

**BIXOLON®**

**Software Manual**

**mPrint  
Android**

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**Ver. 1.03**

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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 is to provide users with the necessary information to make good use of the mPrint function in an Android environment.

## 2. Operating Environment

### 2-1 Operating System

- Android OS V6.0 and later

### 2-2 Interface

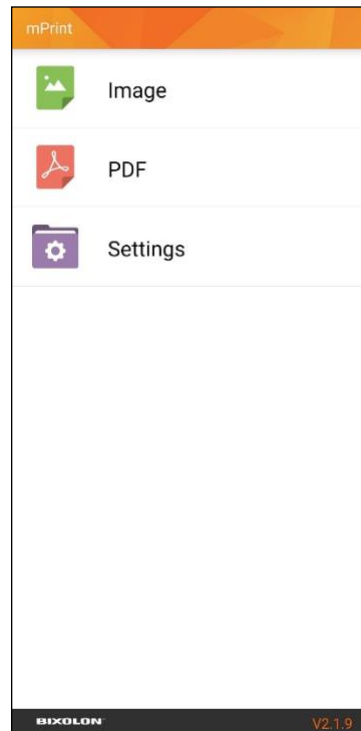
- Bluetooth, Wi-Fi, USB

### 2-3 Printer Support

- POS/Mobile, Label Printer (Not Supported B-gate)

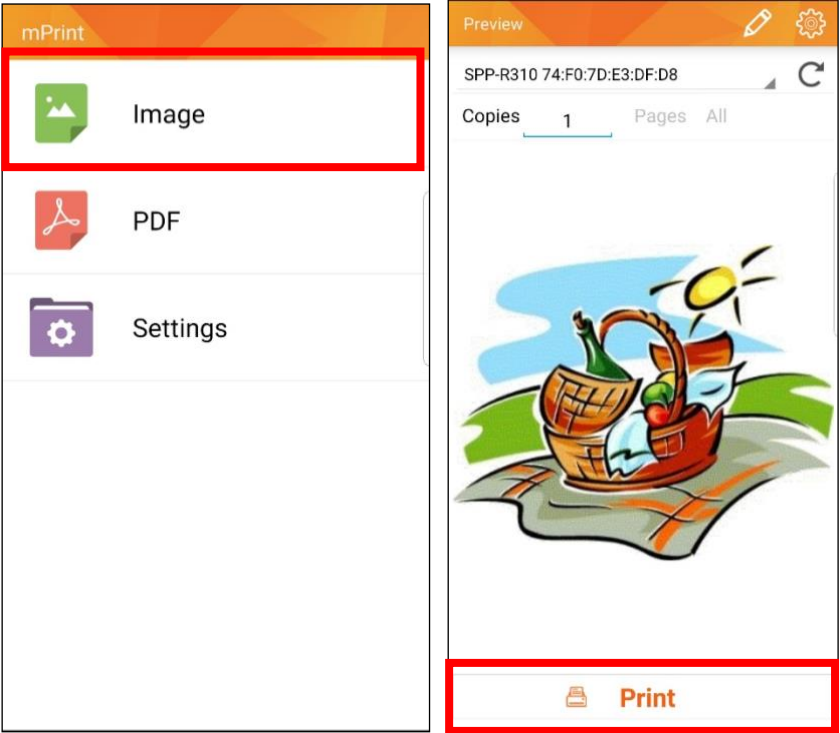
## 3. Useful Function

This is the first run screen of mPrint.



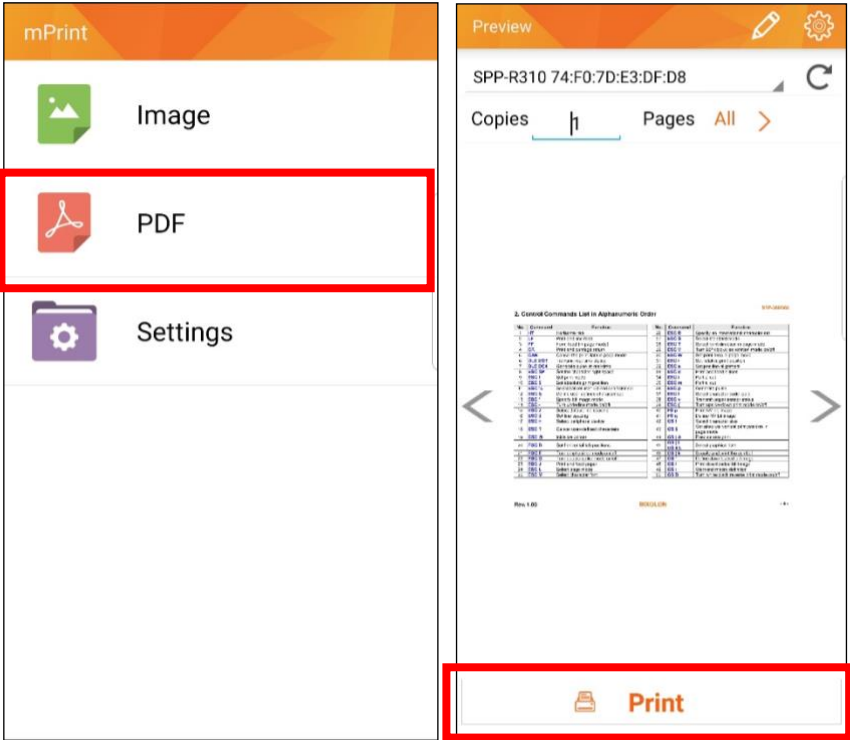
**3-1 Image**

- To print images stored in the host.



**3-2 PDF**

- To printer PDF files stored in the host.



## 3-3 Preview

- You may set the number of copies, select the pages to print and edit the image under the Preview menu. [Settings] – [Preview] option should be set as “used”.

### 1) Copies

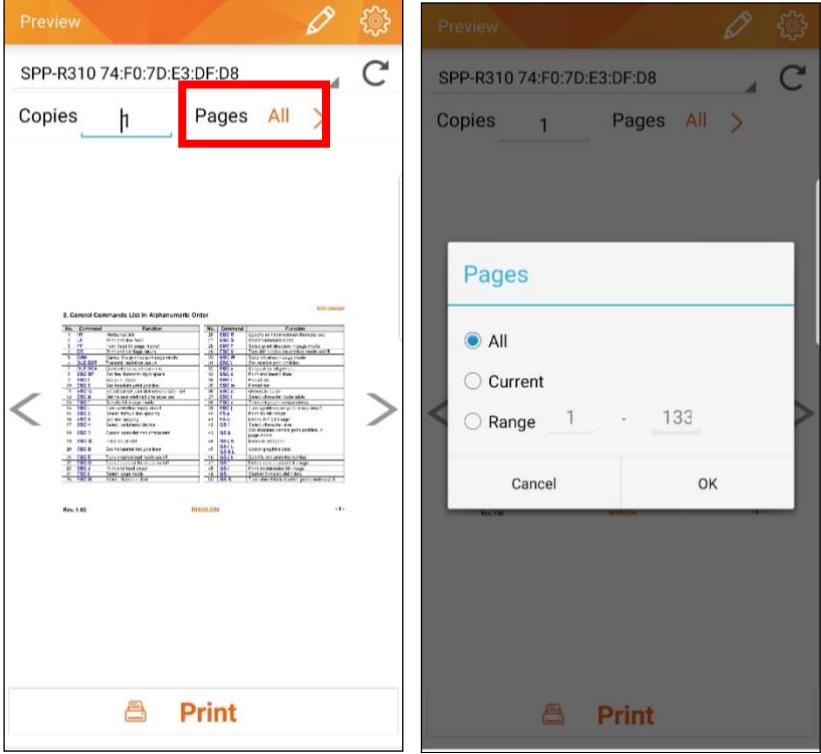
Set the number of copies.



2) Pages

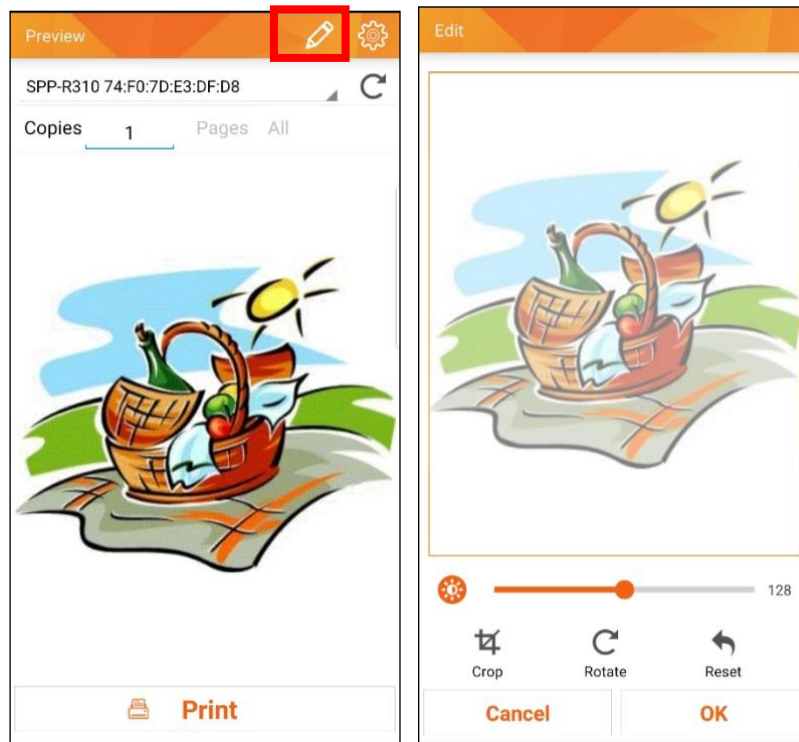
Select the pages to print.

When it consists of 2 or more pages you may select an option among all, current and range of pages.



## 3) Edit

Edit the image's threshold, rotate and/or crop the image.



### (1) Threshold

To set the threshold of the image

### (2) Crop

To crop the image into a desired size.

### (3) Rotate

To rotate the image.

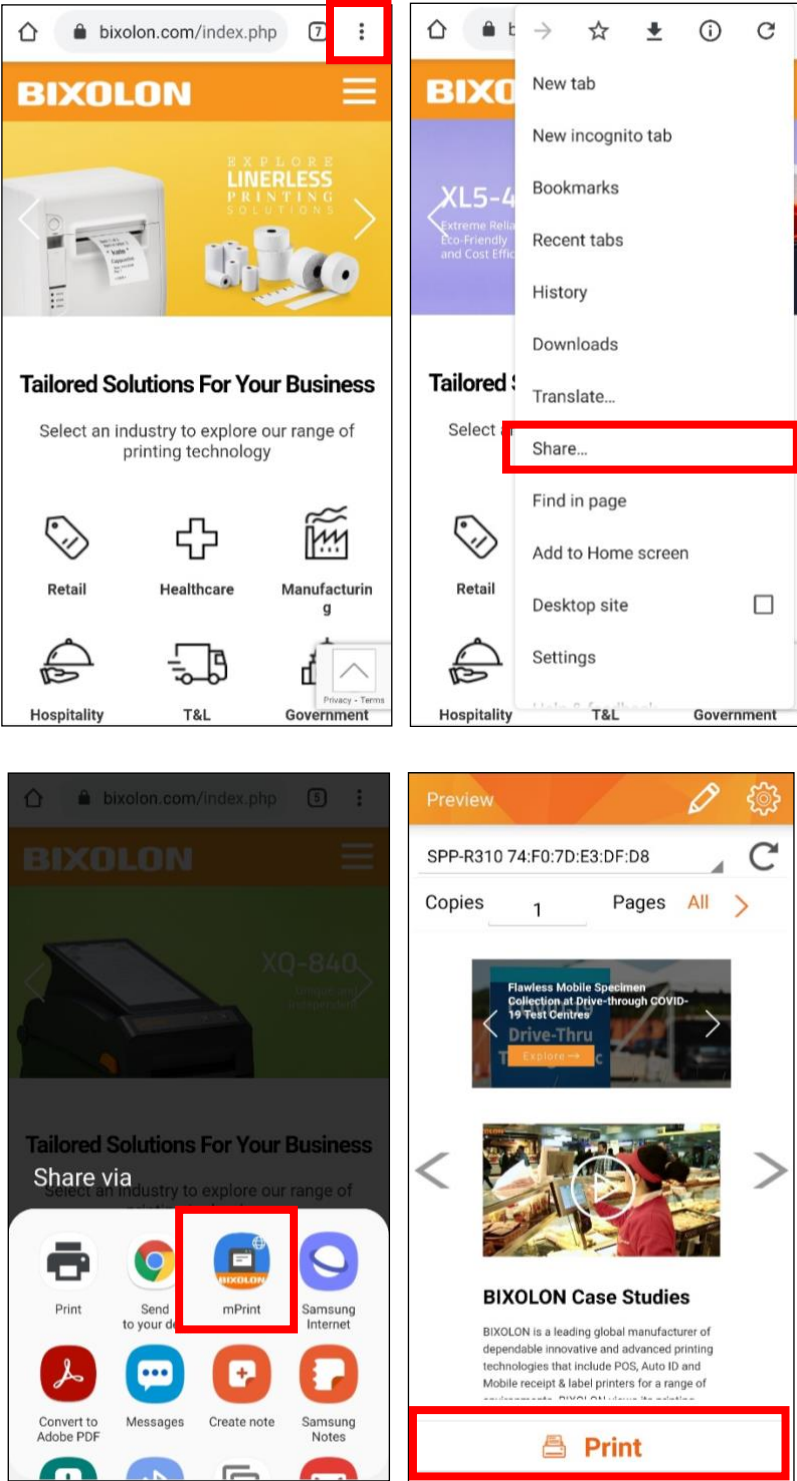
### (4) Reset

To reset the image to its original configuration.

**3-4 Share**

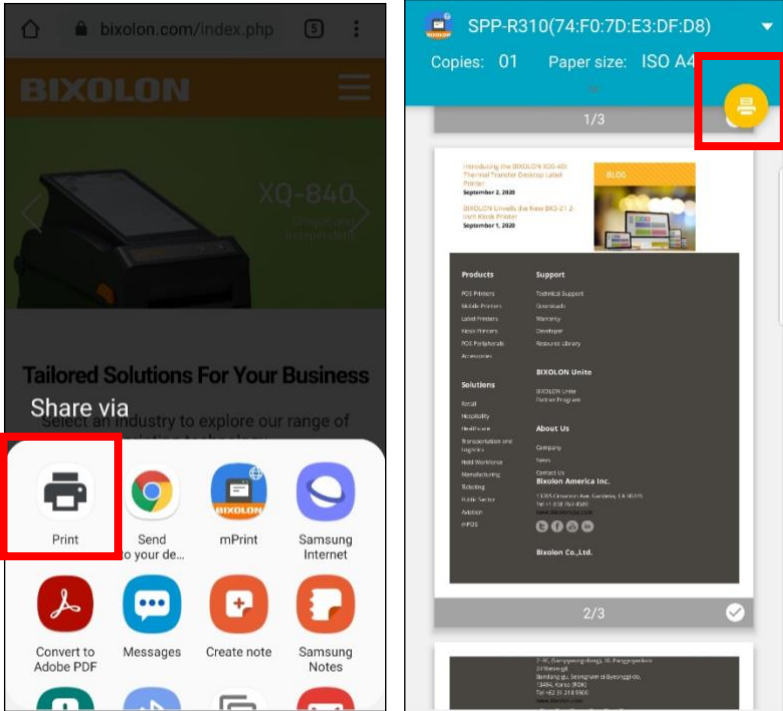
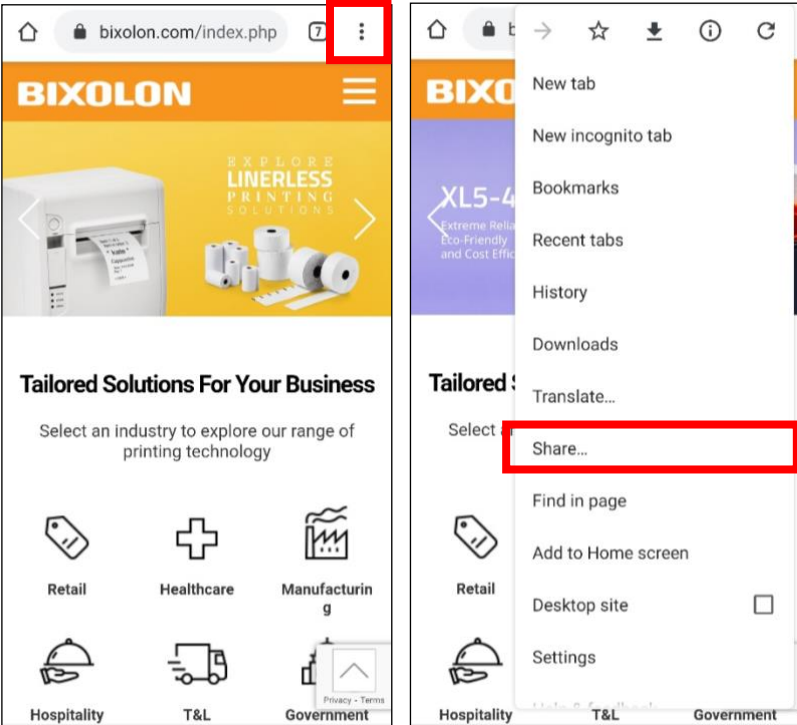
1) mPrint

To transfer printing data to the mPrint on any web-browsers or applications that support sharing function The transferrable printing data should be formatted in an image, PDF or web-page



2) Print

Print web pages using the "Print" function in a web browser



### 3-5 Print

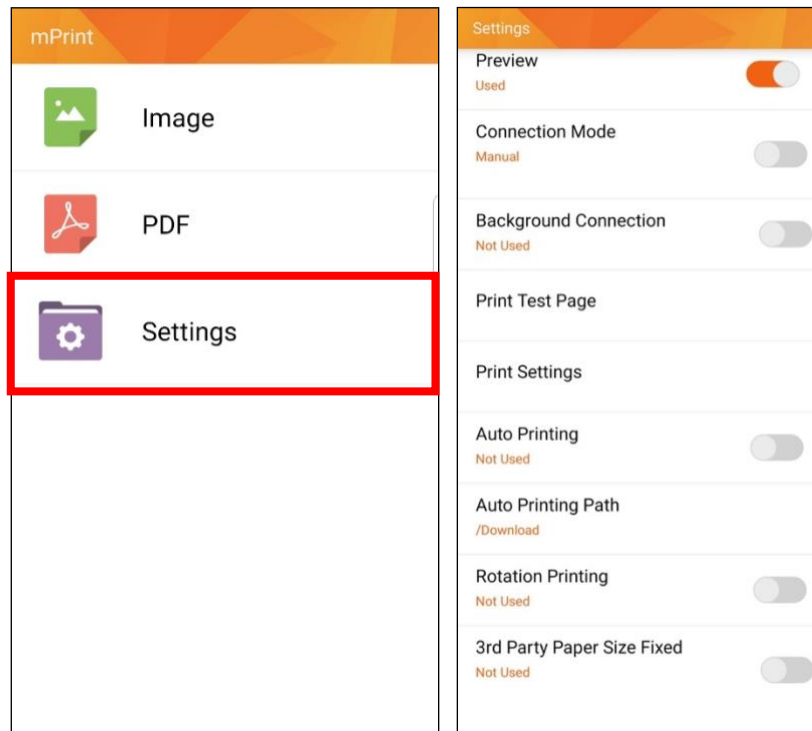
- Searching connected printers and print through the selected printer by user.  
If the [Settings] - [Connection Mode] is set automatic, printer selecting step will be skipped.



When the connection with the selected printer is established successfully, a “printing” message will appear and it will automatically return to the main screen when the print-job is complete.

## 3-6 Settings

- To set the options for printing  
When the Preview function is used the same settings can be done at the preview screen.



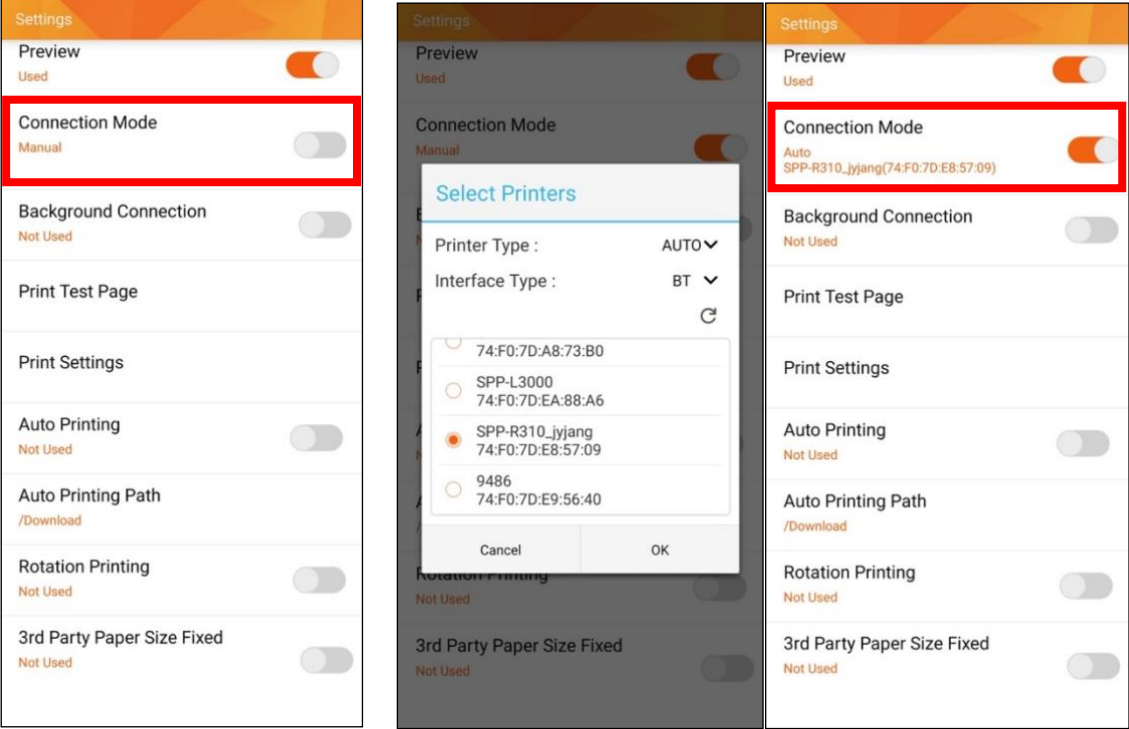
### 1) Preview

To determine whether the preview page will appear before printing.  
Should be set as "used" to enable a preview and image editing functions.

2) Connection Mode

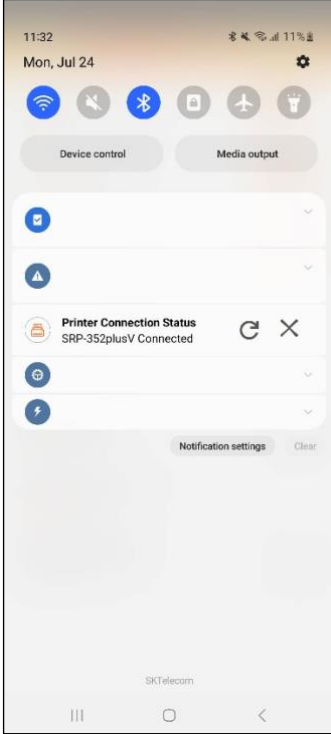
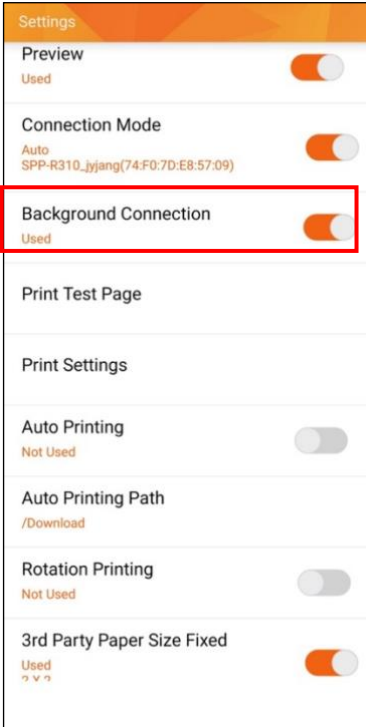
For printing an image, PDF file or web-page

- Manual: Searching connected printers and enable the user to select.
- Auto: The user prints with a printer preset in advance



3) Background Connection

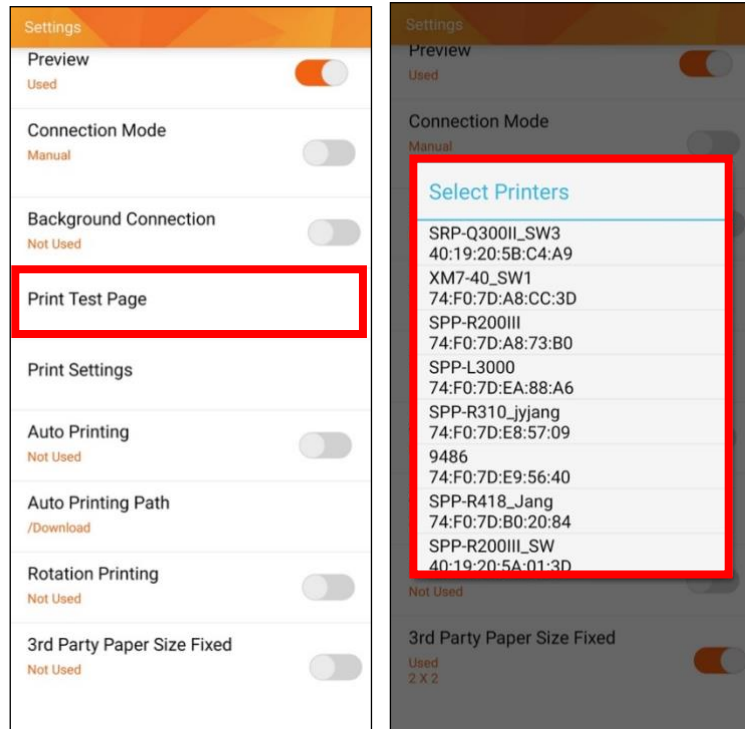
Available when the connection mode is set to automatic.  
If the connection is successful, you can exit the app to maintain the connection with the printer. Notifications allow you to check, reconnect, and disconnect the printer connection status.



## 4) Print Test Page

Print a test page.

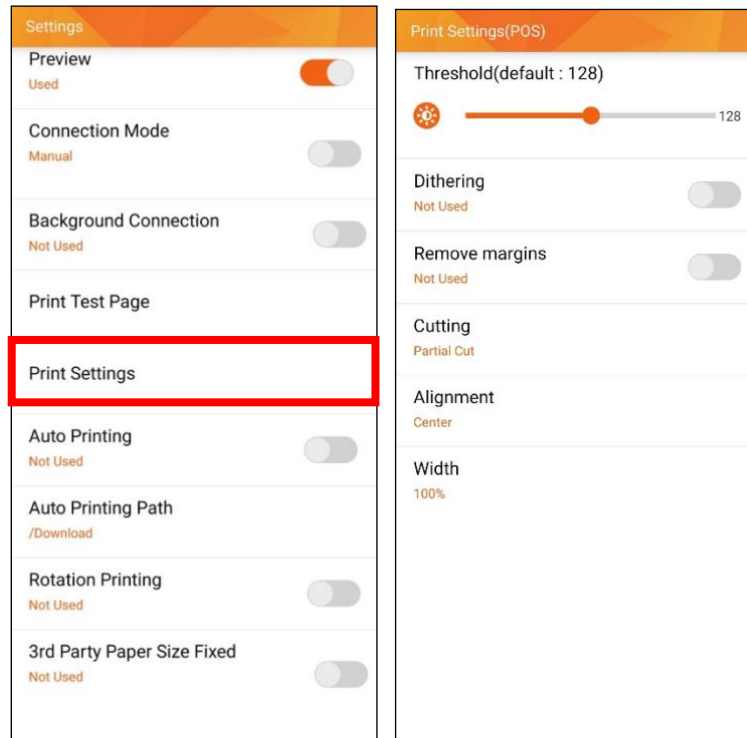
- When the connection mode is manual, it searches for all available printers and prints to the printer selected by the user.
- When the connection mode is automatic, the user prints with a printer preset in advance.



## 5) Print Settings

The available options may differ by the related printer type.

- POS printer



### (1) Threshold

To set the threshold of the image

### (2) Dithering

To set the dithering of the image

### (3) Remove Margins

Remove the margins of the printout when using.

### (4) Cutting

Set the cutting method.

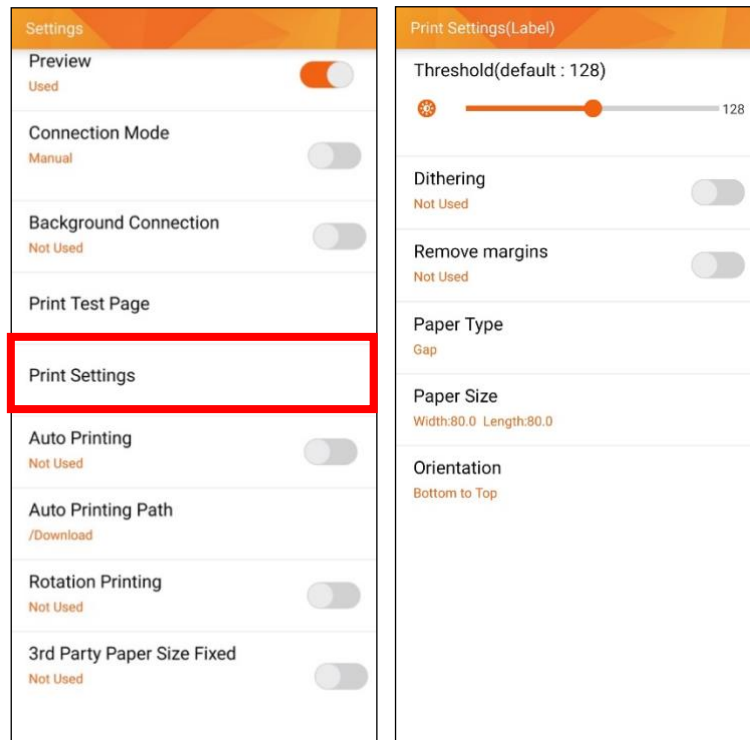
### (5) Alignment

To select on which side the image should be aligned

### (6) Width

To scale the image

- Label printer



(1) Threshold

To set the threshold of the image

(2) Dithering

To set the dithering of the image

(3) Remove Margins

Remove the margins of the printout when using

(4) Paper Type

To select which type of paper is used

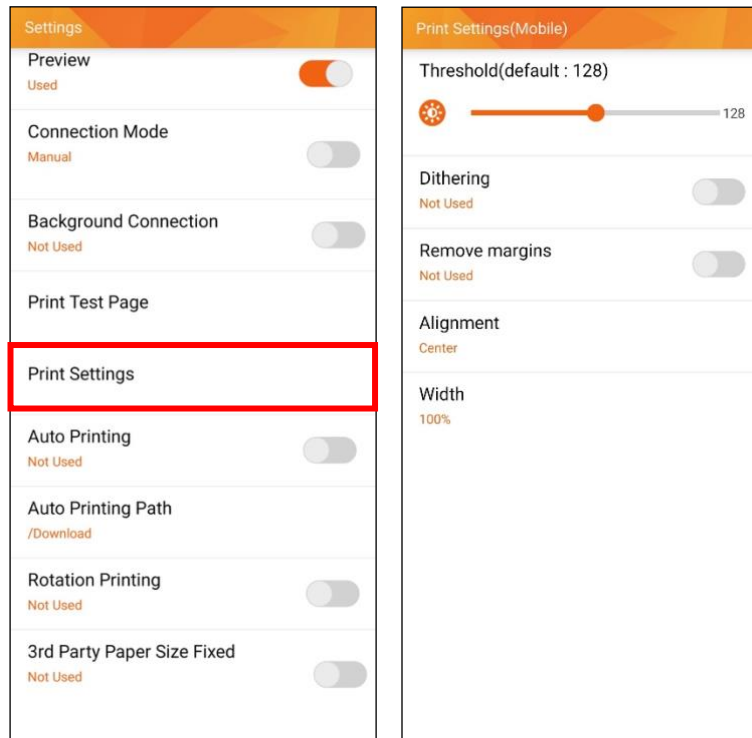
(5) Paper Size

To set the width and length of the paper

(6) Orientation

To set the orientation

## - Mobile printer



### (1) Threshold

To set the threshold of the image

### (2) Dithering

To set the dithering of the image

### (3) Remove Margins

Remove the margins of the printout when using

### (4) Alignment

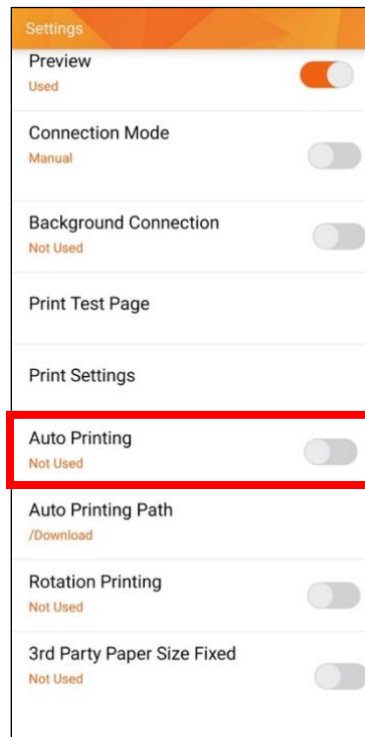
To select on which side the image should be aligned

### (5) Width

To scale the image

## 6) Auto Printing

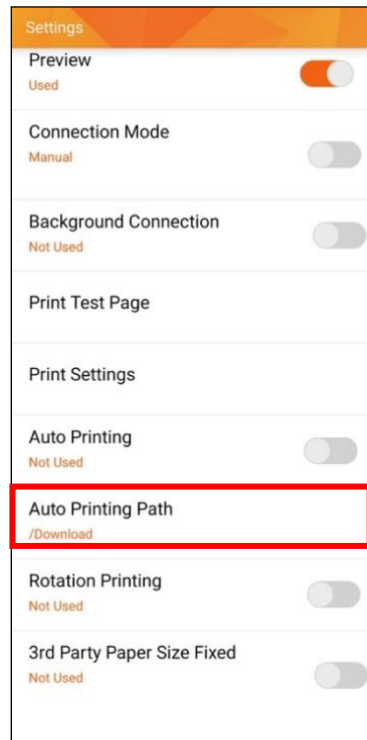
It detects whether PDF files exist in the folder set as “Auto Print Path” and prints them automatically.



It is not supported by Android 11 or later.

## 7) Automatic Print Paths

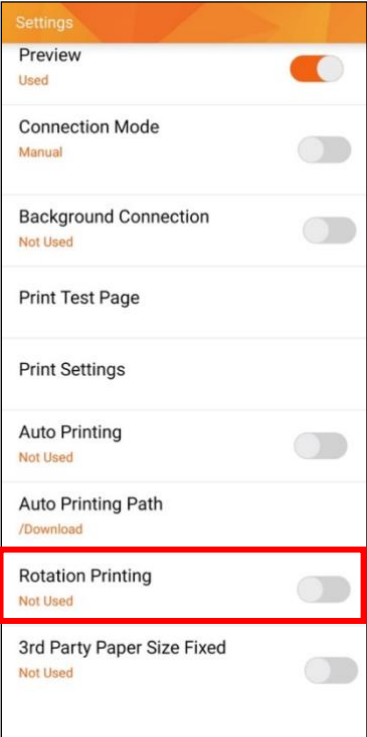
Set the automatic print path (The default value is the /Download folder).



It is not supported by Android 11 or later.

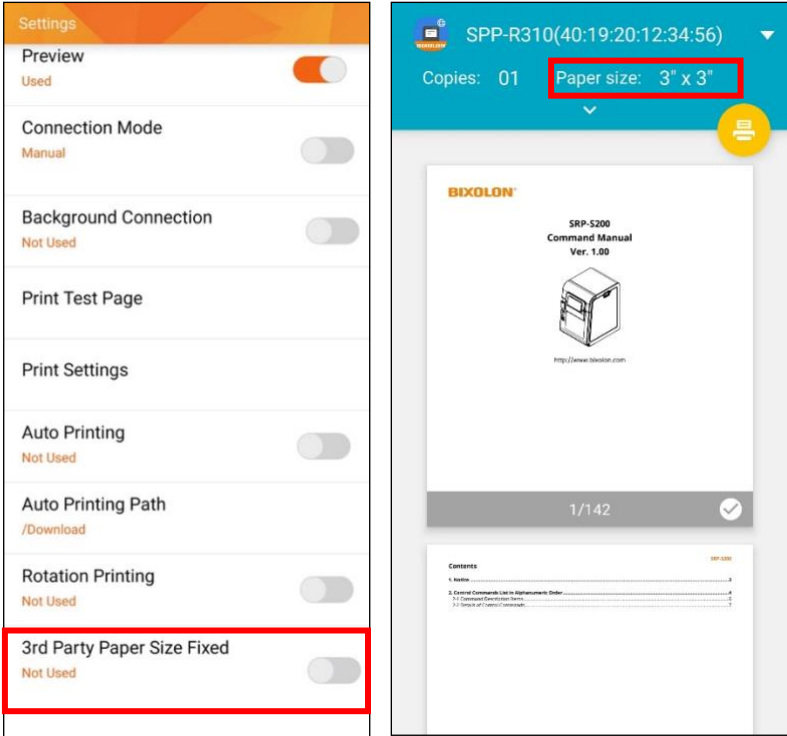
8) Rotate print direction

When printing printouts, rotate the direction 90 degrees.



9) 3<sup>rd</sup> Party Paper Size Fixed

When using the printing service, the paper size is fixed



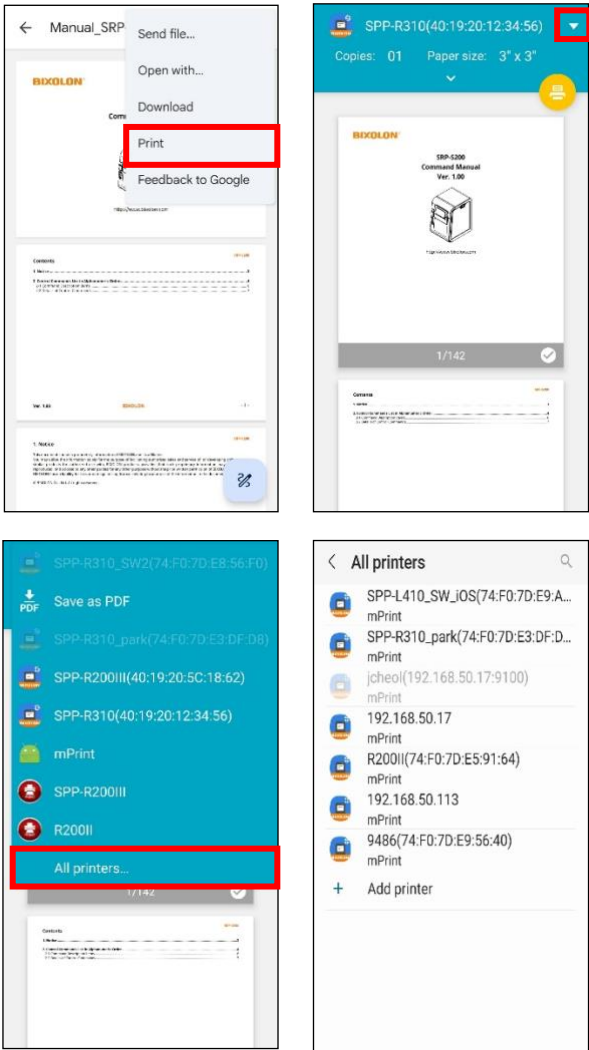
**3-7 Print Service**

Shows a list of printable printers.

1) Printer List

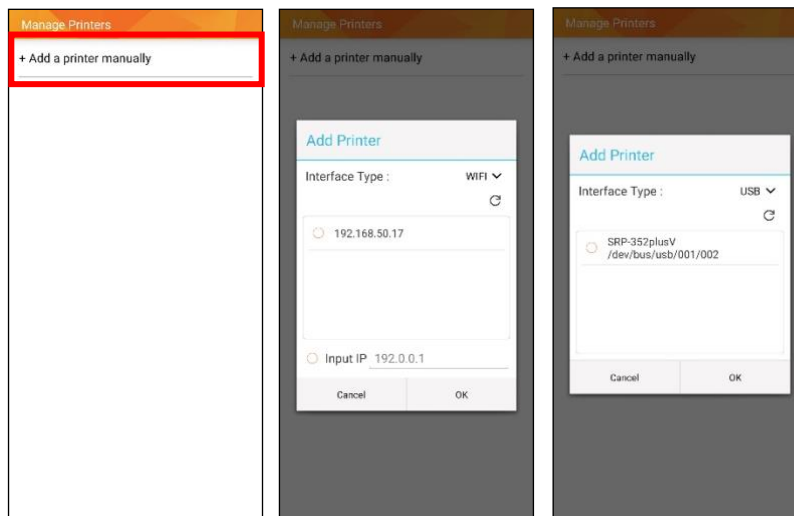
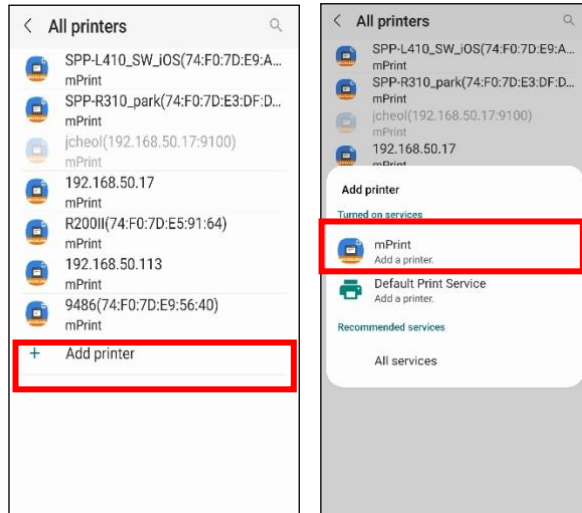
Depending on the in-app Settings – Connection Mode, the list may look different.

- Manual: Shows a list of all the printers that can be connected
- Auto: Only pre-registered printers in the app are shown in the list.



## 2) Add Printer

If you do not have a list of printers that you want to print to the printer list, you can add them. In the case of WIFI, you can add it by directly entering the IP address. If the connection with the printer you want to add is successful, the printer addition is complete.

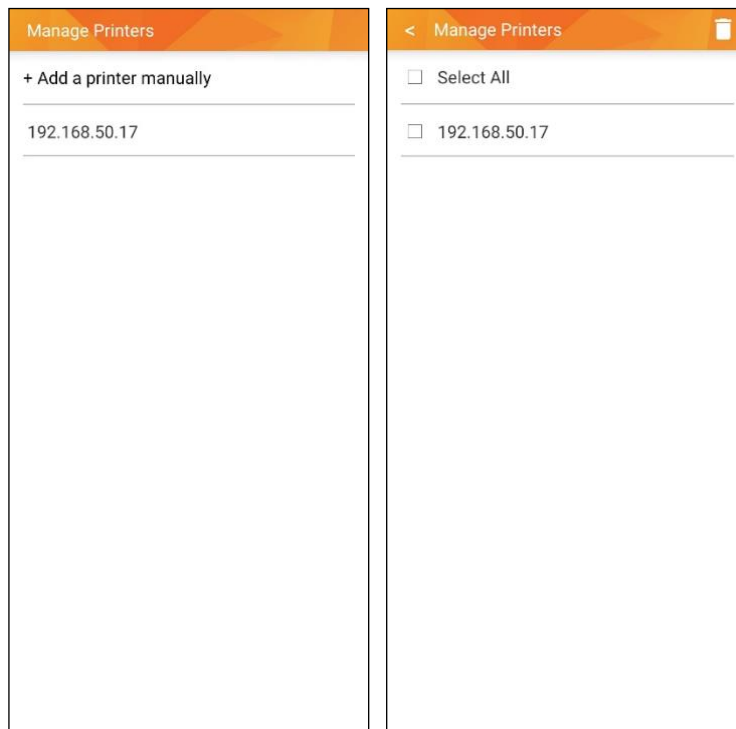


If [Settings] – [Connection Mode] is automatically selected in the app, It is not possible to add a printer. If you want to search for and add a printer other than the specified printer, Turn off the in-app [Settings] – [Connection Mode] to automatic setting

## 3) Manage Printer

Shows a list of manually added printers.

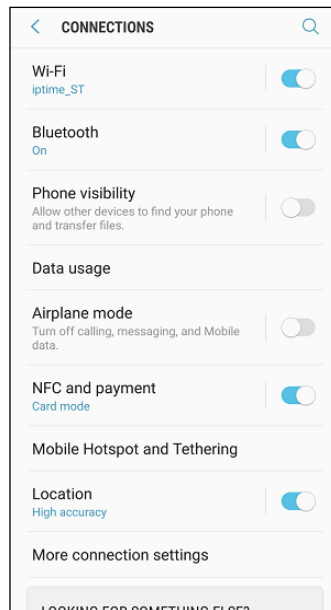
You can delete the printer list by pressing and holding it.



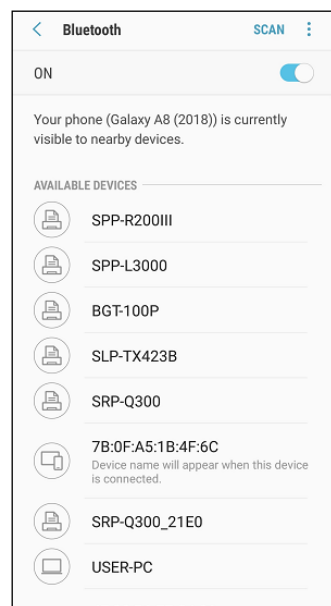
## 4. The others Function

### 4-1 Bluetooth Connection

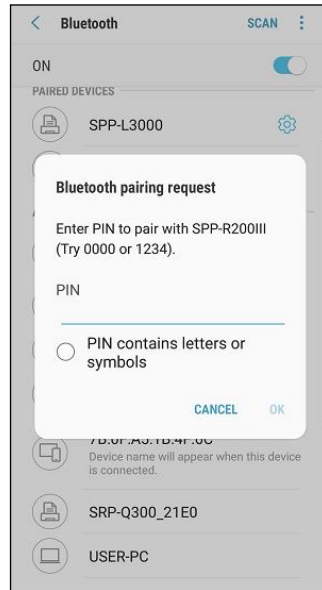
- 1) Turn on the printer power.
- 2) Select [Settings] - [Bluetooth].



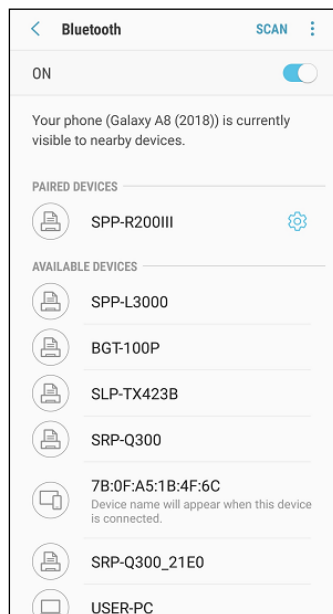
- 3) If you change from 'off' to 'on', then you can find available device list for Bluetooth connection. Select a device you want to connect on the list.



- 4) If you find the below screen, please input password and click 'Join'.  
Password is 0000.

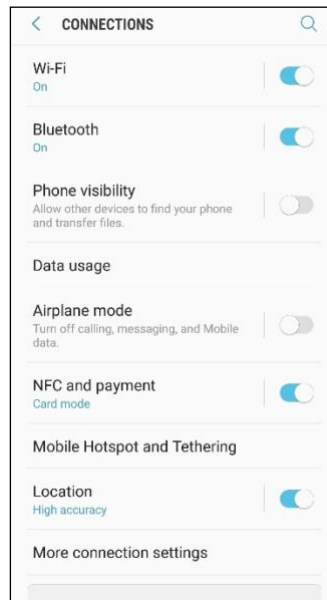


- 5) If you find a device you want to connect on the 'Paired Devices', then the connection is well done.



## 4-2 Wi-Fi Connection

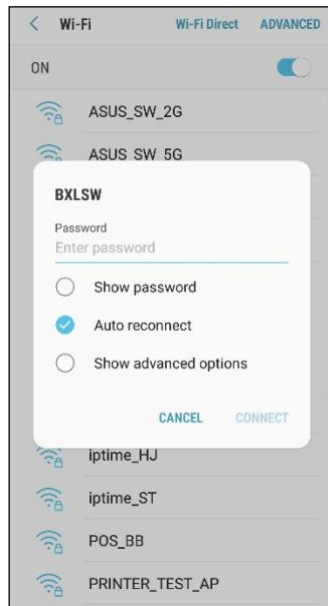
- 1) Turn on the printer power.
- 2) Select [Settings] - [Wi-Fi]



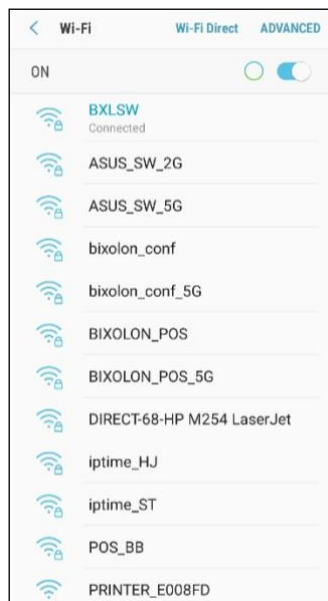
- 3) Network information of the printer can be checked. Corresponding information is referred to [RF Interface] – [ESSID] after conducting self-test.  
If Network mode is not configured to "INFRASTRUCTURE" appropriately, refer to BIXOLON Net Configuration Tool manual to set it up.  
To conduct Self-Test, press Power and Feed buttons simultaneously after turning the printer off.

```
RF Interface
Not available Bluetooth
WLAN F/W Version : 02.00(3930)
System Name : SPP-R200III
Network Mode : INFRASTRUCTURE
Frequency:(Priority)2.4GHz/5GHz
Authentication : Shared
Encryption : None
ESSID : BXL5W
DHCP : Enabled
IP Address : 192.168. 0. 9
Subnet Mask : 255.255.255. 0
Gateway : 192.168. 0. 1
Port : 9100
Inactivity Time : 10
WLAN MAC Address :
0 0 1 5 9 4 E 0 0 0 A 7
```

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



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



## 4-3 USB Connection

- 1) Turn on the printer.
- 2) Connect the printer and device with a USB cable
- 3) Allow USB communication permission in the mPrint app.

