## Factory Reset

### Initializing LAN Setting

- This function changes the LAN settings of the printer to the initial factory settings.
- After the printer has finished booting, open the printer cover and press and hold the FEED Button for 5 seconds. This will cause the interface setting confirmation mode. Then add the paper, close the cover, and check that the following message is printed.

### Checking Interface Setting

- **0:** Exit
- **1:** LAN Information Print
- **2:** LAN Factory Reset and Reboot Printer
- 3 or more: None

Select Modes by Feed button control as below.

- Step 1. Short-press as many times as The mode number to choose.
- Step 2. Long-press over 1 second.

e.g. To choose Mode 2, press Feed Button 3 times(short-short-long)

If the above message is printed, select Mode 2, and you will see the following LAN data. (To select Mode 2, press the Feed button twice quickly/ once long.) After the above message is printed, the printer will automatically reboot.

LAN FACTORY RESET OK! Reboot Printer.

### Factory Reset Values

LAN	Network	Inactivity time	0
		IP Assignment	Automatic(DHCP)
		Method	
		Local Port	9100

### Troubleshooting

	[IP Address]
	Check the band of the IP Address. Check whether the bands
<b>Check network</b>	of the printer and the AP (or wireless terminals) are the same. The first three digits of the four digit value of the IP address
<b>setting</b> <b>(Refer to</b>	must be the same.
<b>Configuration for</b>	[Subnet Mask]
<b>checking/changing</b>	Check whether the subnet mask of the printer matches the
<b>the printer</b> <b>settings)</b>	one in AP (or wireless terminal).
	[Port] Check whether the port configured in the printer and the host (PC, PDA) are the same.
<b>PING Check</b>	<p>[Checking IP collision]</p> <p>When entering IP address manually without using DHCP, you must check whether the corresponding IP address is used by other equipment. The printer may not work normally when there is a collision in the IP address.</p> <p>When the printer is turned off, carry out the Ping Test to the printer IP.</p> <p>[Ping TEST]</p> <ol style="list-style-type: none"> <li>1) Turn off the printer.</li> <li>2) Select "Run" from the Windows Start menu, and then enter "cmd".</li> <li>3) Enter "ARP -d" and delete ARP table.</li> <li>4) Enter "ping {printer IP}".</li> <li>5) ARP -d, ping {IP address}</li> </ol>

```

C:\WINDOWS\system32\cmd.exe

C:\Minicommand and Settings>ipconfig

C:\Minicommand and Settings>ping 192.168.1.111

Pinging 192.168.1.111 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.1.111:
    Packets: Sent = 4, Received = 0, Loss = 100% (Loss),
C:\Minicommand and Settings>

```

When you see “Request timed out.” as shown below, it means that there is no collision. The corresponding IP can be used.

```

C:\WINDOWS\system32\cmd.exe

C:\Minicommand and Settings>ping 192.168.1.111

Pinging 192.168.1.111 with 32 bytes of data:

Reply from 192.168.1.111: bytes=32 time=116ms TTL=64
Reply from 192.168.1.111: bytes=32 time=116ms TTL=64
Reply from 192.168.1.111: bytes=32 time=116ms TTL=64
Reply from 192.168.1.111: bytes=32 time=116ms TTL=64

Ping statistics for 192.168.1.111:
    Packets: Sent = 4, Received = 4, Loss = 0% (0% loss),
Approximate round trip times in milliseconds:
    Minimum = 116ms, Maximum = 116ms, Average = 116ms
C:\Minicommand and Settings>

```

On the other hand, if there is a reply as shown below, then the corresponding IP is used by another network terminal and it cannot be used for the printer IP.

Inactivity Time

If multiple host devices are used with one printer, “Inactivity Time” is Recommended.  
 (Other host devices are restricted to use a printer if one host device keep connecting to a printer.) ex) 5sec

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<http://www.bixolon.com>

## Documents / Resources

 <b>Network Connection Manual</b> <b>SRP-330/332III</b> Ver. 1.00	<a href="#"><u><b>BIXOLON SRP-330/332III Network Connection</b></u></a> [pdf] Instructions SRP-330 332III Network Connection, SRP-330, SRP-332III, SRP-330 Network Connection, SRP-332III Network Connection, Network Connection
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