

Touch

Intelligent Ink Jet Printer

A series general-purpose for Touch
The operation manual of
the GoPrinter

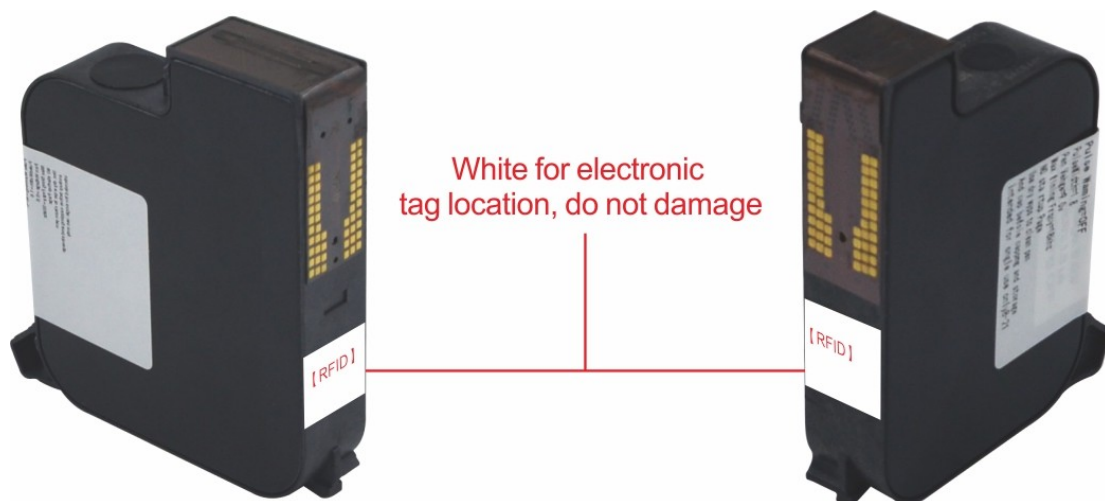
Please read the instruction manual carefully before using and keep it properly.
The picture related to this manual for reference only. All contents are checked
and proofread. If there are any problems such as printing errors, please
understand

Disclaimer:

1. During the use of this product, if there is serious damage, accidental fire, water ingress, unexplained chemical corrosion, unauthorized disassembly, etc, it isn't covered by the warranty.
2. If the printer has malfunctioned, please back up the information in time to prevent loss before repairs.
3. If the use of the code jet machine is abnormal, please contact the maintenance engineer or call the manufacturer's service line.
4. Untrained personnel are strictly prohibited to operate and use the jet printer
5. It is strictly prohibited to disassemble the printer without the permission of the factory staff.
6. The operator of the ink-jet machine should read the instruction carefully before operating the machine.
7. The company reserves the right to interpret this disclaimer.

Precautions for use of quick-drying ink cartridges

- 1.The power supply of the machine must be cut off before loading and unloading the ink cartridge
- 2.If you do not use the machine for more than 20 minutes, you must remove the cartridge from the machine. And clip it with the card.(Be sure to save the clip)
- 3.Specific requirements based on the nature of the ink cartridge, you are better to use ink cartridge out after opening ink cartridge.
- 4.Because the cartridge is quick dry nature, so the use of the process of a little drawing, missing line phenomenon, is a normal situation
5. If there is a phenomenon of a little drawing or missing line , you can use a soft paper towel to wipe the nozzle in one direction (Do not damage the nozzle with hard materials)
- 6.If it is fast dry white ink, shake it for 5-10 minutes before each use, otherwise the color will be lighter.(Be careful not to shake too hard)



1inch ink cartridge (25.4mm)

0.5inch ink cartridg (12.7mm)

Special modified type



Half inch
metal case
for handheld



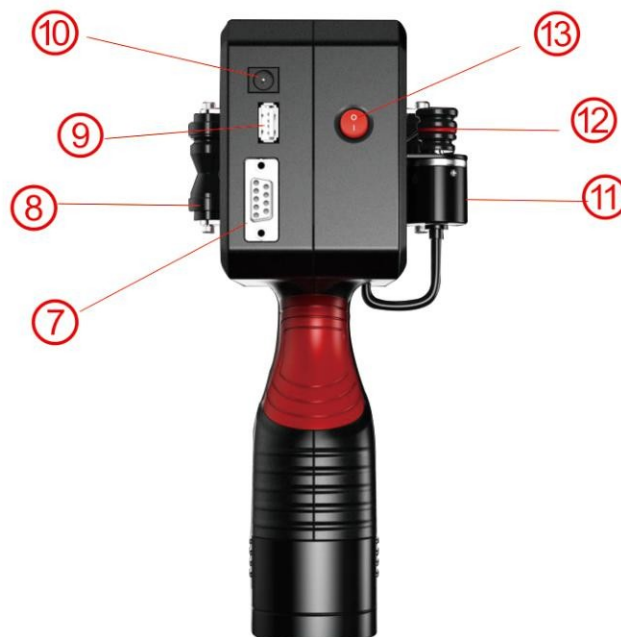
One inch
metal case
for handheld



Half inch
handheldHandle
to the rear



Handheld jet printer Positive
 The handle (inside the battery)
 Print switch
 Auxiliary wheel
 Nozzle slot
 Edit unction area
 Display area



Handheld jet printer other side
 7 、 R232 serial port
 8 、 Auxiliary wheel
 9 、 USB serial port
 10 、 Charging interface(17V)
 11 、 Synchronizer
 12 、 Transmission belt
 13 、 Power switch



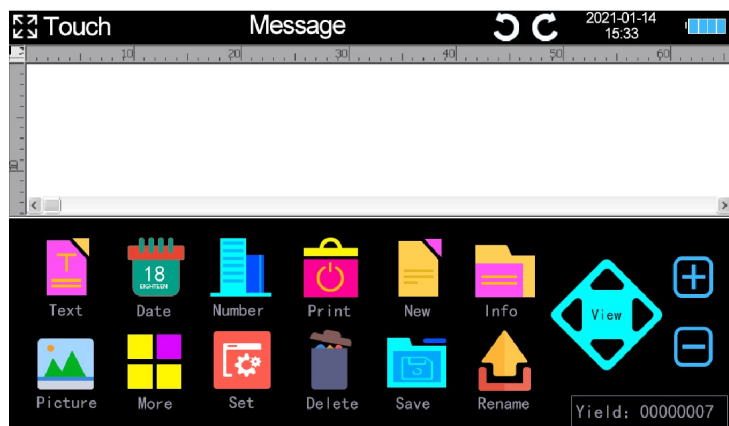
Touch-D(Double head)



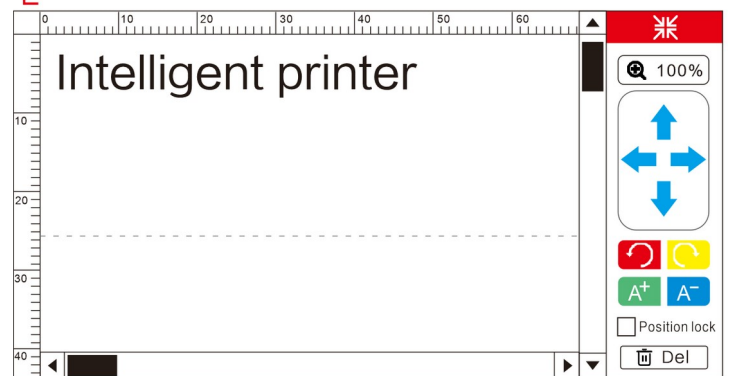
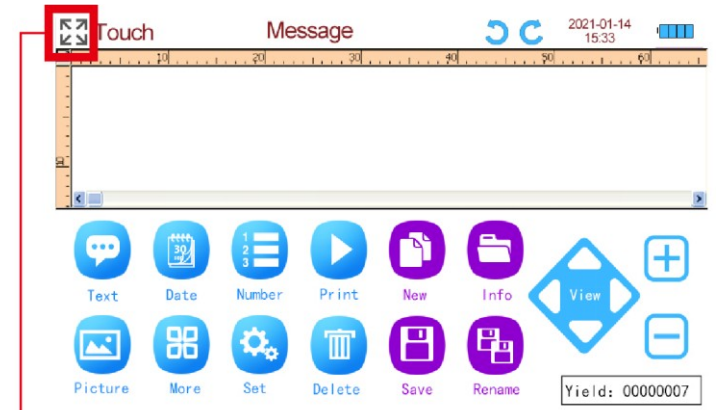
(T-X main menu)



(T-Y main menu)



(T-D main menu)



100% Zoom ratios are 25%, 50%, and 100%

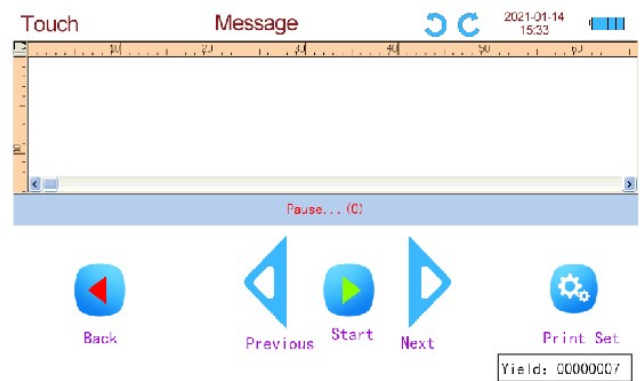
Amplification **Narrow** (Full screen mode)

Location lock:

The text cannot be moved after the selected text is locked.

↑(Move up) ↓(Move down) ←(Move left) →(Move right)

A⁺ (Font magnifier) A⁻ (Font narrow)



(print interface)

Note: Do not remove or insert the ink cartridge when printing!

Touch-XYD[®]

Intelligent InkJet Printer

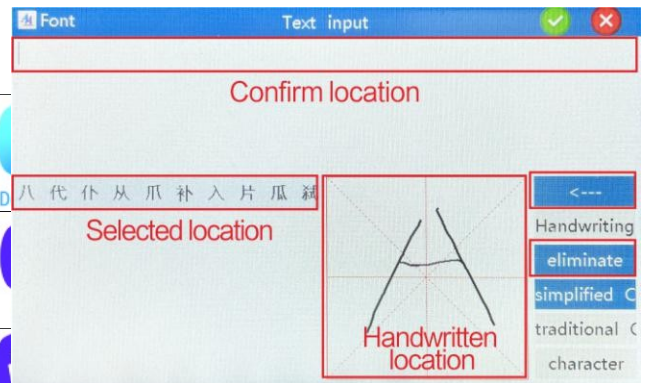
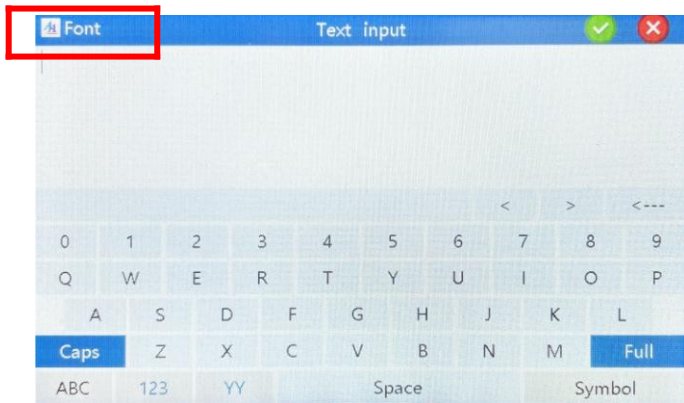
No.4

Boot processing >>>



Click on the power switch
And turn on the boot page
(The boot time is about 7 seconds)

Boot interface



	Editable variable counter number, regular number		that has been saved
	Click Run to start printing or stop printing.		Click to save the message name, Long press for more than 5 seconds to save as
	Edit the trade mark or logo.		Reedit the information name
	Edited Barcode, form, TXT, Excel, Segmented		Minute movement of information segment position
	System parameters can be set (under the guidance of the engineer)		View printing times
	Percentage of battery usage (general reference only)		Currently printable information name
	Click to enlarge once, and long press to enlarge continuously		Click zoom out once, and long press continue to zoom out
	Turn 0, 90, 180, 270, 360 degree		Printing parameter settings (under the guidance of engineers)



Text

1.TEXT

Click "text" Enter the above interface, where you can edit Chinese, English, number, symbol and so on

Handwriting input interface

Handwritten location: Handwritten text area
Selected location: Choose the correct text
Delete: Clear handwriting Location's text
<-----: Clear confirmed area text

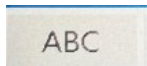
123

Insert counter

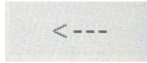
YY

Insert date

Turn page selection



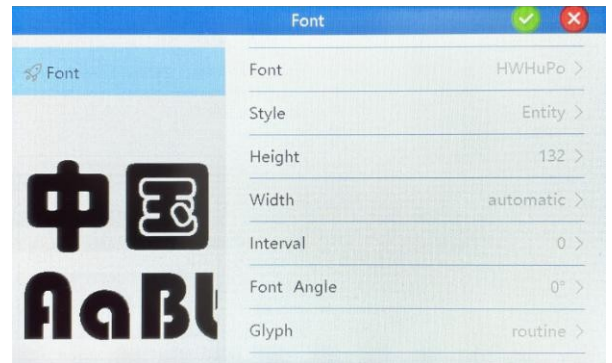
Switch input method



Delete characters



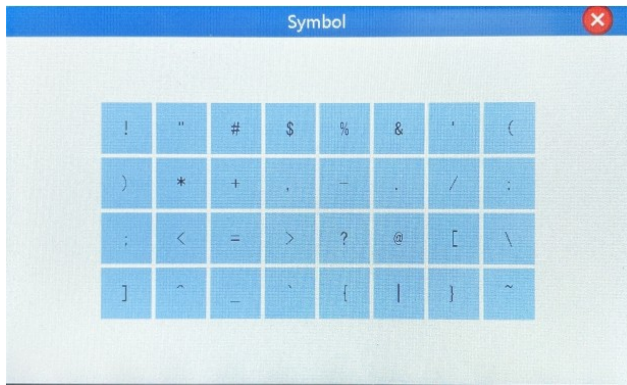
Touch-X: The highest printing height is 12.7mm
 Touch-Y: The highest printing height is 25.4mm
 Touch-D: The highest printing height is 48mm



Click font settings

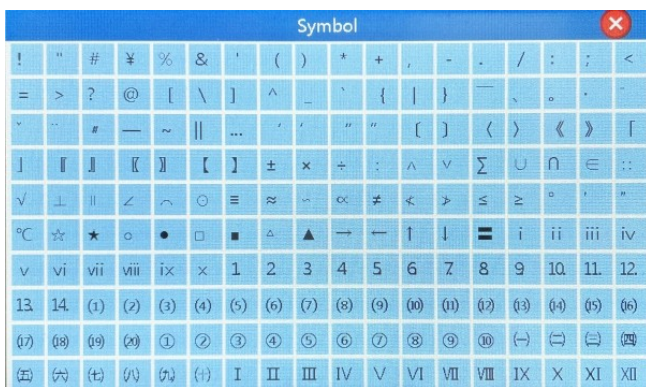
Font: Song Ti, Kai Ti, Li Shu, Hei, etc.
 Style: entity font, dot matrix font, deleted font
 Text height: 0-500
 Text width: 0-999
 Text interval: 0-99
 Rotation angle: 0-360 degree single font rotation
 Note the difference with overall rotation unction
 Font style: regular, bold, italic, bold italic



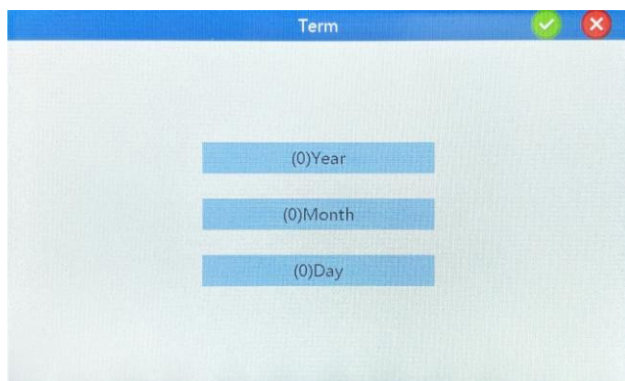
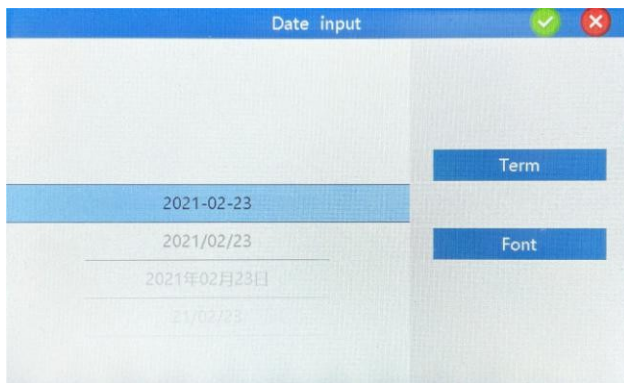


Half-width symbol

Full-width symbols cause character spacing to increase



Full-width symbol



Validity period setting



2.Date

Date

Click "Date", and select the corresponding date or time format.
Validity period: set year, month and day
(Used in combination with production date)
Font setting: see "Page 7" for details

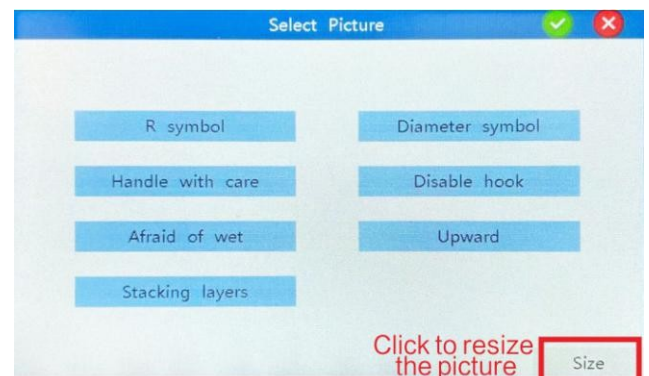


Picture

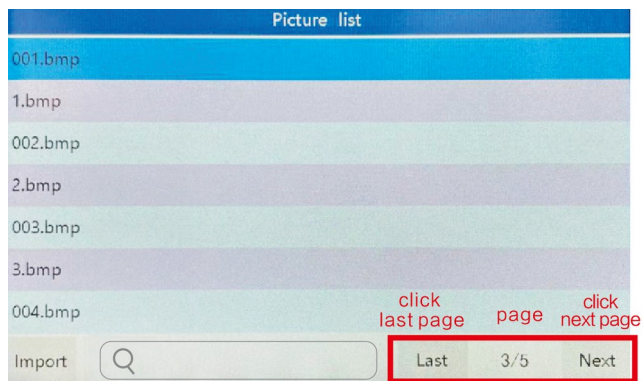
3.Picture

Common icons: R mark, diameter mark, handle with care, disable hand hook, etc. The printer system comes with it.

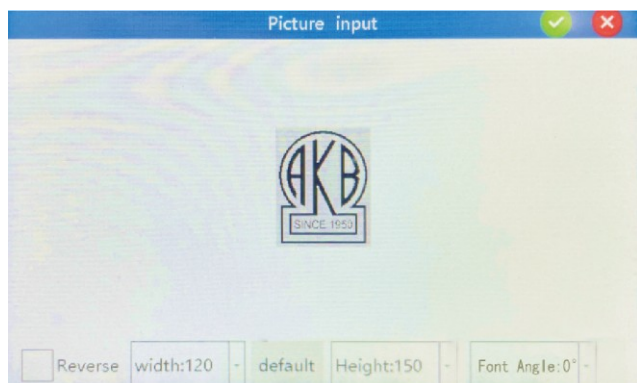
U Disk: Read the picture in the U disk and import it into the printer. It must be in BMP format, which can recognize pictures in Chinese and English and character names (only monochrome bitmaps).



Commonly used pictures



Support search file name, add pictures

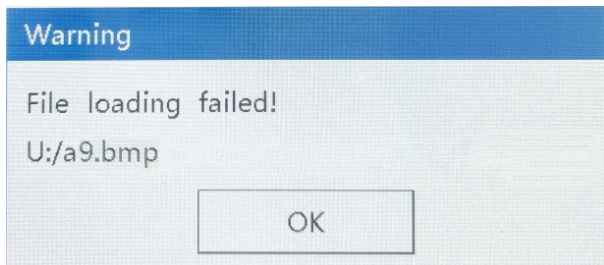


After the USB flash drive reads the file, select the picture to be printed and import it, and the width and height of the picture can be adjusted by yourself.

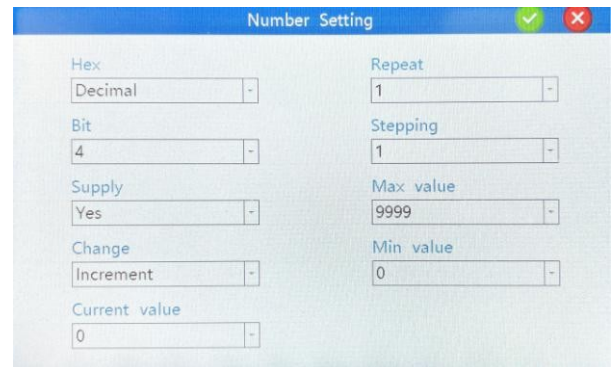
The recommended size is 145 pixels for a half-inch picture, 290 pixels for a one-inch picture, and 580 pixels for a double-headed picture

Reverse: the black part becomes white, and the white part becomes black.

Rotation Angle: Support 360 degree rotation.



Do not pull out the USB flash drive during the printing process, otherwise the file will be missing and the warning shown in the above picture will appear.



4.Counter

Entry system: decimal, hexadecimal

Number of repetitions: the number of repeated printing

Number of digits: counting digits (1-15 digits)

Step: the step size of the count change

Change: self-increasing, self-decreasing

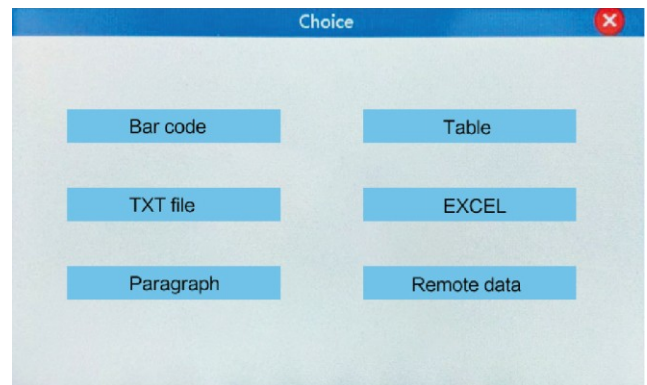
Maximum value: the end value of the count

Current value: the current value of the count

Minimum: the start value of the count

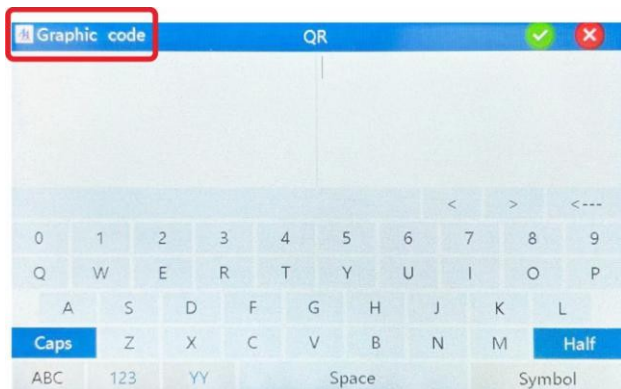
Font setting: see "page 7" for details

Leading zero: yes (such as 0001, 0002, 0003), no (such as 1, 2, 3)



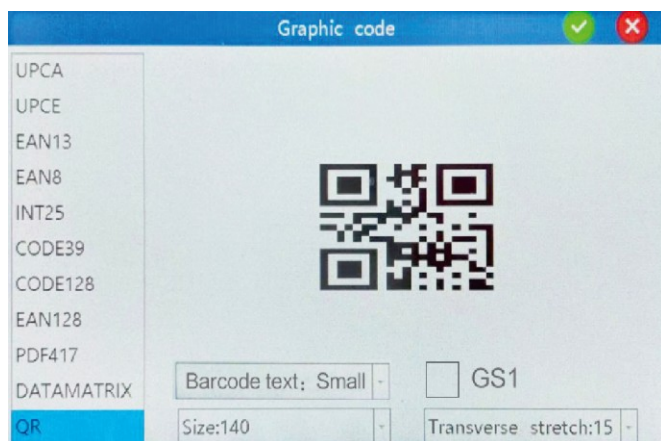
5.More

More: barcode, Table, TXT file, Excel, Paragraph, Remote data.



Barcode: Enter the text to be recognized in the right box, and the corresponding bar code will be displayed in the left box.

Graphic code setting: change the bar code type



Barcode type: ENA13, CODE128, QR code, DM code, etc.

Transverse stretching: freely modify the value to change the width and width ratio of the two-dimensional code to ensure that the two-dimensional code printed out is square.

When printing barcode, you can choose whether to display barcode text and barcode text size.

Gs1 barcode editing instructions: The text content must be entered in the half corner state. The input content must be accurate or the graphic code cannot be generated.

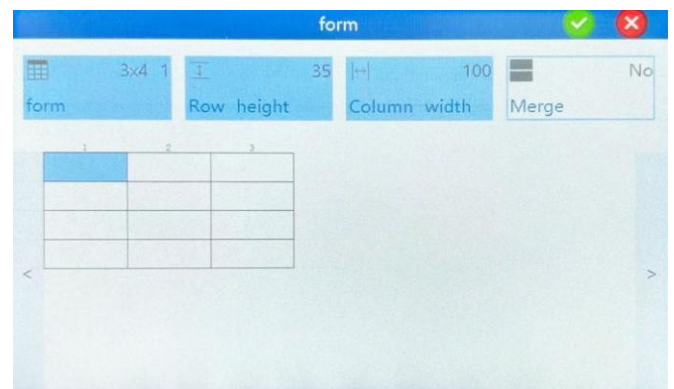
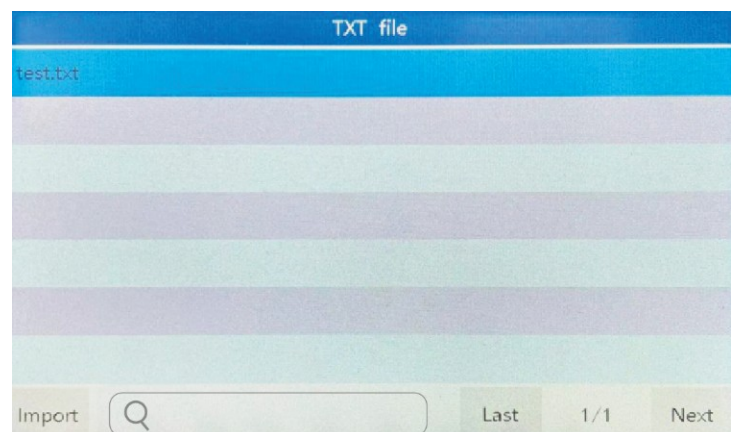


Table: A blank table with 4 rows and 5 columns can be inserted at most, and the thickness of the lines can be adjusted

Row height: 10-150

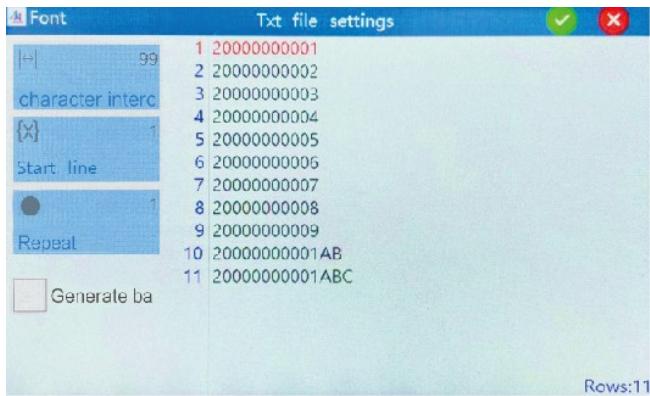
Column width: 10-999

Merge cells: support



TXT file: Read the U Flash drive information, select the corresponding txt file and click "Import".

Import TXT files by searching for file names



The right area will preview the content of the txt file, slide up in the blank area to preview the content below, the bottom right corner displays the total number of lines;

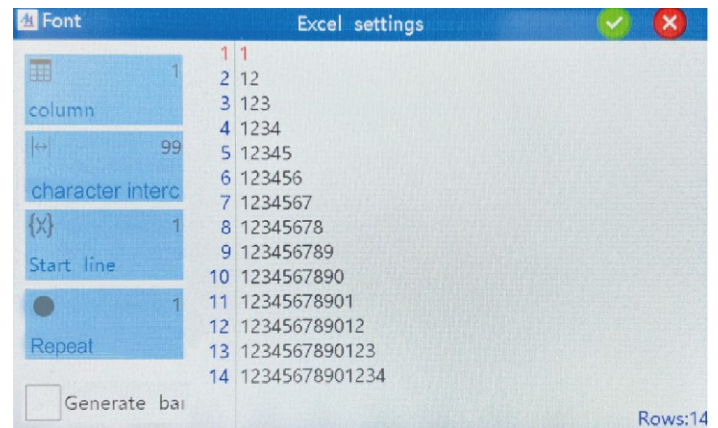
Character interception: can be arbitrary interception character printing;

Start line: select which line to start printing from;

Repeat: each message is printed repeatedly;

Font setting: see "Page 7" for details;

Generate barcode: After checking, the upper left corner becomes select code ". After selecting the corresponding barcode type, the printer will automatically generate and print the corresponding barcode according to the txt information. See "Page 10" for details



The right area will preview the content of the excel file, slide up in the blank area to preview the content below, the bottom right corner displays the total number of rows;

Column: Select a column to preview the information of the corresponding column;

Start line: select which line to start printing from;

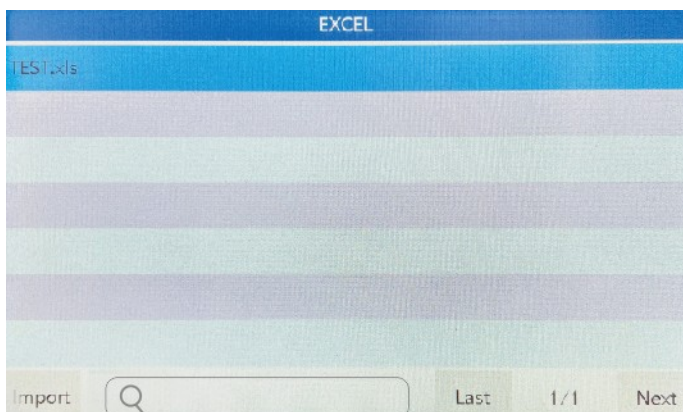
Character interception: can be arbitrary interception character printing;

Start line: select which line to start printing from;

Repeat: each message is printed repeatedly;

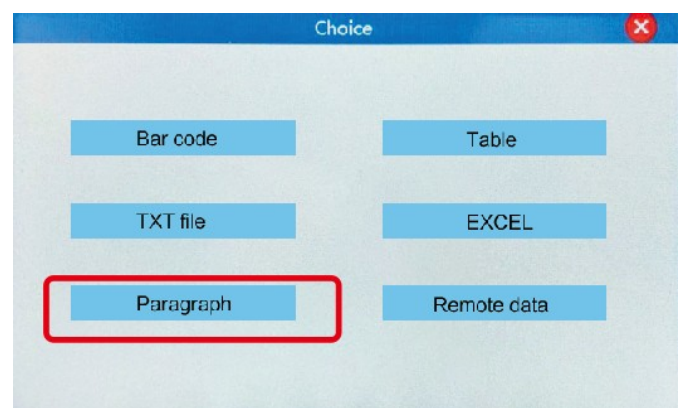
Font setting: see "Page 7" for details;

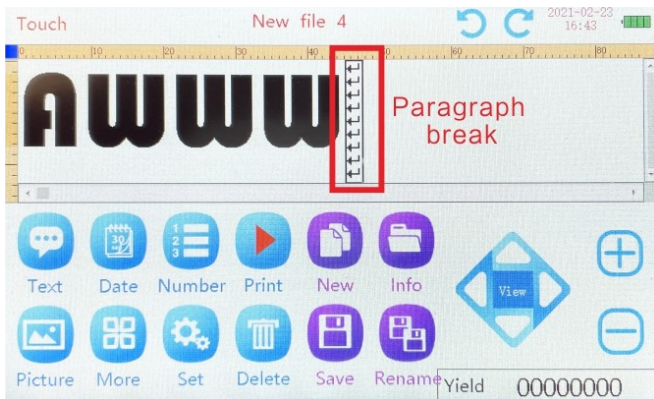
Generate barcode: After checking, the upper left corner will become "select code setting". After selecting the corresponding barcode type, the printer will automatically generate and print the corresponding barcode according to the information in the excel form. See "Page 10" for details.



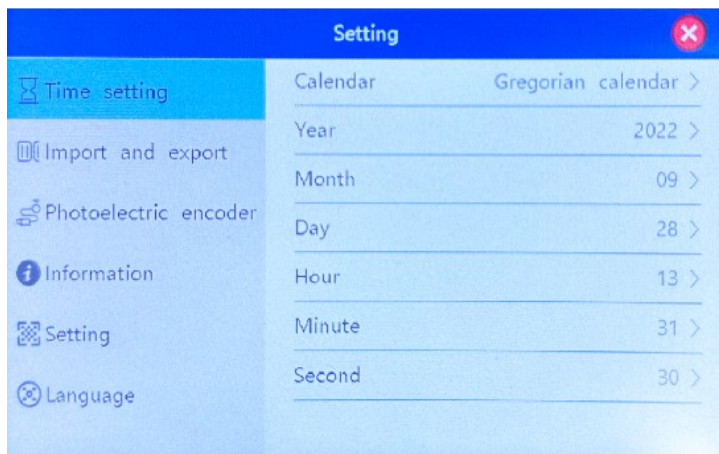
EXCEL file: read the U disk information, select the corresponding EXCEL file and click "Import". (Only for files in .xls format)

Import Excel files by searching for file names





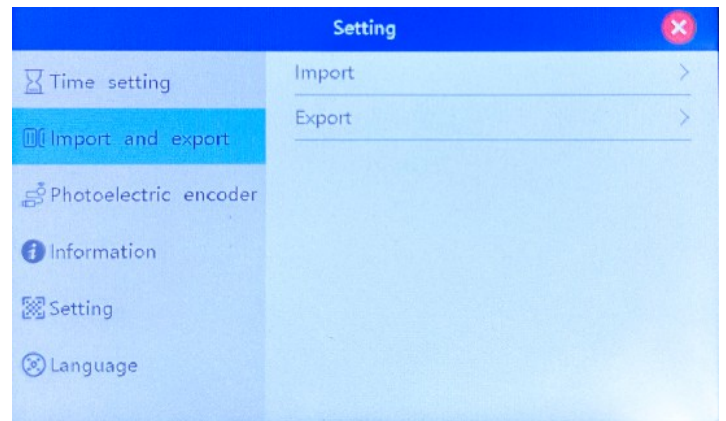
Click "Segment" to realize segment printing. A segment symbol will appear in the main edit box.



6.setting

Time setting

Set the calendar: Gregorian calendar, Persian calendar, Islamic calendar. Set the system time, including year, month, day, hour, minute, and second.

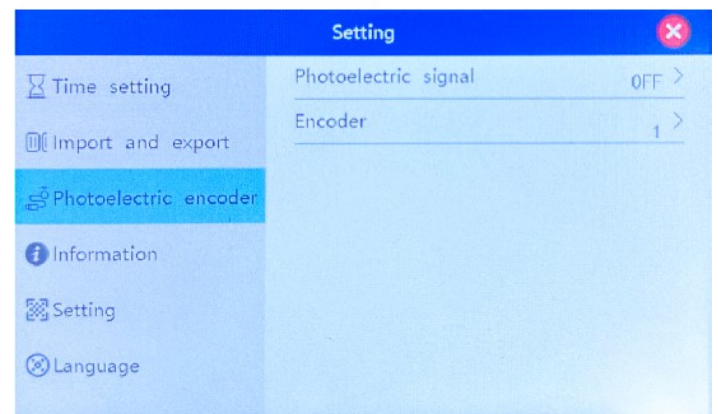


Record import and export

Record import: import printing information from u disk.

Record export: export the printing information to a USB flash drive.

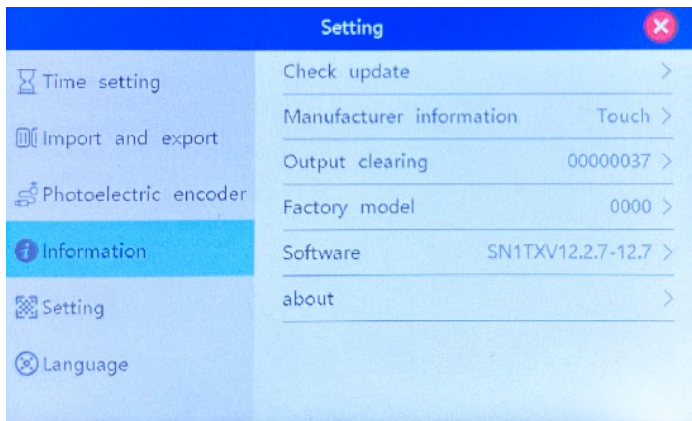
The imported file is shown in the figure below.



Photoelectric encoder detection

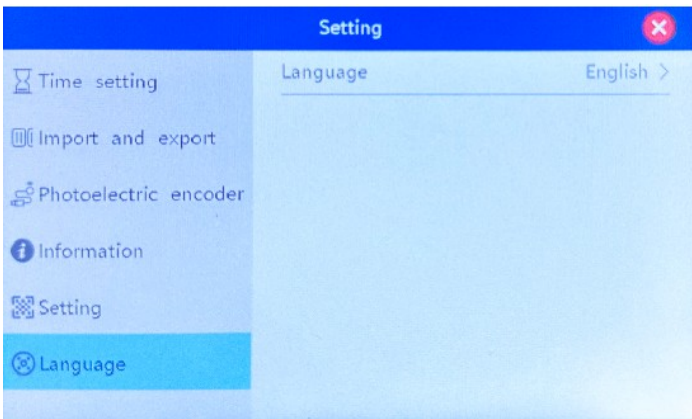
Photoelectric signal: Use with photoelectric sensor, display "ON" when sensing, and "OFF" when not sensing.

Encoder: Display the number of pulses received.



information

- Check update: Update the system version. Contact Huawei technical support.
- Manufacturer information: Change the name at the upper left corner of the main page. The character cannot be too long.
- Output clearing: clear total output data
- Factory mode: Contact factory engineers.
- Software: Displays the current software version.
- About: Hardware information

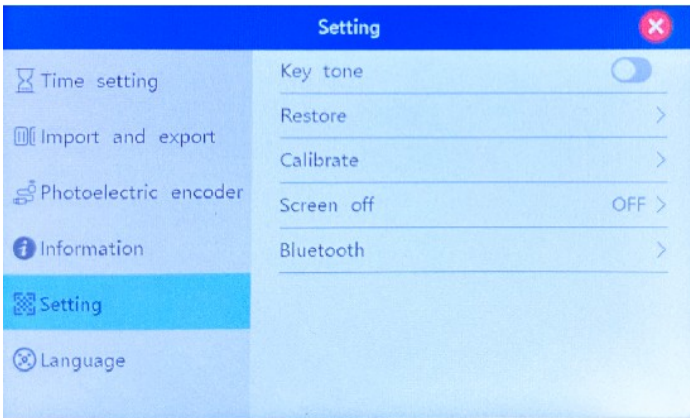


Language selection

Simplified Chinese, Traditional Chinese, English, Russian, Japanese, German, French, Korean, Italian, Polish, Dutch, Finnish, Arabic, Danish, Czech, Swedish, Vietnamese, Greek, Turkish , Spanish, Portuguese, Persian, Thai

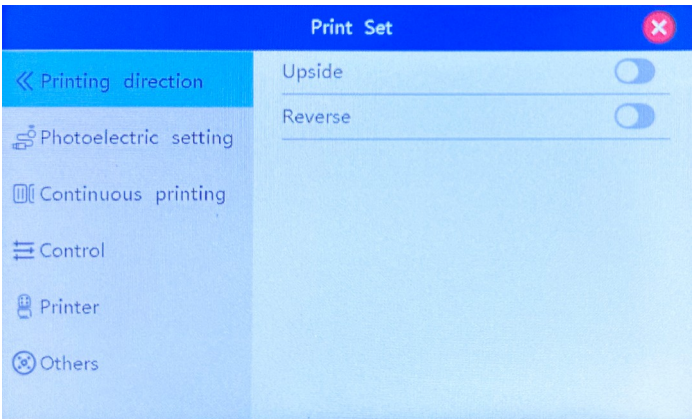


7.Printing setting



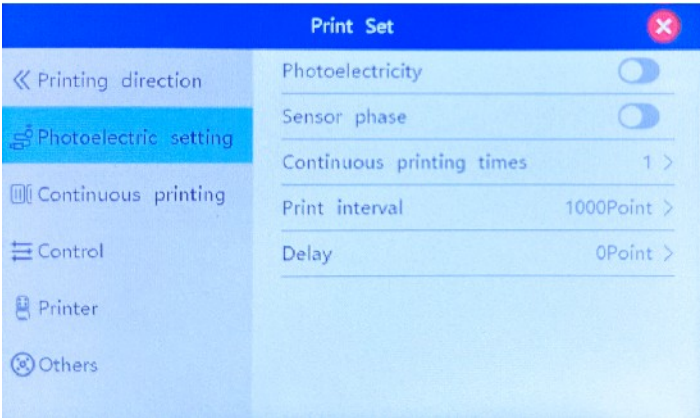
Setting

- Key tone: On, off
- Restore:Clear all information and parameters
- Screen off: used to adjust when the touch screen is inaccurate Automatic breath screen: Free to set the screen saver time



Print direction

Upside: printing information from right to left
Reverse: Print the information vertically



Photoelectricity: ON、OFF

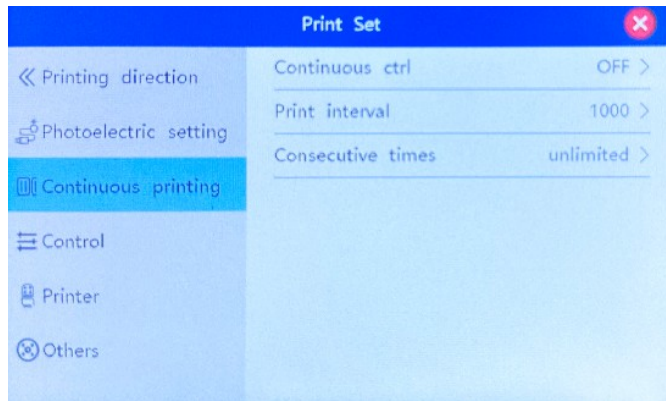
Sensor phase: For details, please contact after-sales engineers

Continuous printing times: the corresponding number of photoelectric induction for one spray

Printing interval: the larger the value, the larger the interval

Delay: After triggering printing, printing for an extended period of time(When the encoder is started, the pulse signal of the encoder is collected by default for printing)

Photoelectric signal unit: millisecond pulse signal unit: point



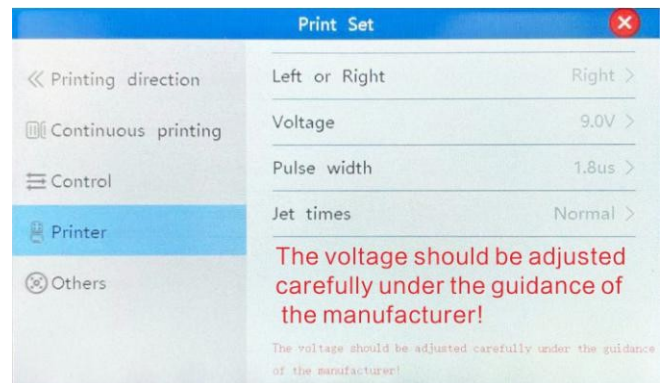
Synchronously

Encoder switch: on, off

Encoder div: the larger the value, the wider the number of prints and the longer the information

Speed: the larger the value, the faster the ink output speed, the maximum value is 50000

Frequency doubling: the larger the value, the longer the printed characters, but the number of printed columns will not change.



Nozzle set

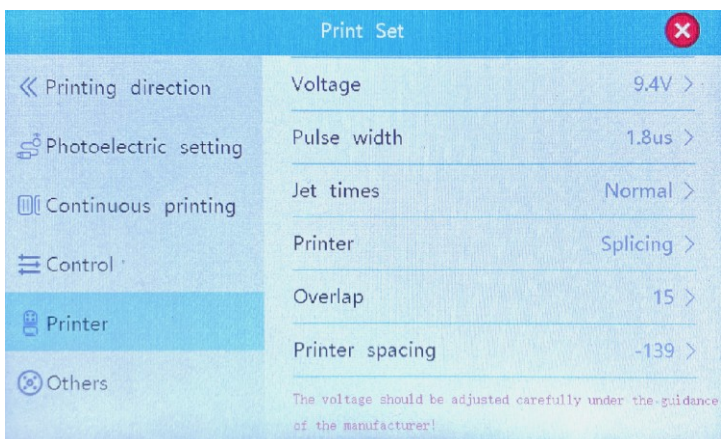
L or R: left nozzle, right nozzle, simultaneous printing (only half inch model)Left and right

spacing: for simultaneous printing, the left and right spacing can be adjustedLeft side and right side overlap (only half inch model)

Voltage: 8.6-9.2V recommended for quick-drying cartridgesWater-based cartridges are recommended at 10.5-11.5VFor special cartridge types, consult the manufacturer's engineer

Pulse width:1.6-2.2μsFor special cartridge types, consult the manufacturer's engineer

Jet times: normal, bold 1-9 times, recommended to use the normal option, bold will increase the amount of ink consumption.



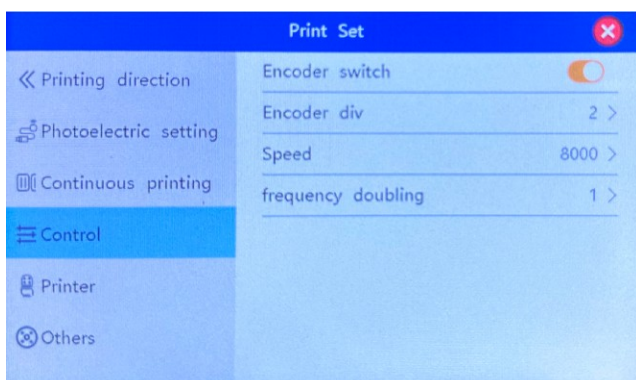
Continuous print control

Off: The automatic printing function is turned off. You can only print with the handle button.

Timing: Automatically print a message at regular intervals. The interval time is set from the continuous print interval. And turn off the encoder.

Encoder: A message is automatically printed every certain pulse number, and the interval pulse number is set by the continuous printing interval.

Continuous printing Settings:First, when set to "timing", according to the set time and times, click "after start printing" code jet printer will immediately print.2. When set as "encoder", according to the set interval and times, it is necessary to move the code jet printer for printing after clicking "start printing".



Print head setting (for T-D inkjet printer)

Nozzle selection:

Nozzle 1 (No. 1 nozzle is used alone)

Nozzle 2 (No. 2 nozzle is used alone)

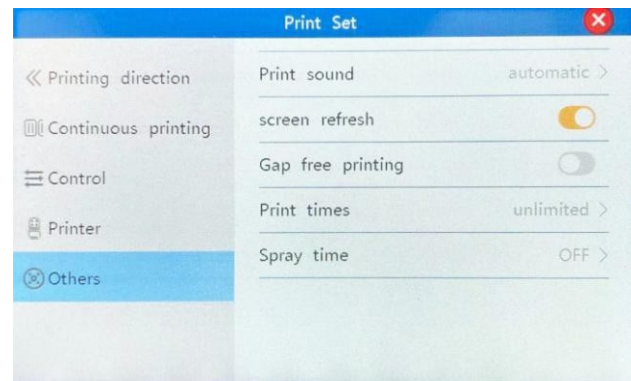
Double nozzle splicing (splicing nozzles 1 and 2)

Overlap: ensure that the nozzles 1 and 2 are aligned in the horizontal direction

Printer spacing: ensure that nozzles 1 and 2 are aligned in the vertical direction

If the synchronization frequency multiplication and encoder frequency division are changed, the above two parameters need to be re-adjusted

The voltage value and pulse width value should be carefully adjusted according to the ink cartridge type under the guidance of the manufacturer's engineer!!! To avoid the risk of damaging the machine and ink cartridges.



Other settings

Print sound: off, only start, only finish, start & finish, automatic (manual printing mode start and end will have sound prompt, sensor printing only start printing with sound prompt, end printing without prompt), turn off the printing sound can improve the printing speed to a certain extent

Screen refresh: Update the screen display when printing

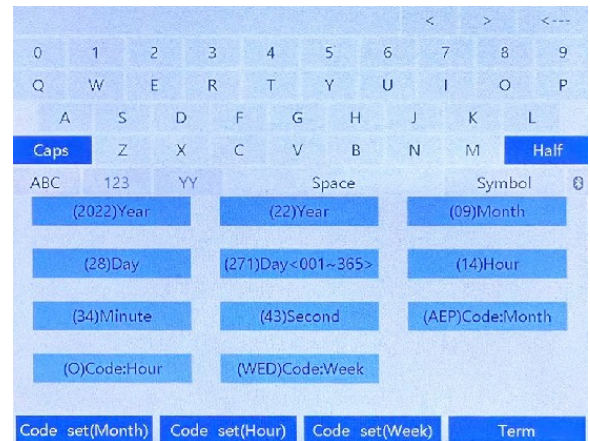
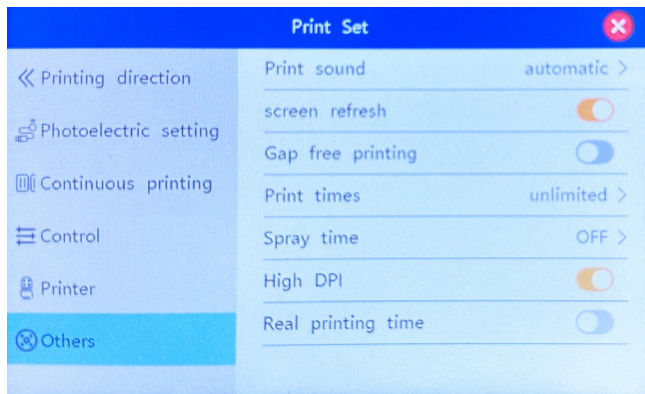
Gap free printing: print the same content continuously

Print times: Number indicates times (please do not change)

Spray setting: The value represents milliseconds

High DPI: enable 300dpi. Shut down 150 dpi

Real printing time: Real-time printing time refresh.



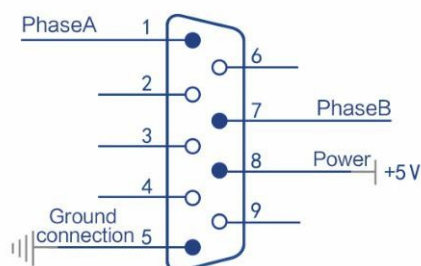
The validity period is user-defined

After clicking "YY", the following interface will appear.

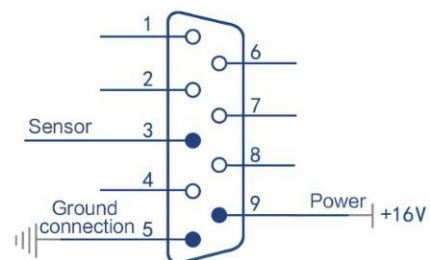
1. Click Validity Period to customize the setting format.
2. Replace the year, month, day, and day with special characters.
3. It automatically displays the current day of the year.

Touch Series DB9 pin wiring diagram

Synchronizer limit method



Photoelectric wiring limit method



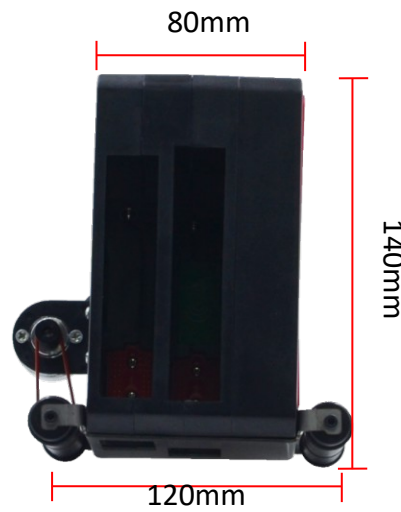
Printer packing list

NO	Part name	Qty	Exterior	Handheld	Online
1	Packing Box	1		★	★
2	Hand held Ink jet Printer	1		★	
3	Online Ink Jet Printer	1			★
4	Charger (16.8V 1A)	1		★	
5	Adapter (16V-3A)	1			★
6	Sensor	1			★
7	Ink cartridge	1		○	○
8	Stylus	1		★	★
9	Printer operation manual	1		★	★

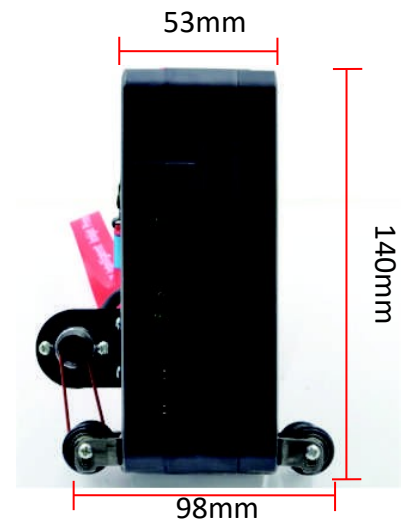
Note: It is recommended to use floor stand for online inkjet printers!

Note: “★” to be standard, “○” pay for

The series of Touch Printer Size chart



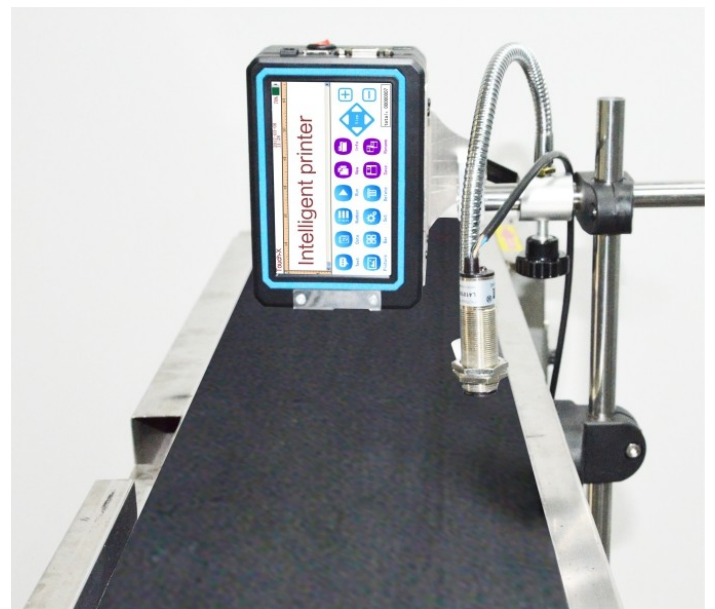
(T-D)



(T-XY)



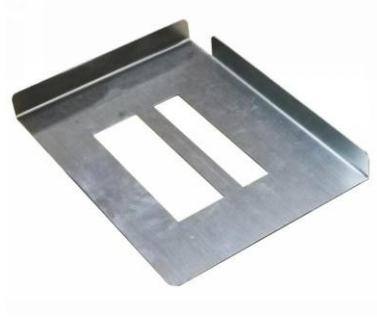
Physical picture of fixed bracket
(including Sensor)



Fixed bracket with online machine
installation diagram

Commonly used accessories For The Series of Touch Printer

Printing Board



Floor stand



printing platform



Conveyor belt

Note: the above common accessories need extra payment

技术参数

Machine size	140*53*238mm (Include handle)
Material of Printer Outside	ABS outside
Weight	约 800g (without ink cartridge)
Screen size	5 inchs touch screen (108*65mm) \ 800*480dpi
Store information	Infinite storage
Precision of printing	300DPI/600DPI(half only)
Counting unit	1-15digits
Printing bar code	Bar code, QR code, variable QR code
External interface	Charging interface, R232 serial port, USB
Using environment	Temper:0-40℃、humidity:10-80%
Oil ink color	Black, red, blue, green, yellow, orange, white, invisible
Fast dry ink color	Black, red, blue, green, yellow, orange, white, invisible
Ink cartridge capacity	42CC (1/2 inch)、45CC (1 inch)
Ink type	Dry, oily, water-based
Spray print library	Synchronize with machines and computers
Spray printing distance	2-5mm
printing height	2-12.7mm、2-25.4mm、2-48mm
Speed of printing	60m/min
Printing content	Date, counting, batch number, serial number, pictures etc
Power parameters	DC 14.8V lithium battery; 16V3A/5A the power adapter
Battery capacity	1500-2600mAh

These parameters are subject to change without prior notice