

T10 Handheld Inkjet Printer Manual



T10 Handheld Inkjet Printer Manual

V1.0

1. Machine appearance introduction



Charging port: When the battery is low, use a dedicated charger to charge at the charging port

Synchronous wheel: Drive the encoder to roll for printing

Photoelectric sensor interface: If with a sensor, it can be used for assembly line printing and inductive coding

Power switch: Turn it on, the screen lights up, the power on; turn it off, the screen and power off

Print button: Press once to print once, no need to continuous press and hold

Removable battery: 2 x 18650 batteries

Ink cartridge cradle: Used to install the cartridge

Notes

- 1. Fire hazard:** Ink and cleaning fluid are volatile and flammable, and must be stored and disposed of in accordance with local fire regulations
- 2. Eye protection:** Eye protection must be worn when performing any operations such as ink and detergent
- 3. Hand protection:** Hand protection must be worn when performing any operations such as ink and detergent
- 4. Ink and cleaning agent storage suggestions:** Store ink cartridges and cleaning agents in a well-ventilated storage room, avoid direct sunlight, do not place near the fire source, and place them at an ambient temperature of 0-28°C
- 5. NOT:**
 - *Do not use consumables not specified by our company, otherwise you will lose your warranty eligibility**
 - *Do not smoke or use open flames near printers, ink cartridges, and cleaning agents**
 - *Do not allow ink or cleaning solution to get on your eyes or skin**
 - *Do not allow ink to enter the local drainage system**
- 6. Common sense of cartridge maintenance:** After the machine is used, the cartridge must be removed if it is not used for a long time (more than 20 minutes), and the cartridge buckle must be buckled. It is best to have a sealed bag to preserve!

2. Install the cartridge



1. Remove the cartridge clip



2. Put it into the cartridge cradle at an angle of 45°, and gently push it forward, so that the nozzle sticks out first



3. Then snap the lever on and tighten the cartridge

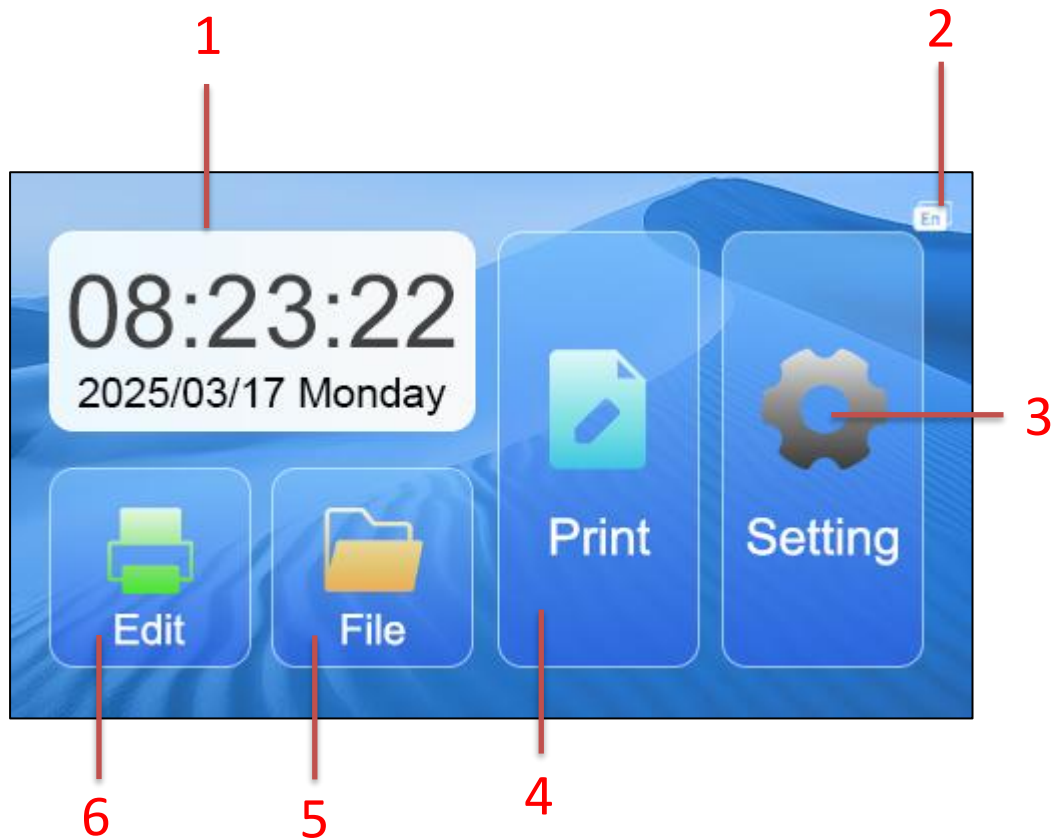


4. The ink cartridge is installed



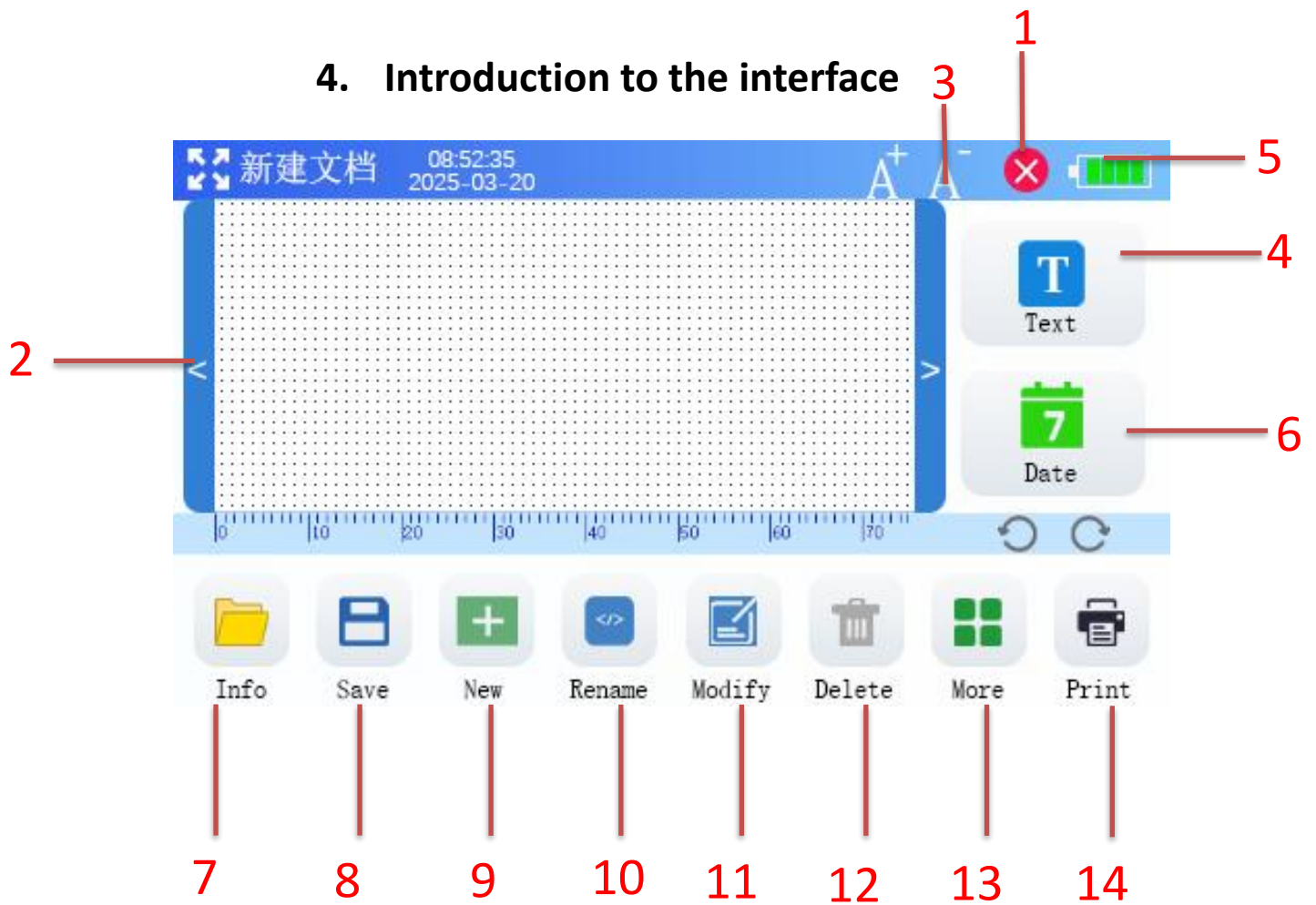
5. If the cartridge is not used for more than 20 minutes, it should be removed and covered with a transparent protective cover

3. Main interface



1. **Time display:** The clock is updated in real time
2. **Language switching:** Switch the operation interface of various national languages
3. **System settings:** After entering, you can set the parameters of the machine.
4. **Editing data:** editing, modifying, deleting, saving and other functions of printing content
5. **File management:** The edited files are stored here, and they can be called up at any time when needed
6. **Start printing:** One click to go directly to the printing interface and start printing

4. Introduction to the interface



1. **1. Back:** Click here to return to the main screen

2. **Swipe the buttons left and right:** Click here to see the hidden edits behind

3. **Edit the display area:** The edited content is displayed in this area

4. **Battery level:** Displays the current battery level

5. **Text:** Insert text, letters, numbers, etc

6. **Date:** Insert a real-time updated date, a variety of styles are available

7. **Documents:** Saved content can be found here

8. **Save:** Click here to save the edited content

9. **New:** Click here to create a new print

10. **Rename:** Click here to change the edited file name

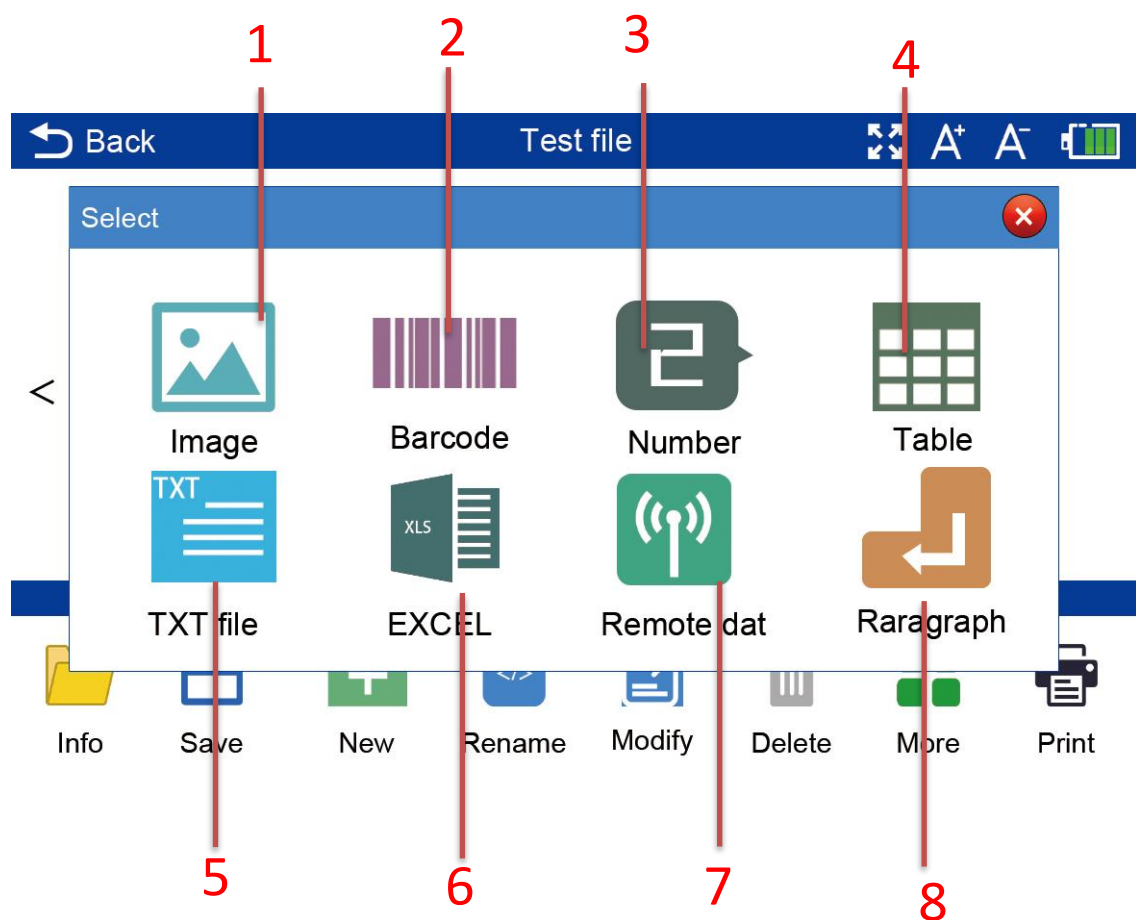
11. **Edit:** Select the content that needs to be modified, and click here to modify

12. Delete: Click here to delete the selected items

13. Functions: Click here to expand more functions such as: common icons, pictures, barcodes, QR codes, counts, tables, TXT files, EXCEL files, remote data

14. Print: Enter the print interface

5. Introduction to the function interface



1. **Image:** This machine has some built-in common icons, as well as U disk import image entrance, icons support bmp monochrome bitmap (can be made with the computer's drawing tools)

2. **Barcode:** insert a barcode or QR code

3. **Number:** Insert serial numbers that increase or decrease sequentially

4. **Table:** Table can be designed according to printing requirements

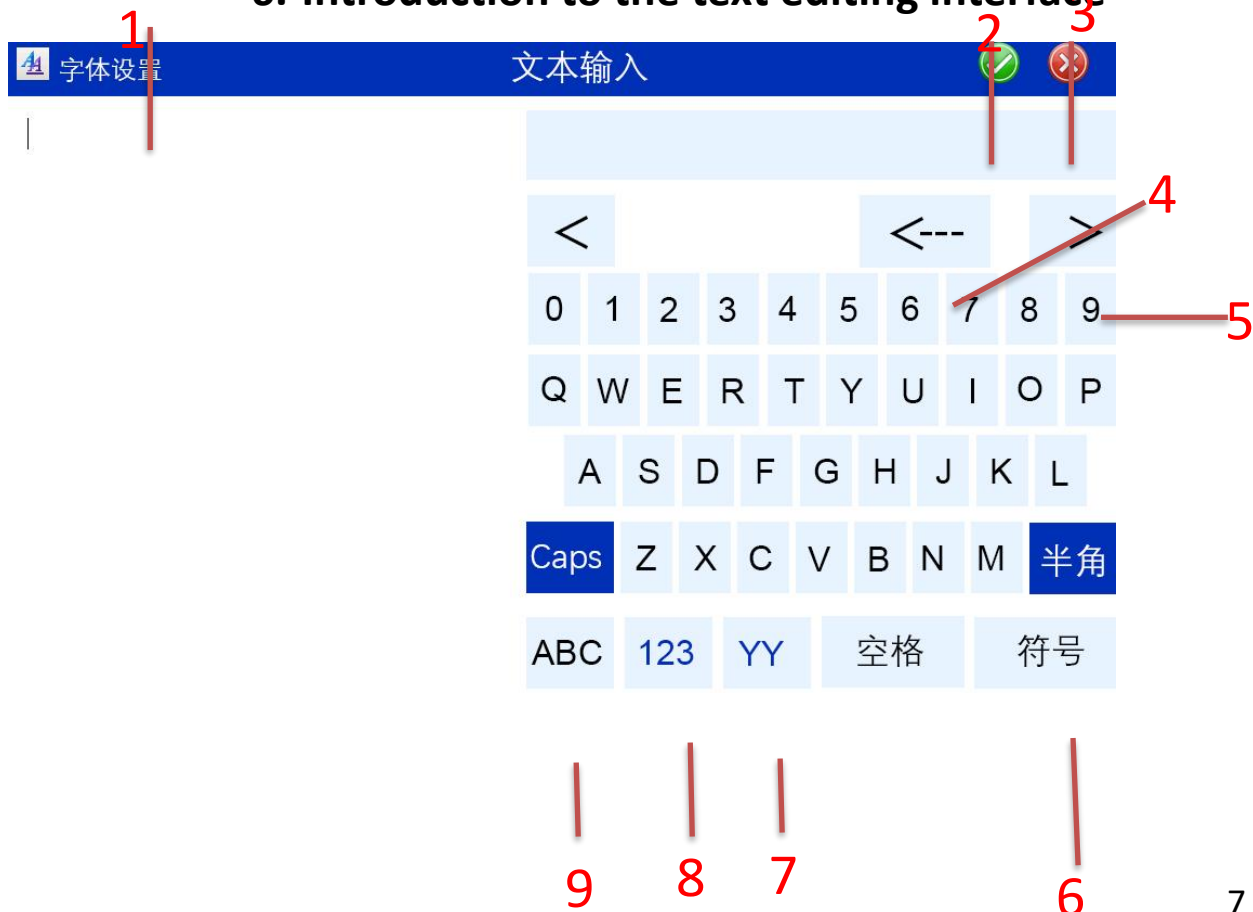
5. **TXT file:** When there is a lot of printing content, you can use the computer to create a TXT file, import it to the machine through a USB flash drive, and print it. It's quick and easy

6. **EXCEL :** You can import excel files to the USB flash drive for data printing

7. **Remote data:** It can be connected to the code scanner in real time through Bluetooth, and the code can be scanned and transcoded for printing

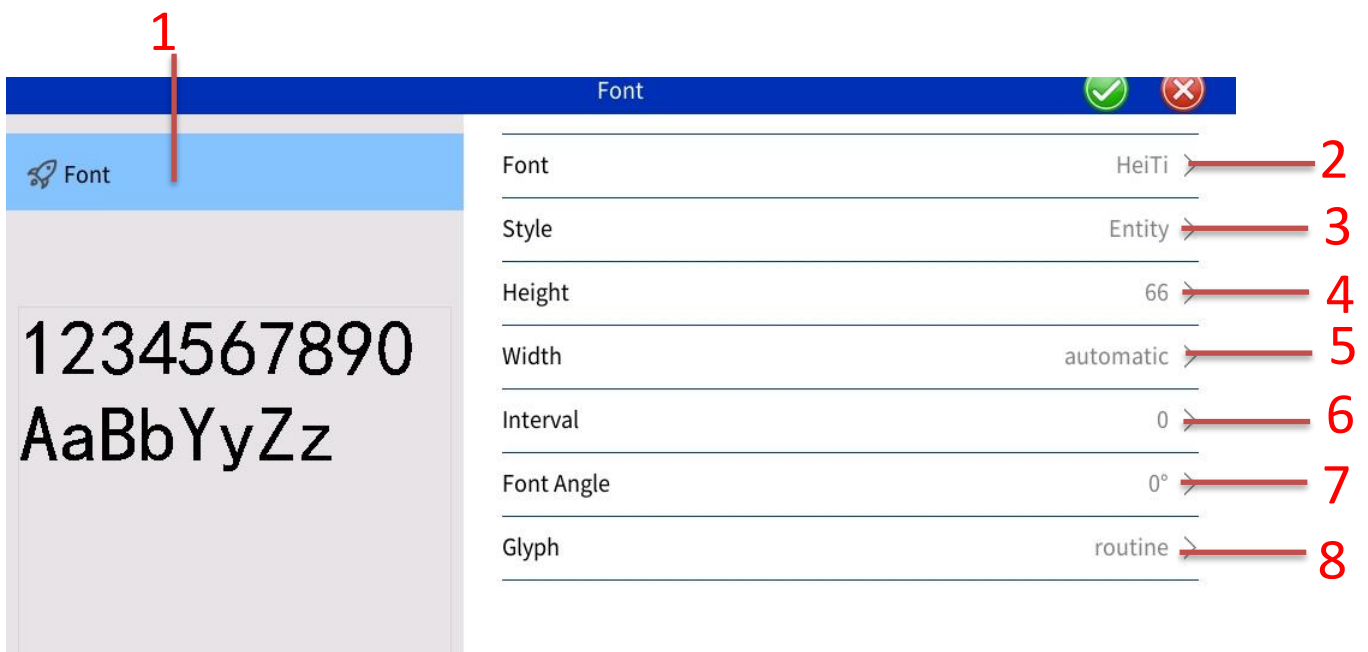
8. **Segmentation:** Add a segment between the first message and the second message, and print it in order when printing

6. Introduction to the text editing interface



1. **Font settings:** Click to enter to set the font, size, spacing, etc
2. **OK button:** Save the information and return to the main interface
3. **Back button:** Discard the current edit and return to the main interface
4. **Delete button:** It can also be understood as backspace
5. **Candidate:** word page turning button
6. **Symbol:** The motor inserts a special symbol here
7. **YY:** Click here to add a variable date
8. **123:** Click here to add a count/serial number
9. **ABC:** Toggle input language/multi-Chinese/handwriting input toggle

7. Introduction to font settings



1. **Font Settings:** Click here to modify the font style
2. **Fonts:** Click here to choose a variety of built-in fonts such as Songti, dot matrix, etc
3. **Style:** You can choose dot matrix, entity, delete body, (when the font you choose is already a dot matrix, the style does not need to be set to a dot matrix again)

4. **Font Height:** Modify the font size, the larger the value, the larger the printed font.
5. **Font Width:** Modify the width of the font
6. **Word spacing:** Adjust the spacing between characters, the higher the value, the larger the spacing
7. **Rotation Angle:** Rotate the font
8. **Glyphs:** You can choose regular, bold, italic and bold italic glyphs.

8. Edit the two-line content method



1. Click once to enter the first line of text, and then click OK. This is the first line
2. Click on the text again, enter the content, click OK, this is the second line, the text is after the first line, move it below the first line. Text can be moved around the screen at will

Stand-alone text content can be moved around the screen at will

9. Introduction to the sprinkler settings

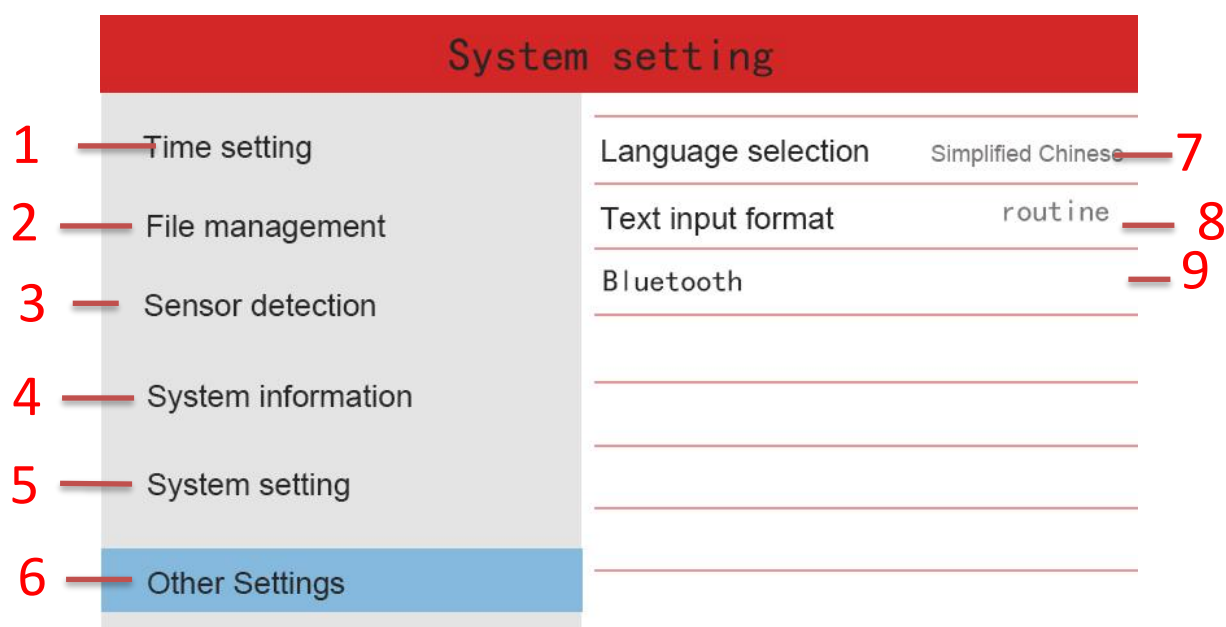
The screenshot shows a 'Print Set' menu with a blue header and a red 'X' icon. The menu is divided into sections: 'Print direction', 'photoelectric', 'Continuous printing', 'Control', 'Printer' (highlighted in blue), and 'Other Settings'. The 'Printer' section contains settings for 'Left or Right' (set to 'Right'), 'Voltage' (set to '9.0V'), 'pulse width' (set to '2.0us'), and 'jet times' (set to 'Bold'). A red line with the number '5' points to the 'Printer' section header.

Setting	Value	Annotation
Print direction	Left or Right	1
photoelectric	Voltage	2
Continuous printing	pulse width	3
Control	jet times	4
Printer		5
Other Settings		

1. Left and right selection: The nozzles have two rows, which can be switched freely, use one row of nozzles
2. Cartridge voltage: 11V voltage for water-based inks, 9V voltage for solvent-based quick-drying inks.
3. Pulse width setting: 2.0us for water-based ink, 1.8us for solvent-based quick-drying ink
4. Inkjet density: Adjust the color depth of the printing according to your own needs.
5. Printhead Settings: Click here to set the parameters about the printhead.

Note: The pulse width and voltage value need to be adjusted carefully according to the type of ink cartridge under the guidance of the manufacturer's engineer!! So as not to risk damage to the machine and cartridges

10. Introduction to the system settings page



1. **Time Setting:** The system time is set from here

2. **File management:** Internally stored print information can be found here

3. **Sensor detection:** Click here to check whether the encoder and sensor are in working condition

4. **System information:** Click here to query the factory information of the current device

5. **System settings:** You can set key tones and factory reset, etc

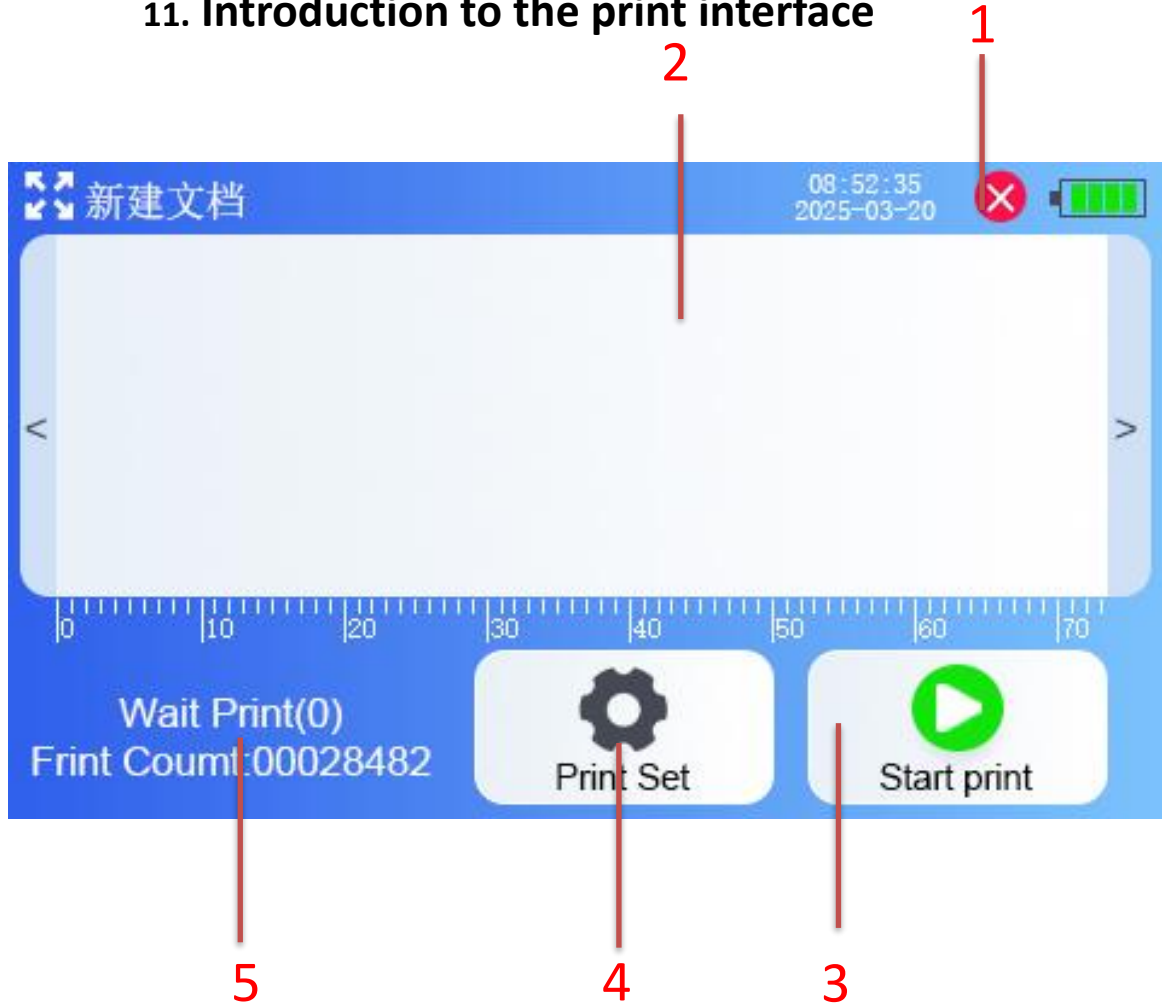
6. **Other settings:** Modify the operation language and input method format, enable Bluetooth, etc

7. **Language Selection:** Click here to modify the operating language

8. **Text input format:** Click here to modify the input method that suits the local area, such as Arabic

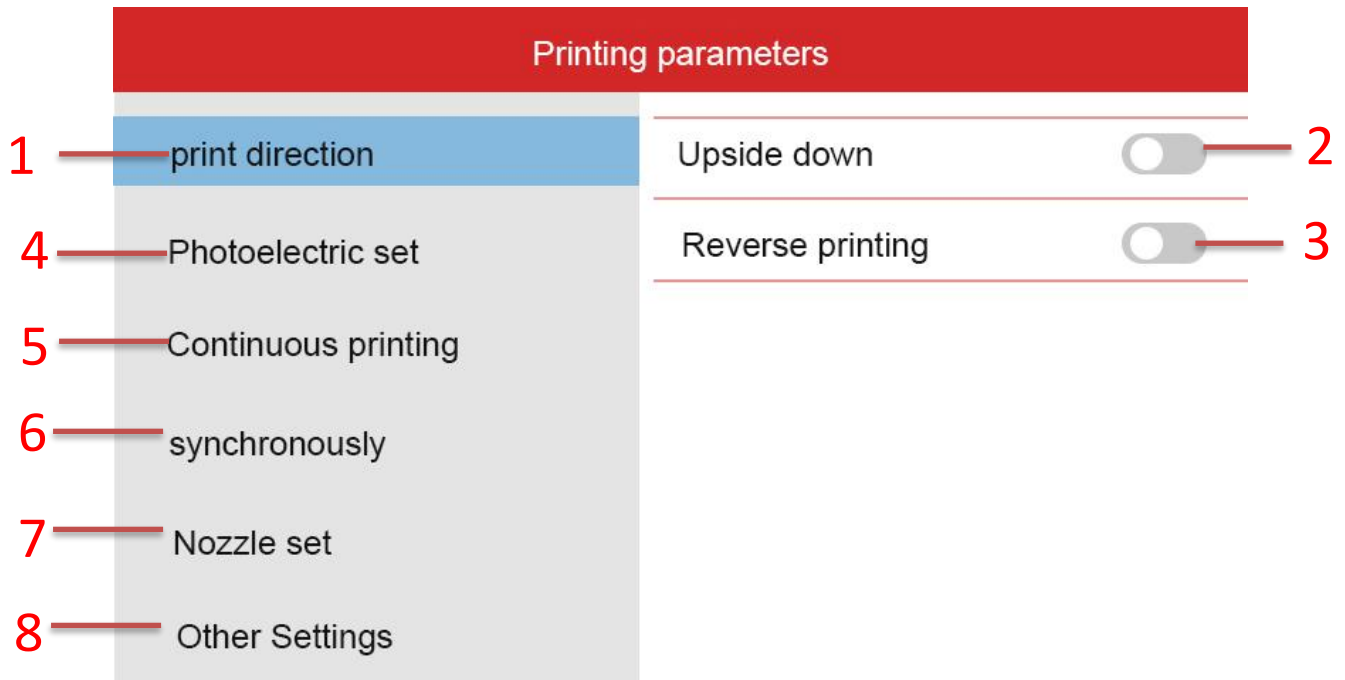
9. **Bluetooth:** Click this option to send a printing message with a WeChat applet, or connect a barcode scanner

11. Introduction to the print interface



1. **X symbol:** Return to the main interface
2. **Display Area:** The content to be printed will be displayed here
3. **Start printing:** Click here to start printing
4. **Print Settings:** Click on it to set some general settings
5. **Status display:** the number of prints and the printing status display area

12. Introduction to print settings



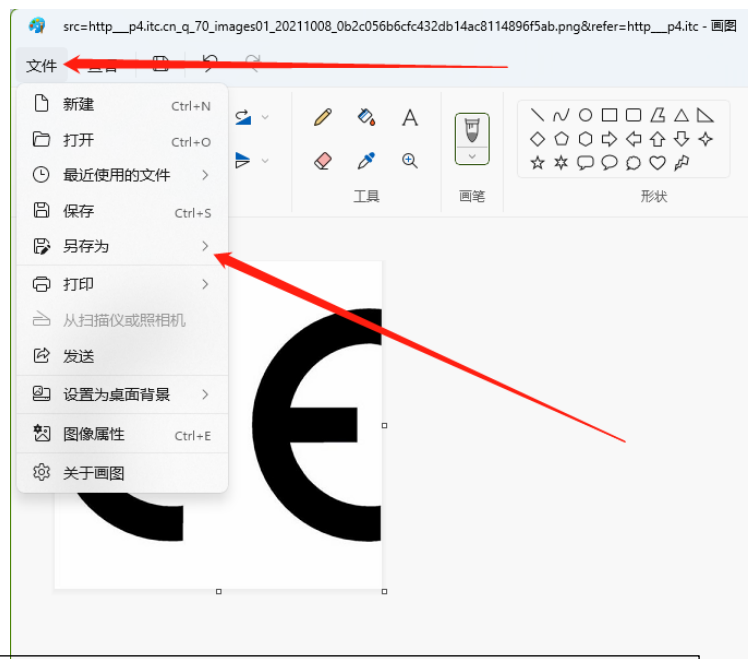
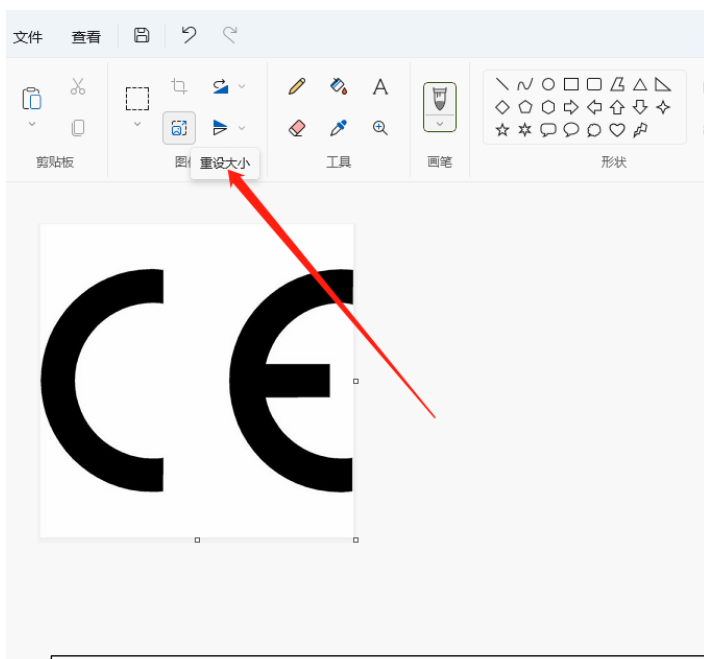
1. **Print Direction:** Print from left to right when opened, and print from right to left when closed
2. **Flip upside down:** The printed words will be upside down when opened
3. **Reverse printing:** After the switch is turned on, the printing information will be printed in reverse
4. **Photoelectric settings:** Click here to set the parameters of automatic printing of the assembly line
5. **Continuous Printing:** Click this setting to set the printer to print continuously
6. **Synchronization mode:** You can choose encoder to control printing or timing printing
7. **Printhead Settings:** Click here to set the color shade of the printing information
8. **Other settings:** Click to enter the settings, print sound, etc

13. Make a BMP monochrome bitmap

1. Select the image you want to use on your computer, right-click, "Open With" -> "Paint" to open the picture。



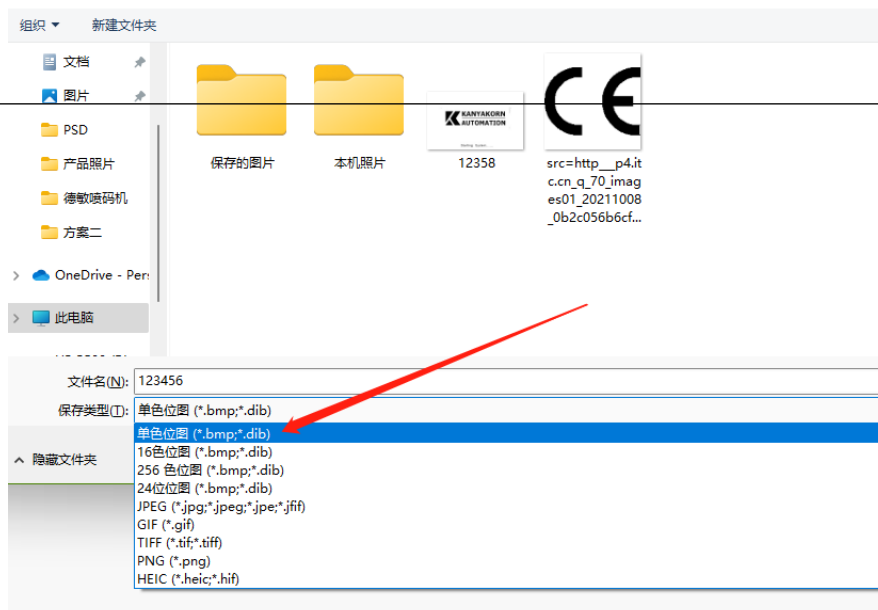
2. Choose to adjust by "pixels", set the vertical pixels to 150, and the horizontal pixels can choose to "maintain aspect ratio" automatically or set it yourself as needed



Select "File" -> "Save As" -> "BMP" picture --> be sure to select a monochrome

bitmap

3.



Technical parameters	
Machine weight	Approximately 520 g
Fuselage material	Made of ABS plastic
Screen size	4.3-inch touch screen
Storing Information	2GB storage
Printing accuracy	300-600dpi
Print content	Chinese and English, QR code, barcode, serial number, logo, date
External interfaces	3.5mm sensor interface, USB interface
Ink color	Red, yellow, blue, green, black, white, invisible
Printing distance	2-5mm
Print height	2-12.7mm/2-25.4mm
Printing speed	60 m/min
Power supply parameters	DC8.4v lithium battery, 2A
Supported Languages	Chinese, English, Russian, Arabic, French, Vietnamese, etc
Ink properties	Dry, water-based, oil-based

Certificate of approval

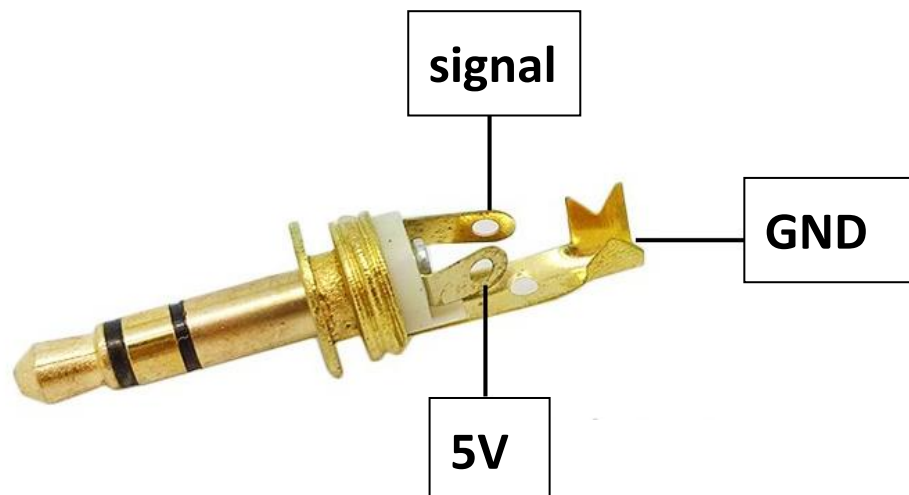
Model: _____

Inspectors: _____

Date of manufacture: _____



Certificate of approval



Disclaimer of Warranties

1. Thank you for purchasing the smart inkjet printer, in order to ensure the safety of the product and your legitimate rights and interests, please read the manual carefully before use.
2. This product is a precision instrument and equipment, if there is an abnormal situation that cannot be used, please test and deal with it according to the instructions in the manual, or contact the company after after-sales, please do not deal with it yourself
3. Except for wearing parts (such as ink cartridges, power cords, etc. are not covered by the warranty)
4. No warranty will be given if it is repaired by a maintenance department not designated by the company, or if it is disassembled and repaired by the user himself
5. The use of non-original parts or consumables will not be warranted if the damage is caused
6. No warranty will be given after the warranty period
7. During the use of this product, if it encounters serious collision, open flame, water ingress, corrosion of unknown chemicals, unauthorized disassembly and other man-made damage, it is not covered by the warranty.
8. If the machine encounters a fault, please back up the important information in the equipment in time before sending it for repair to prevent loss
9. The right of final interpretation of this disclaimer belongs to our company.