

Thermal POS Printer

Ver. 1.01

www.bixolon.com

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Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer "OFF", before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer "OFF".

1. Introduction

This Network manual provides information on the connection of network with the Industrial Label printer.

2. Precaution

- 1) The printer has to be within 100m(Outdoor) from AP(Access point) to connect WLAN. Although 35m is able to communicate in door, WLAN could be affected by environment to be shorten.
- 2) The maximum separating distance may be shortened if transmission obstacles, such as cement walls, are present.
- 3) If a device (such as a microwave oven, wireless LAN, etc.) that uses the same frequency is present, transmission may be interrupted. Separate the printer and Bluetooth-enabled device from such interrupting devices by a distance of at least 5m.

3. Specification

Categories	Feature	Implementation
	Interface	10/100 Base-T All in one(Auto detection)
LAN	Protocol	DHCP Client, HTTP, ARP, ICMP, IPv4, TCP, UDP
	Operation Mode	Infrastructure, Soft AP, Ad-hoc, Wi-Fi Direct
	Wireless Standard	IEEE 802.11b/g/n, IEEE 802.11a/b/g/n
	Range	Up to 100m free space (Outdoor)
WLAN		WEP64/128
		WPA1/2 - PSK
	Security	WPA1/2 – Enterprise
		(EAP-TLS, EAP-TTLS, PEAP, LEAP,
		EAP-FAST)
	Management	WLAN Configuration tool, HTTP,
	Management	Smart connection APP

4. How to Connect

Both Ethernet and WLAN can be configured through the printer's LCD Display, USB, Ethernet or WLAN interface.

When you want to change the Ethernet or WLAN of the printer, the network settings of the host(PC, PDA, etc) and Ethernet or WLAN of the printer must configured properly configured so that communication can be established.

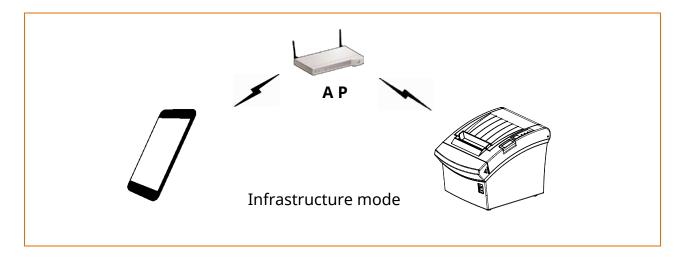
4-1 Connecting Printer

1) USB cable

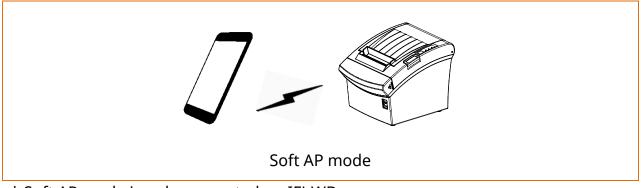
Connect USB cable to Printer, PC device. Use the "Net Configuration Tool" to adjust the settings.

2) WLAN

Connect to the AP (Access Point) configured in Infrastructure mode in order to connect to the LAN/wireless network



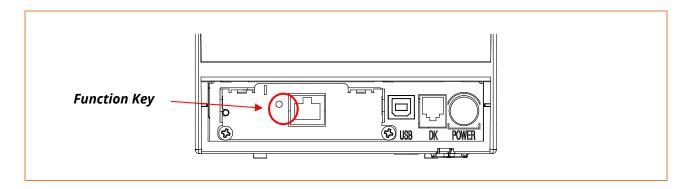
In order to configure the network between the wireless host device and the printer, set the printer to Soft AP Mode.



* Soft AP mode is only supported on IFJ-WD.

4-2 Check Network Setting

4-2-1 Ethernet Interface Card



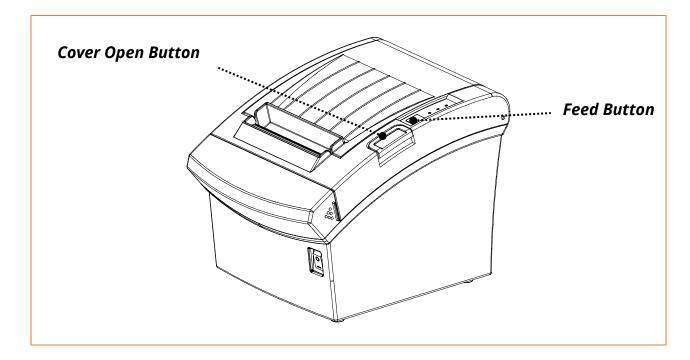
When the printer is booted, press the function button to output the network setting value. It takes about 10 seconds to apply the LAN setting after turning on the power.

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 >

4-2-2 On-Board Ethernet / WLAN

4-2-2-1 Standard model (Excluding SRP-Q300II)



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.



Error/Paper LED toggles when WLAN boots up. The number of interface setting information may be different for each interface type of the product. Checking Interface Setting 0: Exit 1: LAN Information Print 2: LAN Factory Reset and Reboot Printer 3: WLAN Information Print 4: WLAN Factory Reset and Reboot Printer 5 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 / 3, and you will see the following LAN data.

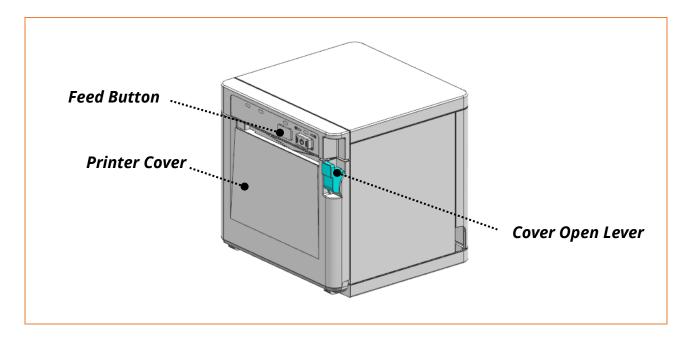
- To select Mode 1, press the Feed button once quickly/ once long.
- To select Mode 3, press the Feed button three times quickly/ once long.

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 >

WLAN SETTING
WLAN F/W VERSION : 02.00(3930)
SYSTEM NAME : SRP-350plusV
NETWORK MODE : SOFT AP
FREQUENCY : (Priarity) 2.4GHz/5GHz
AUTHENTICATION : OPEN
ENCRYTION : NONE
ESSID : PRINTER_B03223
DHCP : ENABLED
IP ADDRESS : 192.168.1.1
SUBNET MASK : 255.255.255.0
GATEWAY : 192.168.1.2
PORT : 9100
WLAN MACADDRESS :
0 0 1 5 9 4 B 0 3 2 2 3

< WLAN Information Printing >



After the printer has completed booting, open the printer cover and place the paper right away. To start Self-test, press FEED button and then close the printer cover. Please check 'Ethernet configuration, WLAN configuration' on the SRP-Q300II SELF TEST INFORMATION.

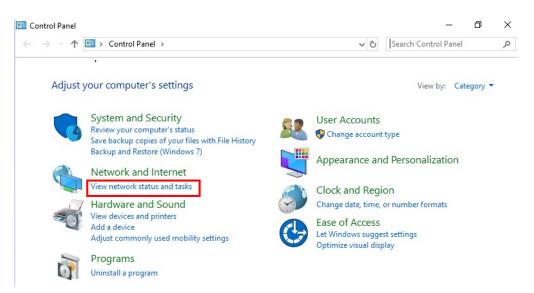
SRP-Q300II SELF TEST INFC Firmware Version	DRMATION V0x.xx STB xxxxxx
Configuration	
Ethernet configuration	
WLAN configuration	
SELECT MODES BY PRESS Exit SELF-TEST : Less t Mode Selection : 1 sec	han 1 second

4-3 Initial Wireless LAN Connection (Windows 10)

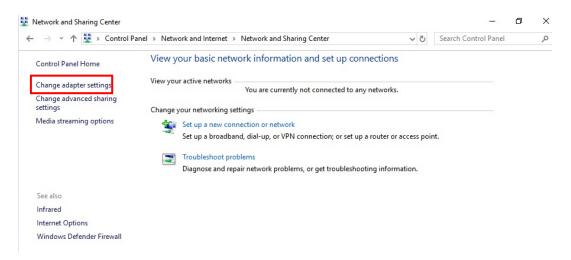
- If a wireless LAN utility program is installed, set it using the program or exit the wireless program and set it in the following orders.
- 1) Search the "Control Panel" and then Click the "Open".

≡	All Apps Documents Settings	Photos	More \checkmark	Feedback	
ŵ	Best match				
	Control Panel • Desktop app	\rightarrow			
	Apps				
	🔂 Settings	>	Control Panel		
	Intel® Graphics Control Panel	>	Desktop app		
	NVIDIA Control Panel	>	□ Open		
			Recent		
			System		
			_ /		
ŝ					
2					
	🔎 Control Panel				
	오 🛱 🔚 렪 🌍				

2) Search the "Control Panel" and then Click the "Open".



3) Click the "Change adapter settings".



Click the "WiFi Properties".

4) Select Internet Protocol Version 4(TCP/IPv4), and then click Properties.

 Wi-Fi Properties Networking 	×
Connect using:	
Intel(R) Wireless-AC 9260 160MHz	
Configure This connection uses the following items:	
Client for Microsoft Networks File and Printer Sharing for Microsoft Networks Green Waterwall NDIS LightWeight Filter QoS Packet Scheduler Internet Protocol Version 4 (TCP/IPv4)	^
	~
Install Uninstall Properties	
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.	
OK Can	el

5) Set the IP settings as shown below, and then click OK.

Internet Protocol Version 4 (TCP/IPv4	4) Properties X
General Alternate Configuration	
You can get IP settings assigned auto this capability. Otherwise, you need t for the appropriate IP settings.	
Obtain an IP address automatica	ally
O Use the following IP address:	
IP address:	
Subnet mask:	· · · ·
Default gateway:	
Obtain DNS server address auto	omatically
Use the following DNS server ad	dresses:
Preferred DNS server:	
Alternate DNS server:	
Validate settings upon exit	Advanced
	OK Cancel

6) Click the "Set up a new connection or network".

Network and Sharing Center		3 — 3	đ	
→ * ↑ 整 > Control Pa	anel > Network and Internet > Network and Sharing Center 🗸 💆 Se	earch Control Panel		
Control Panel Home	View your basic network information and set up conne	ctions		
Change adapter settings	View your active networks You are currently not connected to any ne	etworks.		
Change advanced sharing settings	Change your networking settings			
Media streaming options	Set up a new connection or network Set up a broadband, dial-up, or VPN connection; or set up a ro	outer or access point		
	Troubleshoot problems Diagnose and repair network problems, or get troubleshooting	g information.		
See also				
Infrared				
Internet Options				
Windows Defender Firewall				

7) Click the "Manually create a wireless network".

hoose a con	nection option		
	t to the Internet broadband or dial-up connection to the Internet.		
📸 Set up a	new network new router or access point.		
	y connect to a wireless network t to a hidden network or create a new wireless profile.		
Connect	t to a workplace dial-up or VPN connection to your workplace.]	

8) 'Network name' = PRINTER_XXXXXX 'Security type' = Open,

Check "Start this connection automatically",

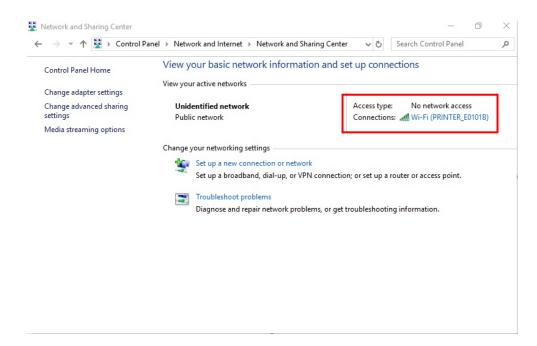
"Connect even if the network is not broadcasting" and then click the "Next"

Network name:	PRINTER_E0101B	
Security type:	No authentication (Open) \vee	
Encryption type:	None	
Security Key:	Hide characters	
	ction automatically the network is not broadcasting select this option, your computer's privacy might be at risk.	

9) Click the "Close".

		-		X
\leftarrow	Manually connect to a wireless network			
	Successfully added PRINTER_E0101B			
	→ Change connection settings Open the connection properties so that I can change the settings.			
			Clo	se

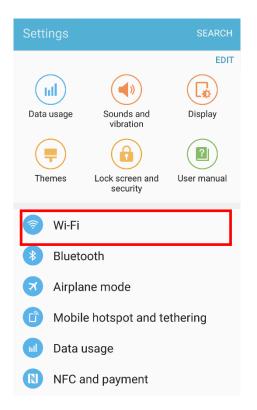
10) After completing configuration, PRINTER_XXXXXX network will be created.



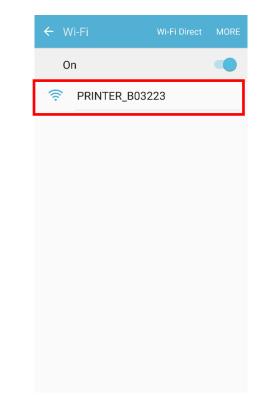
When the printer is set to the default value (Soft-AP mode, SSID: PRINTER_XXXXXX), it will automatically connect.

4-4 Initial Wireless LAN Connection (Android Soft AP mode)

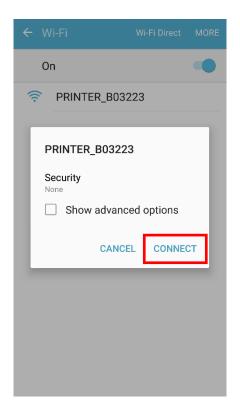
1) Select "Wi-Fi".



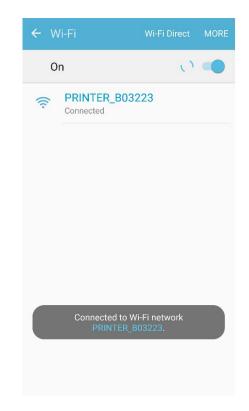
2) Select the printer to connect.



3) Select "CONNECT".

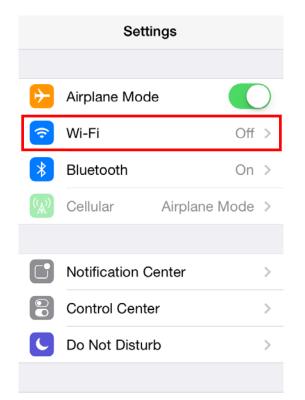


4) Wi-Fi communication is available.



4-5 Initial Wireless LAN Connection (iOS Soft AP mode)

1) Select "Wi-Fi".

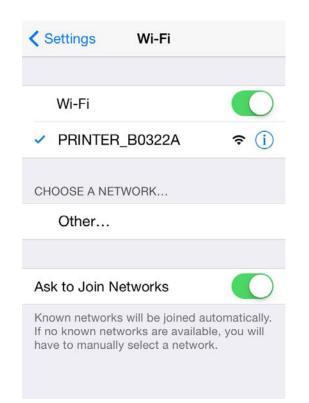


2) Wi-Fi ON and Select the printer to connect.

Settings	Wi-Fi	
Wi-Fi		
CHOOSE A NE	TWORK	
PRINTER	R_B0322A	∻ (i)
Other		
Ask to Join N	letworks	
	ks will be joined a tworks are availat	

have to manually select a network.

3) Wi-Fi communication is available.



4-6 How to change Infrastructure mode

1) Enter the IP address of the printer in the address bar, and the following login window will pop up. Enter the ID and Password set for the printer, and then click [LOG IN]

Default User Nar	me: admin, Password: passwor	d
	192.168.1.1 ORE	
	Authentication Required The server http://192.168.1.1:80 requires a username and password. User Name: admin Password: CANCEL	
- 1	Image: Second system Image: Second system Back Forward Home Bookmarks Tabs	

2) Select "Wireless" to change Wi-Fi mode.

Firmware	39.30	
MAC Address	00:15:94:b0:32:23	
Operation Mode	AP	
SSID	PRINTER_B03223	
Channel	6 [2437 MHz]	
IP Address	192.168.1.1	
Subnet Mask	255.255.255.0	
Gateway	192.168.1.2	

3) Select "Infrastructure", and set SSID, WLAN Security Type.

System <u>Wireless</u>	Wireless Please use the left navigation to property configure and maintain your configuration.						
Network	Connection Type	Infrastructure •					
Traffic	SSID	TEST_AP					
Security	WLAN Security Type	Open 🔻	Enterprise				
Etc		If you try connec	t, this connection will be disconnected.				

4) Reboot the Printer.



For changing network setting values using Net configuration tool, Refer to 'Net configuration tool manual'. The "Net Configuration Tool" manual is available on the home page.

5. Configuration

5-1 LAN Setting Values

Classification	Item	Remarks	Input Range
	Inactivity Time	TCP connection hold time	0~3600 integer(Sec)
Notwork	IP Assignment Method	IP assignment method	DHCP/Manual
Network	IP Address	Printer IP	IP Address
	Subnet Mask	Subnet mask	IP Address
	Gateway	Default Gateway	IP Address
	DNS	Domain name server IP	IP Address

5-2 WLAN Setting Values

Classification	Item	Description	Input Range
HOME -		WLAN setting status display	-
	Network Mode	Wireless LAN operating mode	Infrastructure/Adhoc
	Adhoc Channel	Channel when creating Adhoc network	1~14
	SSID	ID of the AP to connect	1~32 letters
Naturali	Inactivity Time	TCP connection hold time	0~3600 integer
Network	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
	DNS	Domain name server IP	IP Address
	Authentication	Wireless LAN	open, shared,
	Authentication	authentication method	wpa1/2-psk, wpa1/2
	Cryptograph	Wireless LAN encryption method	none, WEP64/128, TKIP, AES
	EAP Mode	Authentication method	none, PEAP, TLS, LEAP, FAST
Authentication	WEP Key	Key for WEP encryption method	WEP64 (5 Ascii, 10 Hex) WEP128 (13 Ascii, 26 Hex)
	PSK Key	Key for PSK encryption method	1~64 letters
	Authentication ID	ID for EAP Authentication	1~32 letters
	Authentication PW	Password for EAP Authentication	1~32 letters



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

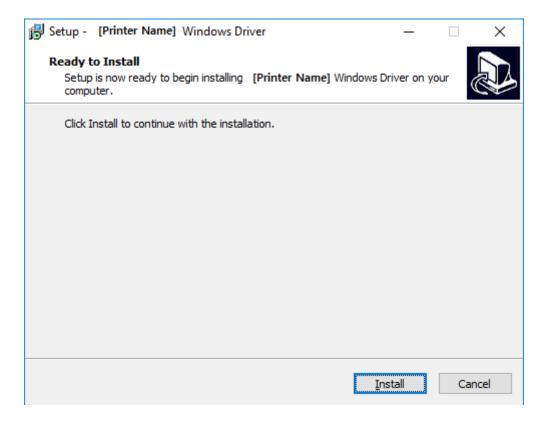
6. Ethernet / WLAN Test by using Windows Test Page

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. (<u>www.bixolon.com</u>)

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



3) Select Installation and click Next.

BIXOLON Windows Driver Setup Wizard					
\Box	Welcome to Windows driver setup wizard.				
	The wizard helps you install or uninstall [Printer Name] windows drivers.				
	Installation Uninstallation				
5					
Z					
	To continue, dick Next.				
	< Back Next > Cancel Finish				

4) Select Model Name and click Next.

BIXOLON Windows Dr	river Setup Wizard
	Specify Device Model Specify the model of your device.
X	Model Name
	BIXOLON [Printer Name 1]
	BIXOLON [Printer Name 2]
	BIXOLON [Printer Name 3]
2	
(3)	
	To continue, click Next.
	< Back Next > Cancel Finish

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

BIXOLON Windows Driver Setup Wizard				
[Printer Name	Device(Printer) Connection			
	<pre>should be connected before continuing installation. Please connect to the PC and turn it on.</pre>			
6	* In case of USB port, it may be required to turn the device off and then turn it on again to move the next step.			
-	O USB			
	O Serial / Parallel O Bluetooth			
2	Network (Ethernet or WiFi) Add TCP/IP Port			
	To continue, dick Next.			
	< Back Next > Cancel Finish			

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

Standard TCP/IP Port							
TCP/IP Port							
IP Address :	192		168	•	100	•	117
Port Number :	9100						
				(ОК		Cancel

7) Click Next.

BIXOLON Windows Driver Setup Wizard				
[Printer Name	Device(Printer) Connection should be connected before continuing installation. Please connect to the PC and turn it on.			
6	* In case of USB port, it may be required to turn the device off and then turn it on again to move the next step.			
5	Port Type O USB O Serial / Parallel			
Ζ	Bluetooth Network (Ethernet or WiFi) Add TCP/IP Port			
(D)	To continue, dick Next.			
	< Back Next > Cancel Finish			

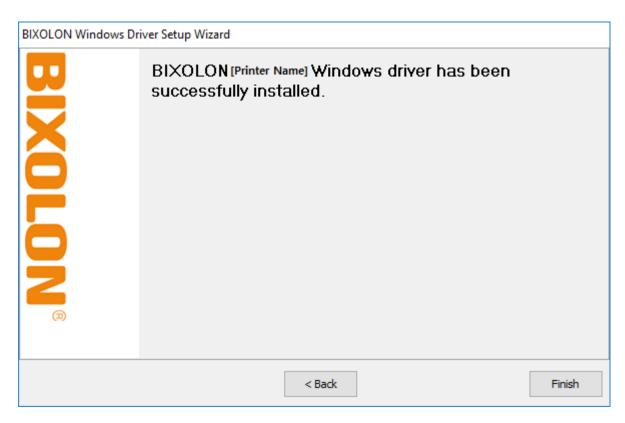
8) Click Next.

BIXOLON Windows Driver Setup Wizard			
	Specify Port Specify the port that you are using.		
	Port	Туре	
	IP_192.168.100.117	Standard TCP/IP Port	
(D)	To continue, click Next.	Configure Port	
		< Back Next > Cancel Finish	

9) Click Next.

BIXOLON Windows Driver Setup Wizard		
	Completing the Windows driver setup wizard.	
$\mathbf{\overline{x}}$	A new windows driver will	l be installed using the following settings:
	Model :	BIXOLON [Printer Name]
	Port :	IP_192.168.100.117
	Manufacturer :	BIXOLON
	Version :	1.1.4.0
	To continue, click Next.	
		< Back Next > Cancel Finish

10) Click Finish.



- 11) Open the printer properties window in the Windows OS.
 - (1) Installing on Windows XP / Server 2003※ Control Panel Printers and Faxes.
 - (2) Installing on Windows VISTA / Server 2008 / 7 / 8 / Server 2012 / 10
 ※ Control Panel Hardware and Sound Device and Printers.
- 12) In the Ports tab, click Configure Port.
- 13) Match the communication settings to those of the printer.

Configure Standard TCP/IP Port Monitor X			×
Port Settings			
<u>P</u> ort Name:		IP_192.168.100.117	
Printer Name or IP <u>A</u> ddress	:	192.168.100.117	
Protocol		◯LPR	
Raw Settings			
Port <u>N</u> umber:	9100		
LPR Settings			
<u>Q</u> ueue Name:			
LPR Byte Counting En	LPR Byte Counting Enabled		
SNMP Status Enabled			
<u>C</u> ommunity Name:	public		
SNMP <u>D</u> evice Index:	1		
		OK Cancel	

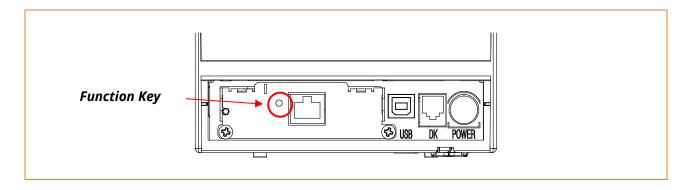
14) Click Print Test Page and check printing status. Proper installation of the driver is indicated if the test page is printed normally.

BIXOLON [Printer Name] Properties					
Security		Printer Settings		Versi	on
General	Sharing	Ports	Advanced	Color Man	agement
\$	BIXOLON	[Printer Name]		
Location:					
Comment:					
M <u>o</u> del: Features Color: Yes	BIXOLON [Printer Name]	Paper availab	le:	
Double-side	d: No		80 x 3276 m	m [Printer Name]	~
Staple: No Speed: Unkr Maximum re		80 or 203 dpi			~
		Pr <u>e</u> fere	nces	Print <u>T</u> est P	age
			ОК	Cancel	<u>A</u> pply

7. Factory Reset

This function changes the LAN settings of the printer to the initial factory settings. - The SSID of the wireless (Wlan) is also reset to Default (Soft AP).

7-1 Initializing Ethernet Interface Setting



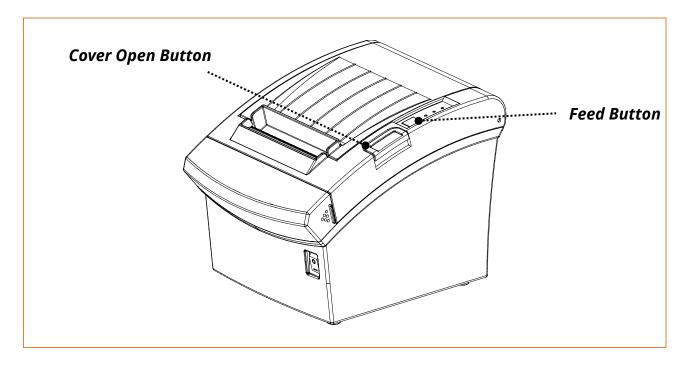
With the printer turned off, press the function key button and turn the printer on. After pressing and holding the function key button for about 5 seconds, release it. The factory reset occurs. Regardless of the current setting, DHCP mode is enabled.

> [Dynamic IP network environment] IP address is assigned to the printer and it can connect to web-server using the assigned IP address. Newly assigned IP address can be checked with the Function key.

[Fixed IP network environment] IP address is not automatically assigned to the printer. Wait for 30 seconds and check whether IP address is assigned to the printer by pressing the Function key. If IP address is 0.0.0.0, it means that IP address has not been assigned. In this case, disable DHCP mode using the Configure Tool.

7-2 Initializing On-Board Ethernet / WLAN Setting

7-2-1 Standard model (Excluding SRP-Q300II)



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: WLAN Information Print 4: WLAN Factory Reset and Reboot Printer 5 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)

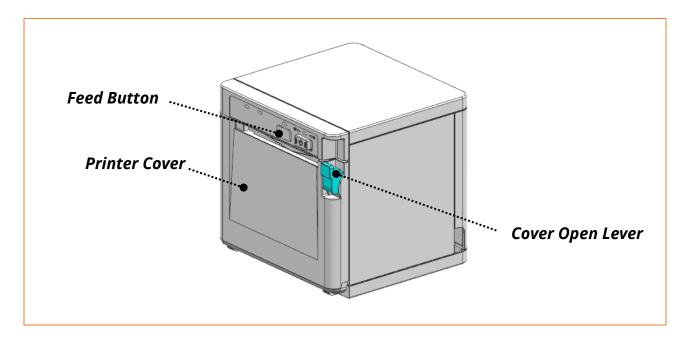
If the above message is printed, select Mode 2 / 4, and you will see the following WLAN information.

- To select Mode 2, press the Feed button twice quickly / once long.
- To select Mode 4, press the Feed button four times quickly / once long.

LAN(WLAN) Factory Reset OK! Reboot Printer.

After the above message is printed, the printer will automatically reboot.

7-2-2 SRP-Q300II



After the printer has completed booting, open the printer cover and place the paper right away. To start Self-test, press FEED button and then close the printer cover.

SRP-Q300II SELF TEST INFO Firmware Version	RMATION V0x.xx STB xxxxxx
Configuration	
Ethernet configuration	
WLAN configuration	
SELECT MODES BY PRESS Exit SELF-TEST : Less th Mode Selection : 1 sec	nan 1 second

Once self-test printing is complete, press and hold the button to enter "Mode Selection".

Mode Selection 0: Exit 1: VMSM Selection Mode 2: Interface Setting 3: Hexadecimal Dumping 4 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)	

When the above message is displayed, select Mode No. 2 'Interface Setting'. To choose Mode No 2, press the Feed button 3 times, short-short-long. (Press the Feed button short-press twice and long-press over 1 second.)

Interface Setting
0: Exit
1: LAN Factory Reset
2: SWC mode
3: WLAN Factory Reset
4 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)

When the above message is displayed, select Mode No. 1 'LAN Factory Reset' or Mode No 3 'WLAN Factory Reset'.

To choose Mode No 3, press the Feed button 4 times, short-short-long.

(Press the Feed button short-press three times and long-press over 1 second.)

1(2): LAN(WLAN) Factory Reset

* Do you really want to reset?

1. YES: Press the button 1 second or more

2. NO: Press the button less than 1 second

When the above message is displayed, press the Feed button over 1second to Confirm LAN or WLAN Factory Reset.

LAN(WLAN) Factory reset complete

When the above message is displayed, the printer will automatically reboot.

Factory Reset Values

LAN	Network	Inactivity time	0	
		IP Assignment	Automatic(DHCP)	
LAN	NELWOIK	Method	Automatic(DHCP)	
		Local Port	9100	
		Printer Name	*Printer model	
	System	Printer Port Num	9100	
	System	User ID	admin	
		User Password	password	
	Enc / Auth	Encryption	None/Open	
	Network	Network Mode	Soft AP mode	
WLAN		SSID	PRINTER_{MAC address}	
		Inactivity time	10	
		IP Assignment	Manual (DHCP server)	
		Method	Manual (DITCF Server)	
			IP : 192.168.1.1	
		IP, Subnet, Gateway	Subnet : 255.255.255.0	
			Gateway : 192.168.1.2	

8. Troubleshooting

Check network setting			
	[IP Address] Check whether the IP Address band of the printer rand the AP(or wireless terminals) are the same. The first three digits of the four digit value in the IP Address must be the same.		
When using Ethernet	[Subnet Mask] Check whether the subnet mask of the printer matches with the one in AP(or wireless terminal).		
	[Port] Check whether the port configured in the printer and the host(PC, PDA) are the same.		
	[SSID] Check whether the SSID of the printer matches with the one in AP(or wireless terminal)		
	[802.11 mode] Check whether AP supports 802.11a, 802.11b or 802.11g.		
When using WLAN Check the wireless	[Network Mode] Check the network mode of the printer. Network mode must be set to "Infrastructure" to connect to AP.		
network setting of the AP and the printer. (Refer to Configuration for checking/changing the printer settings)	[IP Address] Check the band of the IP Address. Check whether the band 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 must be the same.		
	[Subnet Mask] Check whether the subnet mask of the printer matches the one in AP(or wireless terminal).		
	[Port] Check whether the port configured in the printer and the host(PC, PDA) are the same.		

[Authentication/Encryption] Check the authentication/encryption setting status.
Check whether the settings of the printer and the
AP(wireless terminals) are the same.

PING Check				
Checking IP collision	1. 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.			
	2. When the printer is turned off, carry out the Ping Test to the printer IP.			
	 Turn off the printer. Search "cmd" and then click "Open". Enter "ARP –d {printer IP}" and delete ARP table. Enter "ping {printer IP}". ARP –d, ping {IP address} 			
	Command Prompt – – × C:#Users#Public#Documents>arp -d 192.168.1.1 C:#Users#Public#Documents>ping 192.168.1.1 Pinging 192.168.1.1 with 32 bytes of data: Reply from 192.168.1.2: Destination host unreachable. Reply from 192.168.1.2: Destination host unreachable.			
	Reply from 192.168.1.2: Destination host unreachable. Reply from 192.168.1.2: Destination host unreachable. Ping statistics for 192.168.1.1: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), C:#Users#Public#Documents>			
Ping TEST	When you see "Destination host unreachable." as shown below, it means that there is no collision. The corresponding IP can be used. 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.			
	C:#Users#Public#Documents>ping 192.168.1.1 Pinging 192.168.1.1 with 32 bytes of data: Reply from 192.168.1.1: bytes=32 time=357ms TTL=64 Reply from 192.168.1.1: bytes=32 time<1ms TTL=64			
	Ping statistics for 192.168.1.1: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = Oms, Maximum = 357ms, Average = 89ms C:#Users#Public#Documents>			

Check Cable		
When using Ethernet	In order to check whether the problem is due to the LAN cable, connect the cable connected to the printer to other terminals or the PC to confirm whether its operation is normal.	
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	

<u>Revision History</u>

Rev.	Date	Description
1.00	07-12-2022	New
1.01	20-12-2023	Add checking and initializing SRP-Q300II network settings