BIXOLON

Software Manual

XCM

Android/Windows

Ver. 1.18

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”.

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1. Manual Information

This manual describes information for using the Bixolon Connection Manager (XCM).

• Bixolon Profile Manager(XPM)
  A solution that allows remote printer status checking and management.

• Bixolon Connection Manager(XCM)
  An agent app that can connect a printer that is not directly connected to XPM to XPM.

2. Operating Environment

2-1 Operating System

• Android OS V6.0 and later
• Windows 10 and later

2-2 Interface

• Android support: Bluetooth, Wi-Fi, USB
• Windows support: Bluetooth, Ethernet, Wi-Fi, USB, Serial



The host of Windows XCM must be connected via Ethernet.

2-3 Models that require installation

• Label Printer

Model Name	USB	Serial	Bluetooth	Ethernet	Wi-Fi
XD5-40 / XD5-43	O	O	O	O	O
XT3-40 / XT3-43	O	O	O	O	O
XT5-40 / XT5-43 / XT5-46	O	O	O	O	O
XL5-40 / XL5-43	O	O	O	O	O
XQ-840 / XQ-843	O	O	-	-	-
XQ-840II / XQ-843II	O	-	-	-	-
XD5-40II / XD5-43II	O	O	O	O	O
XT6-60 / XT6-63	O	O	O	O	O
BT3-40 / BT3-43	O	O	O	O	O
BT5-40 / BT5-43 / BT5-46	O	O	O	O	O
BD5-40 / BD5-43	O	O	O	O	O
XD7-20d / XD7-23d	O	O	O	O	O
XT6-40 / XT6-43/ XT6-46	O	O	O	O	O
XC5-40d / XC5-43d	O	O	O	O	O
SLP-TX400 / SLP-TX420 (Special)	O	O	O	O	O
SLP-DL410 (Special)	O	O	O	O	O
SLP-TX220 (Special)	O	O	O	O	O
SLP-DX220 (Special)	O	O	O	O	O

• Mobile Printer

Model Name	USB	Serial	Bluetooth	Ethernet	Wi-Fi
SPP-L3000	O	O	O	O	O
XM7-20 / XM7-30 / XM7-40	O	O	O	O	O
SPP-R410 / SPP-R310 (Special)	O	O	O	O	O
SPP-R200III (Special)	O	O	O	O	O
SPP-R220 / SPP-R230 (Special)	-	-	O	-	-
SPP-C300 / SPP-C200 (Special)	-	-	O	-	-

• POS Printer

Model Name	USB	Serial	Bluetooth	Ethernet	Wi-Fi
SRP-Q300 / SRP-Q302	O	-	O	O	O
SRP-S300 / SRP-S320	O	O	O	X	O
SRP-380 / SRP-382	O	O	O	X	O
SRP-F310II / SRP-F312II	O	O	O	O	O
SRP-350plusIII / SRP-352plusIII	O	O	O	O	O
SRP-350plusV / SRP-352plusV	O	O	O	O	O
SRP-380plus / SRP-382plus	O	O	O	O	O
SRP-Q300II	O	-	O	O	O
SRP-S300II	O	O	O	O	O
SRP-G300	O	-	-	-	-
SRP-S3000	O	O	O	O	O

• B-gate

Model Name	USB	Serial	Bluetooth	Ethernet	Wi-Fi
BGT-100P / BGT-102P	O	O	O	O	O
SRP-Q300H / SRP-Q302H	O	-	O	O	O
SRP-S300H	O	O	O	O	O
SRP-F310IIH / SRP-F312IIH	O	O	O	O	O

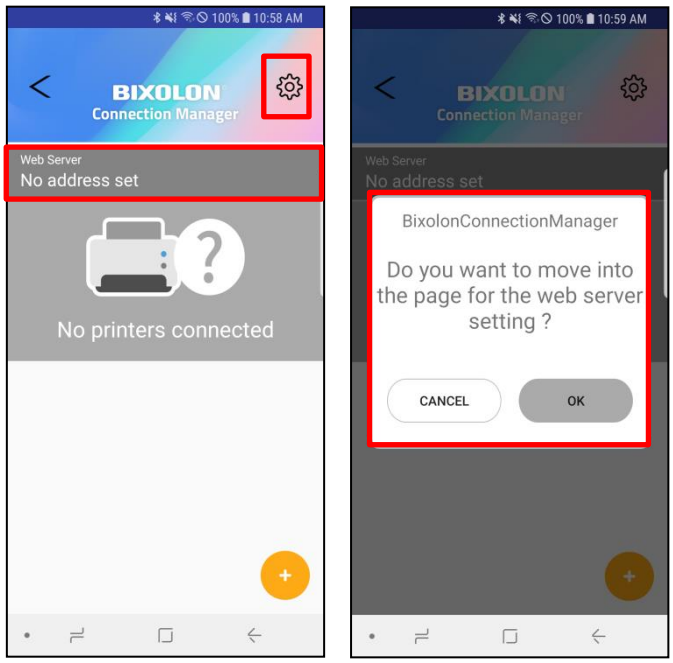


Among the printers supported above, XCM support is not available for models that use an Ethernet interface card.

3. Useful Function

3-1 XPM Server Setting

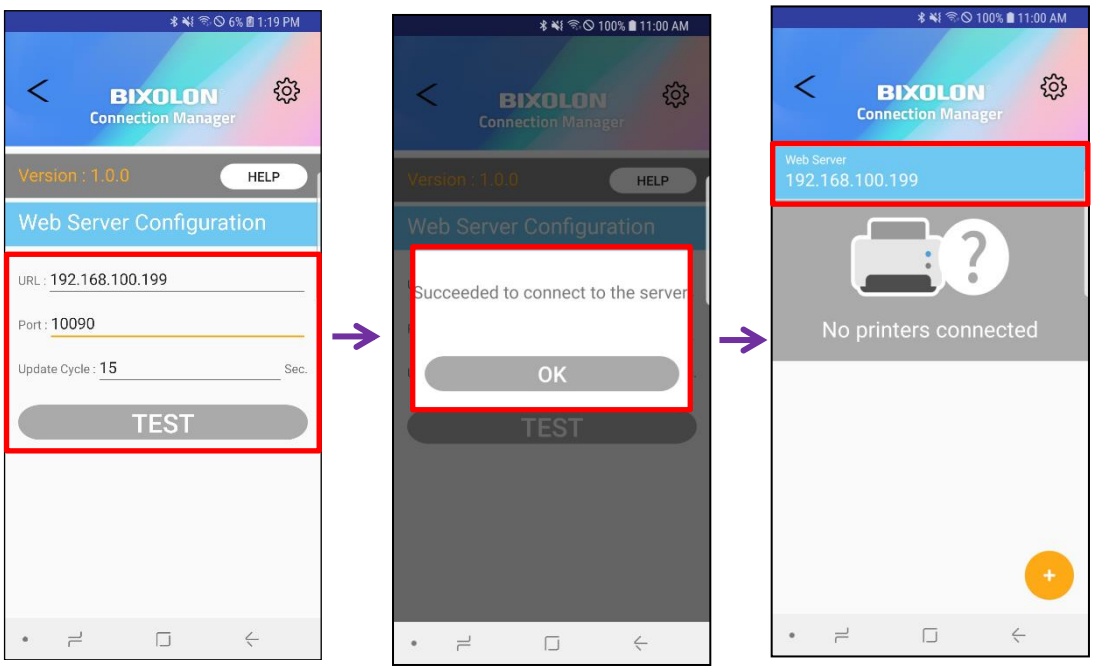
• Go to the screen for XPM server settings.
 - Click the setting button on the upper right of the main screen or the "No printers connected" screen, and move to the server setting screen through the popup window.



• Set the server's URL (IP address), port number, and update cycle (status checking cycle).
 - Update cycle: 5 ~ 300 sec (15 seconds default)

• You can check the connection status of the server you have set up by clicking the "TEST" button.

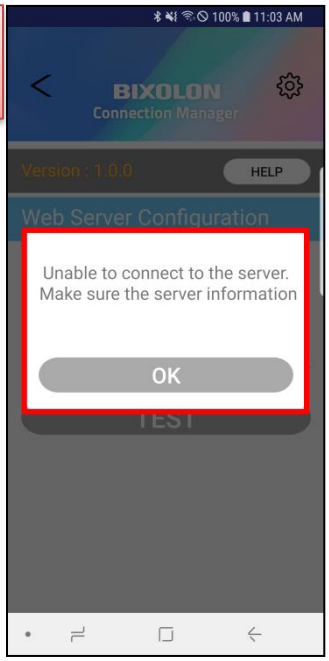
• The server information you set is displayed on the main screen.



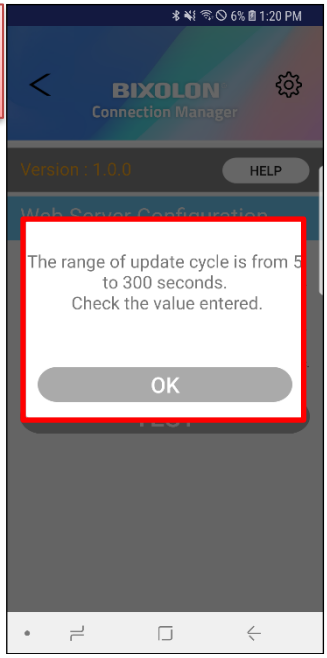
• If the connection to the server is not successful, an error pop-up window will appear as shown in [Screen ①].

• If the cycle of the update cycle is not valid, an error pop-up window will appear as shown in [Screen ②].

①

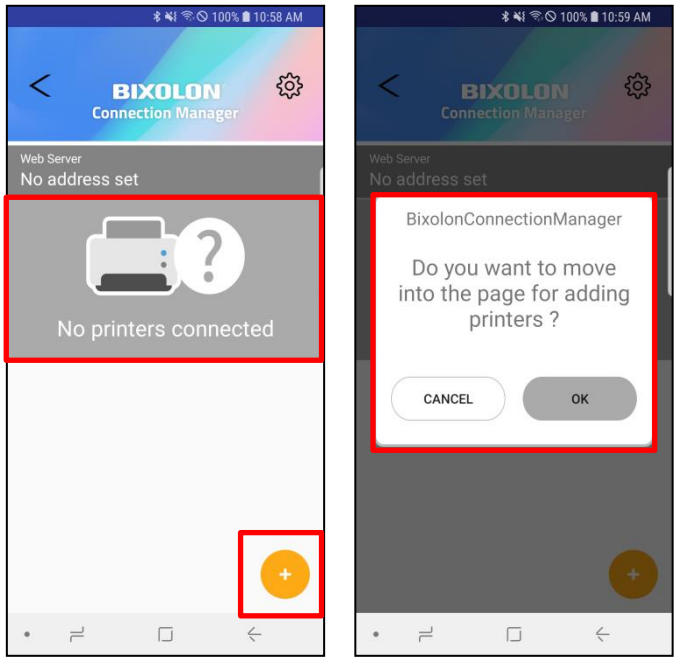


②



3-2 Add Printer

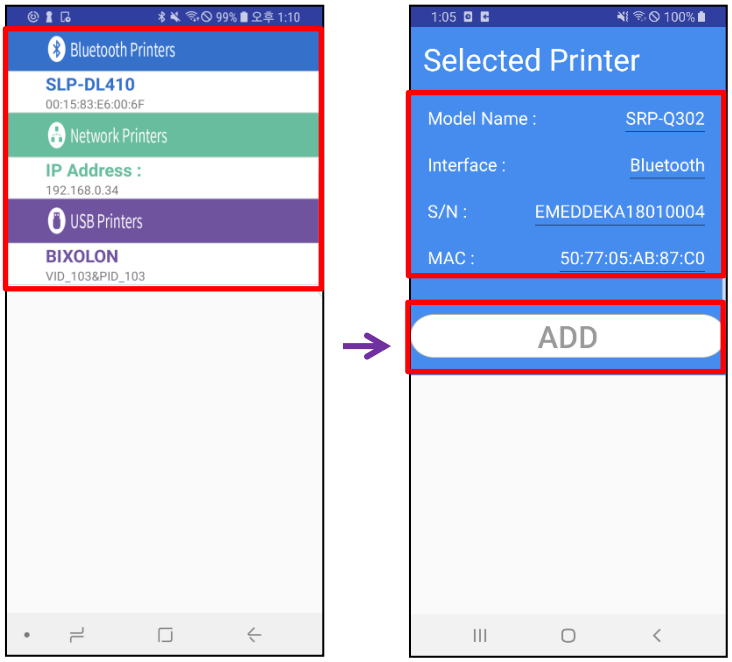
• Go to the "Add Printer" screen to register the printer on the XPM server.
- Click the "+" button on the bottom right of the main screen or the "No printers connected" screen, and move into “Add Printer” screen through a pop-up window.



• It searches for a list of connectable printers and displays them on the screen.
- Common support: Bluetooth, Wi-Fi, USB
- Windows support: Serial (Windows ONLY)

When using a POS printer in XCM, memory switches 9-8 must be enabled and 10-2 must be disabled. For detailed setup instructions, please refer to the Unified POS Utility manual.

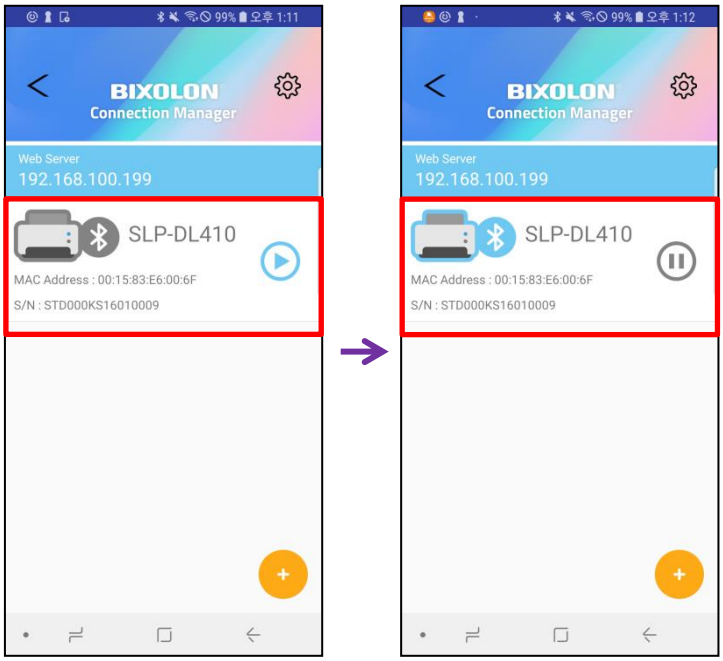
• It reads the model name, serial number, MAC address information from the printer and displays them on the screen.
  - If all information is normal, click the "ADD" button to complete printer adding.



3-3 Connect Printer to XPM Server

• When the information of the added printer is displayed on the main screen, press the play button to proceed with registration to the XPM server.

• If the printer is registered properly in the XPM server, the play button will change to the pause button and the icon will change according to the current printer status.



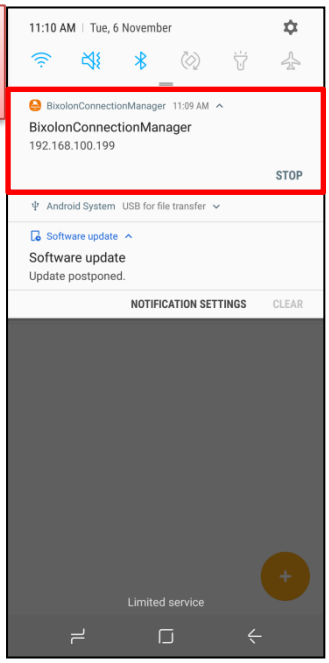
• If the printer indicates an error, the printer icon changes as shown in [Screen ①].

• If the printer is normally registered in the XPM server, XCM is registered as a service and it is displayed in the notification window as [Screen ②]
- If you click the "STOP" button in the notification window, the service is terminated and XPM connection is canceled.
- The XCM service is only supported on Android.

①



②



Icon changes according to printer and server connection status	
Printer connected normally	
Printer in error	
Printer disconnected	
XPM server connected	
XPM server disconnected	

3-4 Delete Printer

<Android>
• Swipe left on the printer to be deleted.
• Click the Delete icon to remove the printer.



<Windows>
• Right-click on the printer to be deleted and the "Remove" button will appear.
Click the 'Remove' button to delete the printer.

3-5 Print

- To print while the XCM is running, network communication to the host device on which the program is running.

Send the print data to port TCP 9100 at the IP address of the device where XCM is running.

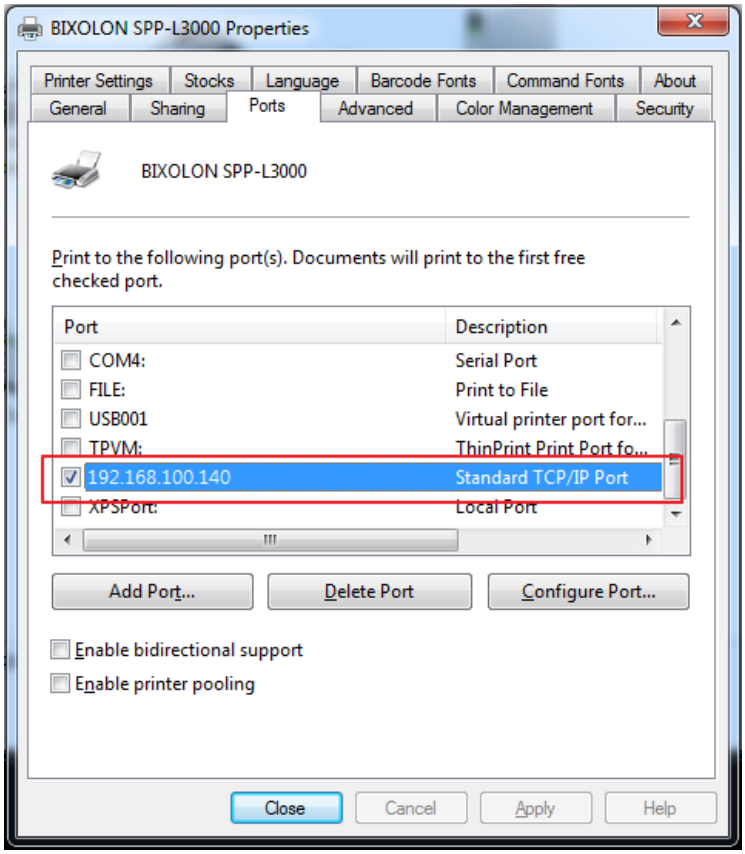
e.g.1) Android Sample App

- If the IP address of the device running XCM is 192.168.0.23, enter the IP after selecting the network in the sample app.



e.g.2) Windows Driver(192.168.100.140)

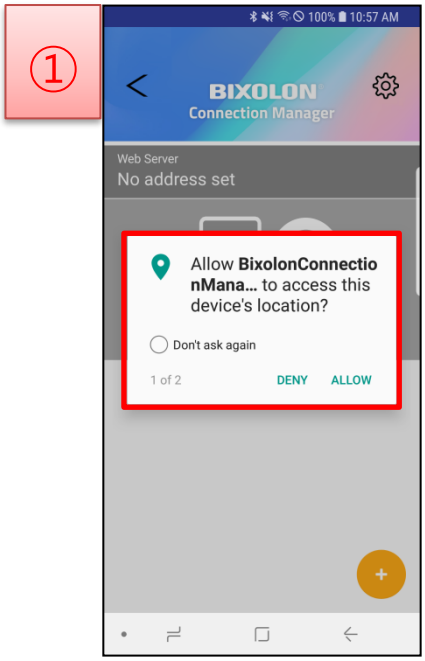
- If the IP address of the device running XCM is 192.168.100.140, select the appropriate IP from the driver port.

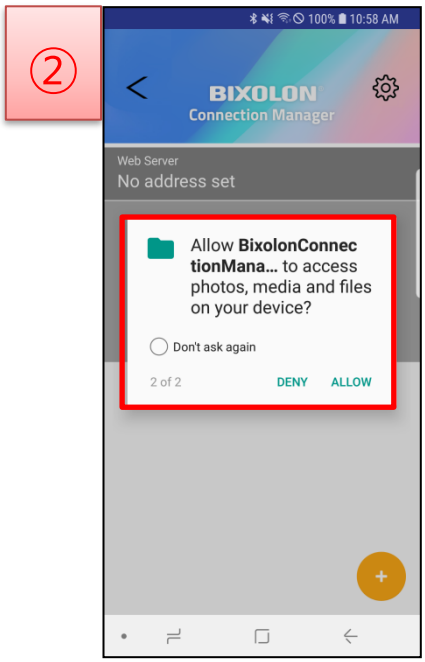


4. Other Functions

4-1 Android Permission Setting

• When executing XCM initially, request permission for Coarse location and file access as shown below.





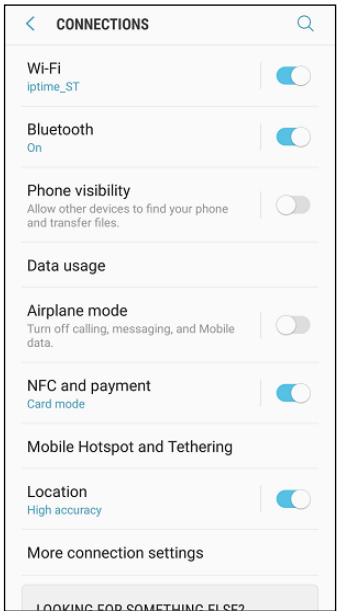
Coarse location permissions: Allows network communication
File access permissions: Allows local DB access

- This permission is only valid for Android.
- XCM may not work properly if the permission is rejected.

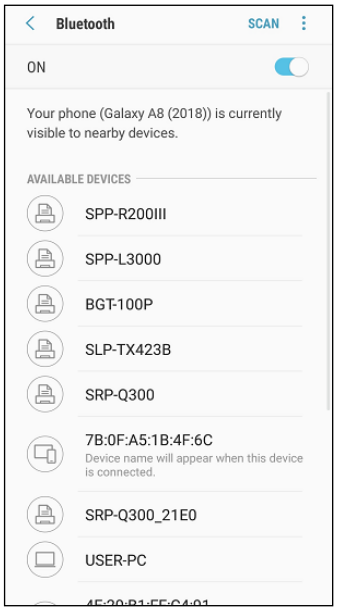
4-2 Android Bluetooth Connection

1) Turn on the printer power.

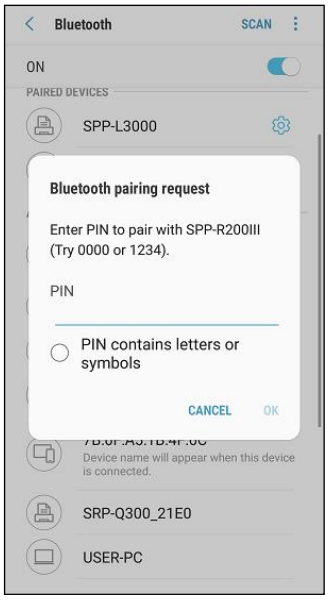
2) Select [Settings] - [Bluetooth].



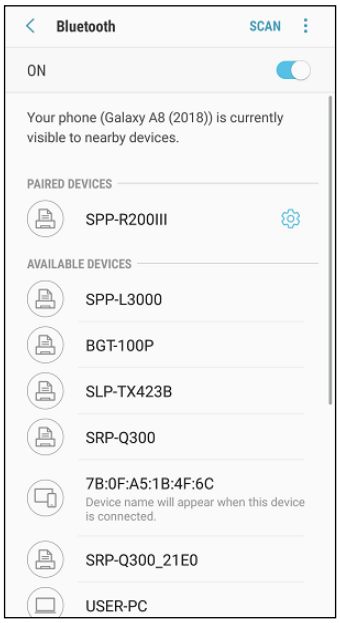
3) If you change from ‘off’ to ‘on’, then you can find available device list for Bluetooth connection. Select a device you want to connect on the list.



4) If you find the below screen, please input password and click ‘Join’.
Password is 0000 or 1234.



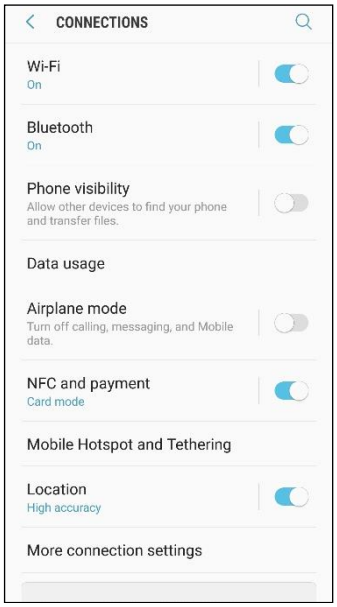
5) If you find a device you want to connect on the ‘Paired Devices’, then the connection is well done.



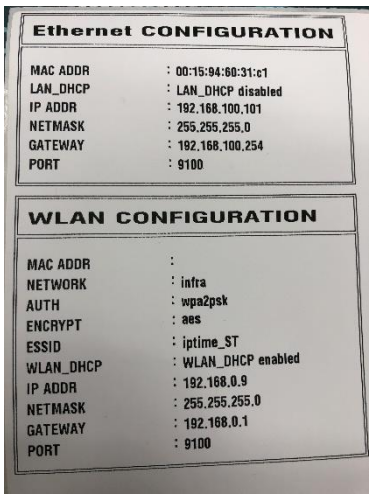
4-3 Android Wi-Fi Connection

1) Turn on the printer power.

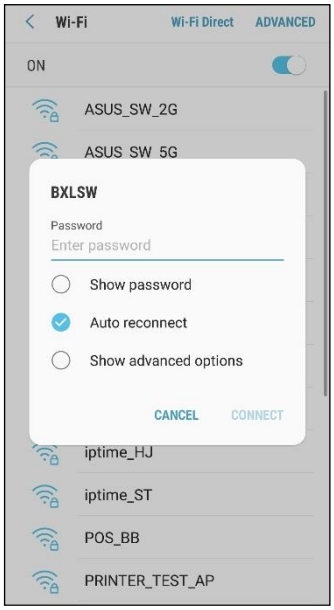
2) Select [Settings] - [Wi-Fi]



3) Network information of the printer can be checked. Corresponding information is refered to [WLAN Configuration] – [ESSID] after conducting Self-test.
To conduct Self-Test, press Power and Feed buttons simultaneously after turning the printer off.



4) Connect to Network of the AP which is connected to the printer.



5) If the network shows "Connected", the connection is complete.



Revision history

Ver.	Date	Description
1.00	13-12-2018	New
1.01	03-04-2019	Add model(SPP-L3000/L310) Change description and image Add '3-5 Print'
1.02	30-04-2019	Add model(XQ-840)
1.03	22-10-2019	Modify model Change description and image to '3-2 Add Printer'
1.04	10-03-2020	Add model(XM7-40, XM7-20)
1.05	19-08-2021	Add model(XT3-40, XT3-43)
1.06	22-04-2022	Add model(XM7-30)
1.07	11-05-2022	Modify model
1.08	16-05-2023	Modify model
1.09	12-10-2023	Add model(SRP-Q300II)
1.10	25-01-2024	Add model(XL5-40, XL5-43, XQ-840II, XQ-843II) Classification of interface support items by model Add a description to '3-2 Add Printer'
1.11	07-10-2024	Add model(SRP-S300II, XD5-40II, XD5-43II)
1.12	26-12-2024	Model name changed from SRP-380II to SRP-380plus
1.13	17-02-2025	Add model(XT6-60, XT6-63)
1.14	01-04-2025	Add model(SRP-G300)
1.15	25-04-2025	Add model(BT3 Series, BT5 Series, BD5 Series)
1.16	11-08-2025	Add model(XD7-20d, XD7-23d, XT6-40, XT6-43, XT6-46)
1.1.7	27-02-2026	Add model (SPP-L310, SPP-L410, SRP-S200, SRP-S3000) Add special firmware model (SPP-R410, SPP-R310, SPP-R200III, SPP-R220, SPP-R230, SPP-C300, SPP-C200, SLP-TX400, SLP-TX420, SLP-DL410, SLP-TX220, SLP-DX220)
1.1.8	28-05-2026	Add model(XC5-40d, XC5-43d)