BIXOLON

Software Manual

Label Artist Mobile

Android

Ver. 1.19

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 provides information for using Label Artist Mobile in the Android environment.

2. Operating Environment

2-1 Operating System

• Android OS V6.0 and later

2-2 Interface

• Bluetooth, Wi-Fi, USB

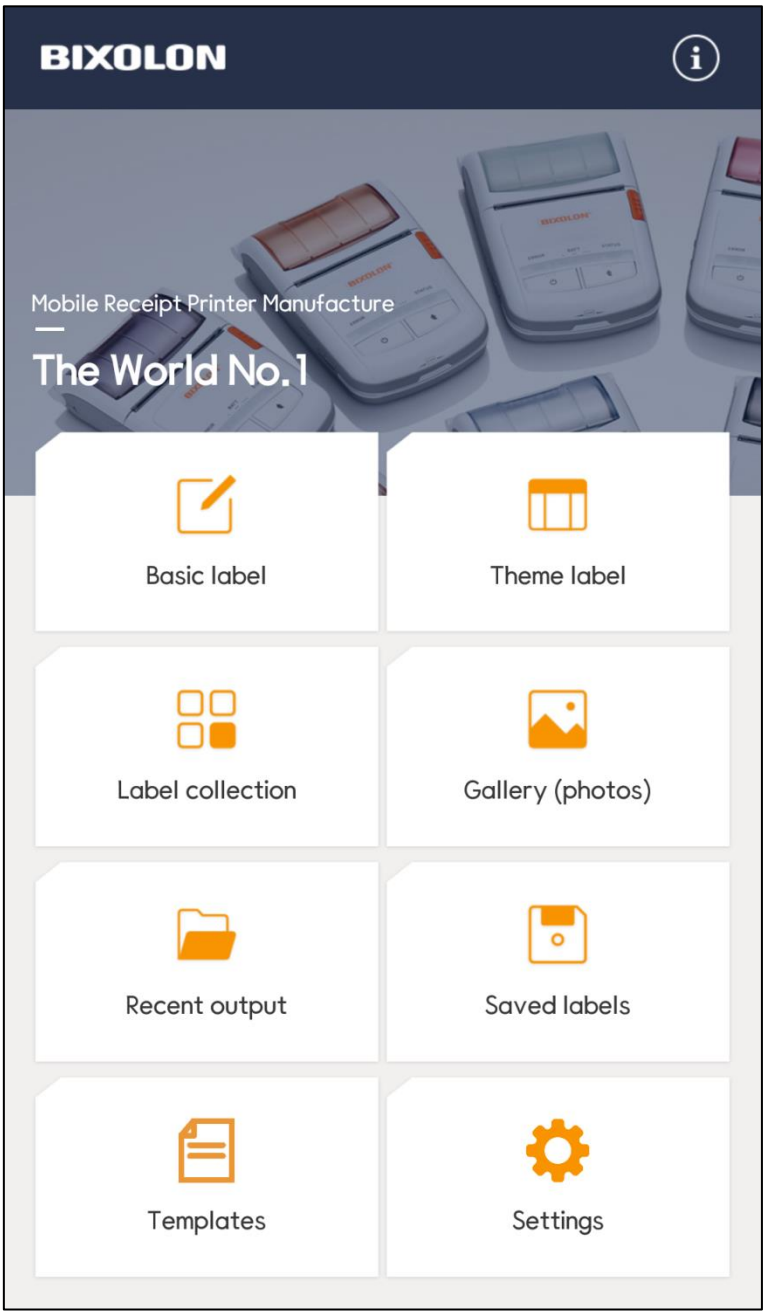
2-3 Printer Support

• SLP-DX420 / DX423
SLP-DX220 / DX223
SLP-TX400 / TX403
SLP-TX420 / TX423
SLP-TX220 / TX223
SLP-DL410 / DL413
SRP-770III / E770III
XT5-40(RFID) / XT5-43(RFID) / XT5-46(RFID)
BT5-40 / BT5-43 / BT5-46
SPP-L3000 / SPP-L310 / SPP-L410
XQ-840 / XQ-843 / XQ-840II / XQ-843II
XL5-40CT / XL5-43CT
XD5-40d / XD5-40Iid / XD5-43d / XD5-43IId
XD5-40t(RFID) / XD5-40IIt(RFID) / XD5-43t(RFID) / XD5-43IIt(RFID)
XM7-20 / XM7-30 / XM7-40(RFID)
SRP-S3000_LABEL
XT3-40 / XT3-43
BT3-40 / BT3-43
BD5-40t(RFID) / BD5-43t(RFID)
BD5-40d / BD5-43d
XM5-30
XT6-60 / XT6-63
XT6-40 / XT6-43 / XT6-46
XD7-20d / XD7-23d

3. Useful Function

3-1 Main menu

• When you run Android Label Artist Mobile, you can see the following screen.



1) Basic label
 : Creates a label on a blank screen.

2) Theme label
 : Prints labels according to your theme.

3) Label collection
 : Prints the label collection.

4) Gallery (photos)
 : Prints the image on the label.

5) Recent output
 : Views and prints a list of recently printed labels.

6) Saved labels
 : Views and prints a list of labels you have stored.

7) Templates
 : Views and prints the template stored in the printer.

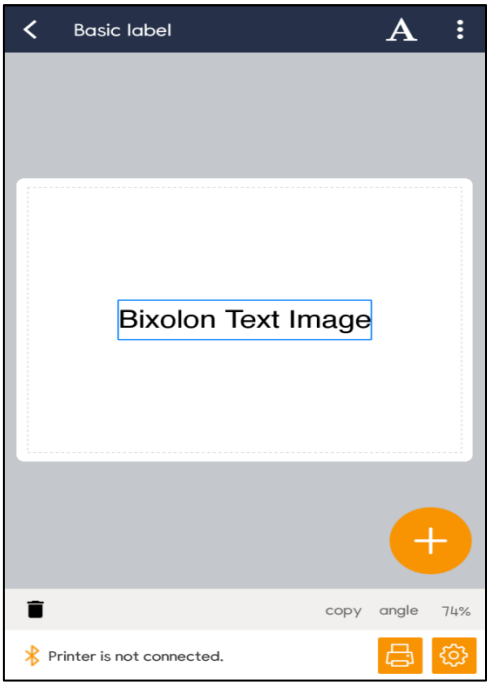
 It may not be supported depending on the firmware version.

8) Settings
 : Changes the print settings (medium, speed, density, etc)

9) App information
 : Views information about the current app.

3-2 Basic label

• This is a screen where users can create, edit and print labels.



1) Original size

74% : This indicates the magnification or reduction rate of the object currently being edited.

Click this to zoom in or out to the original size (100%).

2) Print

: Prints the label currently being edited.

3) Settings

: Changes printer connection and print settings.

4) Copy

copy : Duplicates the selected object.

If an object is not selected, it is not displayed.

5) Degrees

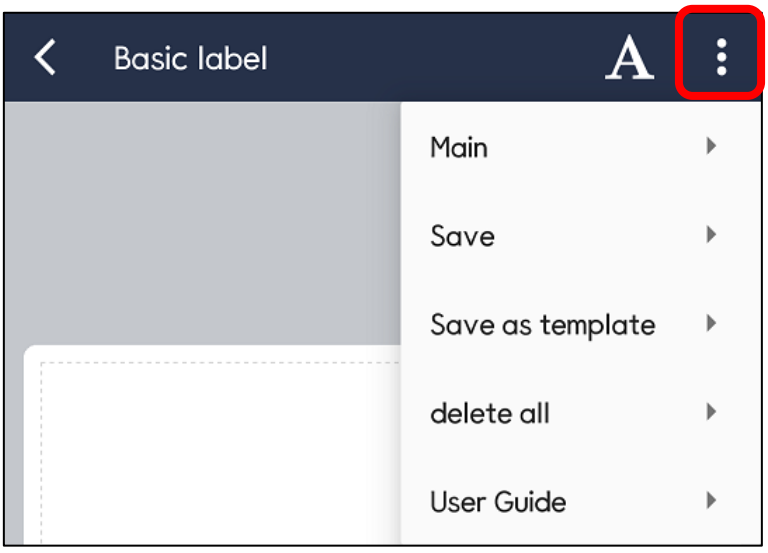
angle : Adjusts the angle of the selected object.

Vector fonts and 1-D barcodes can only be adjusted by 90 degree.

6) Add Object

: Inserts an object into the label being edited.

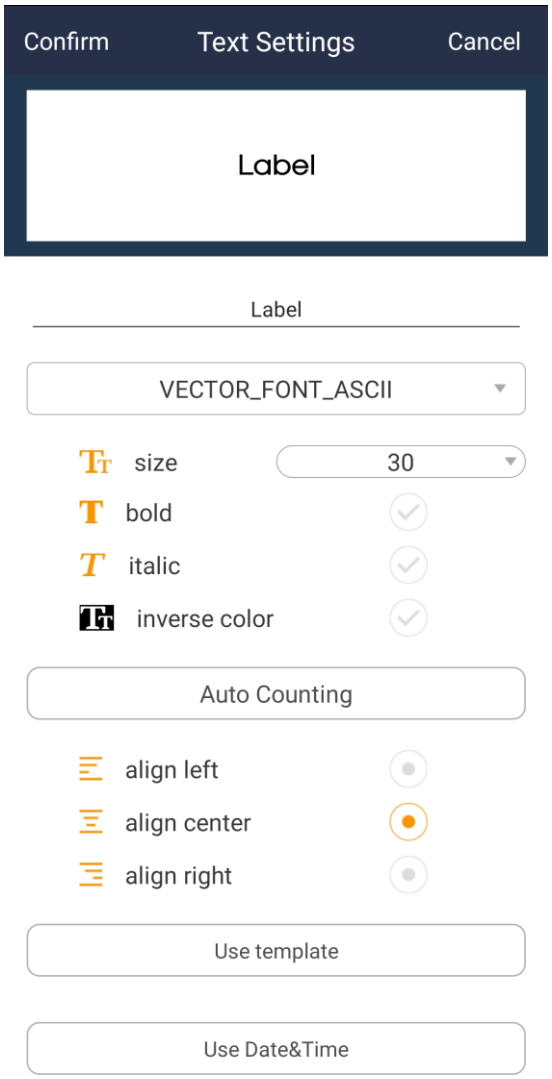
3-2-1 Top menu



1) Main
   Moves to the main screen.
2) Save
   Stores the label you are editing.
3) Save as template
   Stores the label you are editing to the printer.
4) delete all
   Removes all objects on the edit screen.
5) User Guide
   View help again

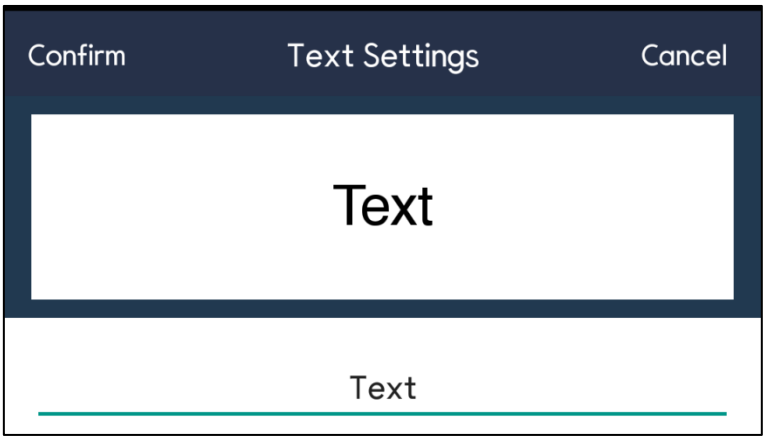
3-2-2 Text Settings

You can set properties for text objects.



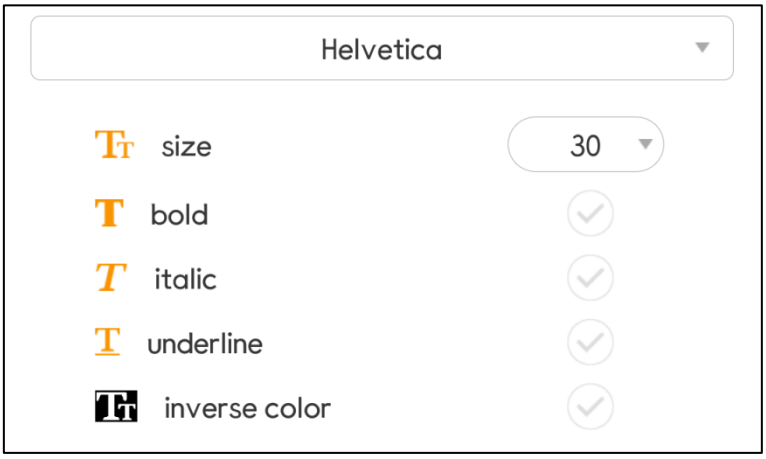
1) Editing String

Modifies the string you want to print.



2) String Properties

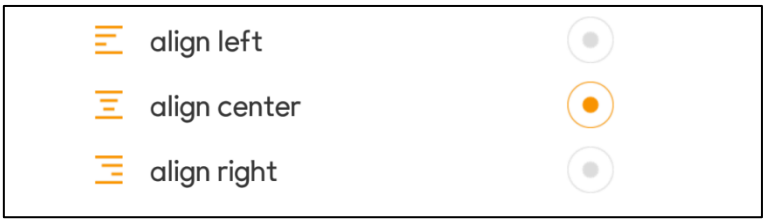
Sets the properties of the string.



- font: Sets the string to the font.
- size: Sets the string size.
- bold: Displays the string in bold.
- italic: Displays the string tilted.
- underline: Underlines the string.
- inverse color: Inverts the color and background color of the string.
- Auto Counting: When printing multiple sheets, the number of prints is increased by the set number.
  This is only possible if the contents of the string are numeric.

3) Sorting strings

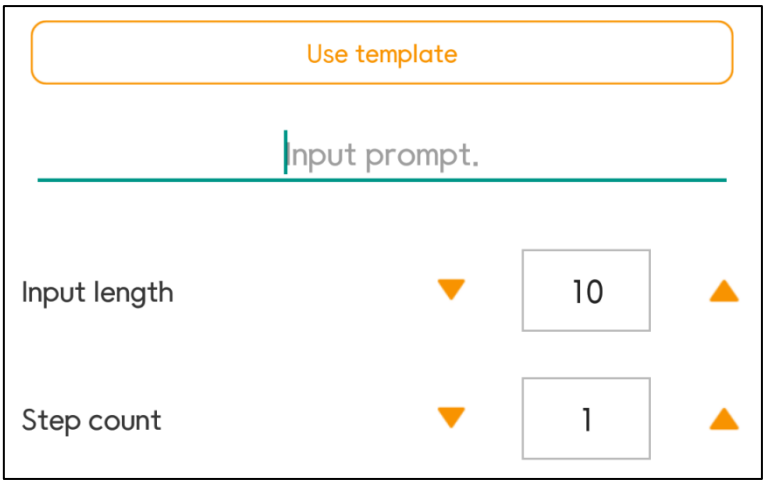
Sorts the strings.



4) Setting template variable

This is a setting applied when using as a template variable.

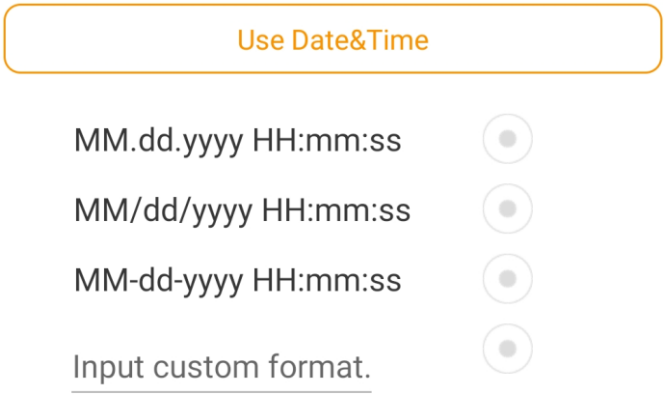
To use it as a variable, you must use a font that contains 'VECTOR_FONT' in the font name.



- Prompt: When printing a template variable, you can enter a description for the variable.
- Data length: Set the maximum length that can be entered.
- Increase / Decrease: It can be set in Auto Counting and automatically sets the value to be increased / decreased (minimum -10, maximum 10).

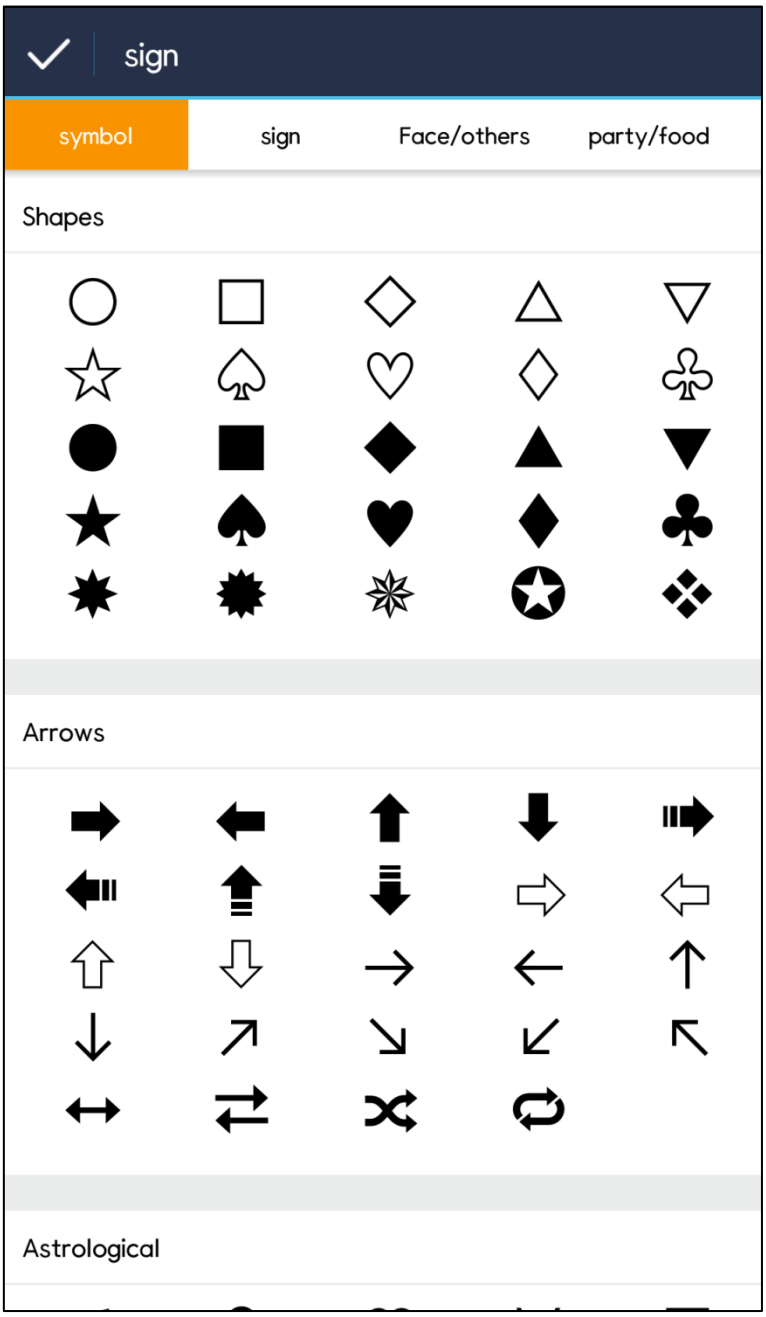
5) Using as text date

Setting to output text by specifying or inputting in the date format. At the time of output, it can be output according to the determined format or desired format by inputting.



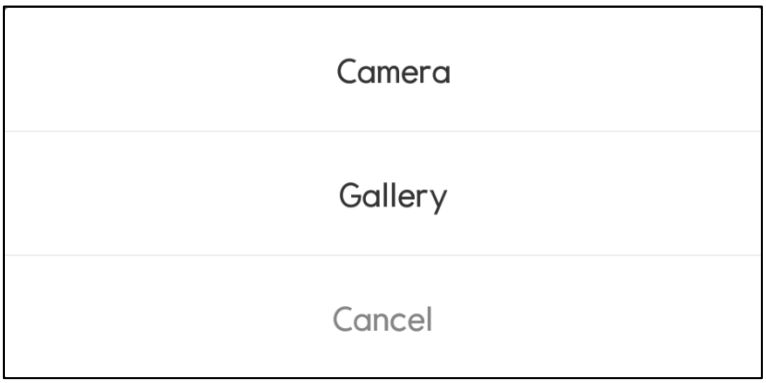
3-2-3 Inserting symbol

Selects the symbol and inserts it into the label you are editing.

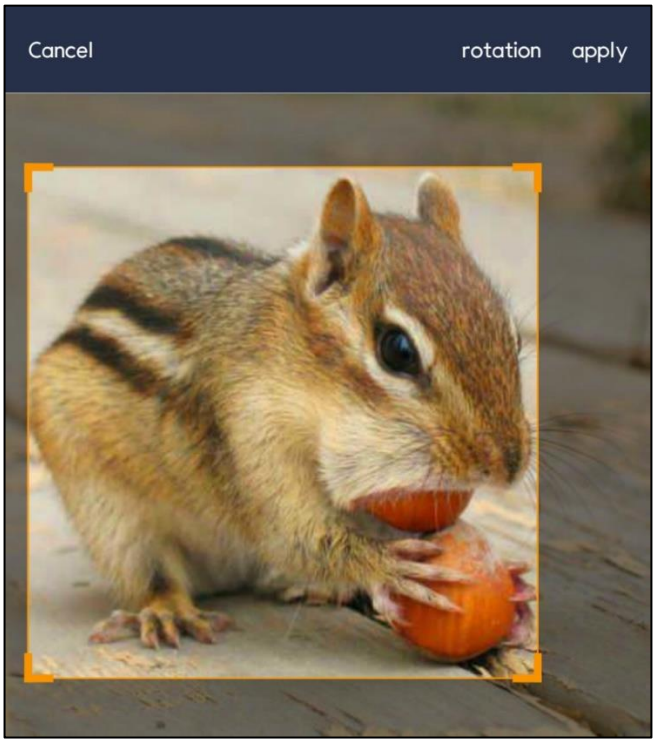


3-2-4 Inserting image

Loads images from the camera or SD card and inserts them into the label being edited.

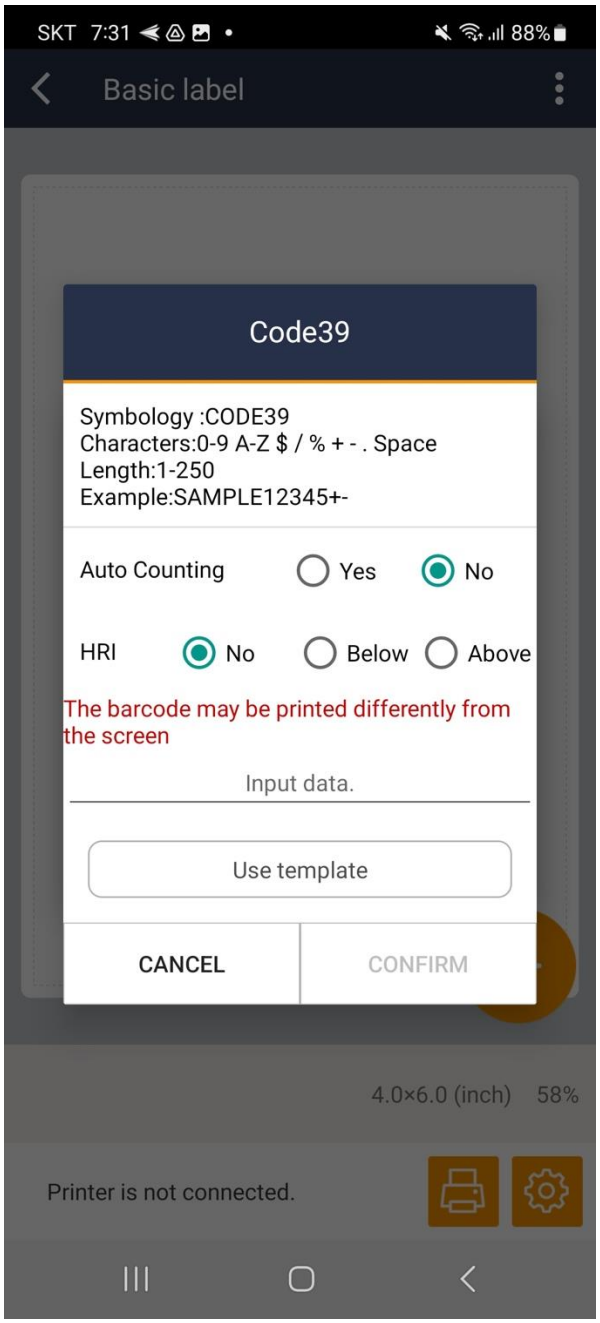


1) Camera
   You can edit images after shooting the camera.
2) Album
   Loads images from the SD card.
3) Editing Image
   You can crop and rotate images.



3-2-5 Inserting barcode

Selects a 1-D barcode or a 2-D barcode, and inserts it into the label you are editing.



1) Enter the barcode data
   Enter the barcode data to be printed.
   At the top of the screen, the type of selected barcode and possible characters are displayed.

2) Auto Counting

When printing multiple sheets, the number of prints is increased by the set number. This is only possible if the string is a number.

3) Setting HRI

Only available when using 1-D barcodes.

- No: No display HRI text
- Below: Display HRI text at the bottom of 1-D barcode
- Above: Display HRI text on the top of 1-D barcode

4) Setting template variable

Only available when using 1-D barcodes.

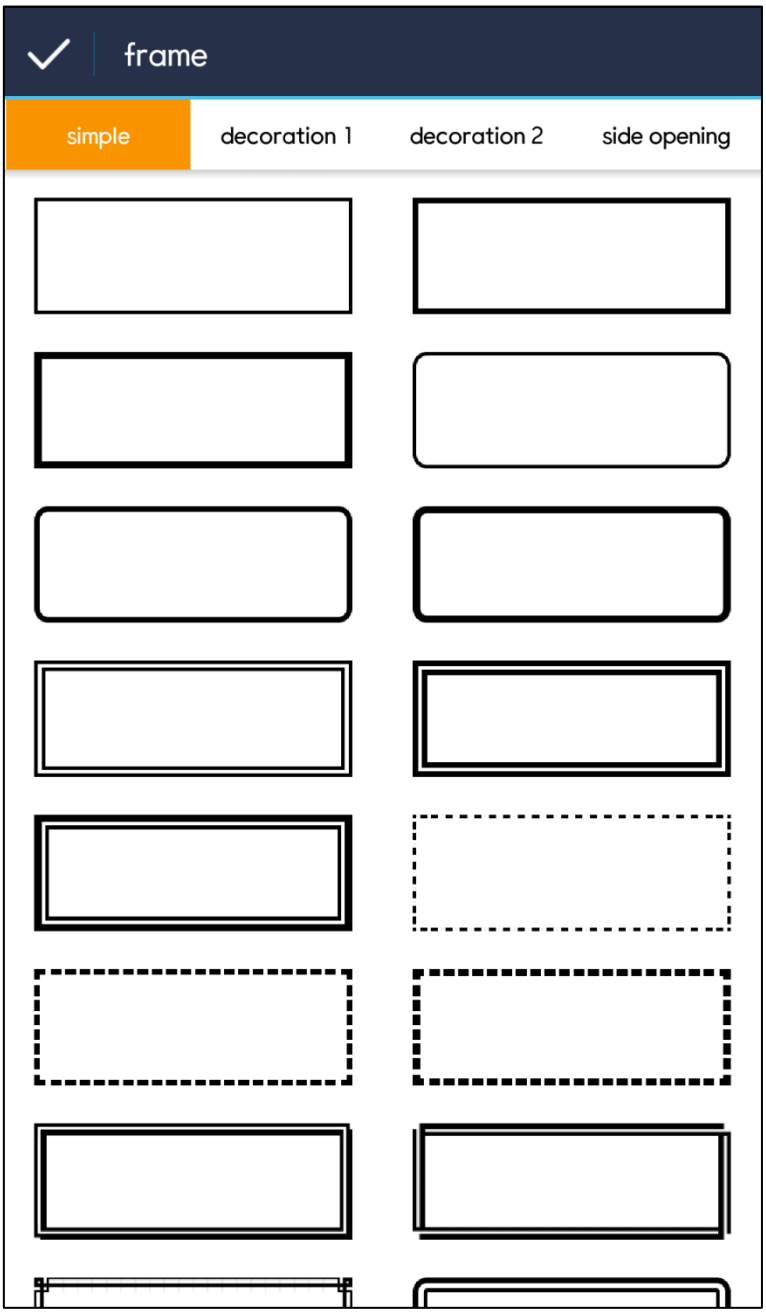
- Prompt: When printing a template variable, you can enter a description for the variable.
- Data length: Set the maximum length that can be entered.
- Increase / Decrease: It can be set in Auto Counting and automatically sets the value to be increased / decreased (minimum -10, maximum 10).
- See below for the available options for 2D barcodes

Type	Option	Description
MaxiCode	Mode	Mode according to usage purpose
	Post Code	Domestic or International postal code
	Country code	country code
	Service code	The carrier specifies Service Code
PDF417	Number of Data Columns	Number of data columns
	Error Correction Capacity	Error detection and correction
	Maximum codeword Length	Maximum codeword length
QR Code	Add Error Correction	Add Error Correction
Data Matrix	Size	Cell Size
Aztec	Adjust Size	Cell Size
	Add Error Correction	Add Error Correction
Micro PDF	Number of Data Columns	Number of data columns

- Some barcodes may not be recognized if they are too small.
- If you make the barcode size too large, it may not be recognized by the scanner.

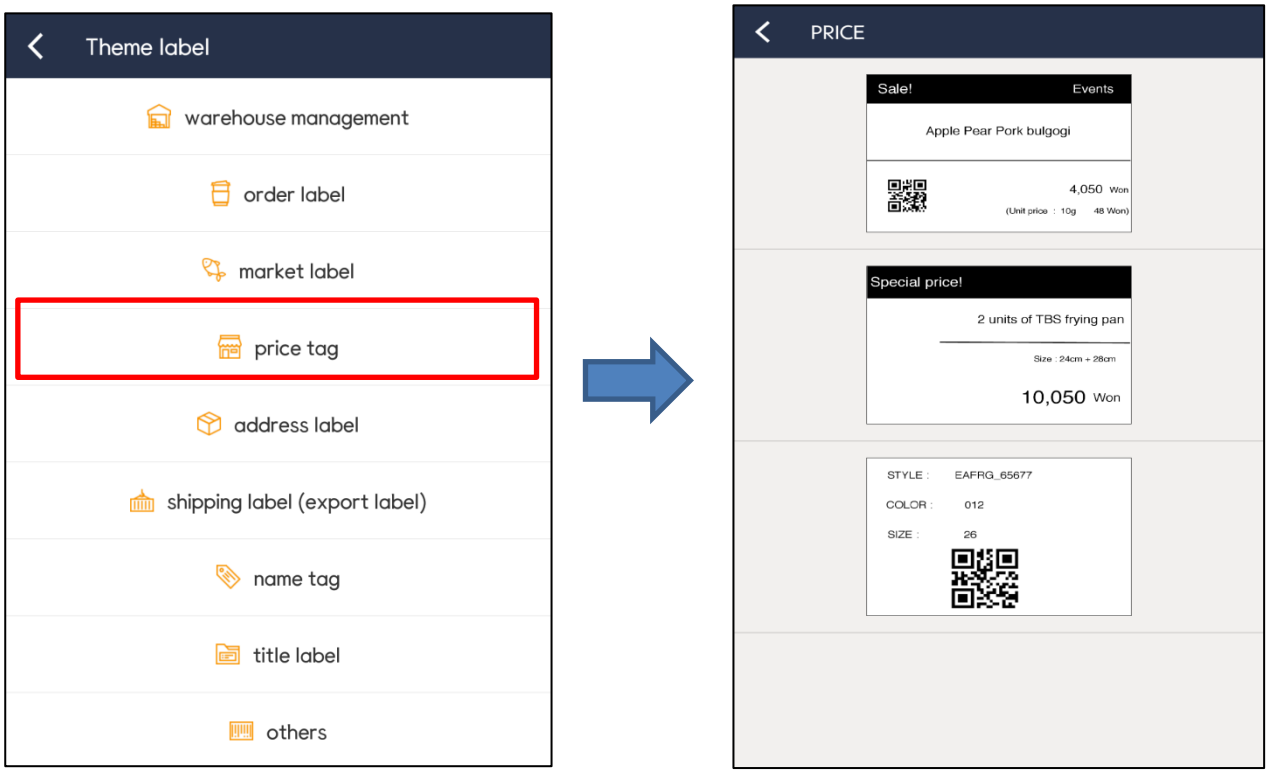
3-2-6 Inserting frame

Selects a frame and inserts it into the label you are editing.



3-3 Theme label

• Prints predefined labels.

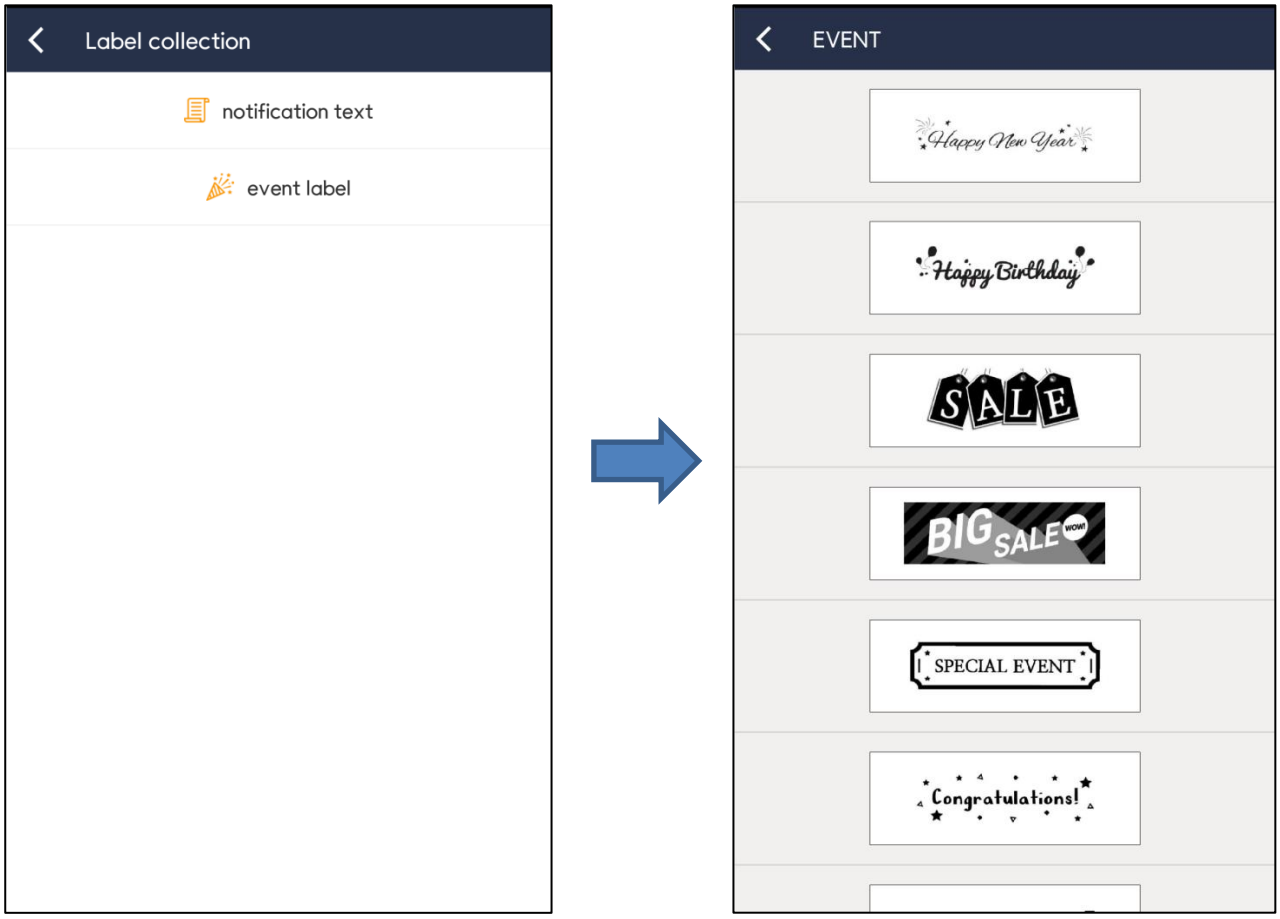


1) Moves to sub menu by selecting theme label list.
2) Moves to the label edit screen by selecting submenu, where you can print and edit.

For the label edit screen, see **3-2. Basic label** section.

3-4 Label collection

• Prints predefined labels.

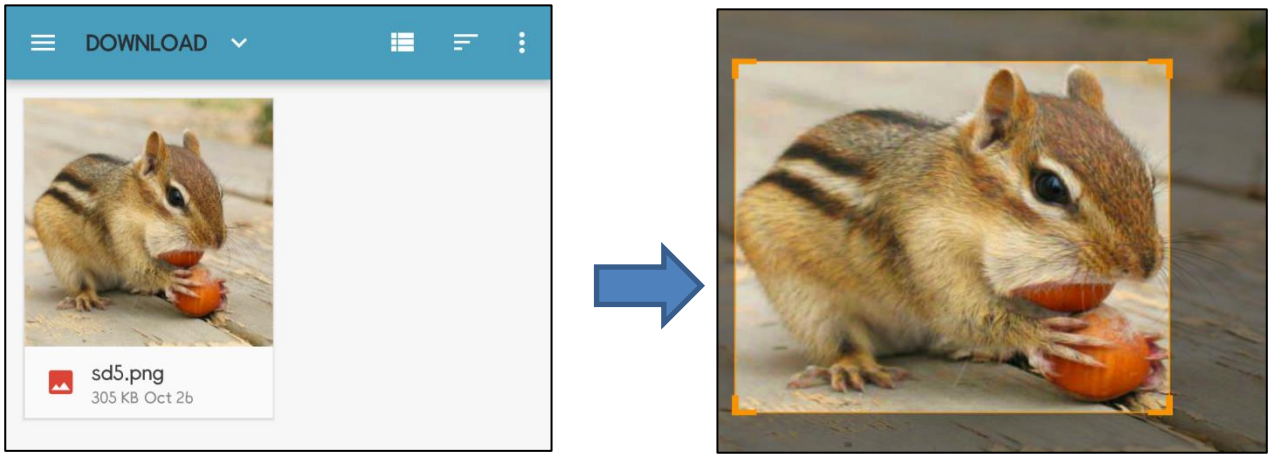


1) Moves to sub menu by selecting theme label list.
2) Moves to the label edit screen by selecting submenu, where you can print and edit.

For the label edit screen, see **3-2. Basic label** section.

3-5 Gallery (Photos)

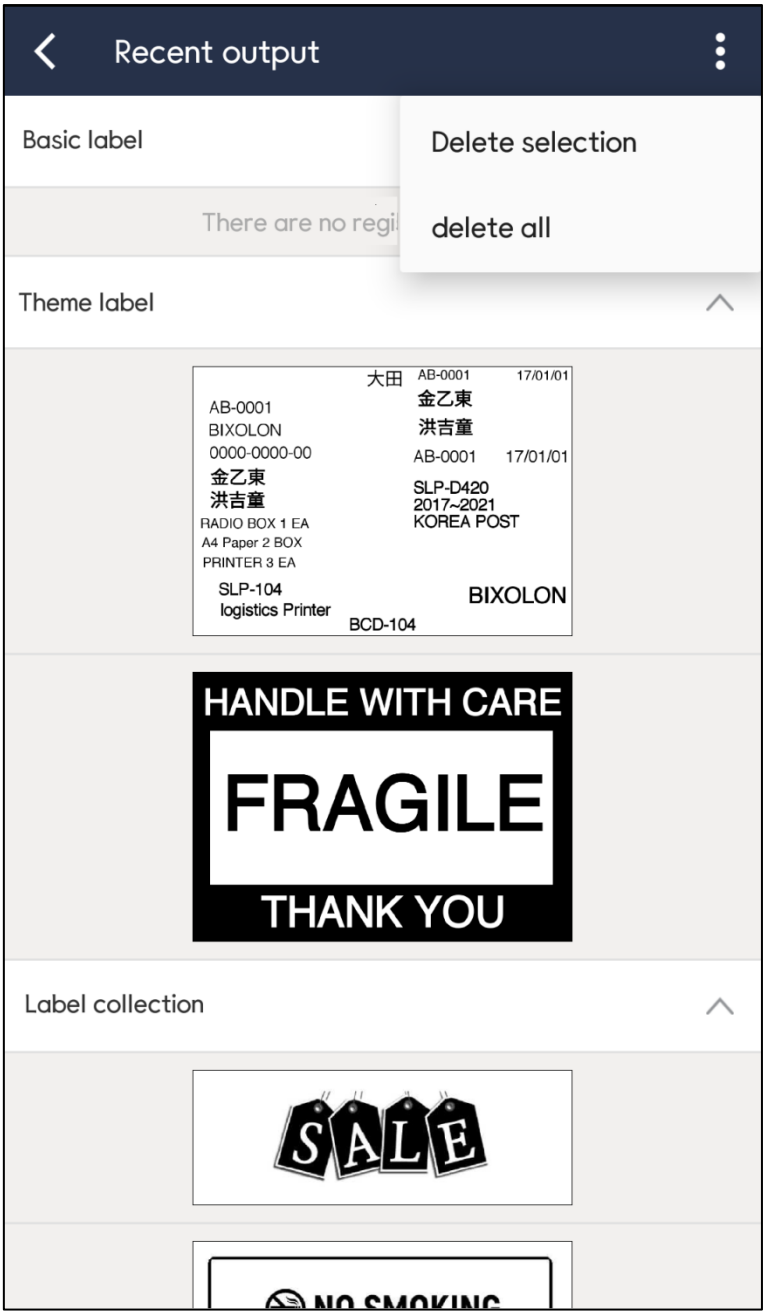
• You can select and edit images stored on the SD card.



1) When you are on the menu, the image selection screen appears.
2) You can edit the selected image after selecting an image.
3) Editing Image
   - Rotate: You can rotate the image by 90 degree after selecting Rotate.
   - Crop: You can crop the image by adjusting the ⌐ shape of the rectangle.

3-6 Recent output

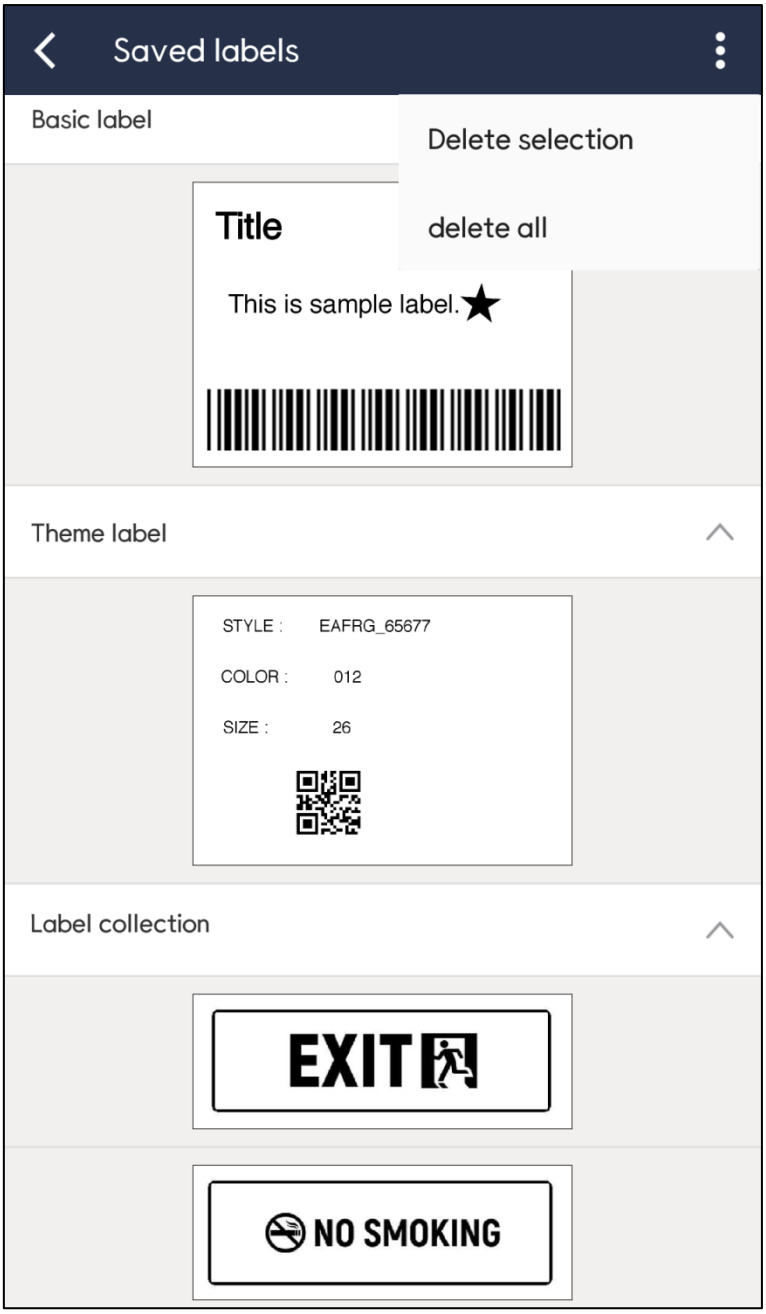
• You can view a list of recently printed labels.



1) Select label
   Moves to label edit screen by select
2) Delete selection
   Deletes the selected label
3) Delete all
   Deletes all labels

3-7 Saved labels

• You can view the labels the user has stored.

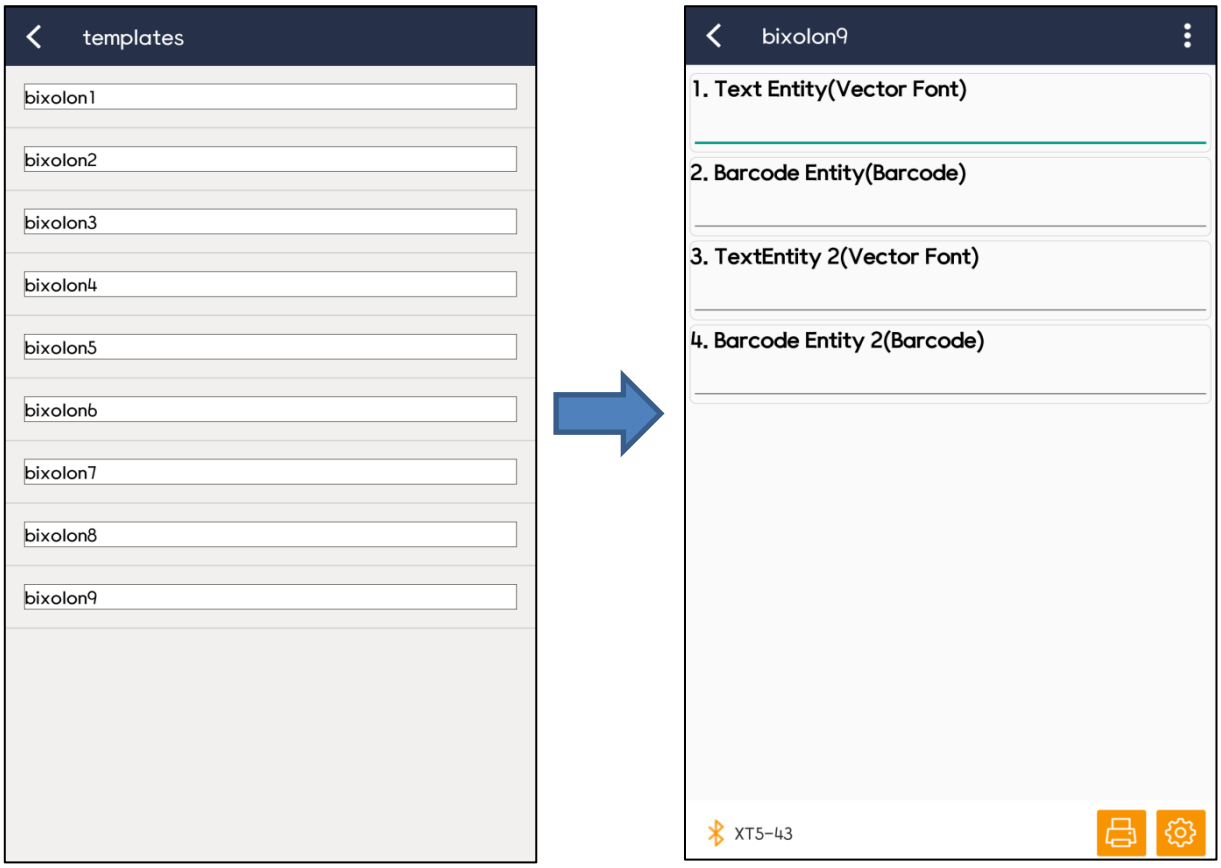


1) Select label
   Moves to the edit screen of the selected label
2) Delete selection
   Deletes the selected label
3) Delete all
   Deletes all labels

3-8 Template

• You can print templates stored in the printer.

It can be used only when it is connected to the printer.

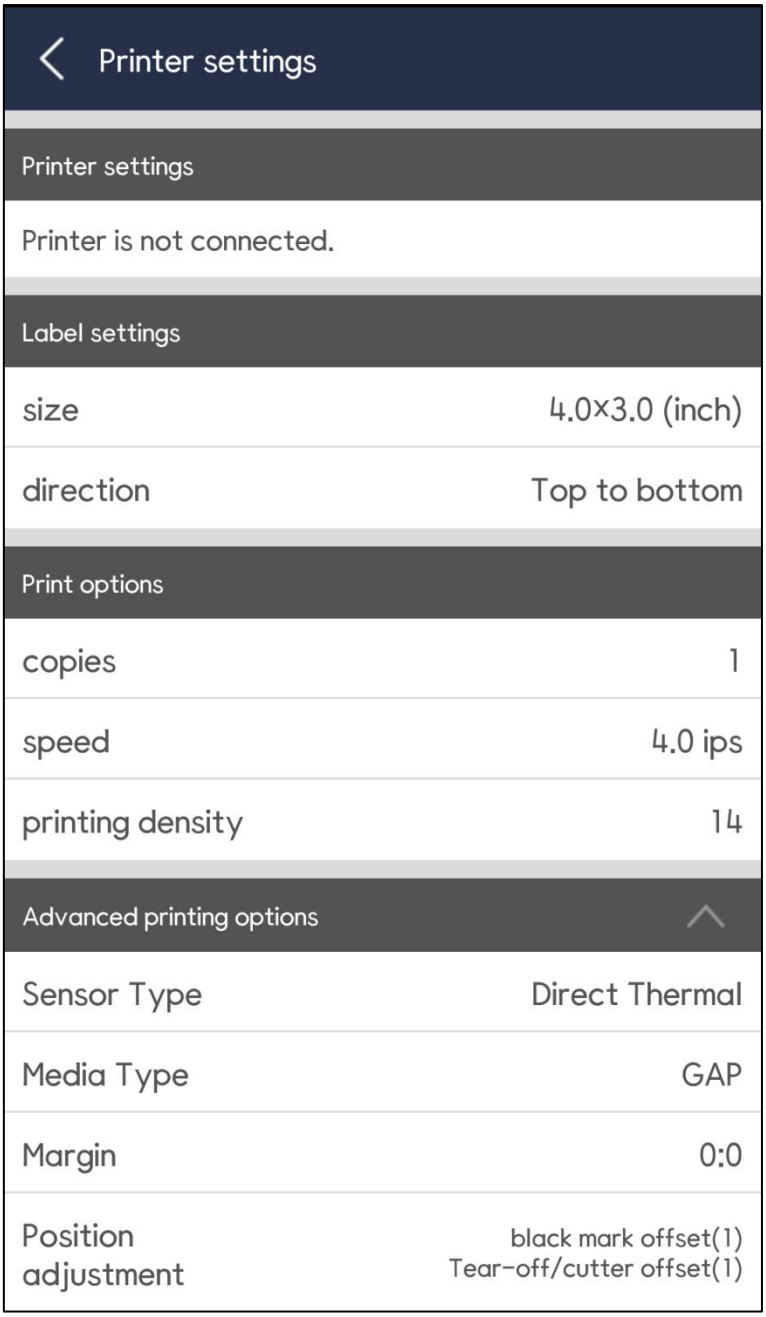


1) Moves to data input screen of the template by selecting template name.
2) You can delete the template by pressing the template name long.
3) A list of variables stored in the template is displayed, and you can print it via the print button at the bottom.

⚠	Images cannot be edited.
❗	- For a description of store template, see **3-2-1. Top menu** section. - For a description of adding text variables, see **3-2-2. Text settings** section. - For a description of adding barcode variables, see **3-2-5. Inserting barcodes** section.

3-9 Settings

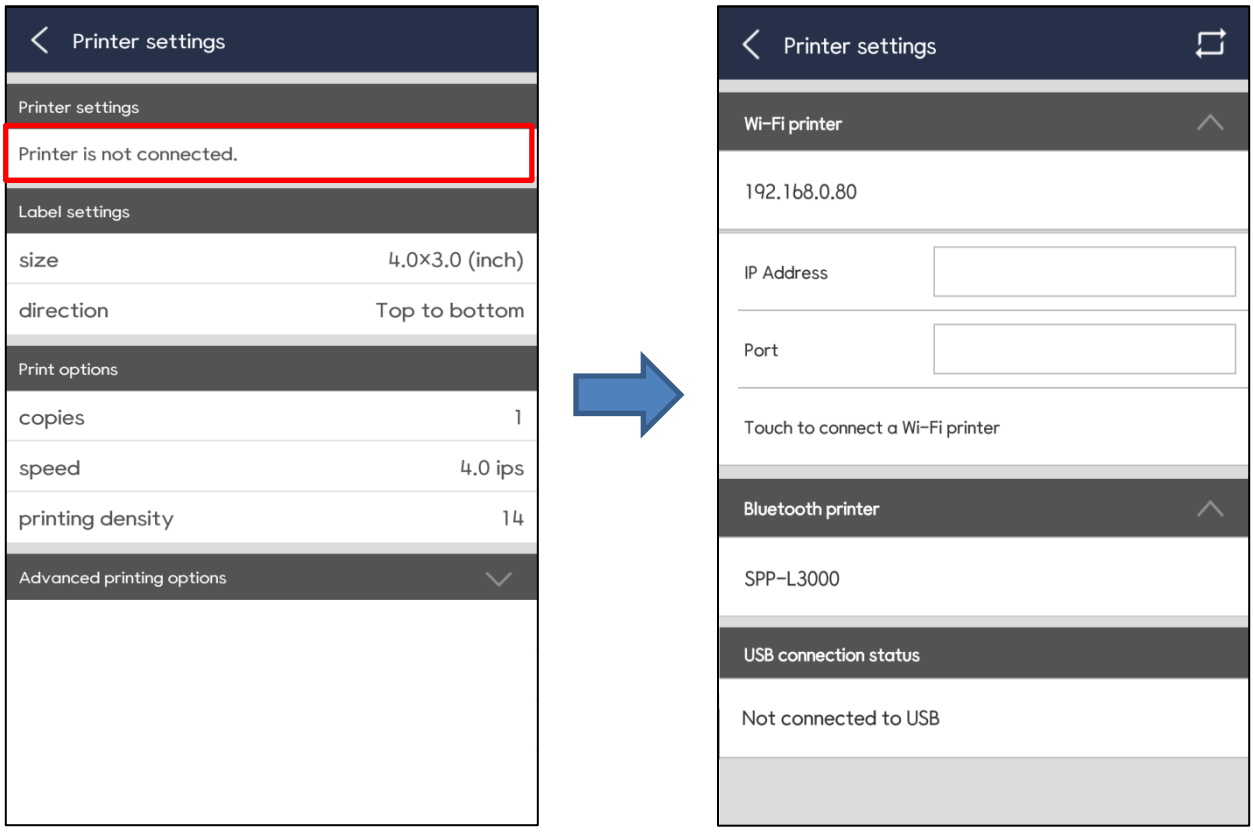
• You can change the printer connection and print settings.



3-9-1 Printer settings

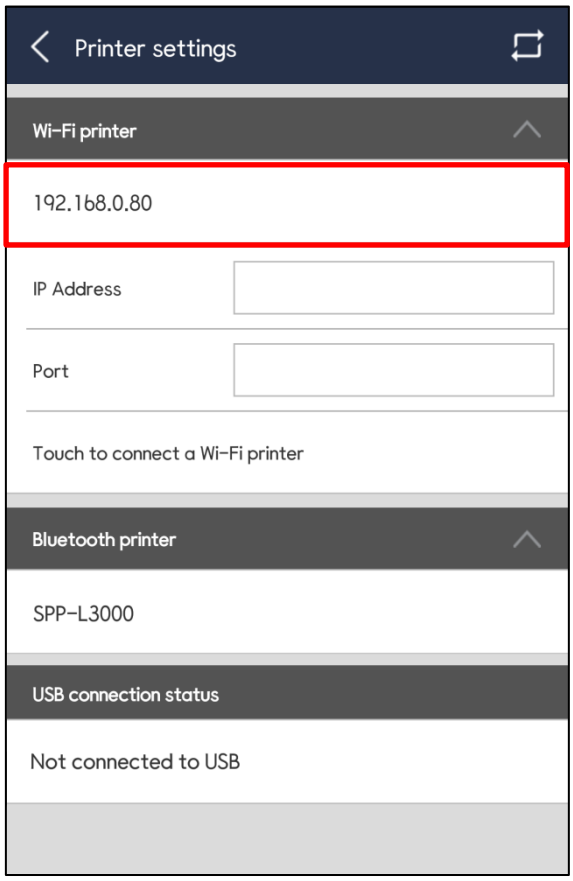
Press the printer setting button on the screen to see the following screen.

Wi-Fi, Bluetooth, Ethernet connection is possible. After connecting to the printer, it goes back to the previous screen.

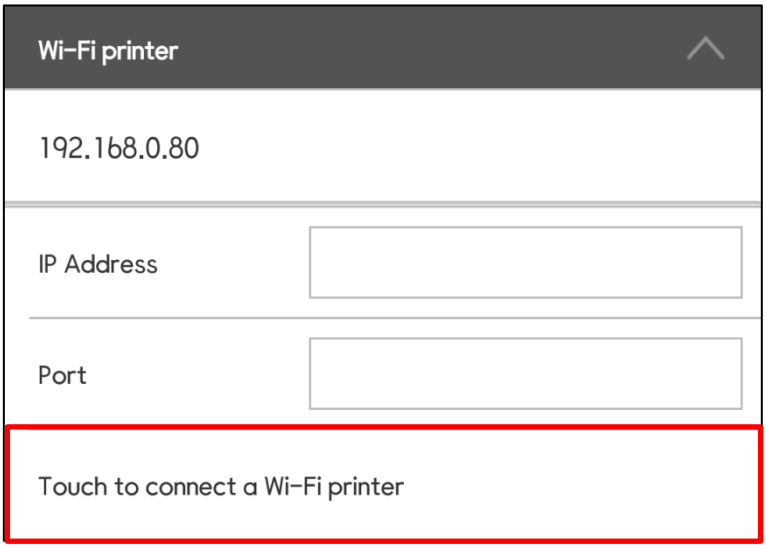


1) Wi-Fi Printer

- Shows a list of printers that can be connected via Wi-Fi.
- Select a printer from the list if you want to try to connect to the printer.

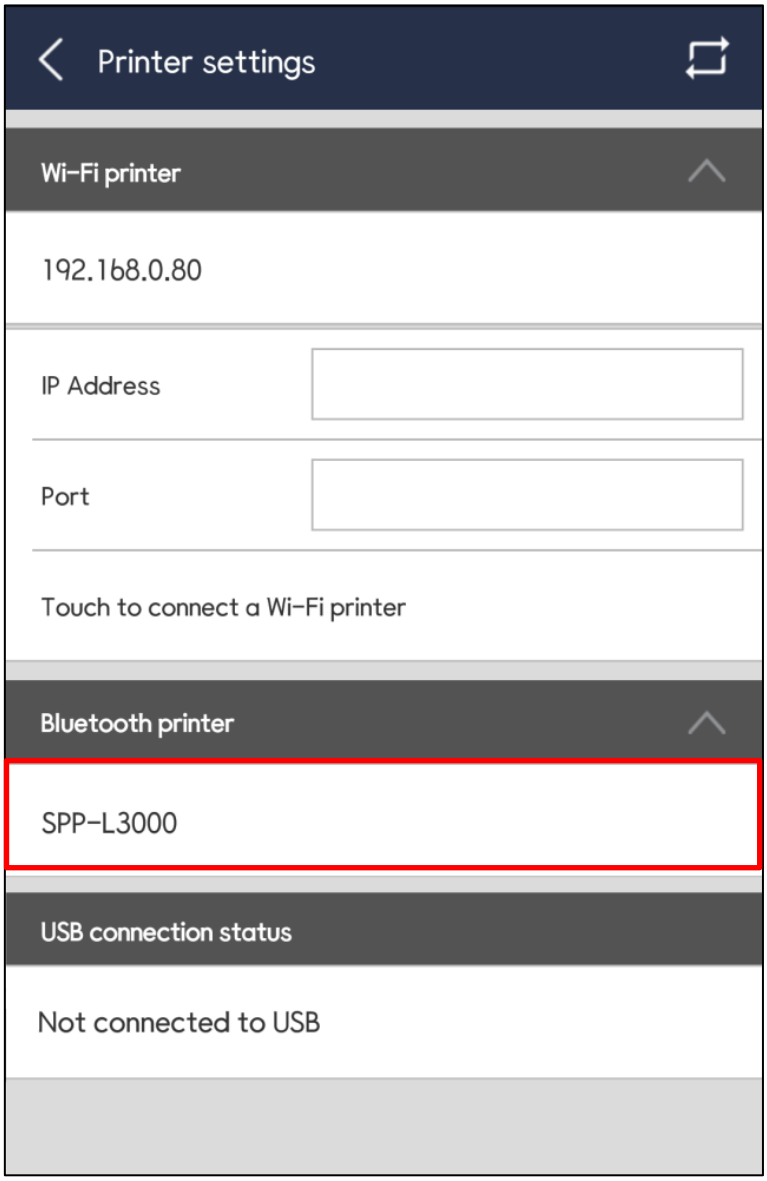


- If you want to connect manually, you can try to connect to the printer after entering the IP address and port number.



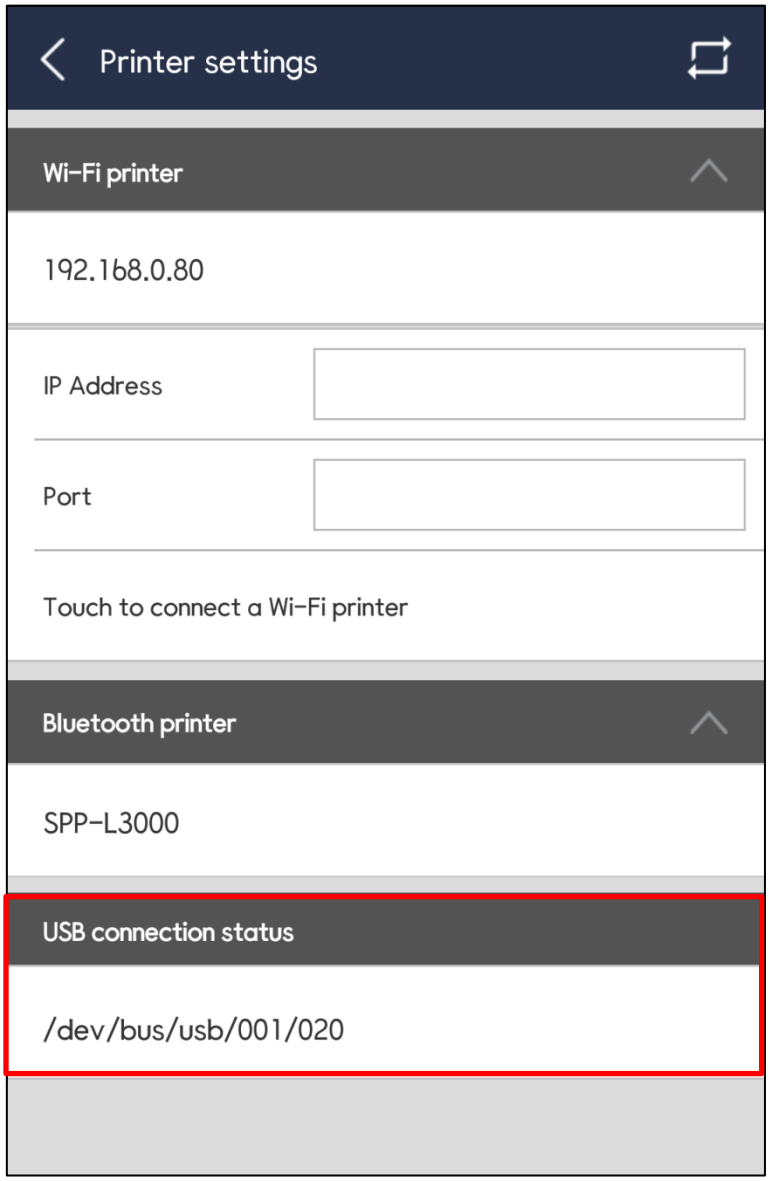
2) Bluetooth Printer

- Shows a list of Bluetooth printers paired with the host device.
- To connect via Bluetooth, the host device and printer must be paired in advance.



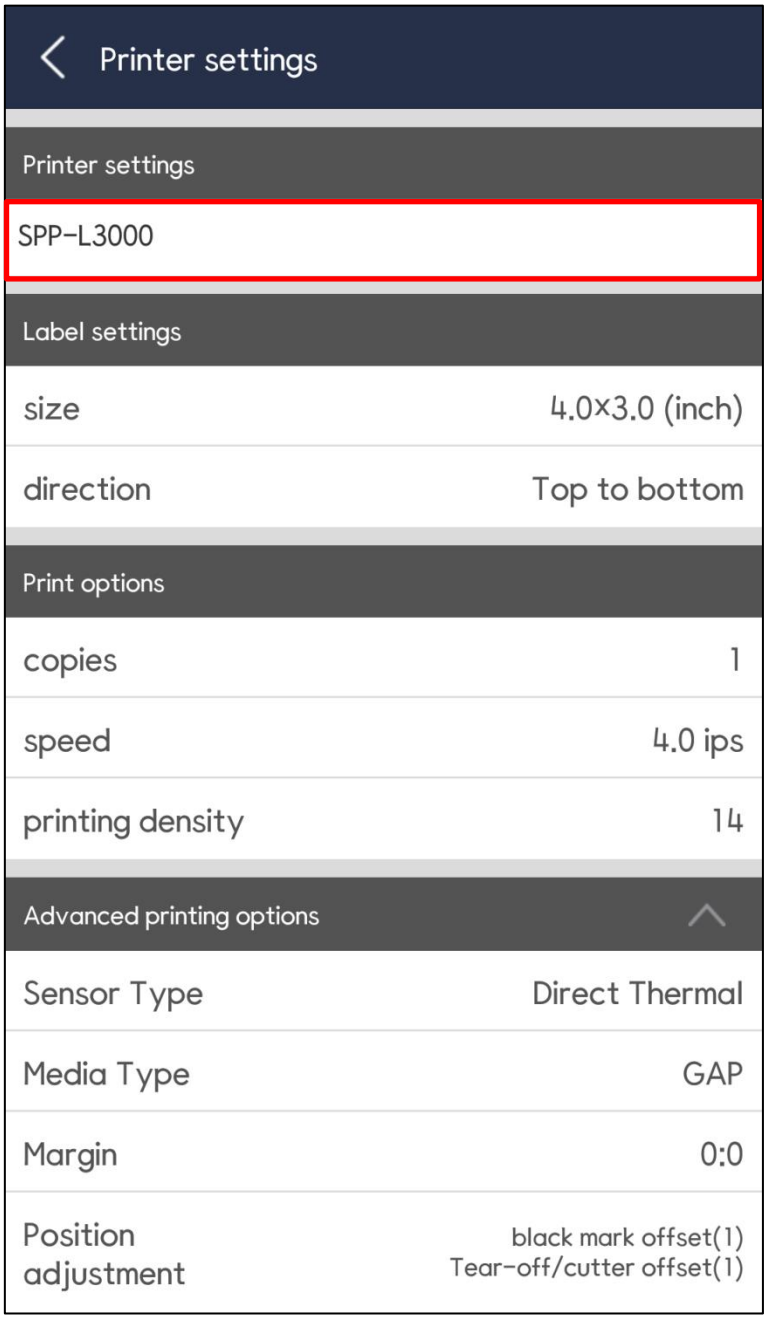
3) USB Connection

- Shows the printer connected via USB to the host device.



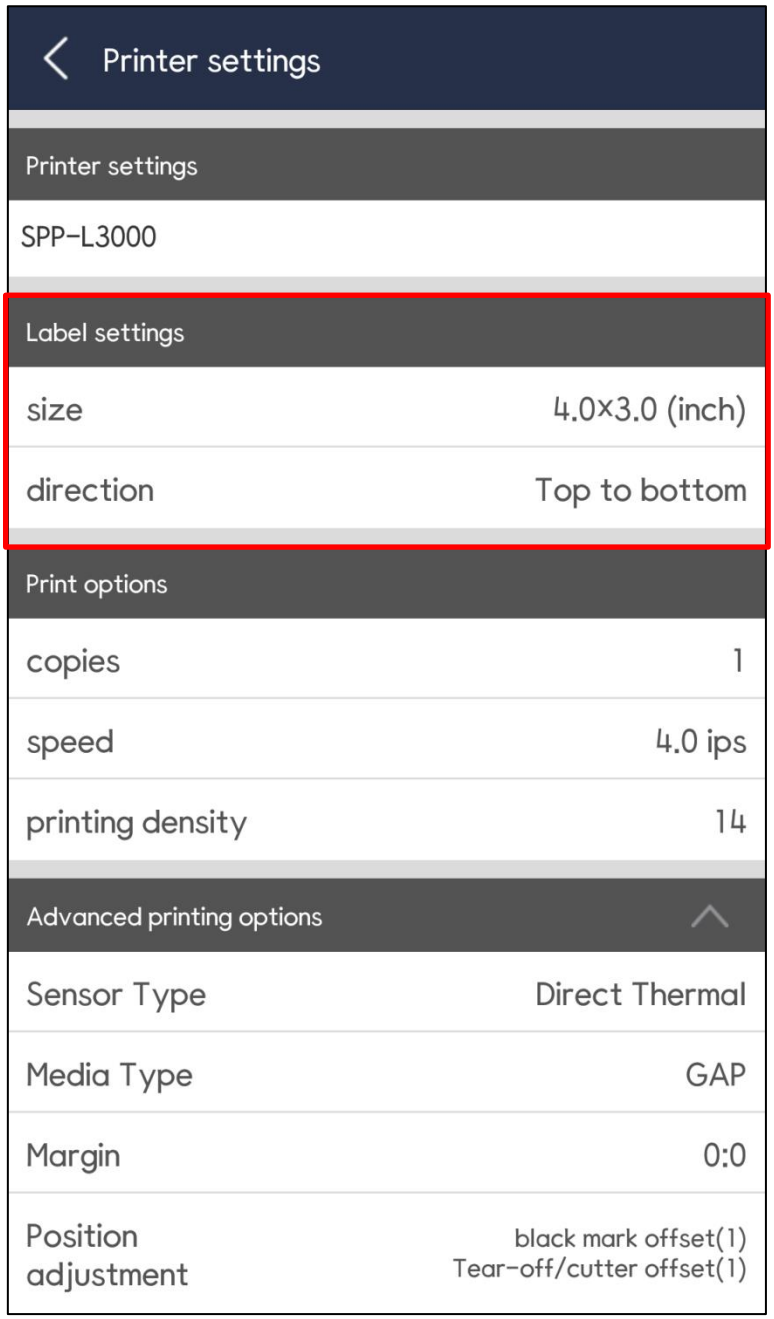
It can be used after connecting to the host device and printer using OTG gender.

4) Printer settings
   - Shows the model name of the connected printer.



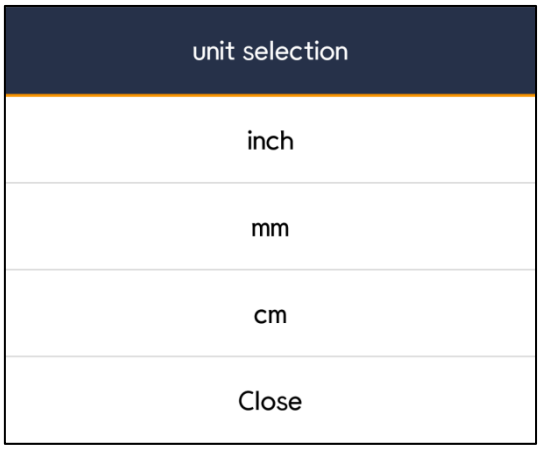
3-9-2 Label settings

You can set the size and orientation of the medium.

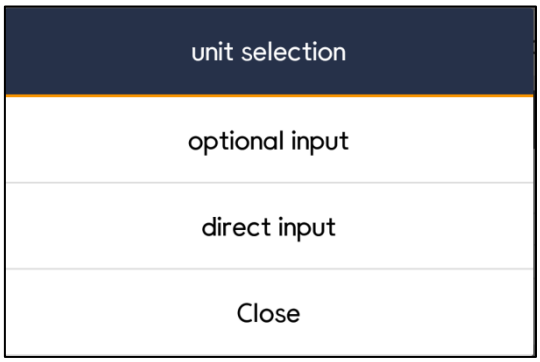


1) Size

- You can set the medium size for each unit. (inch, mm, cm)

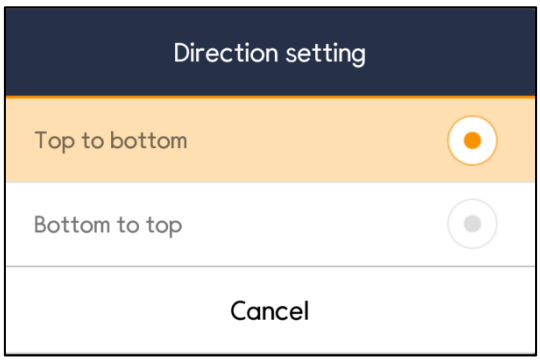


- You can set the size of the medium by selecting the unit.



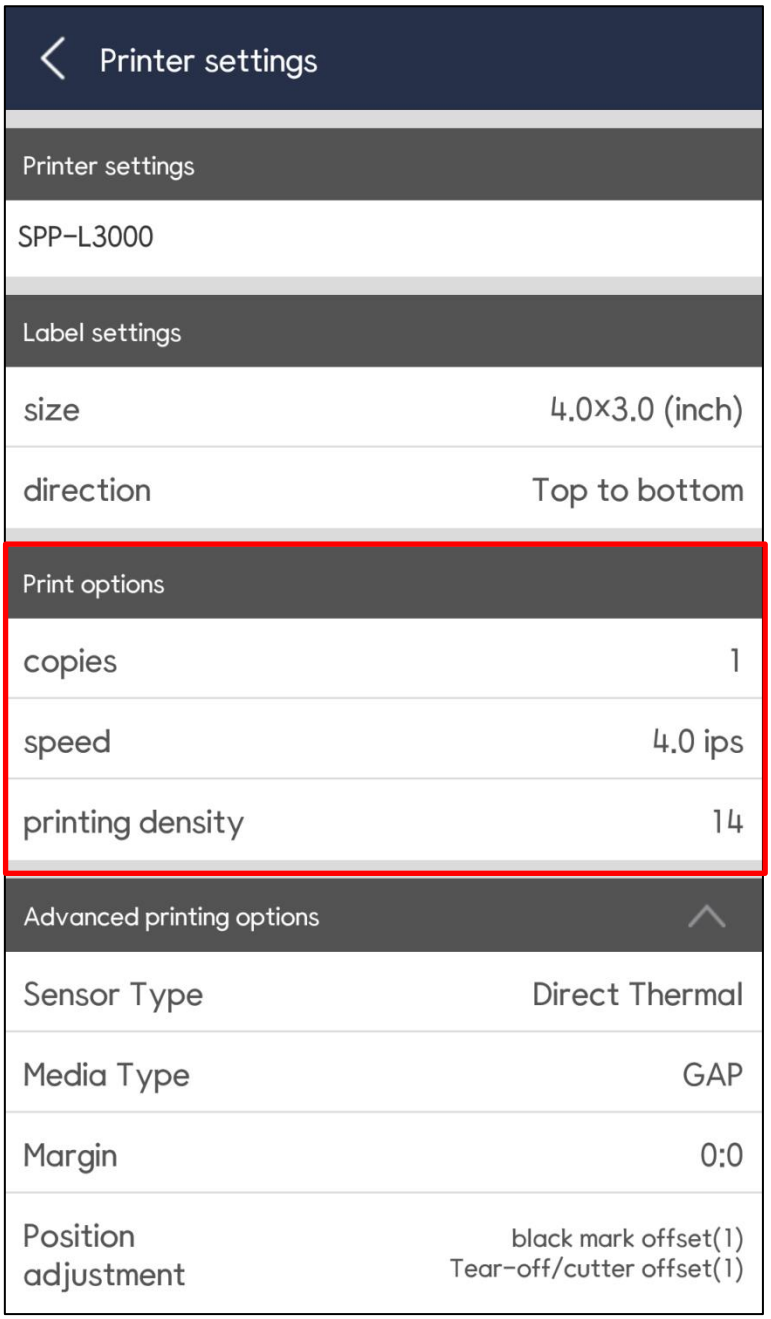
2) Direction

- You can set the print medium's orientation.

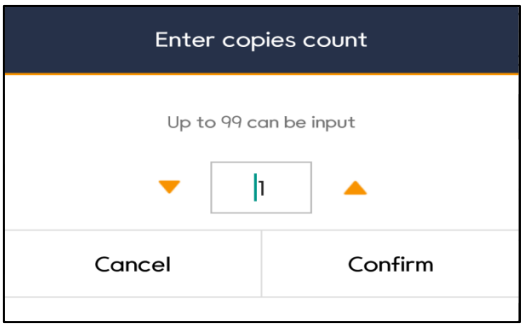


3-9-3 Print option

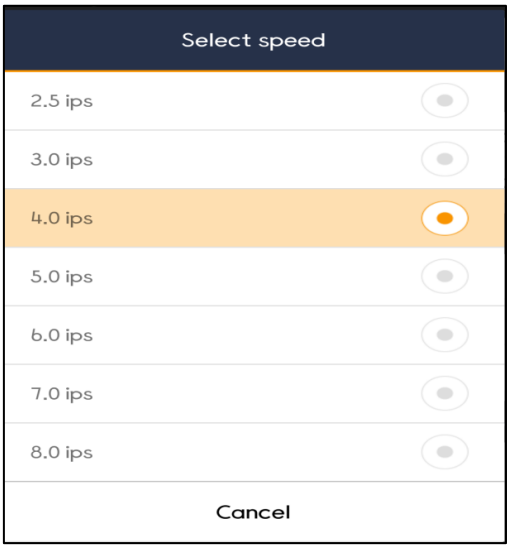
You can set the number of prints, print speed, and print density.



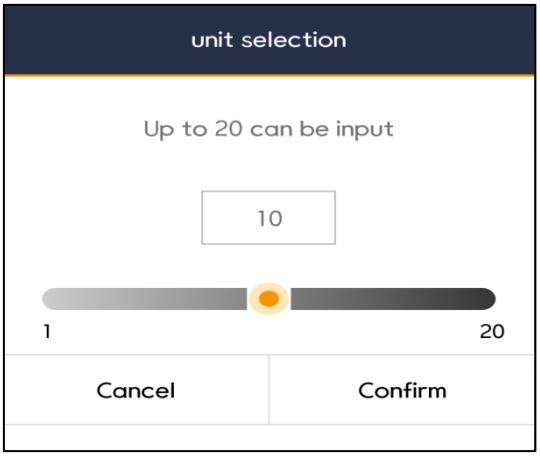
1) Copies
   - You can set the number of prints (up to 99).



2) Speed
   - You can set the print speed.

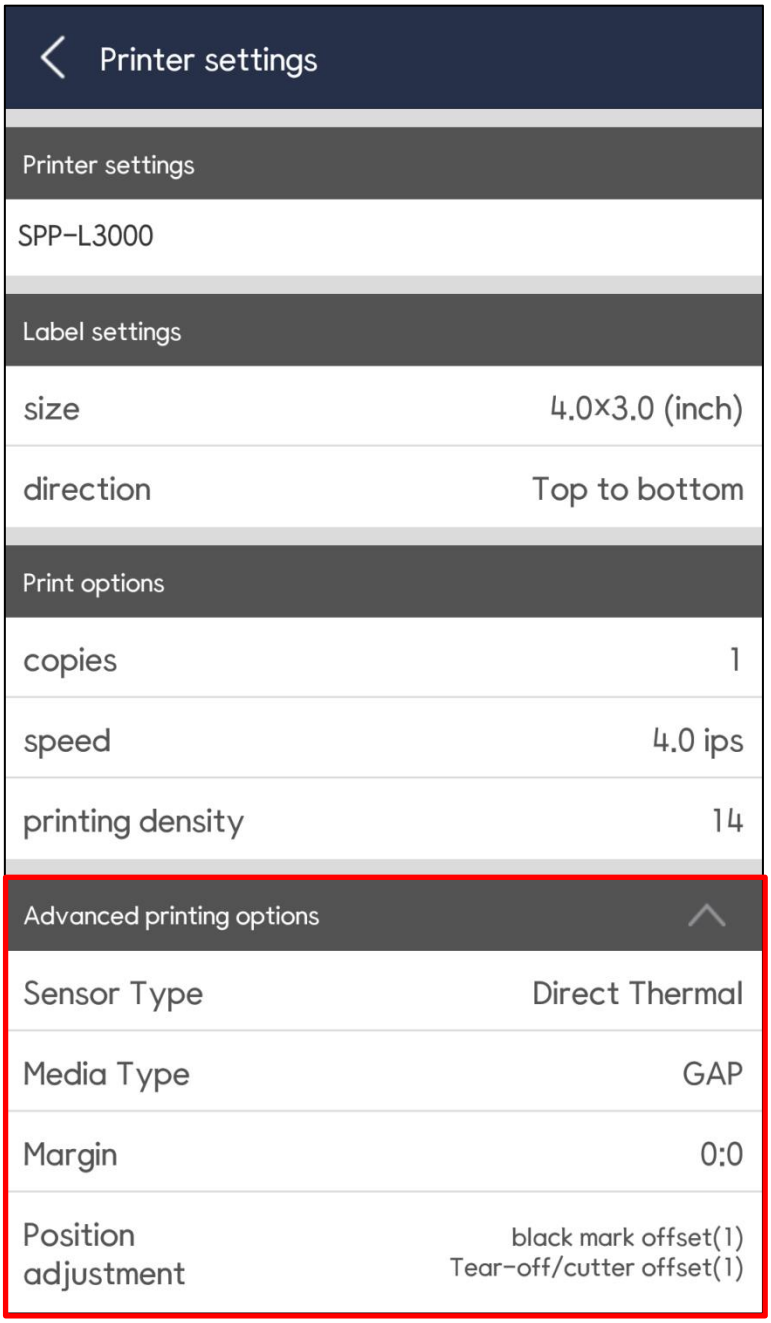


3) Density
   - You can set the density of prints.
   - If the density is too low, it may be printed as white medium.

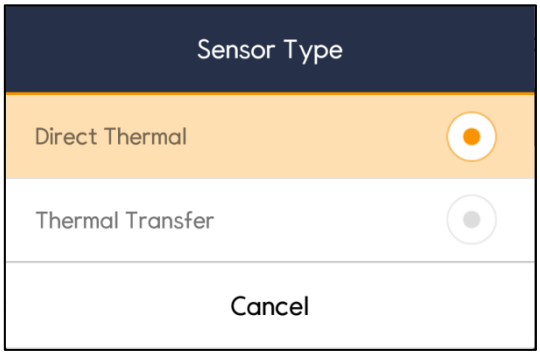


3-9-4 Advanced printing options

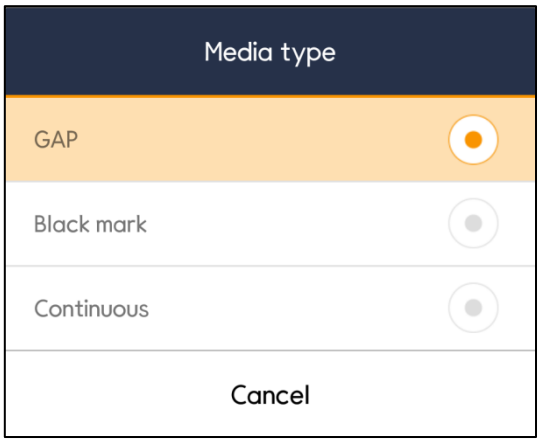
You can media and sensor type, margin, offset, auto count, and crop options.



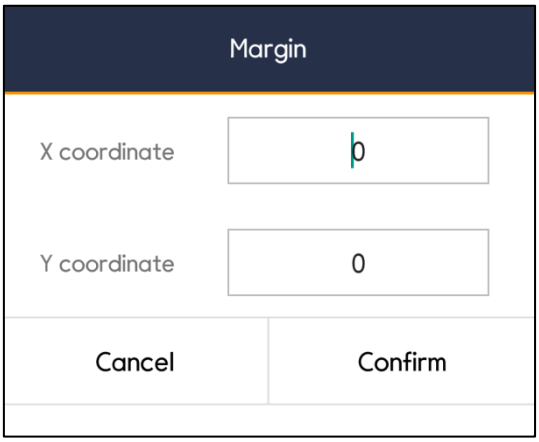
1) Sensor Type
   - Sets the sensor type of the printer.



2) Media type
   - Sets the media type.

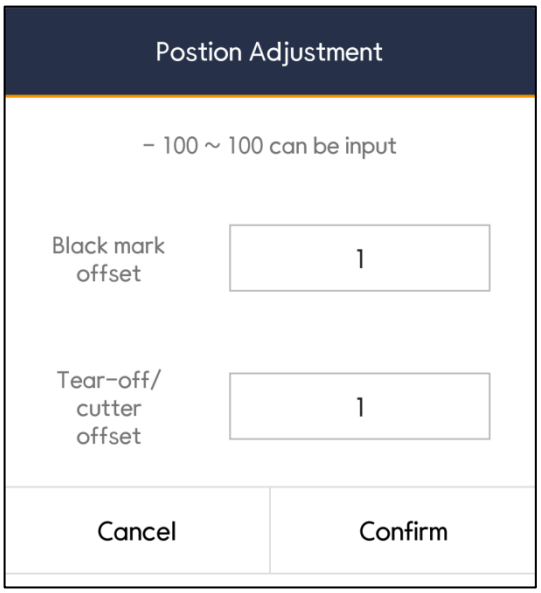


3) Margin
   - Sets margins.



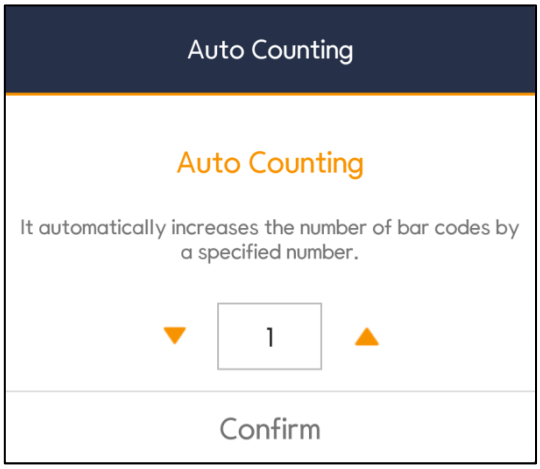
4) Position Adjustment

- You can set the gap between the gap or black mark and the perforation line.
- You can set the tear-off or cutting position of the printer.



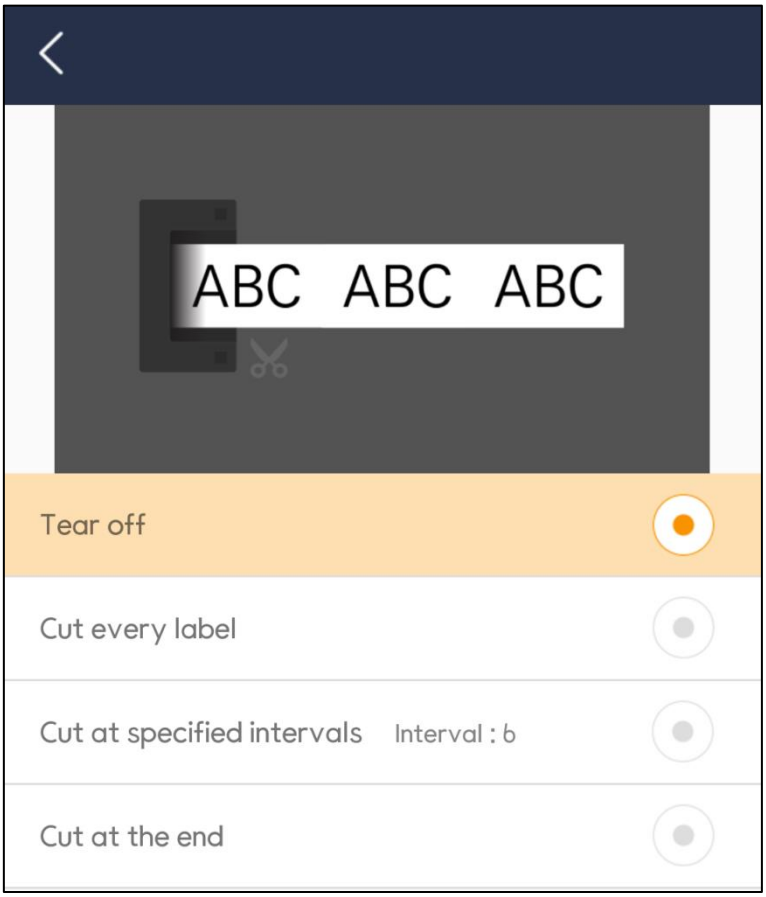
5) Auto Counting

- Sets the number to automatically increase.



For auto counting, see **3-2-2. Text settings**, or **3-2-5. Barcode insert** and edit section.

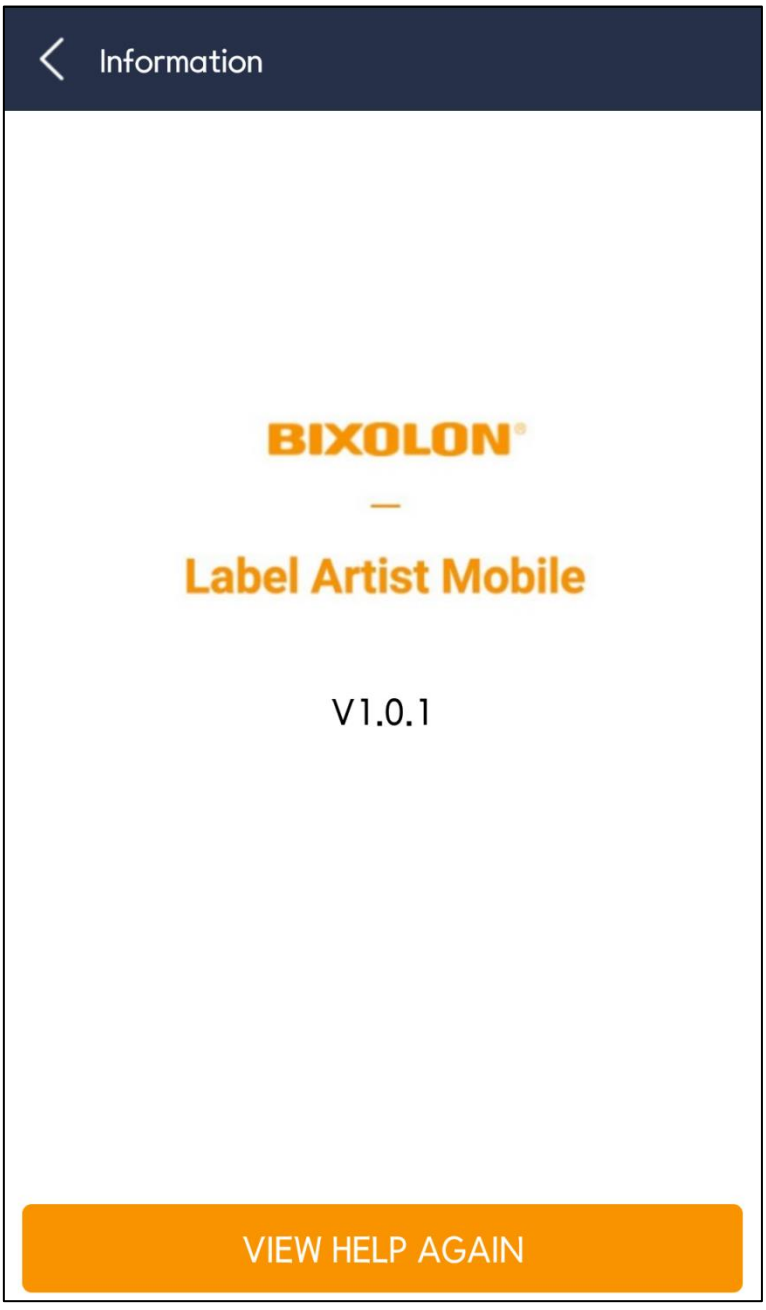
6) Cutting option
   - Sets whether to cut or not.



On models without a cutter, an error will occur during setup.

3-10 Information

• Select the ⓘ button in the upper right corner of the main screen to see app information and help.

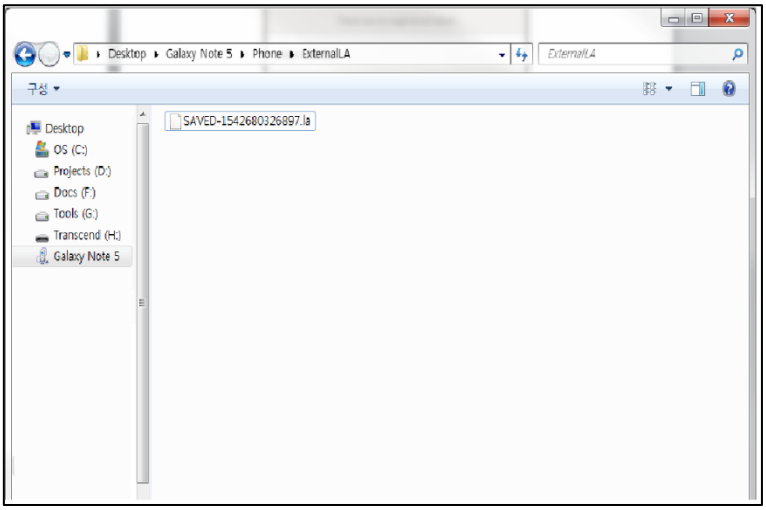


1) VIEW HELP AGAIN
   ▪ You can receive help for using the app.

4. ETC

4-1 Import external label design file

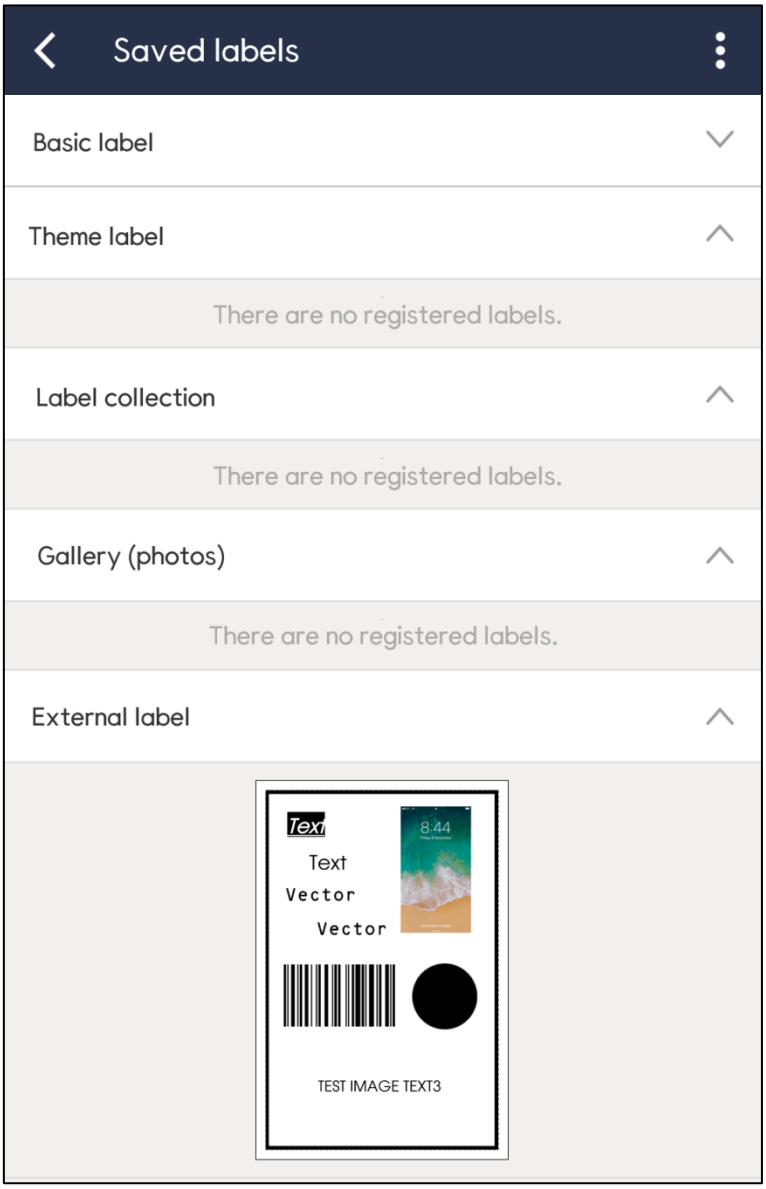
1) Select the '.la' file you saved from the other phone and put it in the 'ExternalLA' folder in the internal storage of the connected phone.
2) Label Artist Mobile's labels are stored in '.la' format, and files with other extensions can't be imported.



저장 경로는 안드로이드 버전에 따라 달라질 수 있습니다.
"/Android/media/com.bixolon.labelartist/ExternalLA" 또는
"/BixolinLabelArtist/ExternalLA" 경로를 사용합니다.

4-2 Saving and importing label design files

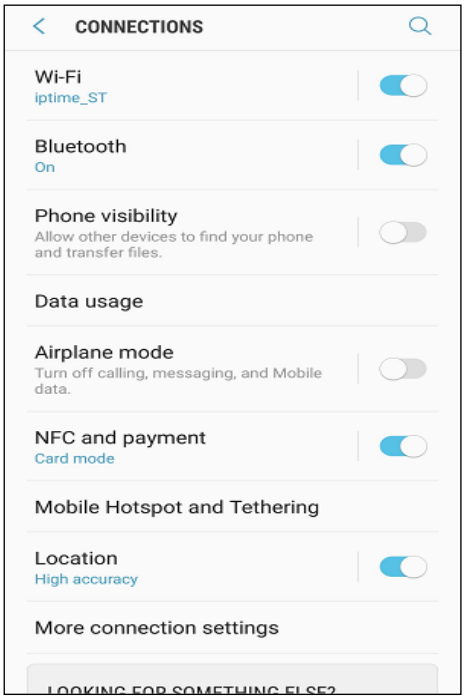
1) After configuring the label, you can save it through the pop-up menu in the upper right corner.
2) When you save, the file is saved as an arbitrary name in the '/ExternalLA' folder of the internal storage.
3) When importing a saved file, you can check it with the 'External label' item in 'Saved label' menu.



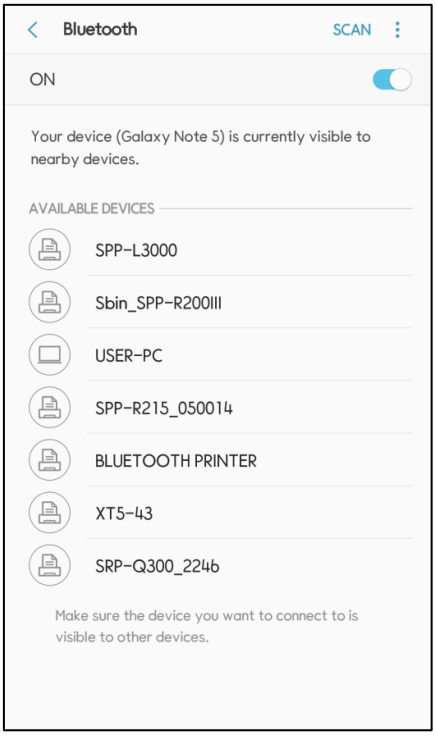
4-3 Bluetooth Connection

1) Turn on the printer power.

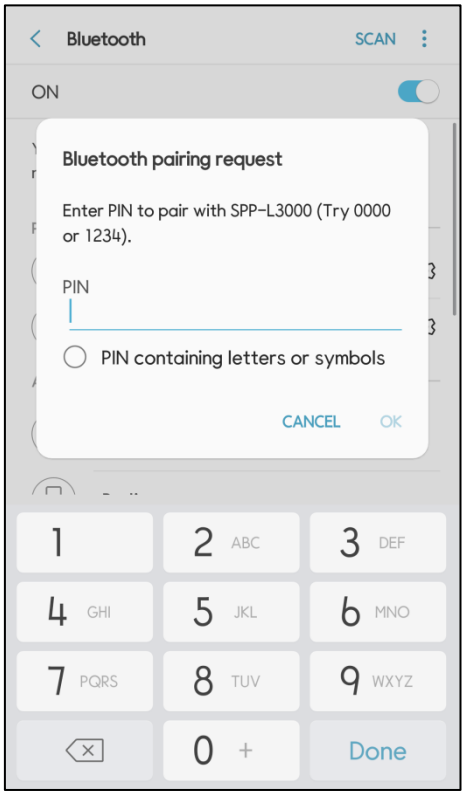
2) Select [Settings] - [Bluetooth].



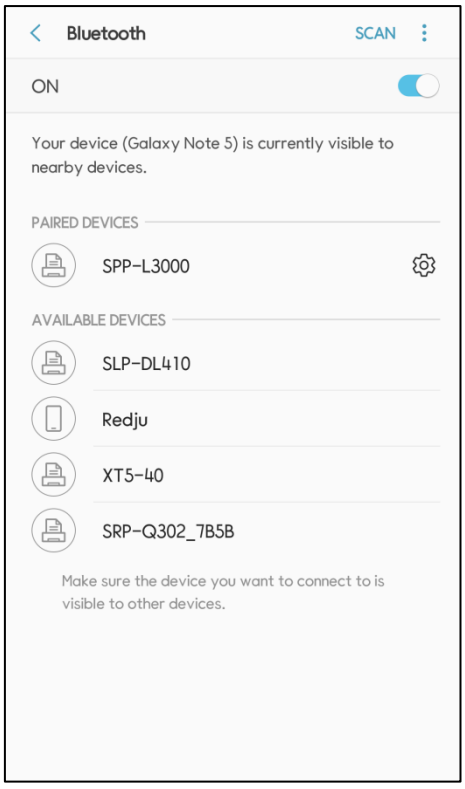
3) If you change from 'off' to 'on', then you can find available device list for Bluetooth connection. Select a device you want to connect on the list.



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



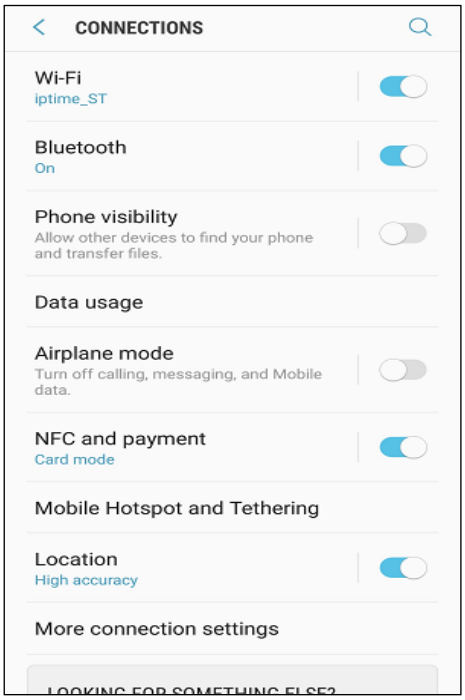
5) If you find a device you want to connect on the 'Paired Devices',
then the connection is well done.



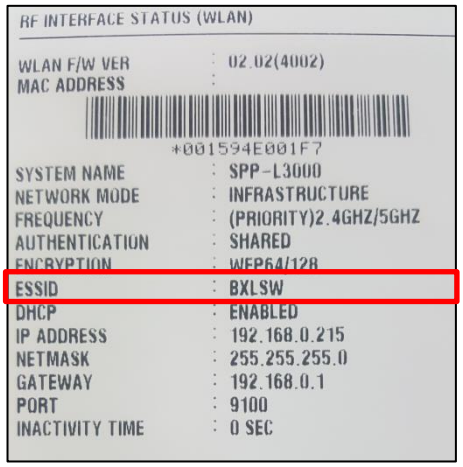
4-4 Wi-Fi Connection

1) Turn on the printer power.

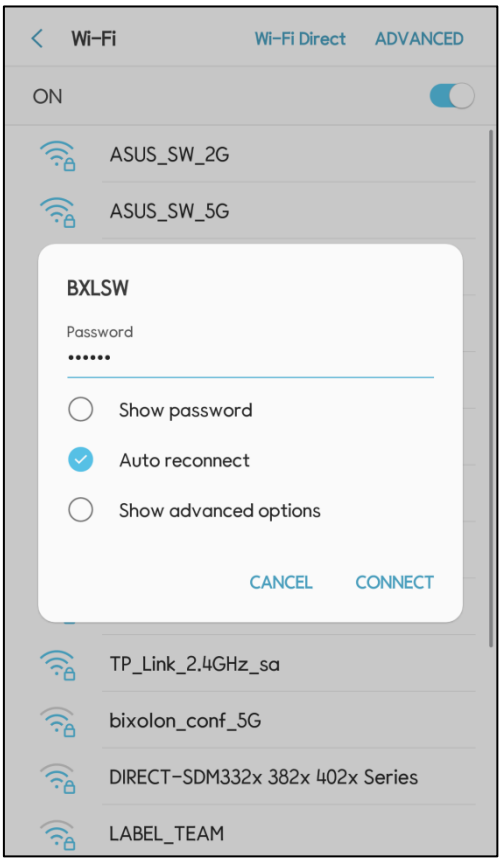
2) Select [Settings] - [Wi-Fi].



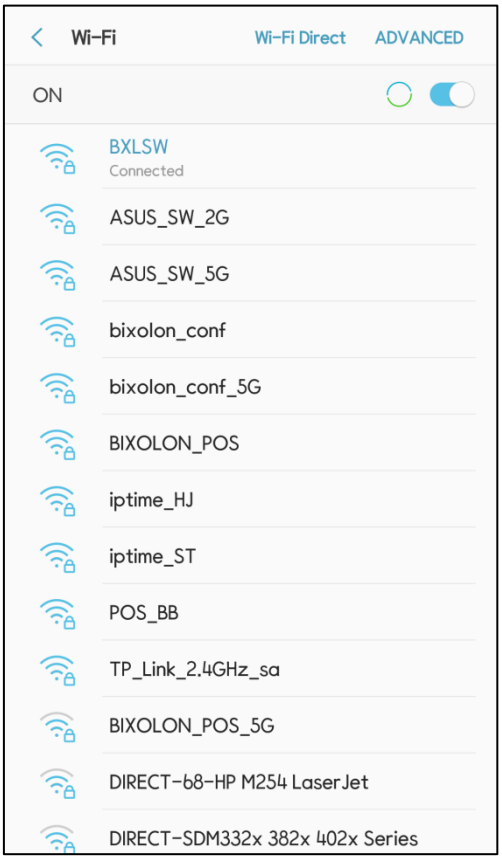
3) Check the network information set in the printer.
Please check [RF Interface] - [ESSID] after self test
For the self-test, press and hold the Feed button while the printer is off.



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	05-12-2018	New
1.01	25-01-2019	Add supported model Add 2D barcode option description
1.02	06-03-2019	XD3-40d Add supported model
1.03	19-03-2019	XQ-840 Add supported model
1.04	25-06-2019	XD3-40d Remove supported model XQ-843, XL5-40/43, XD5-40d/43d Add supported models
1.05	29-1910.29	XL5-40 → XL5-40CT Changed model name
1.06	07-11-2019	XD5-40t, XD5-43t, XM7-40 Add supported models
1.07	10-03-2020	XM7-20 Add supported model
1.08	08-09-2020	XT5-40NR, XD5-40tR Add supported models
1.09	05-10-2020	RFID model notation change SRP-S3000_LABEL Add supported model
1.10	30-07-2021	XM7-40 RFID function information added XT3-40, XT3-43 add supported models Changed font to Noto sans
1.11	27-04-2022	XM7-30 add supported model
1.12	07-04-2023	Added text setting options Added 1D barcode HRI notation
1.13	12-01-2024	XQ-840II, XQ-843II add supported models
1.14	16-01-2025	XD5-40IId, XD5-40IIt, XD5-43IId, XD5-43IIt add supported models
1.15	11-04-2025	BD5-40d, BD5-43d, BD5-40t, BD5-43t, BT3-40, BT3-43, BT5-40, BT5-43, BT5-46 add supported models
1.16	09-09-2025	XM5-30, XT6-60, XT6-63 add supported models
1.17	23-09-2025	XT6-40, XT6-43, XT6-46 add supported models
1.18	30-09-2025	XD7-20d, XD7-23d add supported models
1.19	11-08-2026	XC3-40d, XC5-40d, XC5-43d add supported models