



# Handheld Smart Inkjet Printer

H100G/H200G Series

## User Manual

Version V3.2.7

✉ **Support Email:** [info@printisian.com](mailto:info@printisian.com)

🌐 **Website:** <https://printisian.com>

🏢 **Manufacturer:** Guangzhou Yufea Technology Co., Ltd.

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Thank you for choosing our product. Please read this manual carefully before use.

# 1 Device Introduction

## 1.1 Device Composition Introduction



## 1.2 Machine Parameters

Printing Height	Adjustable from 2-12.7mm or 2-25.4mm
Printing Width	Adjustable from 2-1000mm
Printing Distance	2-5mm
Net Weight	512g
Dimensions	Length*Width*Height (14.5*5.3*22.5cm)
Screen Size	5 inches (1280*720) capacitive screen
Printing Content	Text/QRcode/Barcode/Date/Graphic/Table/Segmented/Variable text/Variable image Variable QR code/Variable barcode
System Language	Simplified Chinese/Traditional Chinese/English/Japanese/Korean/Arabic/Bengali German/Spanish/Persian/French/Italian/Portuguese/Russian/Thai/Vietnamese
Machine Material	ABS material
Battery Capacity	3000mAh
Power Parameters	Input 100-240V AC; Output 5V DC2A
External Interface	USB/Type-C
Operating Environment	Temperature 0-40°C, Humidity 10-80%

# 2 Quick Guide to Using the Printer

## 2.1 How to Install the Ink Cartridge



1. Remove the ink cartridge protective clip



2. Press the ink cartridge slot switch to open the top ink cartridge compartment of the machine



3. Insert the ink cartridge into the slot at a 45° angle



4. Push forward slightly until you hear a "click," indicating the ink cartridge is installed successfully. Close the cartridge compartment cover.

## 2.2 How to Remove the Ink Cartridge



1. Open the ink cartridge compartment cover of the machine



2. Push the ink cartridge upward with your thumb



3. Remove the ink cartridge



4. Cover the ink cartridge with the protective clip and store it in a cool place

## 2.3 Startup test print



1. Insert the battery and ink cartridge (refer to section 2.1 for cartridge installation) (Note: If the battery level is low, charge it before use.)



2. Press and hold the power button for about 3 seconds to turn on the device (wait approximately 30 seconds to enter the main interface)

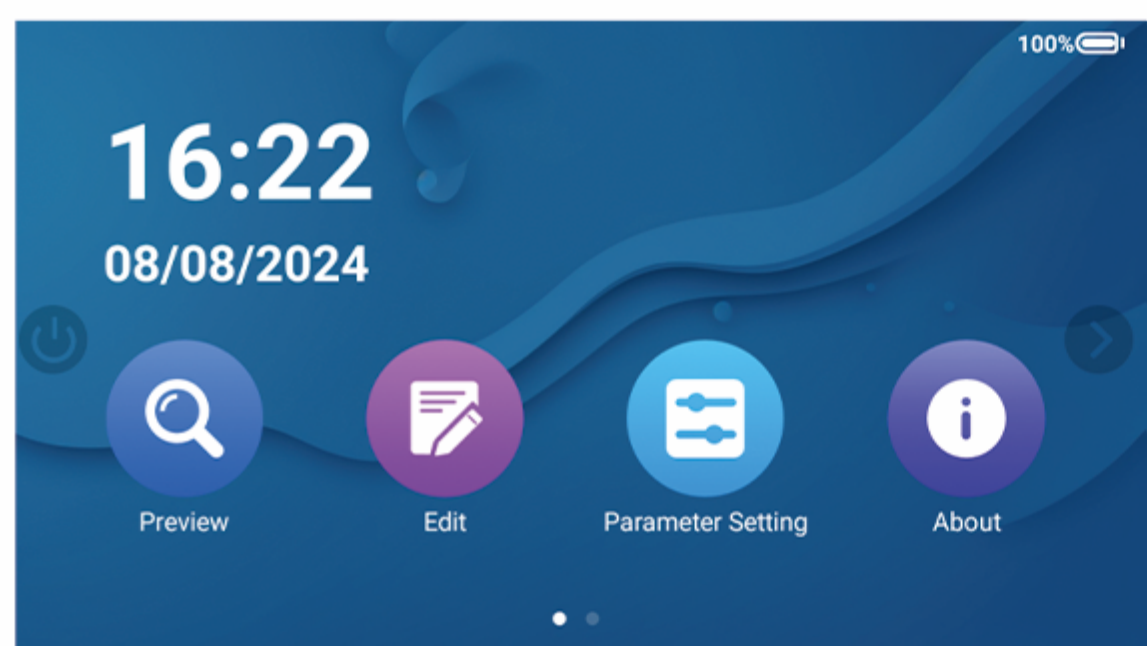


3. Click "Print Preview," then align the print head with paper or cardboard, press the print button, and slide to print

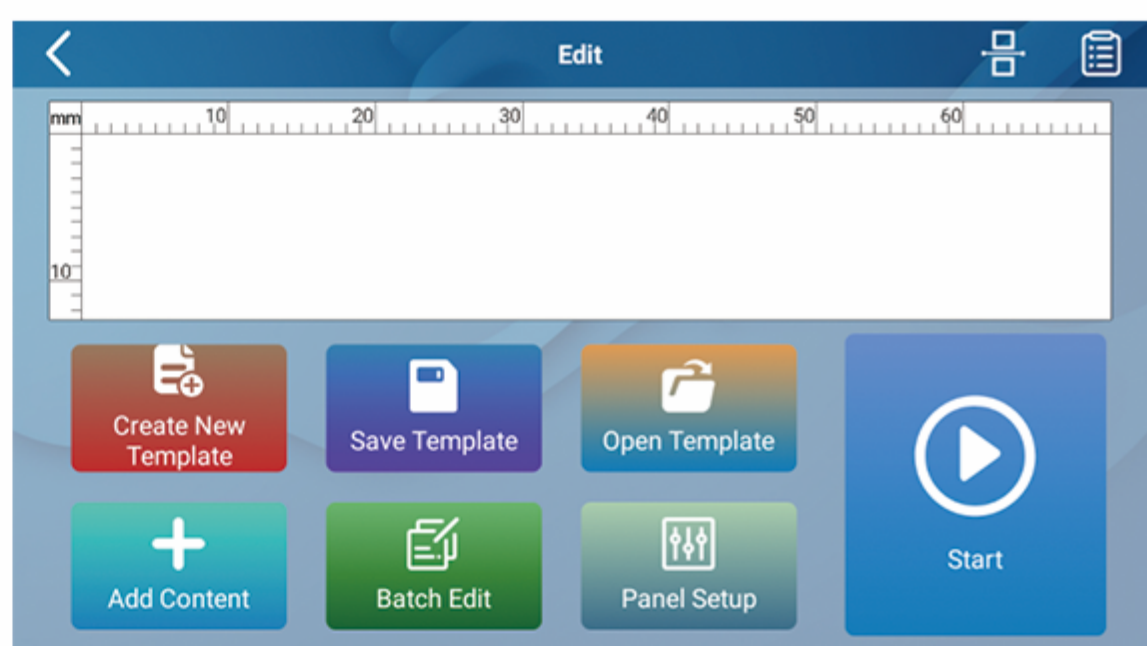


4. Check the printing results (Note: Normal print content will be displayed though slight variations may occur depending on the material.)

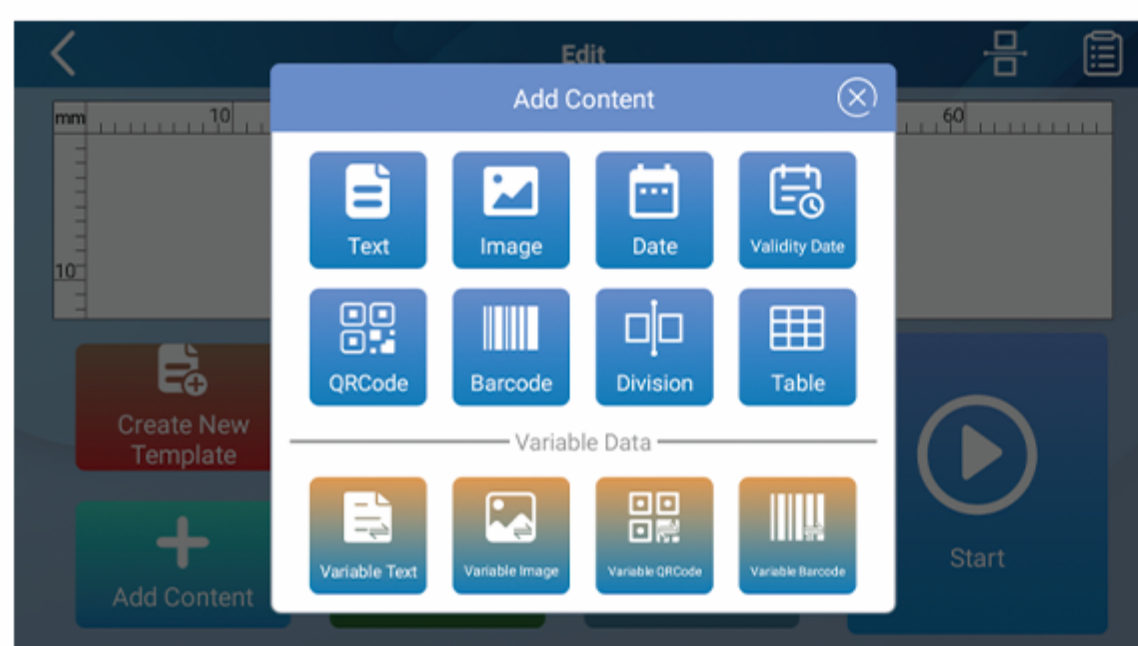
## 2.4 How to Edit Content and Print



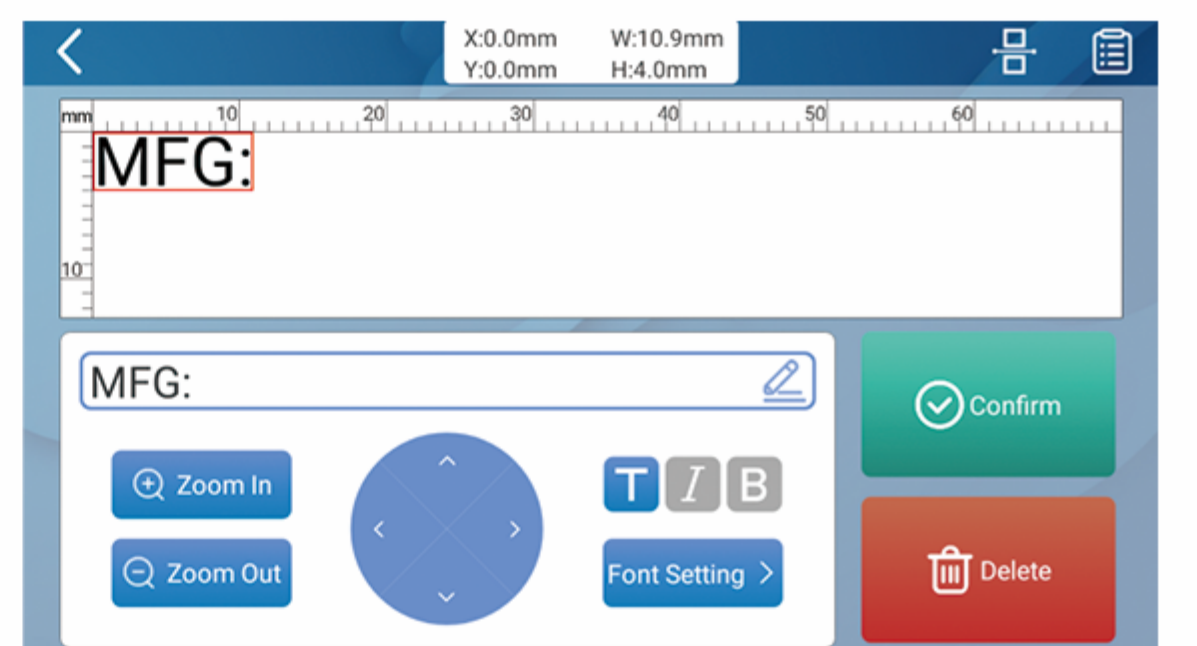
1. Click "Edit Content."



2. Click "Add Content."



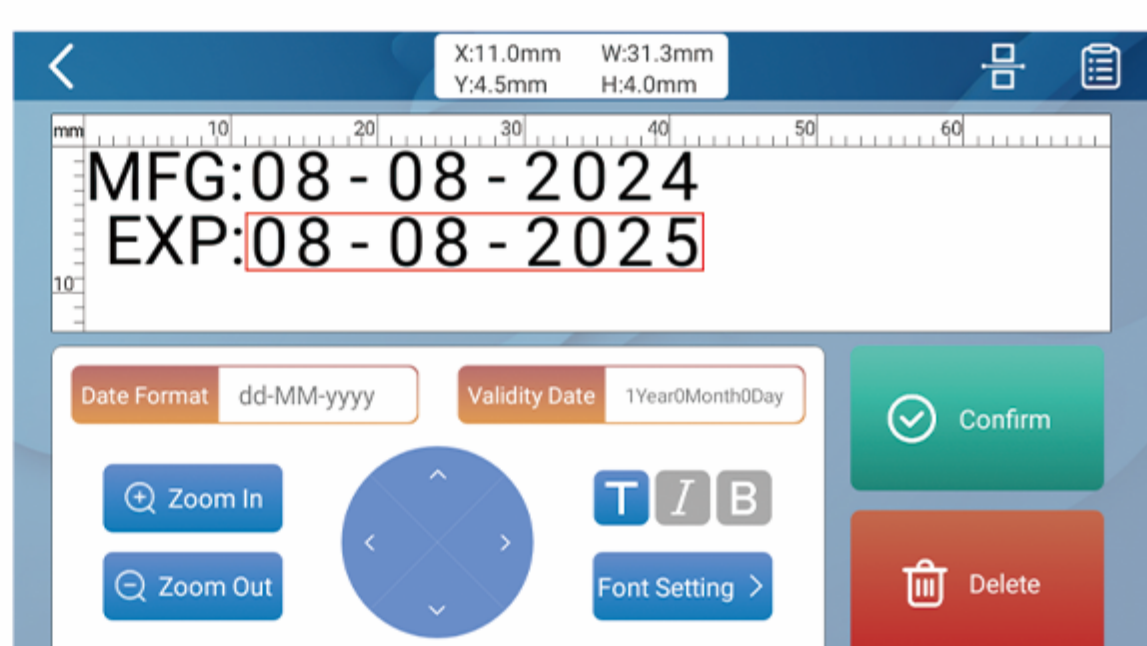
3. Click "Text" (or the appropriate content type based on what you want to print)



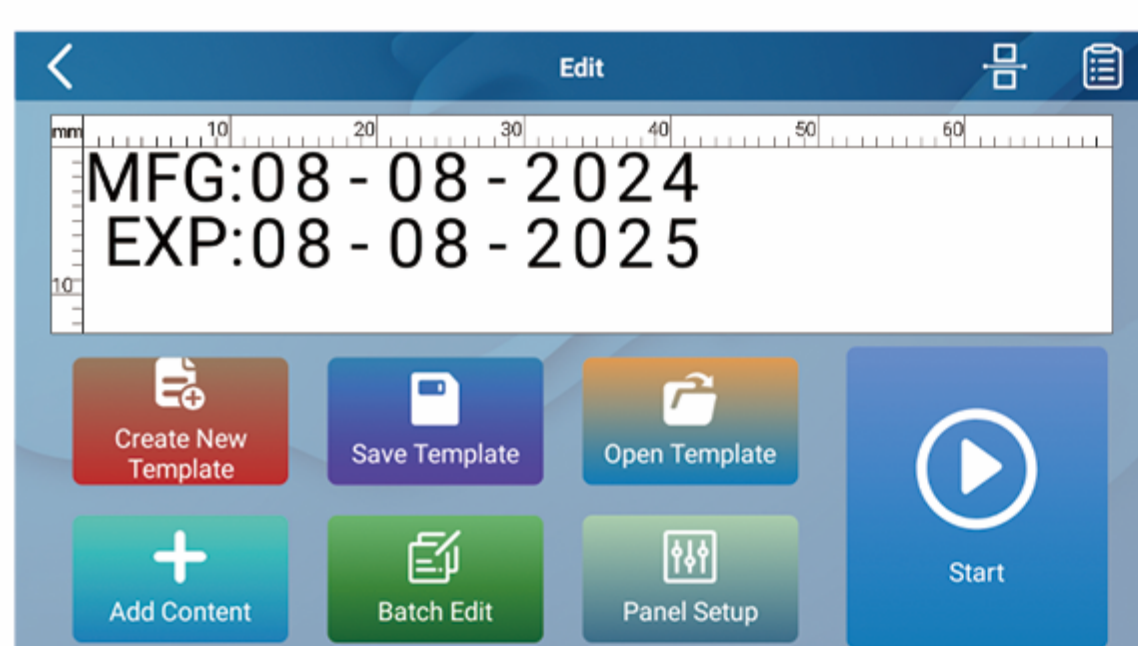
4. Enter the text content (e.g., "MFG:").



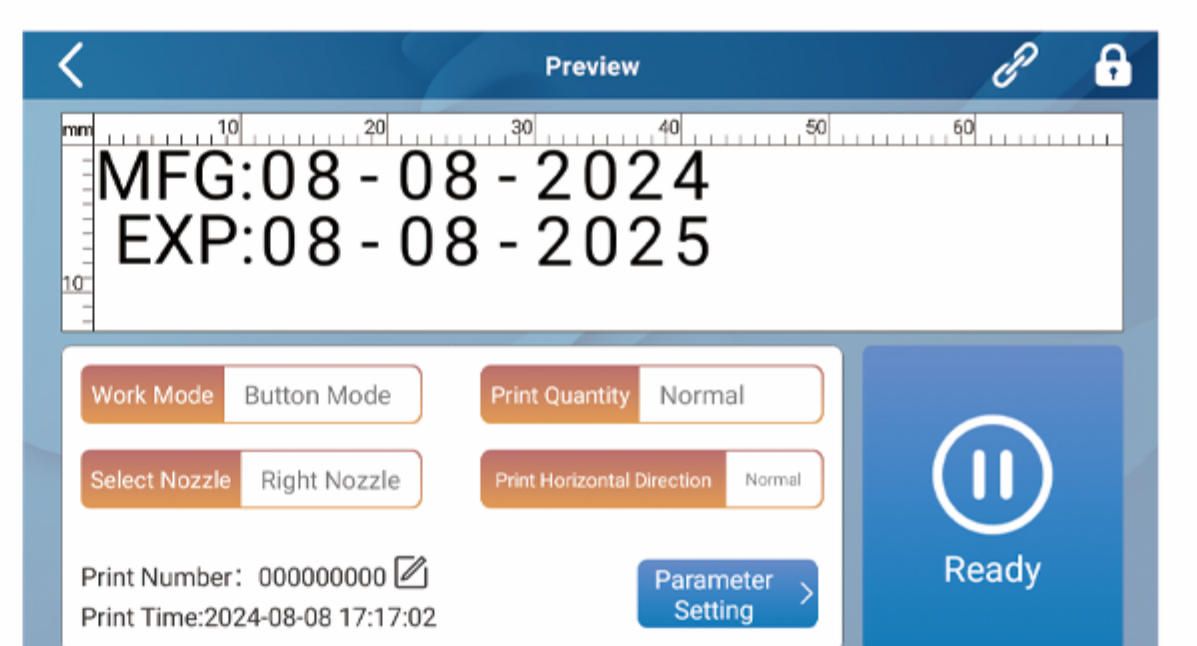
5. Click "Font Setting" to adjust more text parameters like font, style, spacing, etc., then click "OK."



6. Repeat the process to add content such as production date, expiration date, etc. Set each content's position, size, and style, then click the "Start" button



7. Click the "Start" button



8. After successful startup, it will transition to the print preview interface



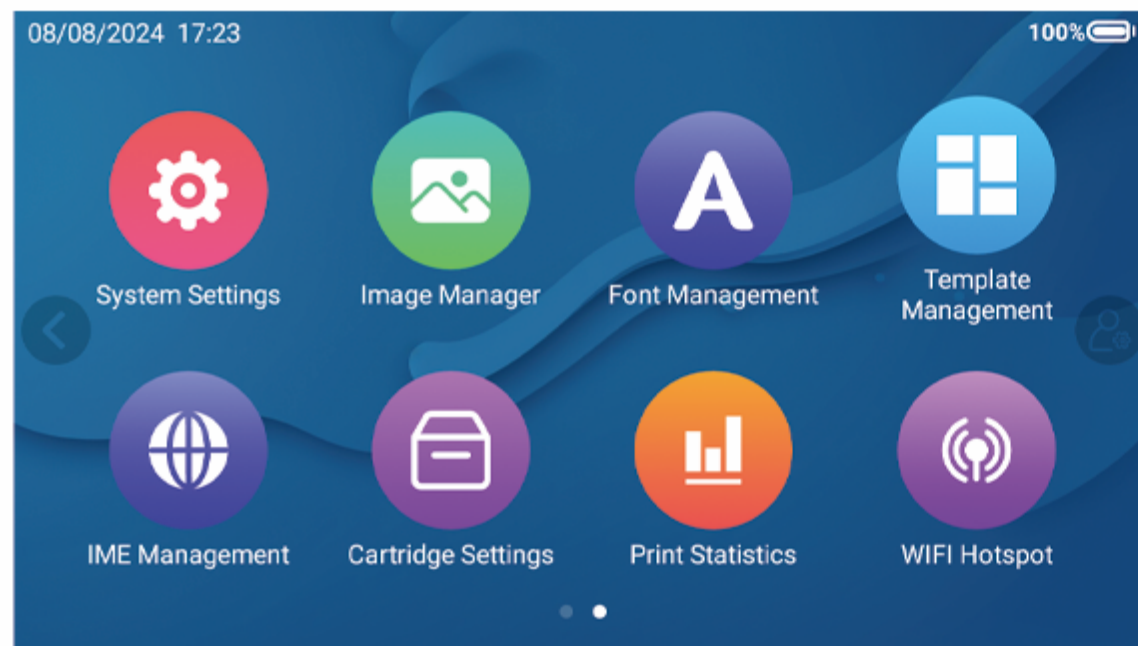
## Three Printing States

- Start Printing:** Not ready to print. After clicking, the state changes to "Ready."
- Ready:** Ready for printing. After pressing the button, the state changes to "Printing..."
- Printing...** In the process of printing. After printing is complete, the state returns to "Ready."

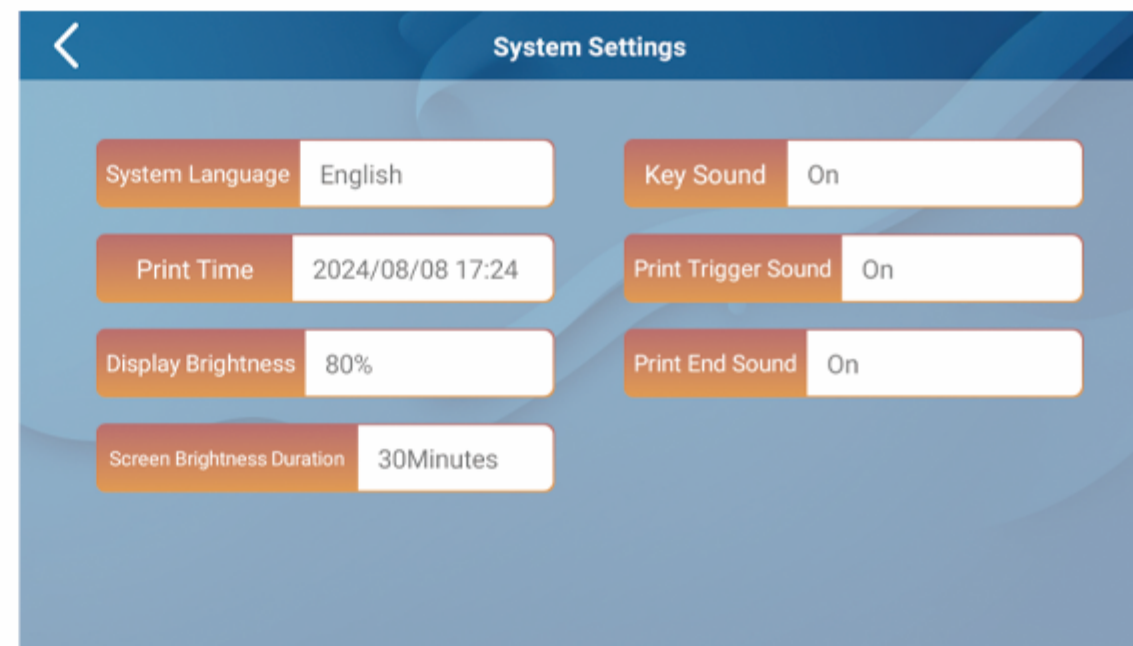
9. In the ready state, press the print button and then slide the machine to print.

## 2.5 How to Modify the Production Date and Expiration Date

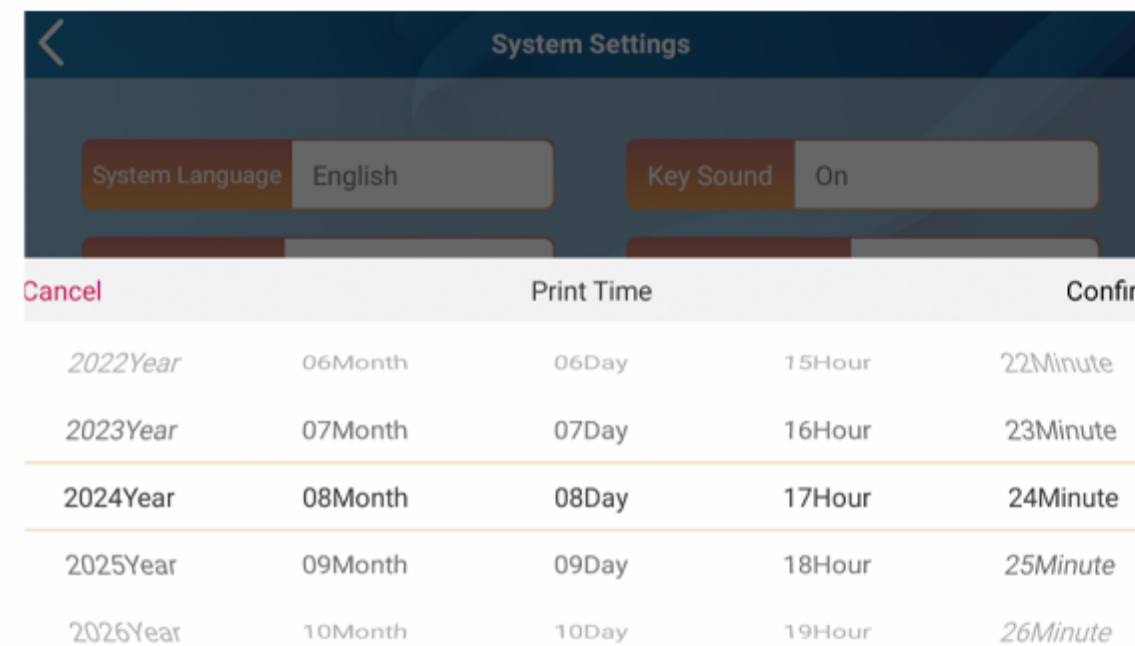
Both the production date and expiration date are dynamic and can be changed by modifying the system time on the machine



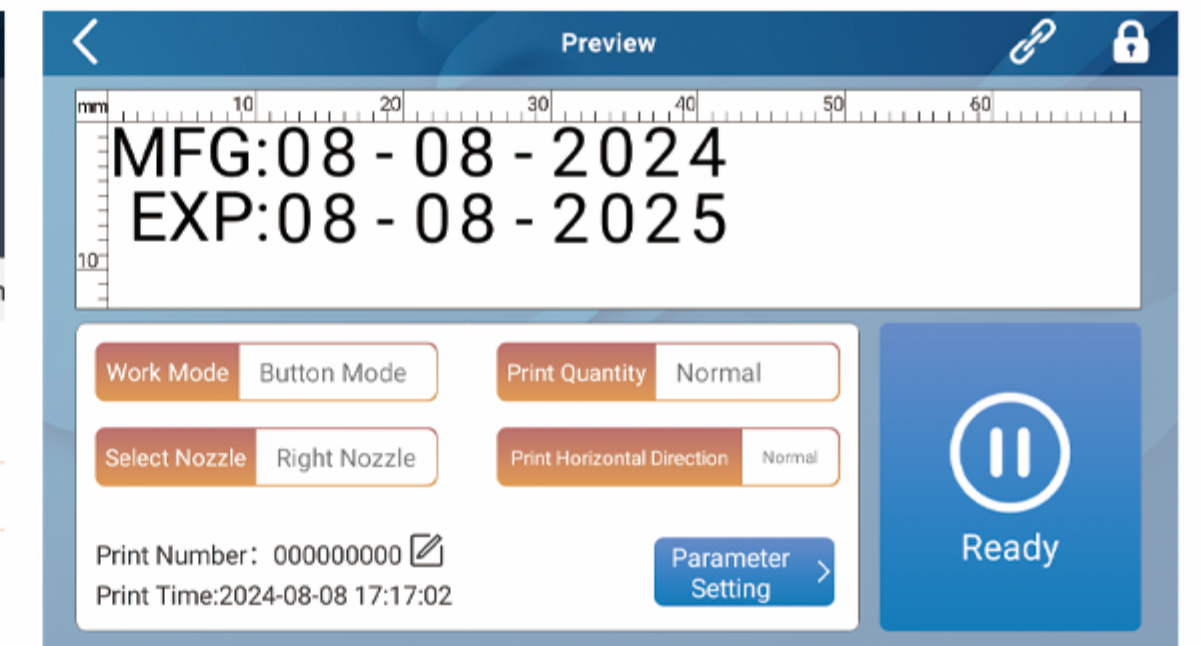
1. Click "System Settings."



2. Click "Print Time."



3. After modifying the time, click "OK" in the top right corner.



4. After modifying the time, return to the print preview interface to print

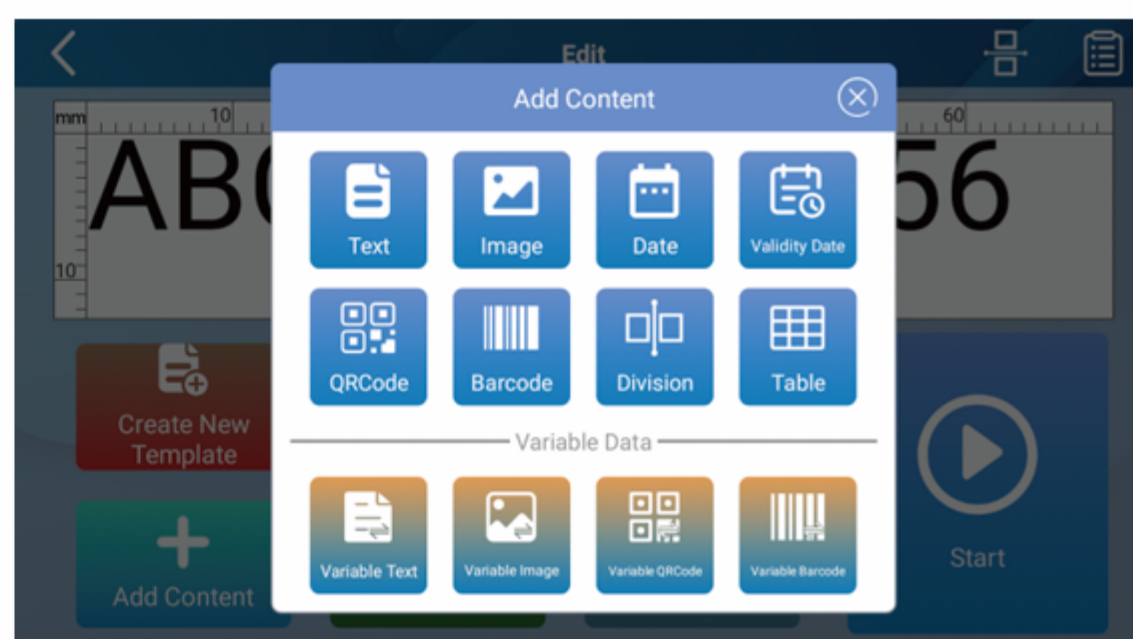
## 2.6 How to Print Segmented Content

"Segmented content refers to splitting the current content into multiple parts, which are then printed out in several steps."

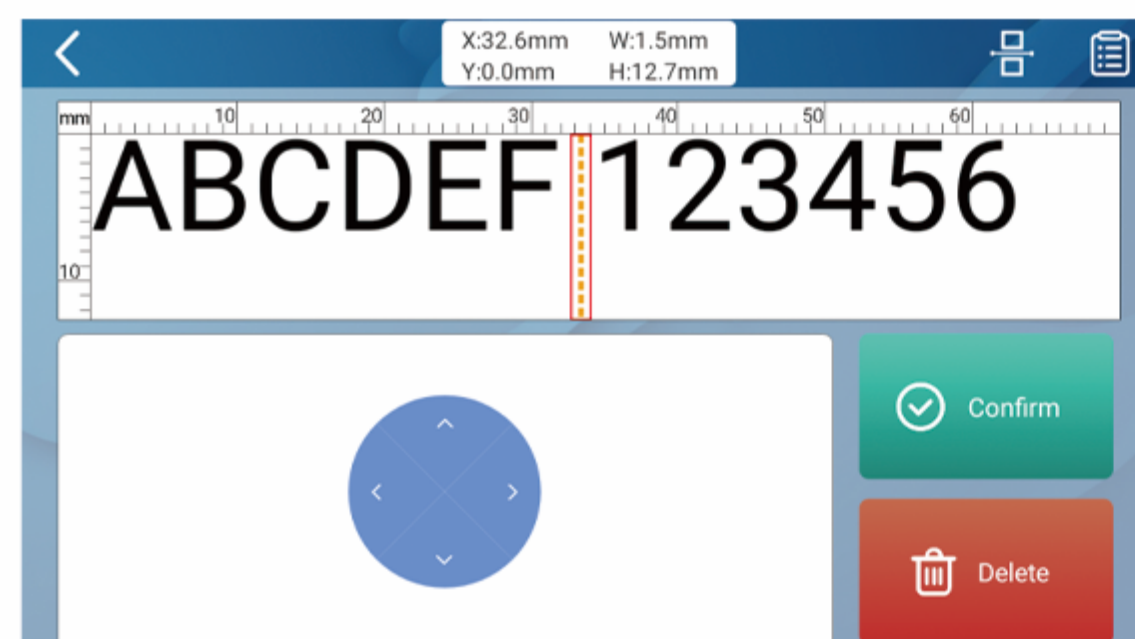
### Vertical Segmentation



1. Vertically split the content into two sections for printing.



2. Add content, then select "Segment."

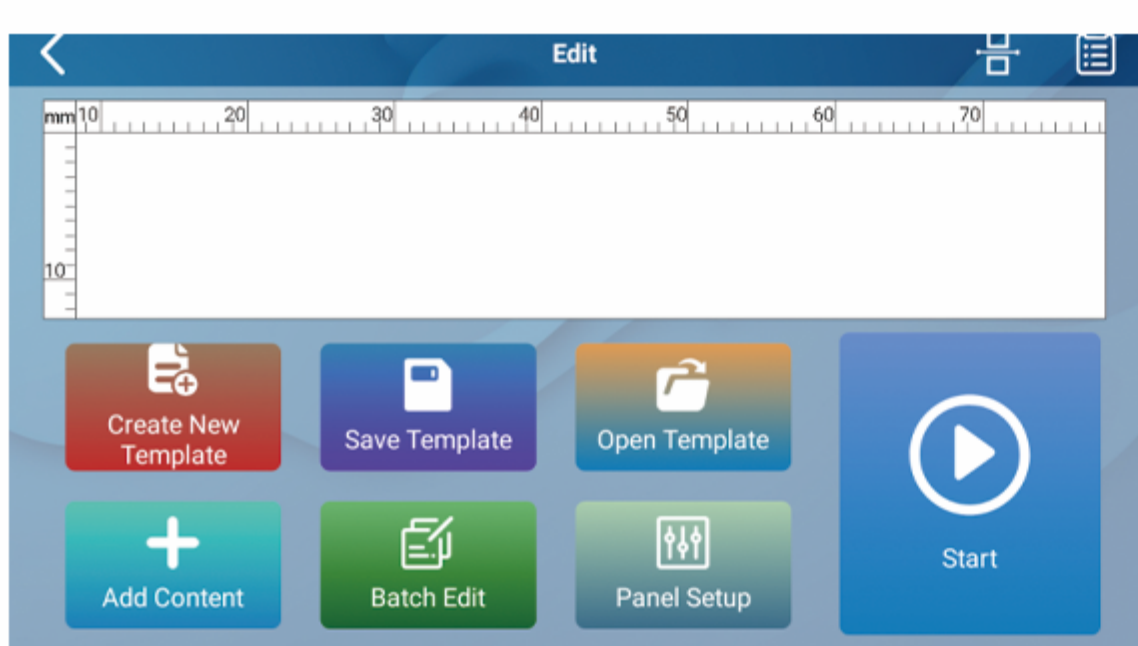


3. Move the segmentation marker then click "OK."

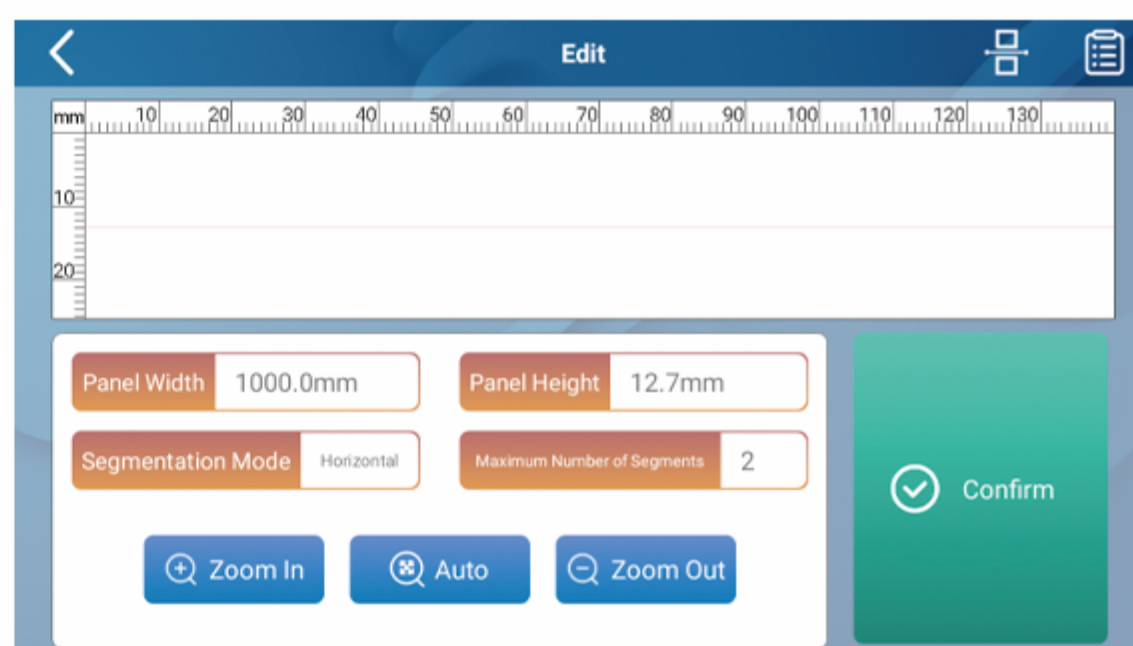


4. After clicking "Start," it transitions to the print preview interface, where you can see the current segment number and content.

### Horizontal Segmentation



1. Click the "Panel Setup"



2. Set the segmentation mode to "Horizontal Segmentation" with a maximum of two segments (note: the red horizontal line is the segmentation line)



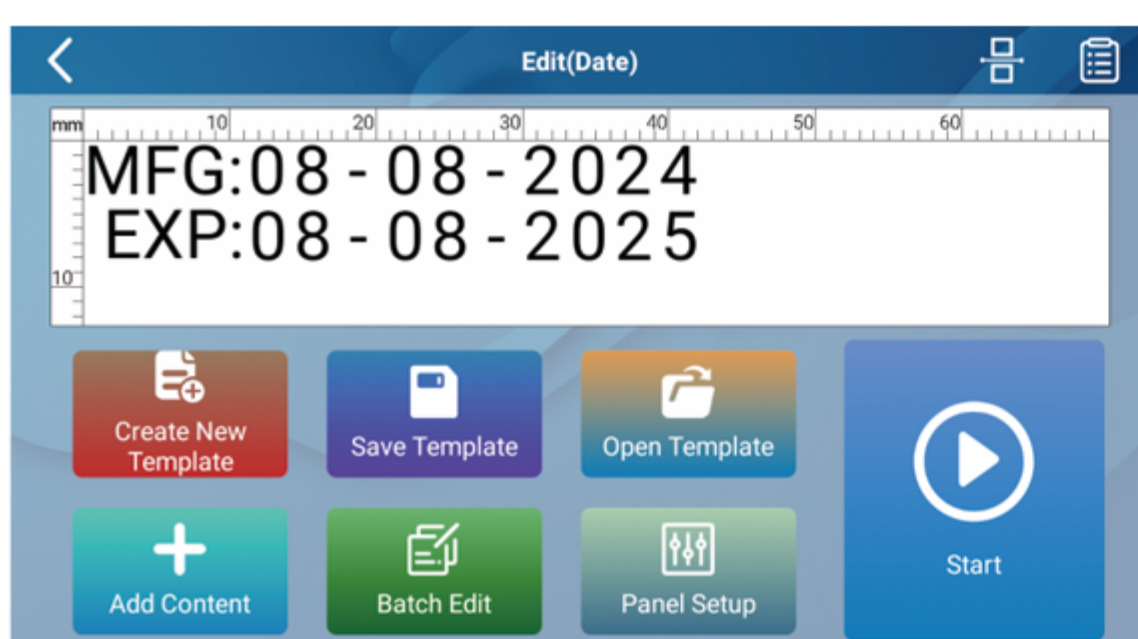
3. Repeat adding content twice and move it to the corresponding position



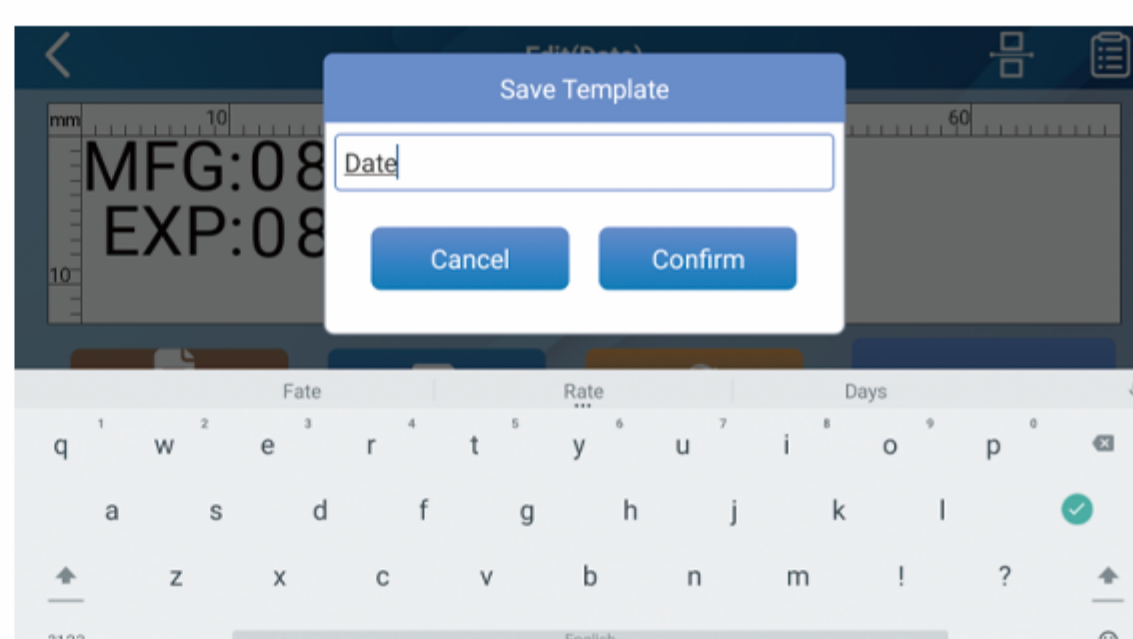
4. After clicking "Start," it transitions to the print preview interface, where you can see the current segment number and content

## 2.7 How to Save and Open Template

### Save Template

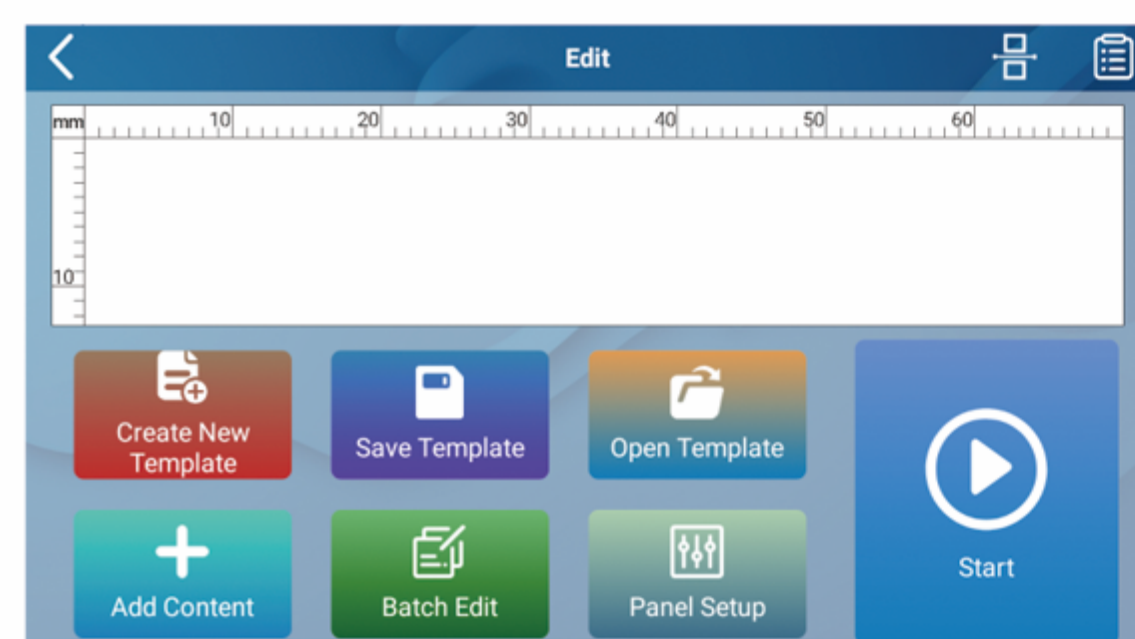


1. In the "Edit Content" interface click "Save Template."

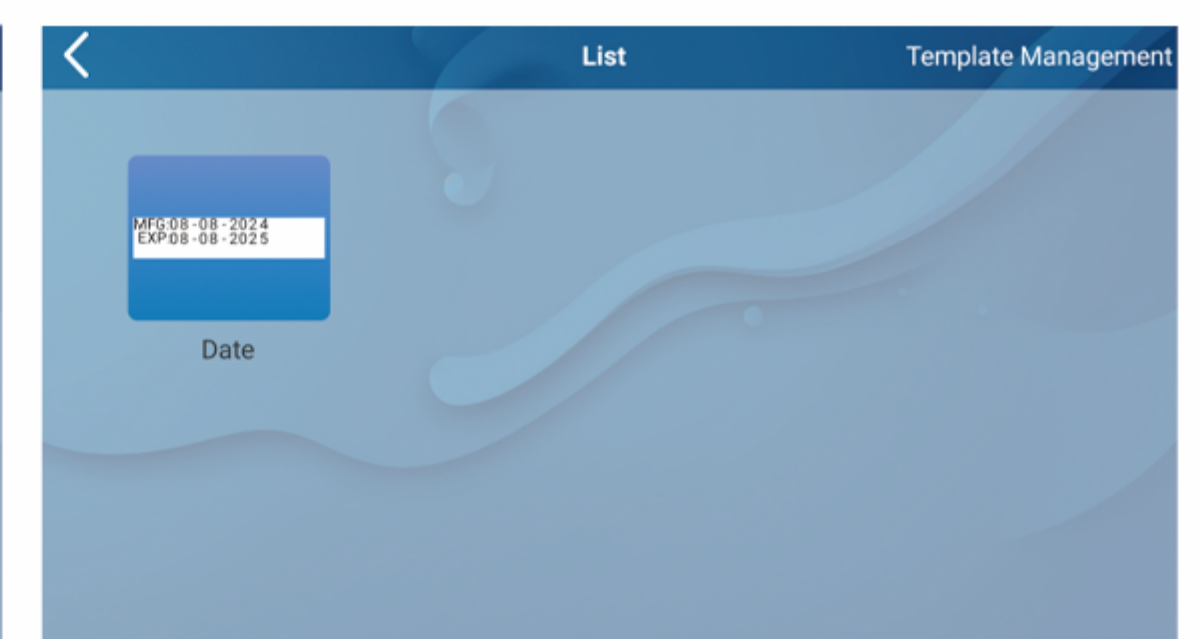


2. Enter the template name and click "Confirm"

### Open Template



1. In the "Edit Content" interface click "Open Template."

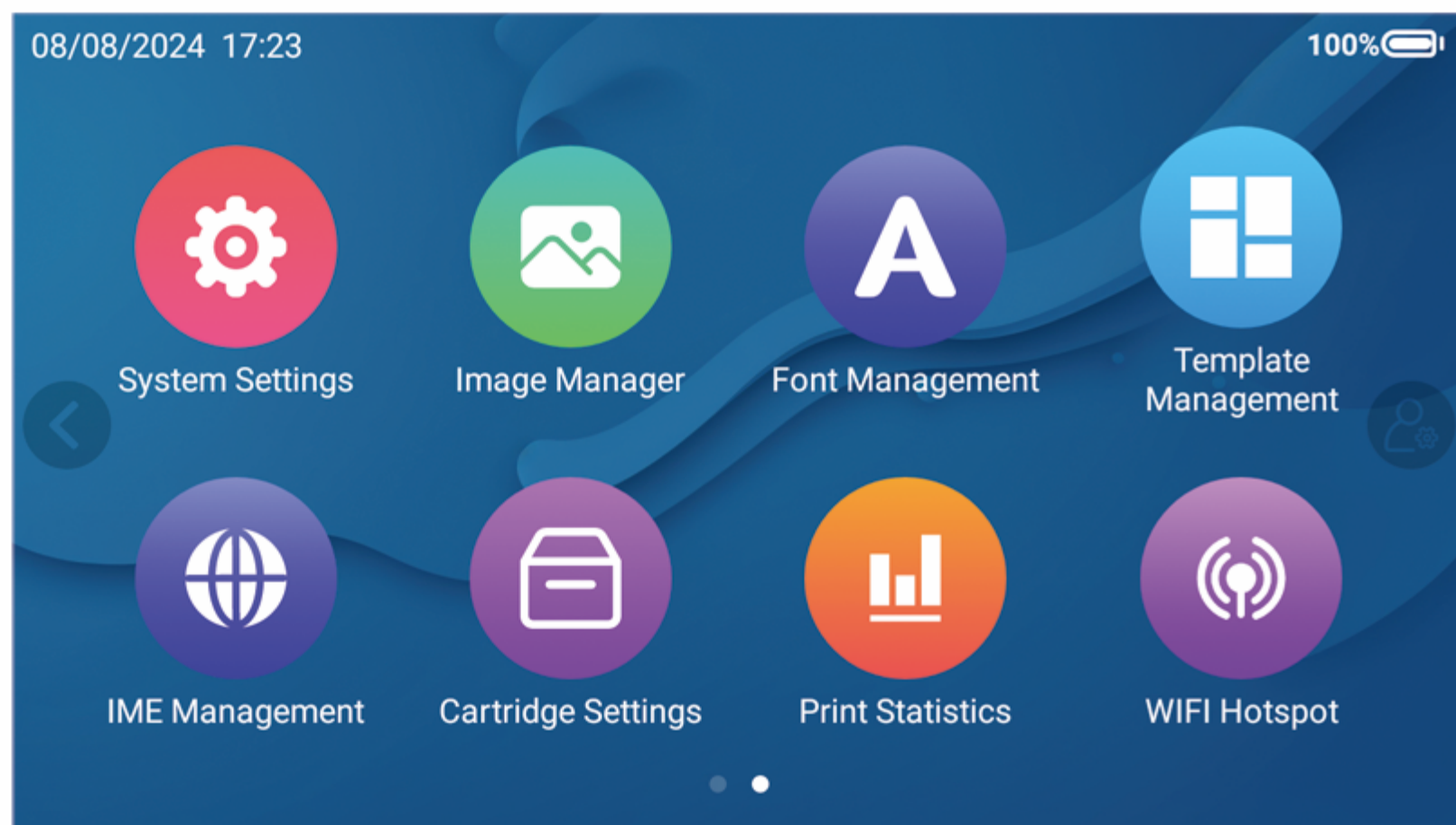


2. In the template list interface, click the template you want to open

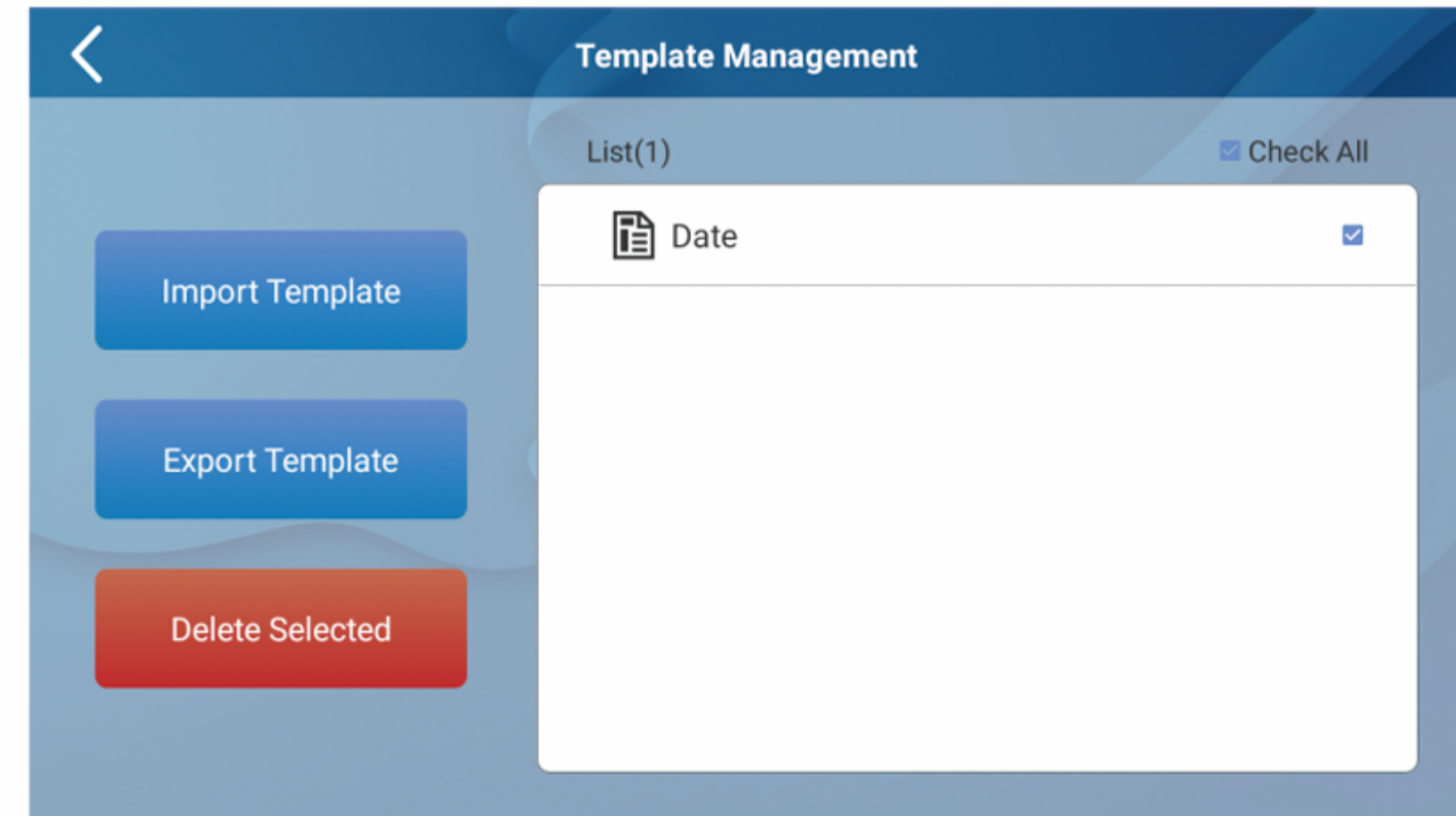
## 2.8 How to Export and Import Templates

Note: Insert a USB drive to export templates from the machine to the USB drive or to import templates from the USB drive to the machine

### Export Template to USB Drive

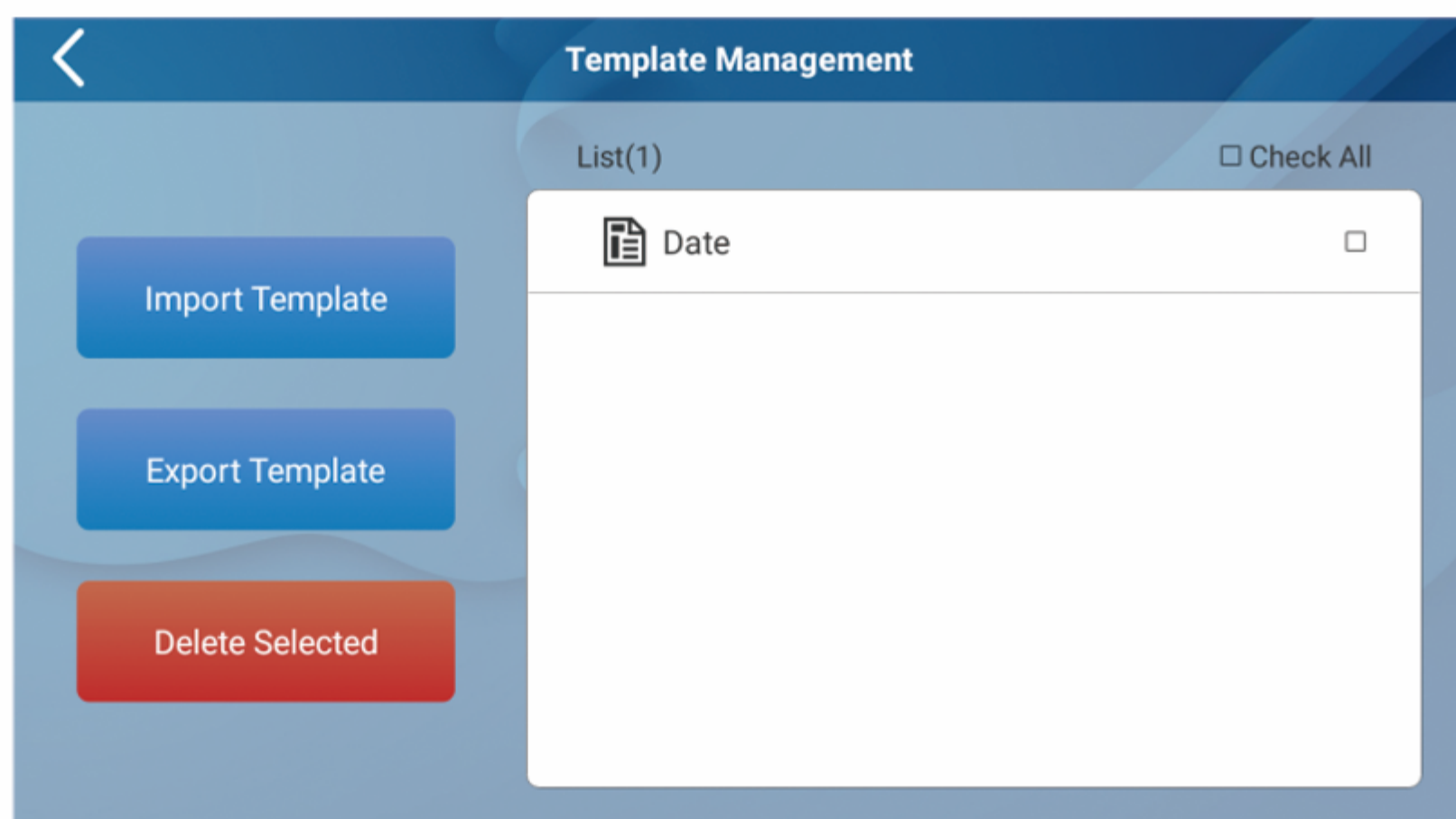


1. Click "Template Management"

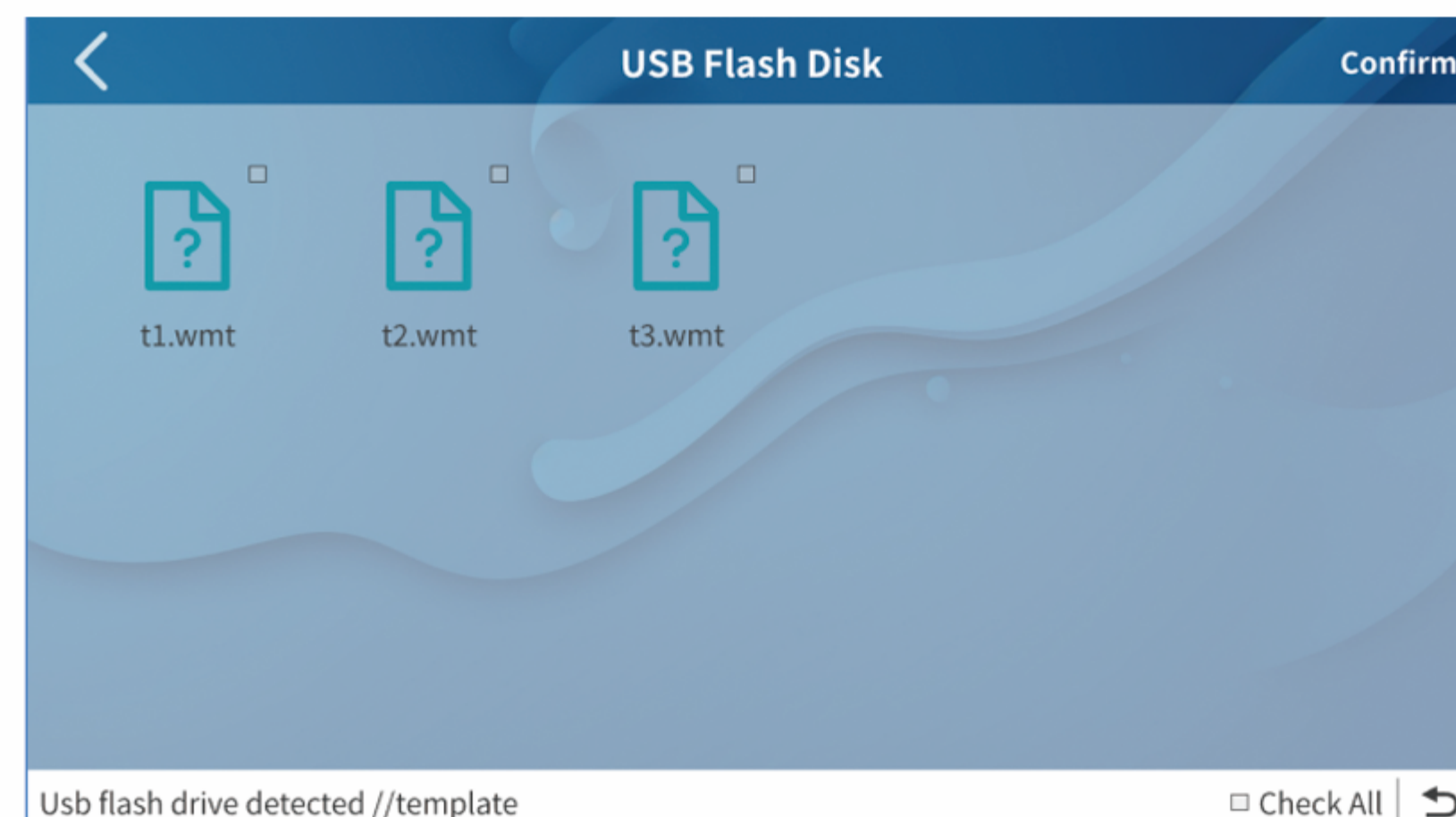


2. Click "System Settings." Select the templates to export from the list, then click "Export Template"

### Import Template from USB Drive



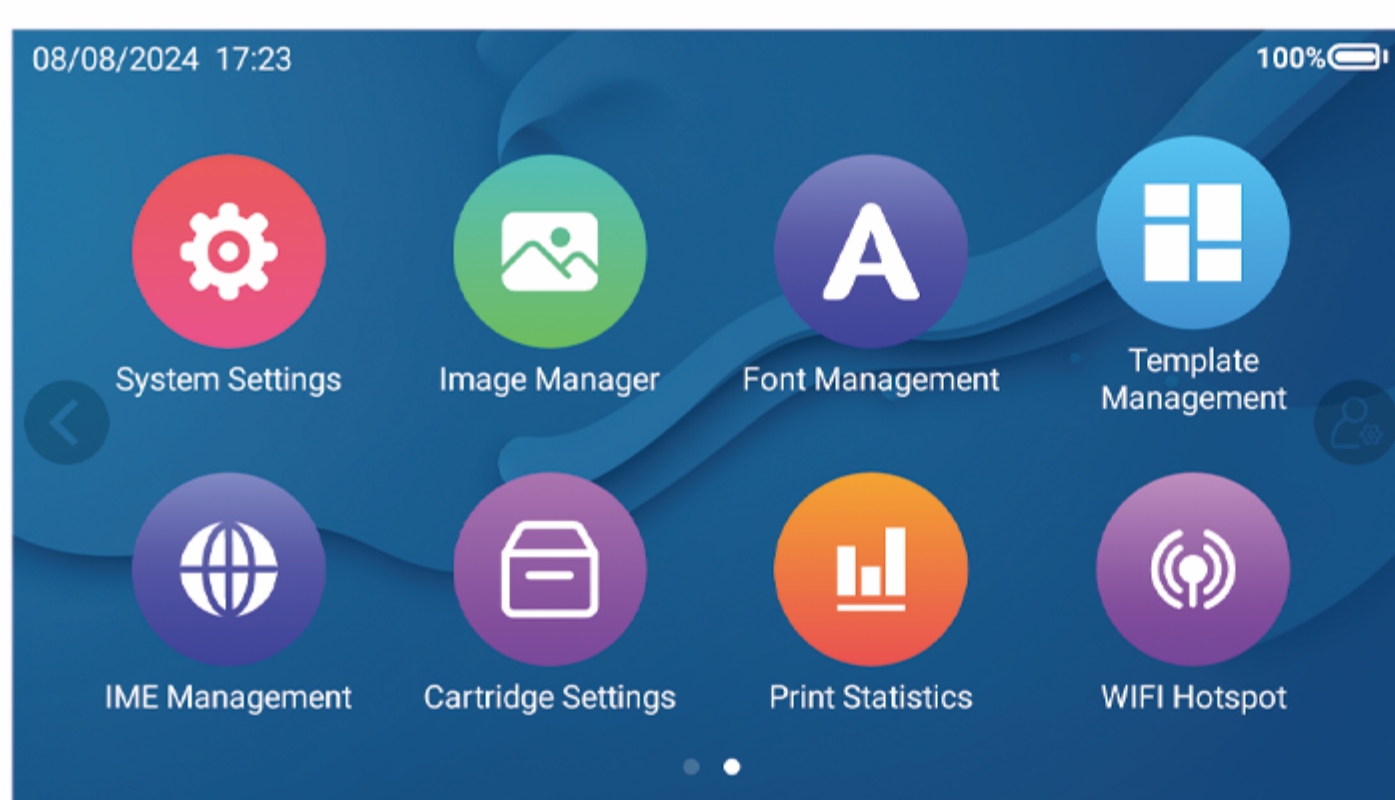
1. Click "Import Template" to transition to the USB list



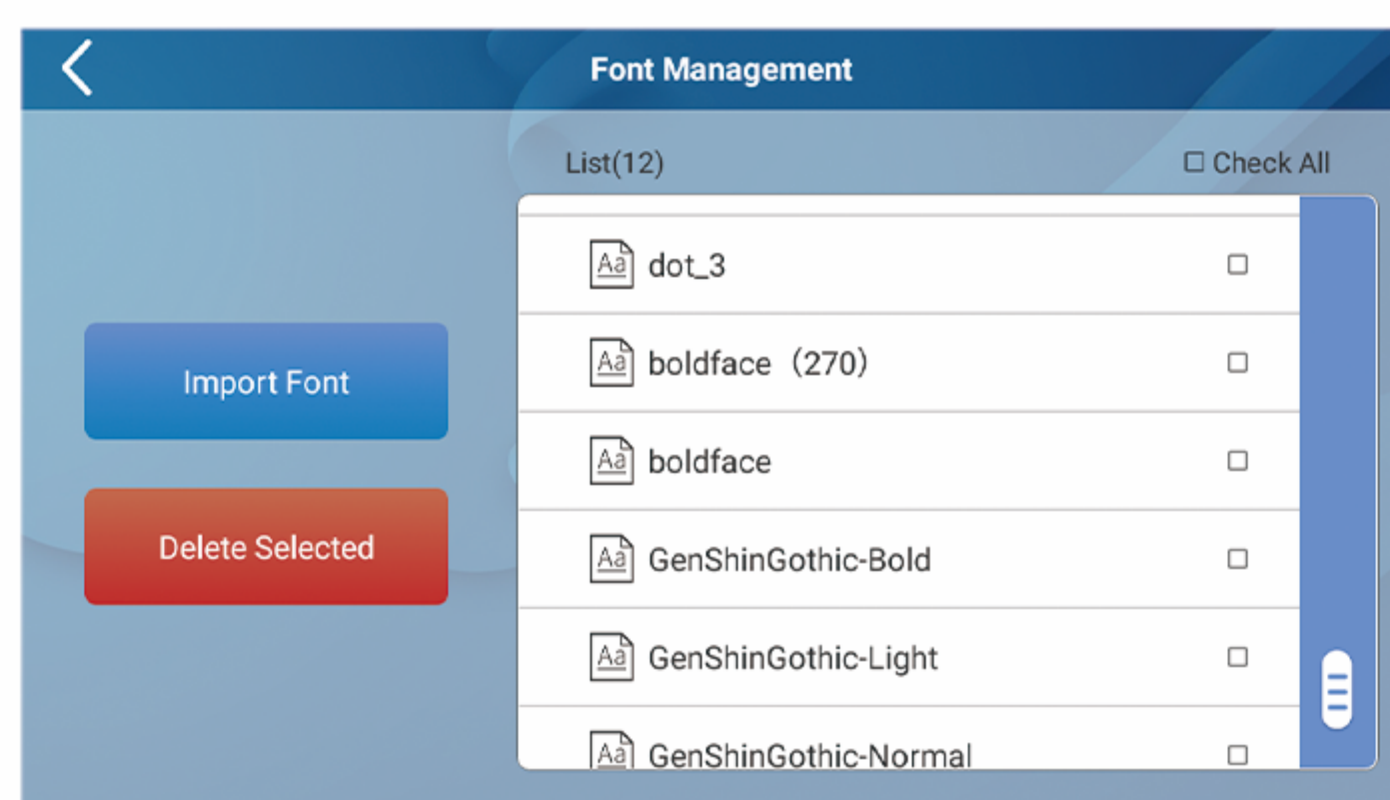
2. Select the template to import and click "Confirm" in the top right corner to import

## 2.9 How to Import Fonts

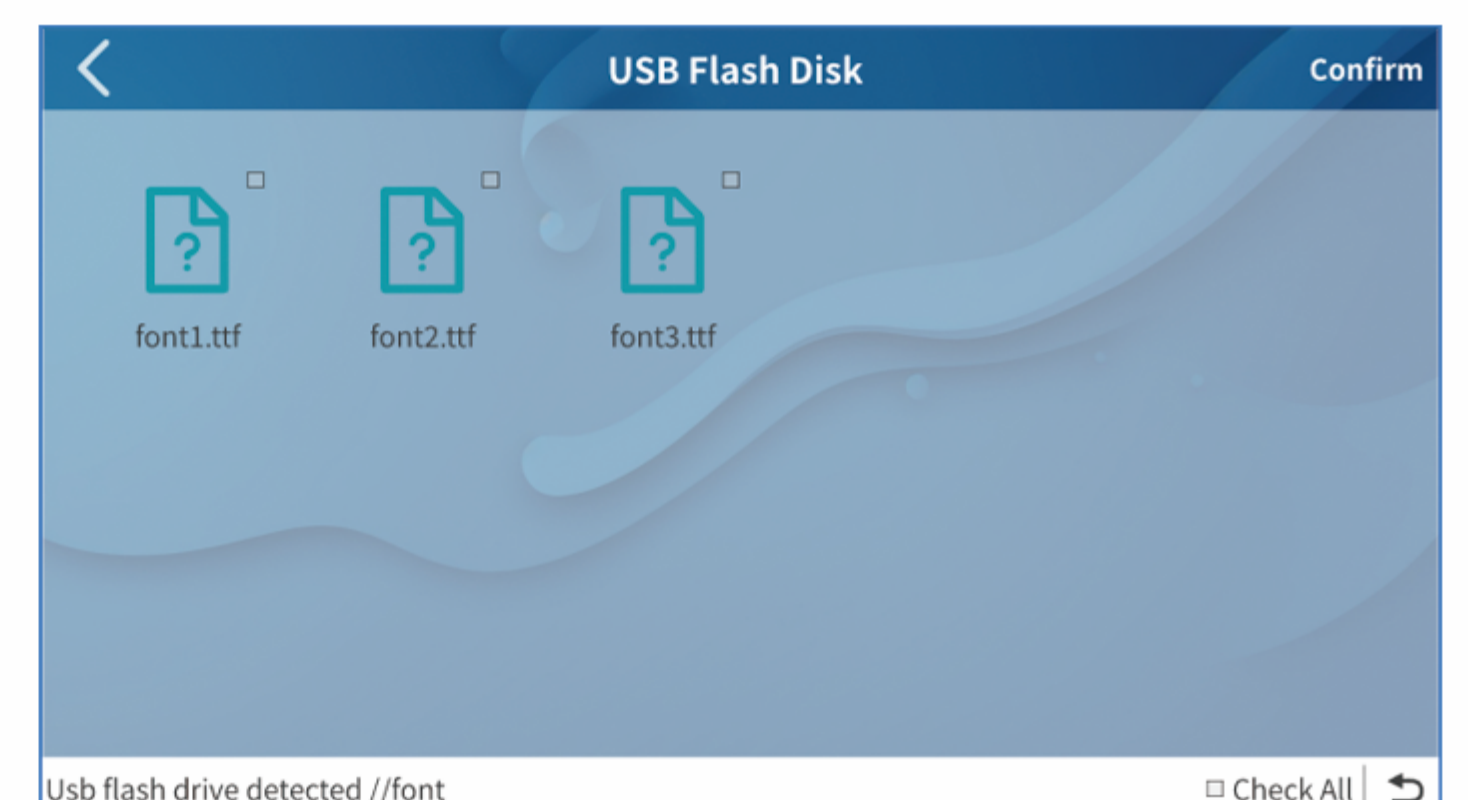
Note: Copy the font to a USB drive, then insert the USB drive into the machine's USB interface (USB drive format should be FAT32)



1. Click "Import Template" to transition to the USB list



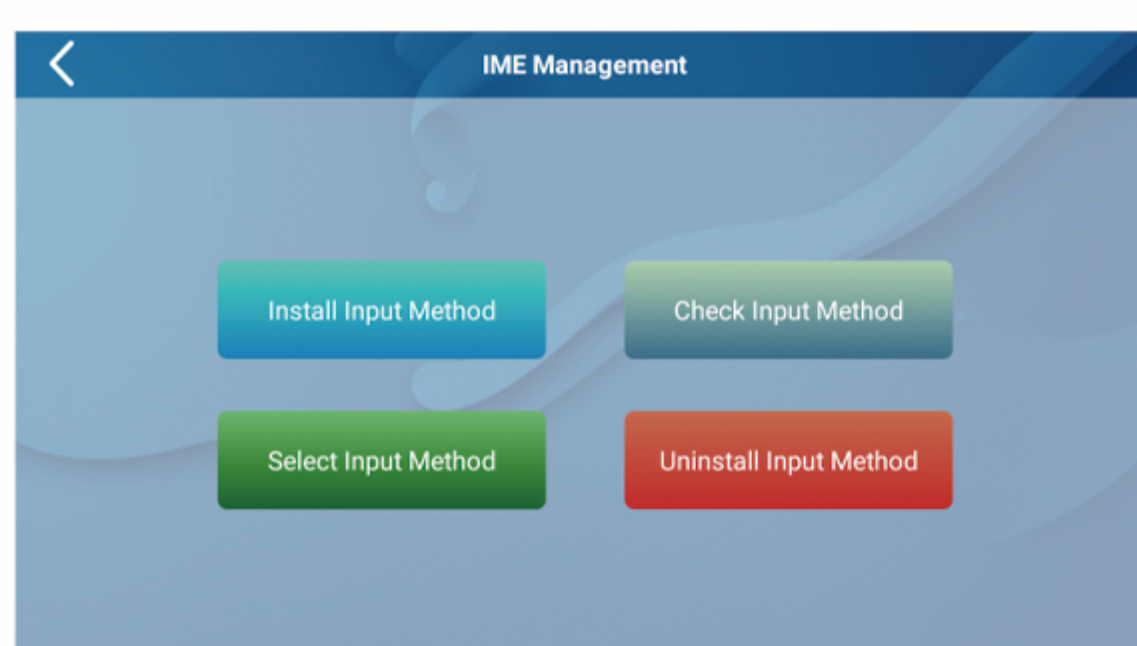
2. Click "Import Template" to transition to the USB list



3. Click "Import Template" to transition to the USB list

## 2.10 How to Install Input Methods

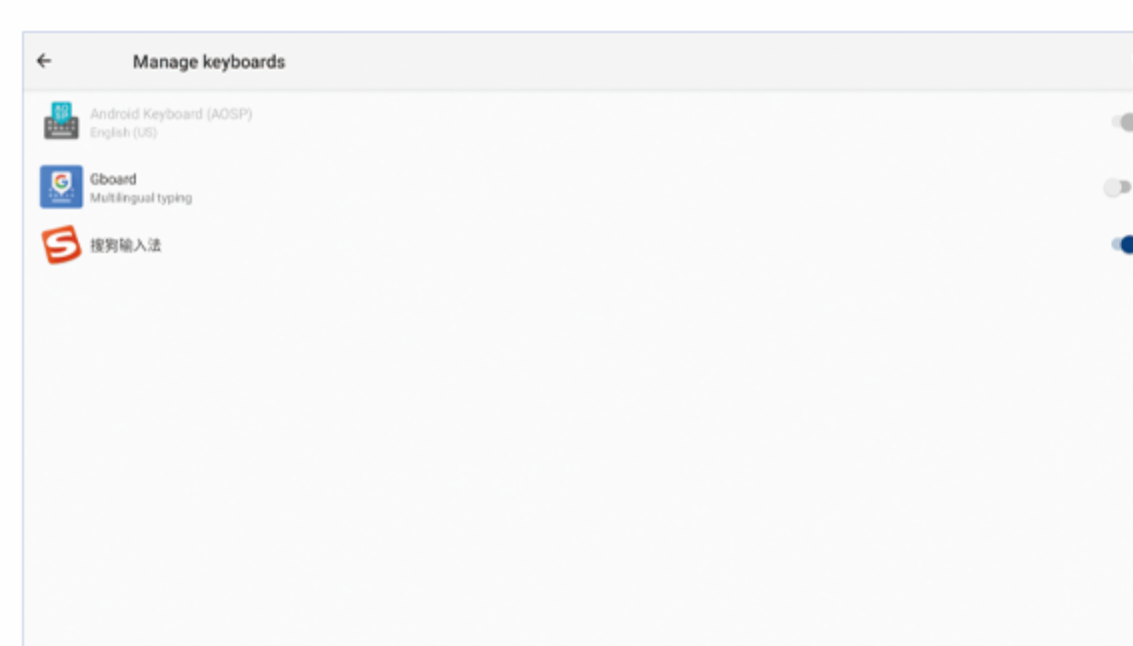
Note: Copy the input method installation package to a USB drive, then insert the USB drive into the machine's USB interface (USB drive format should be FAT32)



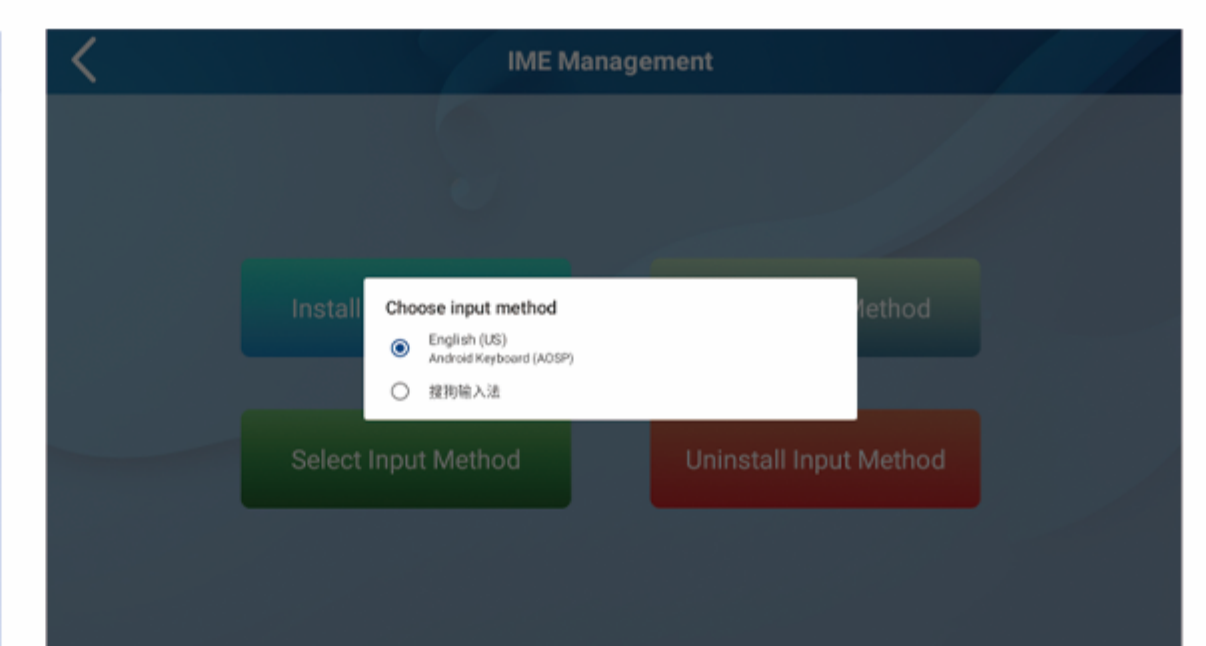
1. After inserting the USB drive, click the input method you want to install and click "OK" (installation package format: apk)



2. After inserting the USB drive, click on the input method you want to install, then click "OK" (installation package format: apk)



3. After the installation is successful click to select the input method then click the input method you just installed



4. Choose the input method

## 2.11 Parameter Settings Introduction

Printing Parameters	
Horizontal Direction	Horizontal direction of the print content
Vertical Direction	Vertical direction of the print content
Print Delay	Distance to Start Printing After Trigger (the distance the device must move before printing begins, in mm)
Printing Width	Effective in pipeline mode, adjusts the width of the font or image
Working Mode	Select the corresponding working mode
Printing Mode	There are standard and continuous modes. In continuous mode, content can be printed multiple times continuously
Continuous Count	Effective in continuous mode, defines the number of times to print continuously
Interval Time	Effective in continuous mode, sets the time interval between continuous prints
Nozzle Parameters	
Select Nozzle	The half-inch cartridge has two rows of nozzles, and you can choose the corresponding nozzle for printing
Resolution	There are 3 levels of resolution. The higher the resolution, the clearer the print, but it also consumes more ink
Starting Nozzle	Selecting the nozzle is effective when using dual nozzles. When swiping from left to right, the left nozzle is selected
Alignment Compensation	Selecting the nozzle is effective when using dual nozzles. Adjust the alignment compensation to overlap the content printed by the left and right nozzles. The default value is 55
Print Voltage	Different types of cartridges have different nozzle voltages. The default nozzle voltage for quick-drying cartridges is 9V
Pulse Width	Different types of cartridges have different pulse widths. The default pulse width for quick-drying cartridges is 2μs
Gray Level	The ink volume for the printed content affects the color; the more ink, the darker the print color

## 3 Troubleshooting and Solutions

### 3.1 Common Issues with Ink Cartridges and Solutions

No	Common Issue	Problem Analysis	Solution
1	Printing results show broken lines or white gaps	Some nozzle holes are blocked	Wipe the nozzle clean with non-woven fabric to resolve the issue
		Poor contact between the ink cartridge and the coding machine	Reinstall the ink cartridge or remove it to check if there is any foreign object on the ink cartridge contact plate
2	Printing results are complete at the start but only partial content is printed towards the end	Insufficient ink supply	Confirm whether the ink in the cartridge is about to run out
		Air has entered the ink cartridge	Use a suction clip to remove the air from the ink cartridge
3	The ink in the cartridge is not being printed at all	The ink cartridge is empty	Replace with a new ink cartridge
		The nozzle is severely blocked	Wipe the nozzle clean with non-woven fabric to resolve the issue
		Incorrect ink cartridge voltage or pulse width parameters	Check if the ink voltage matches the ink cartridge

## 3.2 How to Maintain the Ink Cartridge

Using and storing the ink cartridge correctly can ensure the best printing results and extend the cartridge's lifespan. Please strictly follow our ink cartridge maintenance instructions.



1. If the ink cartridge is not used for more than 20 minutes, cover the nozzle with the protective cover.

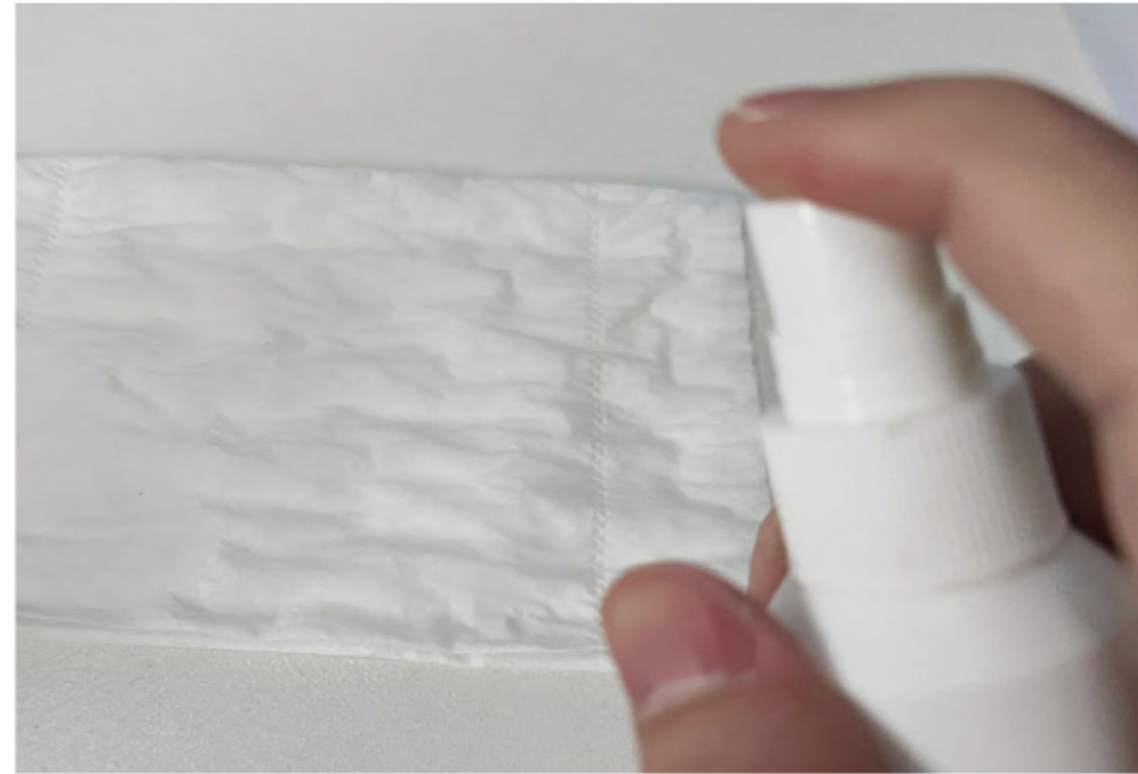


2. If the ink cartridge is not used for over a week, remove it, cover it with the protective clip, and store it in a cool place.

## 3.3 Ink Cartridge Nozzle Cleaning



1. Prepare a tissue (or non-woven fabric) and 75% alcohol (or deionized water).



2. Moisten the tissue or non-woven fabric with alcohol and place it on a flat surface.



3. Then, with the ink cartridge nozzle facing down, gently and slowly wipe the ink cartridge nozzle. Wipe the nozzle two to three times until the ink line appears continuously.



4. After cleaning the ink cartridge nozzle, there should be no residue or ink seepage on the nozzle surface.

# Warranty Certificate

Product Name: \_\_\_\_\_  
Model: \_\_\_\_\_  
Product ID / Serial No: \_\_\_\_\_  
Purchase Date: \_\_\_\_\_  
Contact Phone: \_\_\_\_\_  
Customer Address: \_\_\_\_\_

## Service Record

Date	Issue Description	Remarks

## Warranty Policy

1. Please keep this warranty certificate in a safe place as proof of warranty service
2. The warranty period is 12 months from the date of purchase
3. During the warranty period, if the product fails due to manufacturing defects under normal use and maintenance, the company will provide free repair service or replacement of defective parts
4. The company reserves the right to interpret and amend the warranty terms

## Warranty Exclusions

**This warranty does not apply to the following situations**

1. Damage caused by incorrect installation, misuse, or improper operation
2. Repairs, modifications, or alterations performed by unauthorized personnel
3. Damage caused by accidents, dropping, water exposure, or other external factors
4. Damage caused by force majeure events such as natural disasters