



KELIER KD180 printer USER Manual



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)



T-W printer interface



double head printer



six head printer



1.Hdmi-1

2.Hdmi-2

3.USB

4.Charging interface

5.ENCODER

6.SENSOR

7.Metal body

8.Alarm output (Customize)

9.7 inch screen

10.Power switch

Note: The power must be take off when plug and unplug the print cable

Boot page

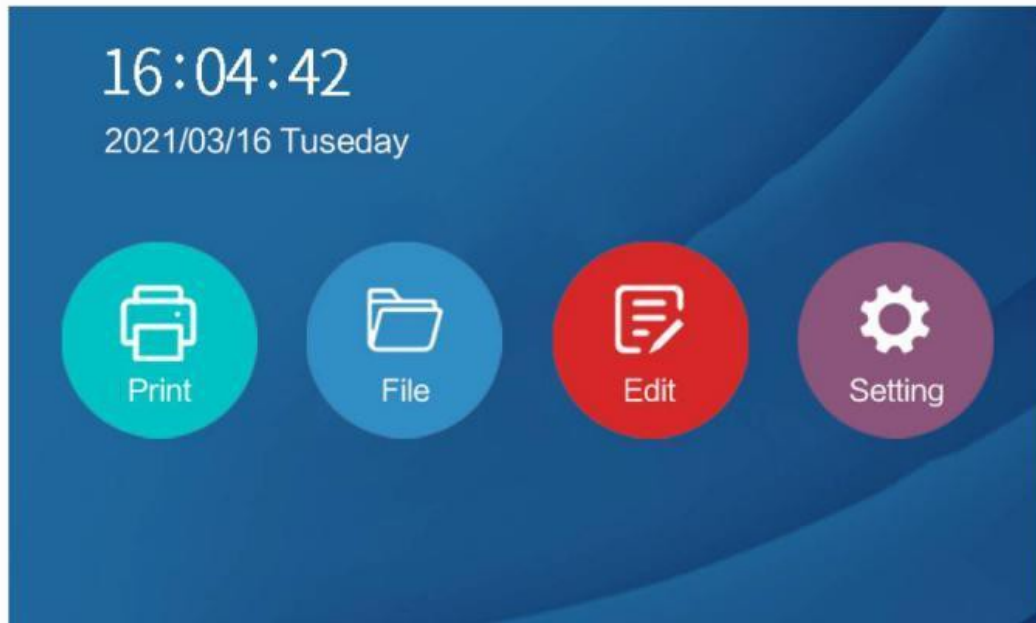


Click on the power switch
And turn on the boot page
(The boot time is about 7 seconds)



Indicator switch (it is up to customer)

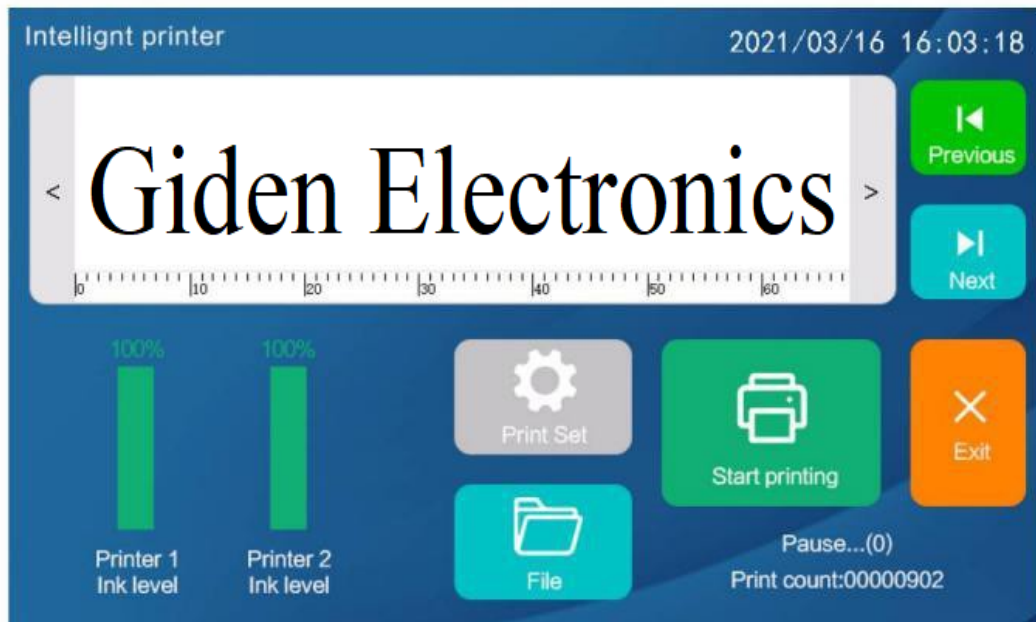
T-W main interface



print:print interface
file:view saved files

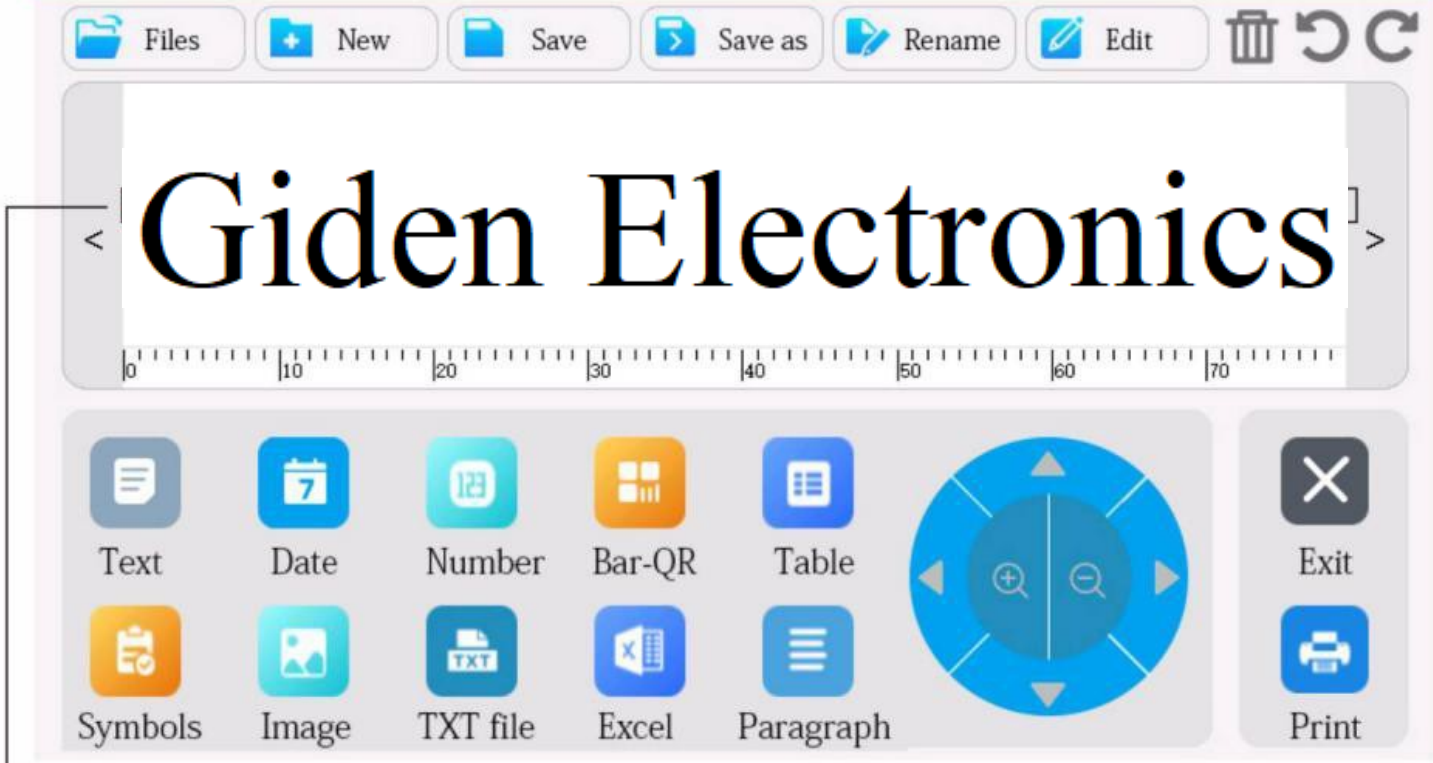
edit:edit interface
setting:set up interface

T-W print interface























Previous:print Last message
Next item:print Next message
Print set:Enter printing setting
interface after clicking

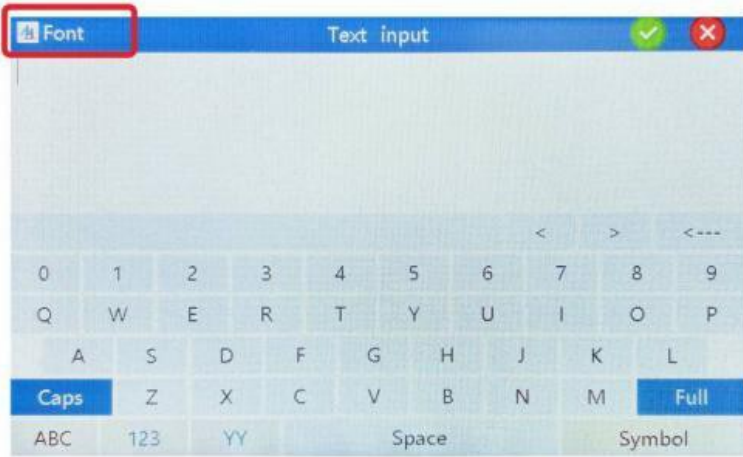
Start:start printing after clicking
Exit:enter the editing interface after click
File:view saved files



The red dotted line in the edit box indicates the No.1 and No.2 printing nozzle area

The main menu (T-W edit interface)

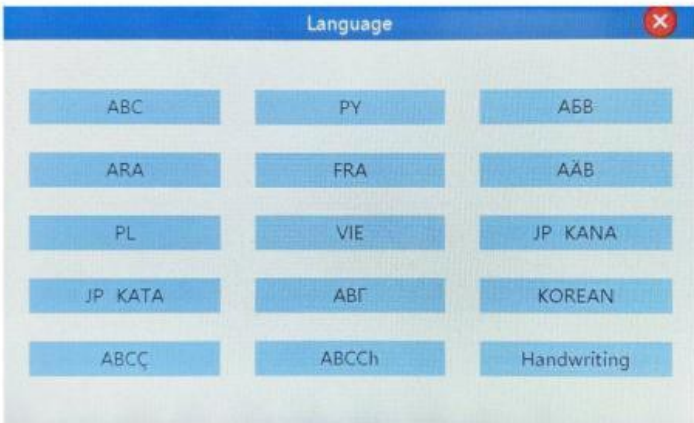
 Text	Can edit Chinese, Numbers, English, Symbols and so on	 Exit	Exit the current interface
 Date	Editable variables year, month, day, hour, minute, second	 Print	Click start to enter the printing interface Click again to start printing
 Number	Editable variable stream number, regular number		Open the saved information
 Bar-QR	Can edit bar code, two-dimensional code and so on		You can create a new message
 Table	Create a new blank table		Create a new blank table
 Symbols	R mark, diameter mark, handle with care, upward, etc		Change information name
 Image	Products, pictures and LOGO can be edited (import on U disk only)		Rename the information name
 TXT file	Import TXT file (USB disk import only)		Modify the edited information
 Excel	Import Excel file (USB flash drive only)		Deletes the edited message segment
 Paragraph	Add information segmentation		0,90,180,270,360 Angle of rotation



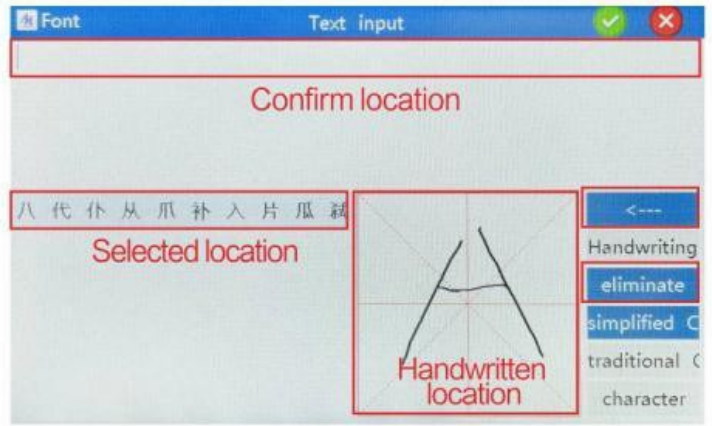
Text 1.Text

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

- 123 Insert counter YY Insert date
- < > Turn page selection
- ABC Switch input
- <--- Delete characters

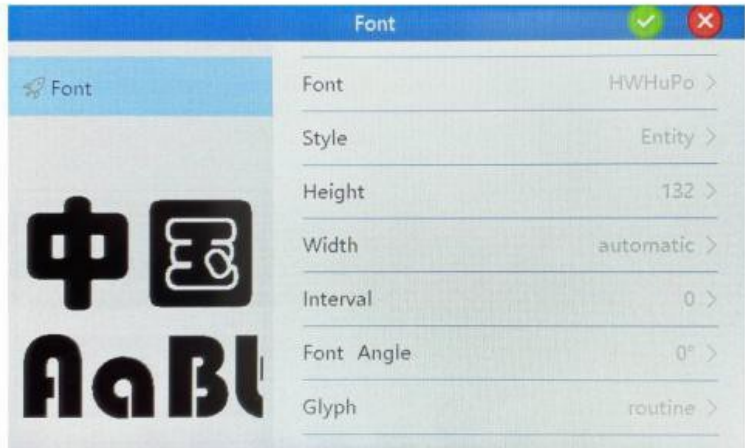


Touch-W 127*2L:
 The highest printing height is 25mm
 Touch-W 254*2L:
 The highest printing height is 50mm




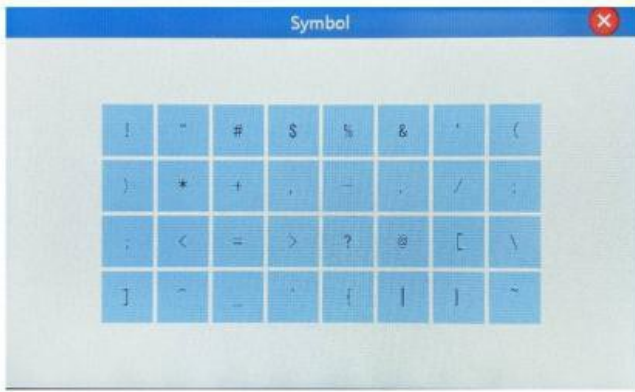
Handwriting input interface

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

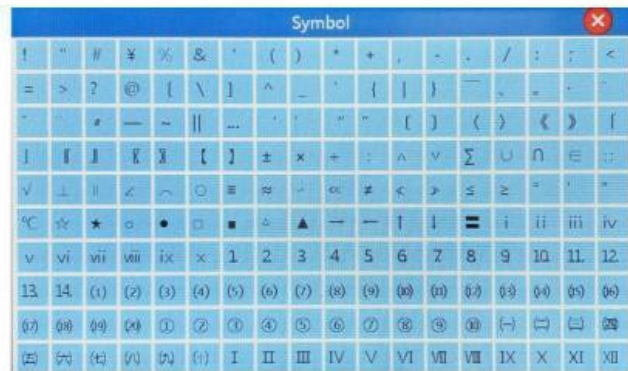


Font Click font settings

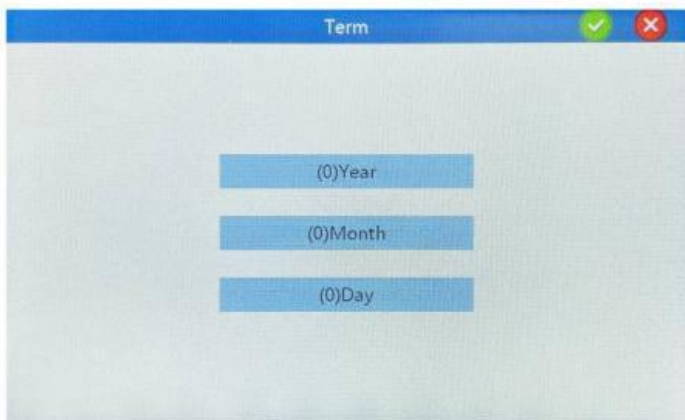
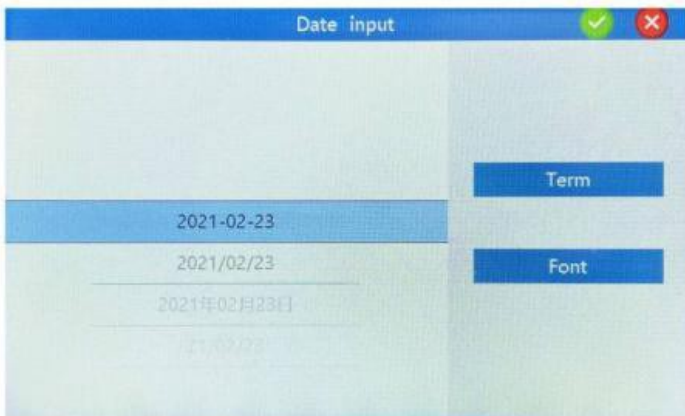
Font: SongTi, KaiTi, LiShu, Hei, etc.
 Style: entity font, dot matrix font, deleted font
 Text height: 0-250 (single head), 0-500 (doublehead)
 Text width: 0-999
 Text interval: 0-99
 Rotation angle: 0-360 degree single font rotation
 Note the difference with overall rotation function 
 Fontstyle: regular, bold, italic, bolditalic



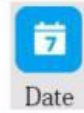
Half-width symbol



Full-width symbol



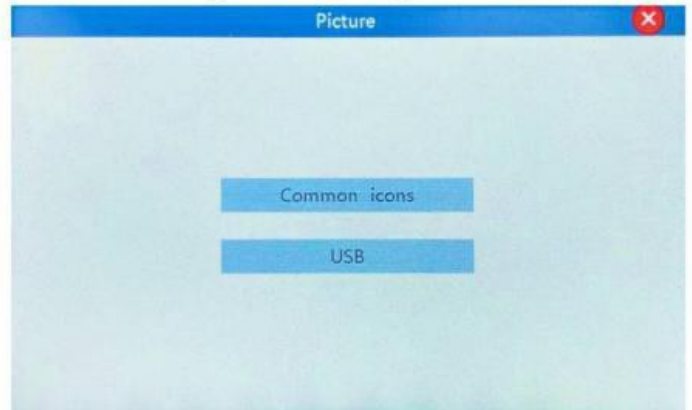
Validity period setting



Date

2.Date

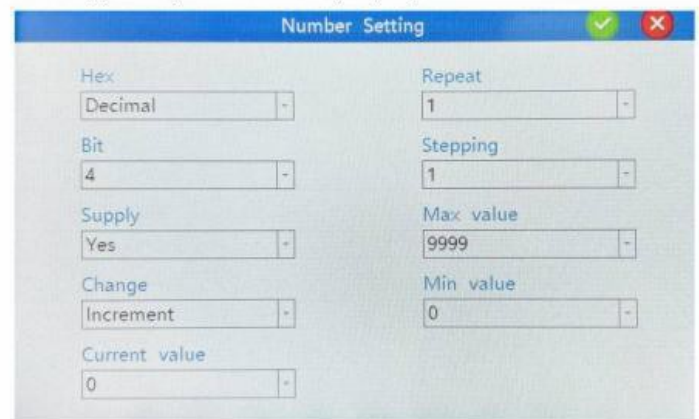
Click "Date", and select the corresponding date or time format.
 Validity period: set year, month and day
 (Used in combination with production date)
 Font setting: see "Page 7" for details



Number

3.Number

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)

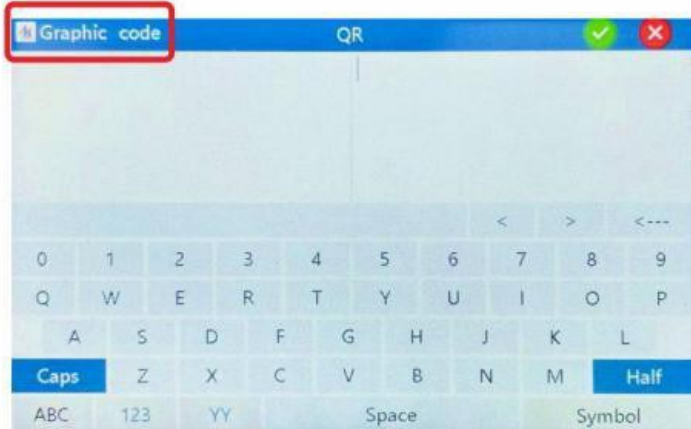




4.Bar-QR

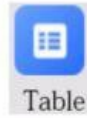
Barcode: Enter the text to be recognized in the right box, and the corresponding bar code will be displayed in the left box.

Graphic code setting: change the bar code type



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

Horizontal stretch: freely modify the value to change the width to narrow ratio of the QR code to ensure that the printed QR code is square



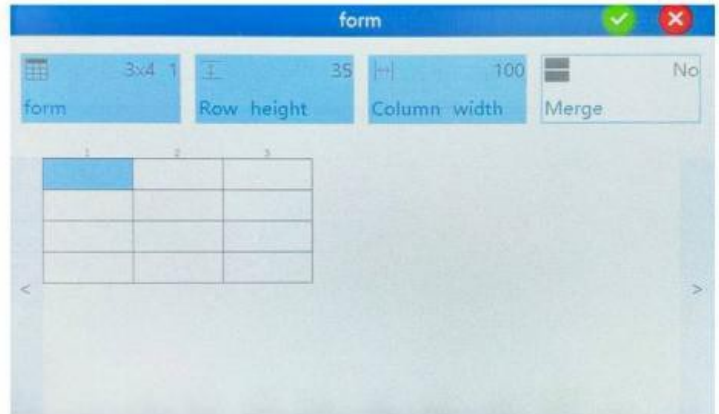
5.Table

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

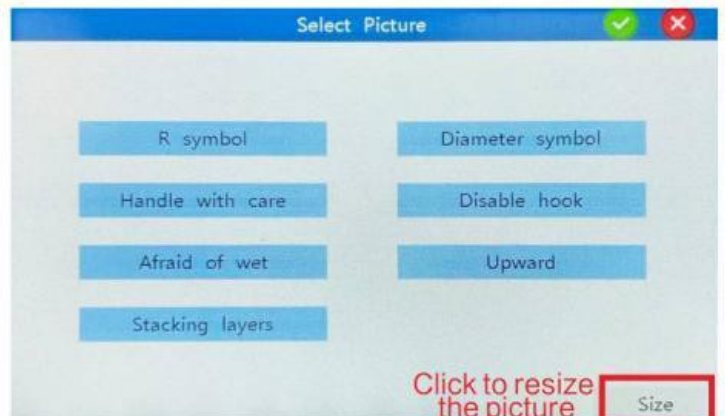
Column width: 10-999

Merge cells: support



6.Symbols

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

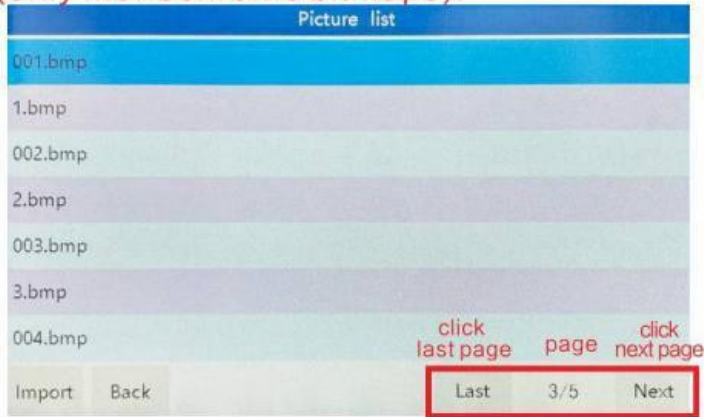


Commonly used pictures



7. Image

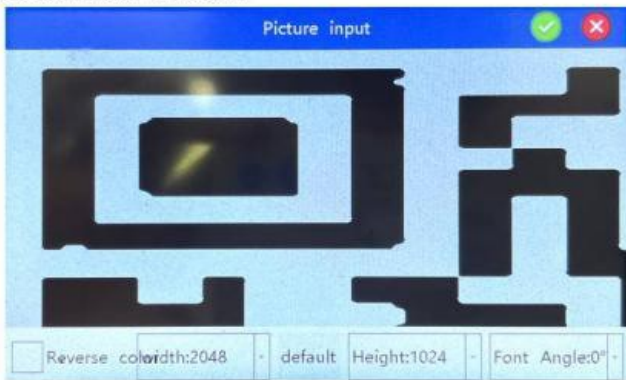
U Disk: Read the picture in the U disk and import it into the printer. It must be in BMP format, which can recognize pictures in Chinese and English and character names (only monochrome bitmaps).



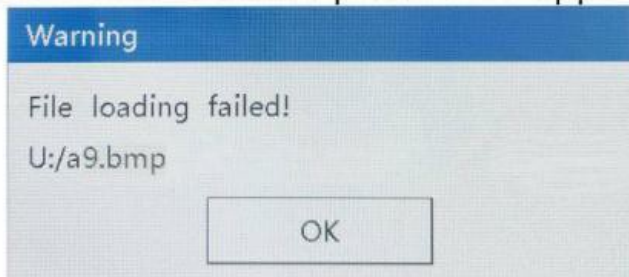
U disk read file

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. It is recommended to use double-head 290*1028 pixels.

Inverted color: the black part becomes white, and the white part becomes black.

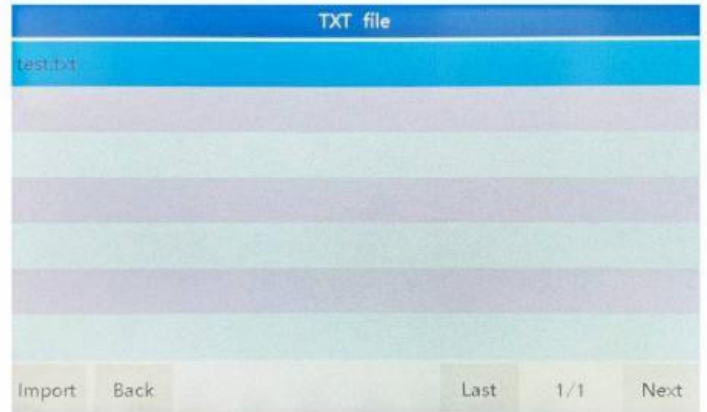


Do not pull out the USB flash drive during the printing process, otherwise the file will be missing and the warning shown in the above picture will appear.



8. TXT File

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

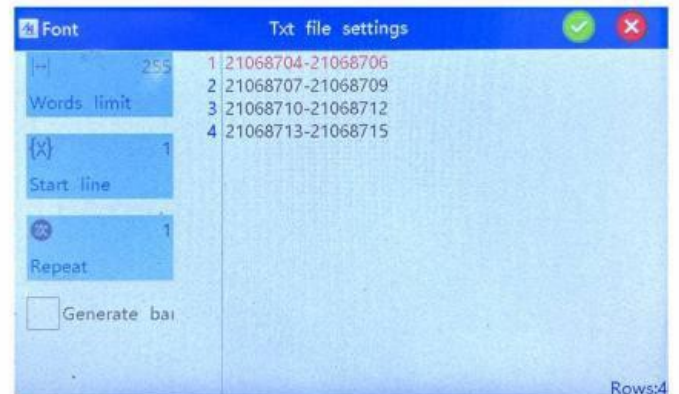


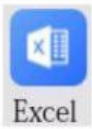
The right area will preview the content of the txt file, slide up in the blank area to preview the content below, the bottom right corner displays the total number of lines; each line is limited to 255 words.

Start line: select which line to start printing from;

Font setting: see "Page 7" for details;

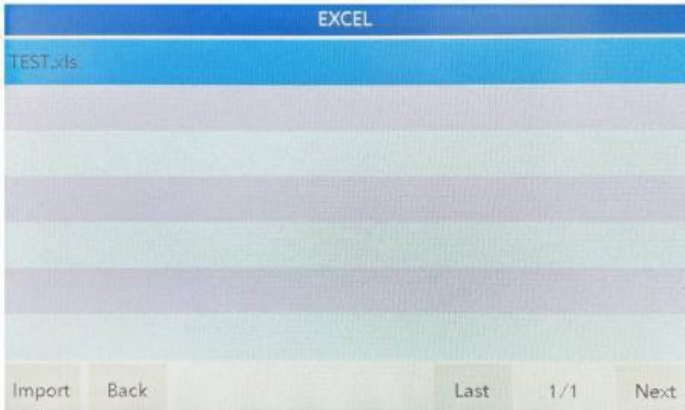
Generate barcode: After checking, the upper left corner becomes "graphic code setting". After selecting the corresponding barcode type, the printer will automatically generate and print the corresponding barcode according to the txt information. See "Page 9" for details





9.Excel

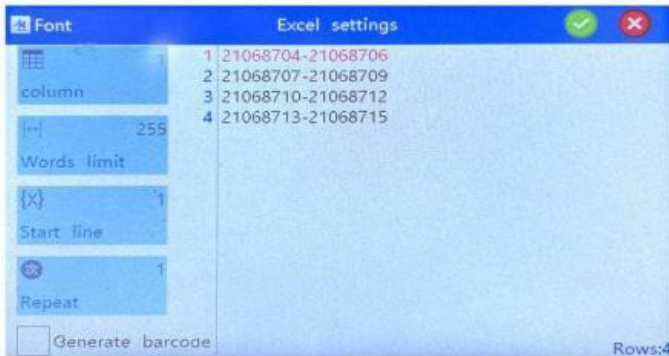
EXCEL file: read the U disk information, select the corresponding EXCEL file and click "Import". (Only for files in .xls format)



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;

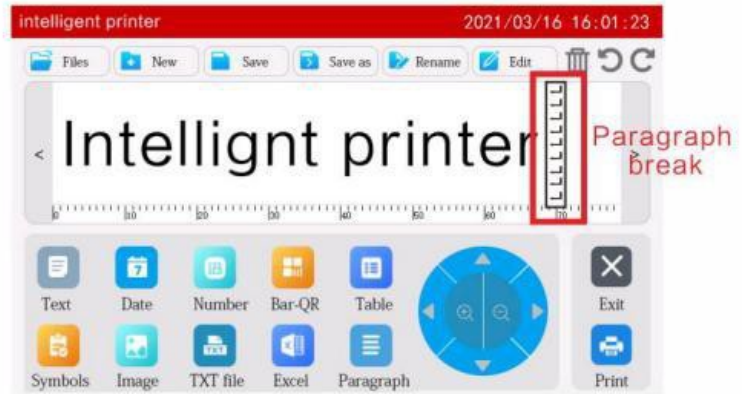
Column: Select a column to preview the information of the corresponding column;
Start line: select which line to start printing from;

Font setting: see "Page 7" for details;
Generate barcode: After checking, the upper left corner will become "graphic 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 9" for details.



9.Paragraph

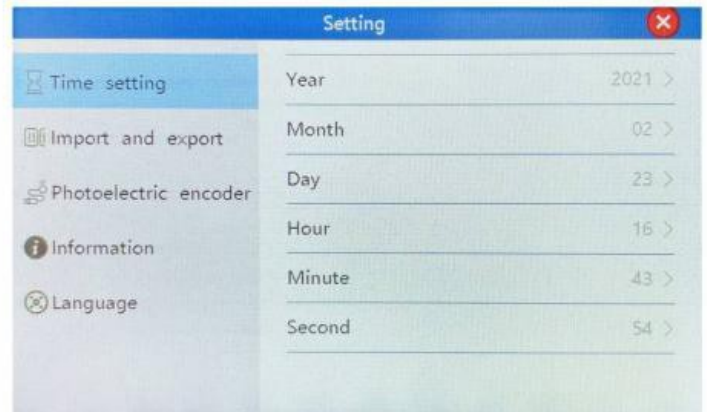
Click "Segment" to realize segment printing. A segment symbol will appear in the main edit box.



Setting

Time setting

You can set the system time, year, month, day, hour, minute, and second.



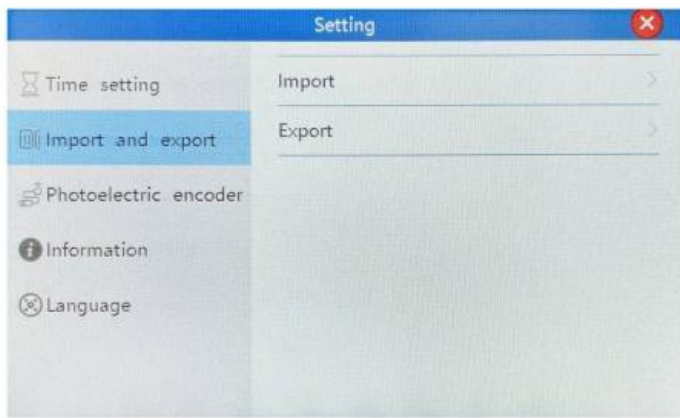
Record import and export

Record import: import printing information from u disk.

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

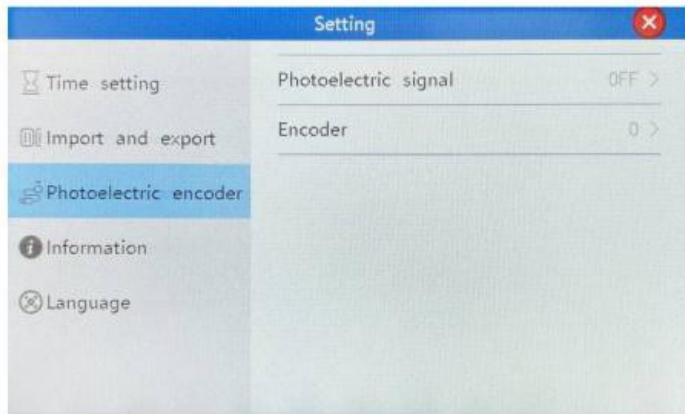
The imported file is shown in the figure below.





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.



System message

Restore factory settings: clear all information and parameters

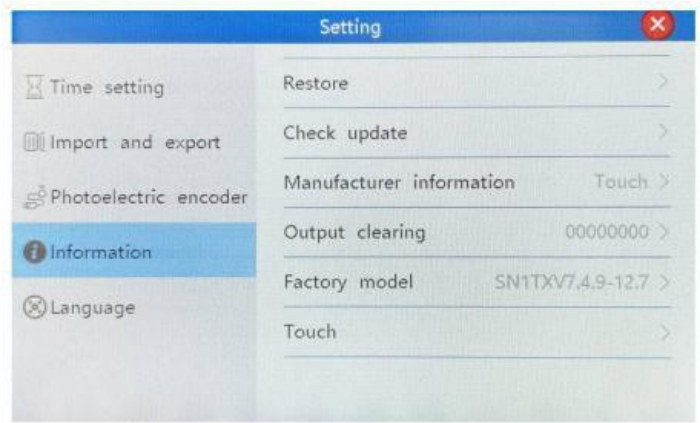
Check for updates: update the system version and contact factory engineers for use.

Manufacturer information: modify the name in the upper left corner of the main interface, and the characters should not be too long.

Output reset: clear the total output data

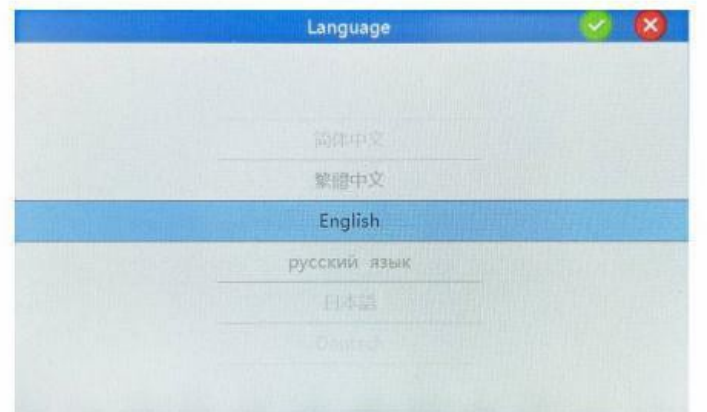
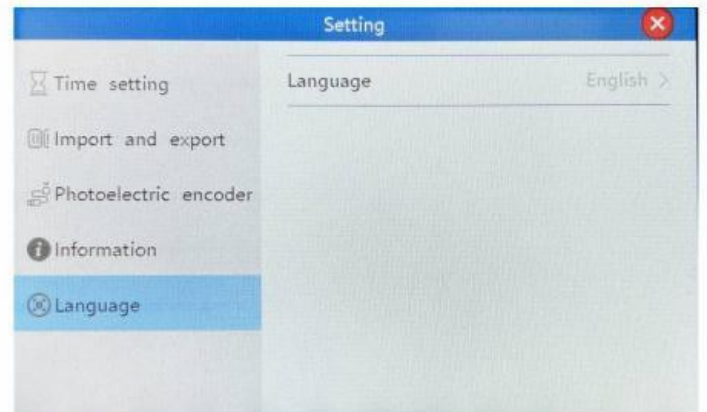
Factory mode: Contact factory engineers to use.

Touch screen calibration: Use when the display is not sensitive to touch. [Forced calibration method: press and hold the screen in shutdown state and then turn it on again until the calibration interface appears



Language selection

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

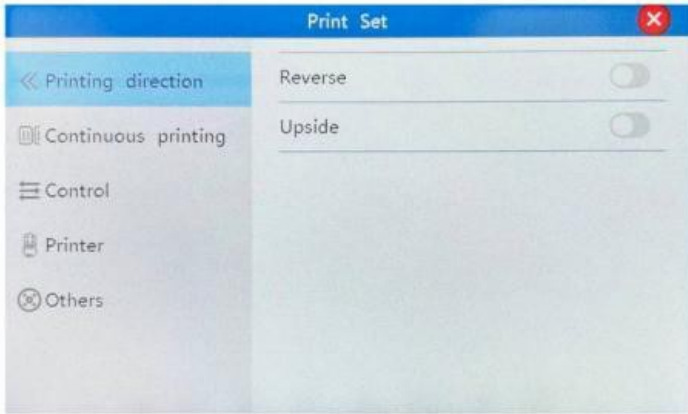




Print direction

Reverse printing: print the information from right to left

Flip up and down: flip the information vertically and print

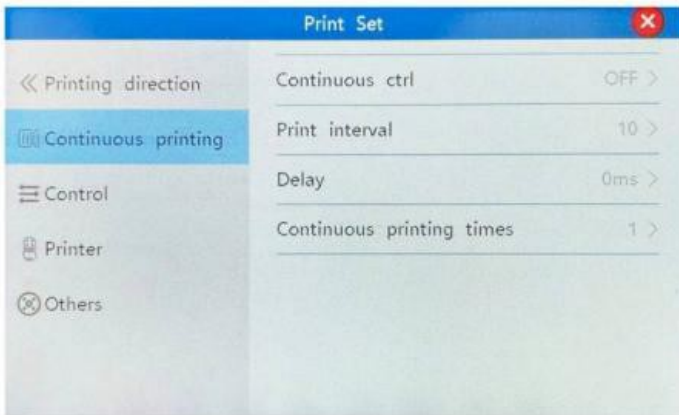


Photoelectric setting

Photoelectric switch: on, off

Printing delay: After the printing is triggered, the printing will be extended for a period of time

Photoelectric continuous printing times: use with continuous printing



Continuous printing control

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

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

Encoder: Automatically print a message every certain number of pulses, the number of interval pulses is set by the continuous printing interval. Continuous printing settings:

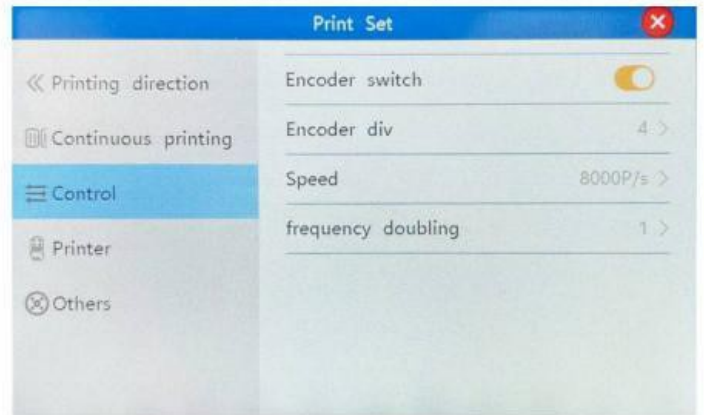
The automatic printing is controlled by the photoelectric sensor, and it is used with the three parameters of photoelectric delay, photoelectric continuous printing times, and continuous printing interval. Optoelectronics senses the object for the first time, then starts to delay, and then prints the first message after the delay. If the number of photoelectric continuous printing is greater than 1, then continue to print the second message after a certain interval, until the set number of times is printed and end a cycle, wait for the photoelectric to trigger the second time, and then start delaying again.

The number of photoelectric continuous printing is set to "4" Printing process:

Photoelectric trigger->delay->print->interval->print->interval->print->interval->print->end.

The number of photoelectric continuous printing is set to "1" Printing process:

Photoelectric trigger -> Delay -> Print -> End.



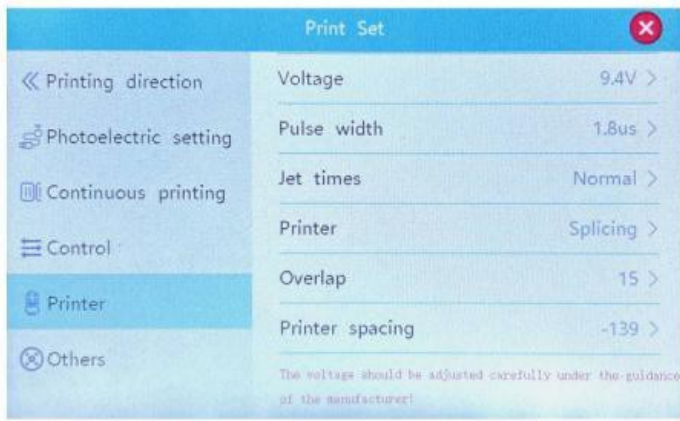
Synchronously

Encoder switch: on, off

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

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

Synchronous frequency multiplication: the larger the value, the longer the printed characters, but the number of printed columns will not change.



Print head setting

Voltage setting: Consult factory engineers and adjust carefully.

Pulse width setting: Consult factory engineers and adjust carefully.

Jet times: lighter, normal, bold 2-9 times, it is recommended to use the normal option, bolding will increase ink consumption.

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)

Double print head copy (print head 2 copies the content of print head 1)

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

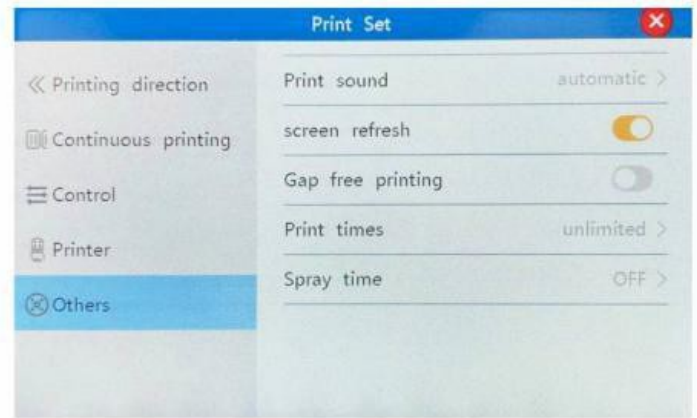
Nozzle spacing: ensure that nozzles 1 and 2 are aligned in the vertical direction

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.



Bold option



Other settings

Print sound: off, start only, finish only, start & finish, automatic (the manual printing mode will have a sound prompt at the beginning and end, and the sensor printing will only have a sound prompt at the beginning of printing, and no prompt at the end of printing)

Screen update: update the screen display content when printing

No gap printing mode: print the same content continuously

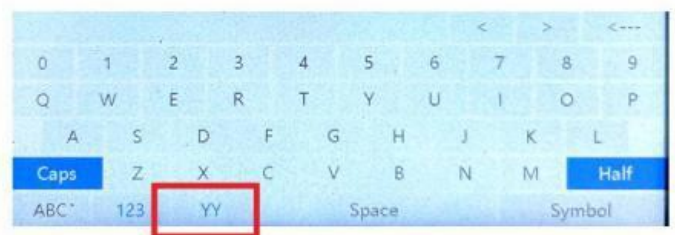
Number of prints: the number of times that the value indicates (do not change it at will)

Flash spray setting: the value represents milliseconds

Customize the expiration date Settings

Click "YY" and the following interface will appear.

Click "Validity Period" to customize the format



Installation effect drawing of the whole machine

Down printing

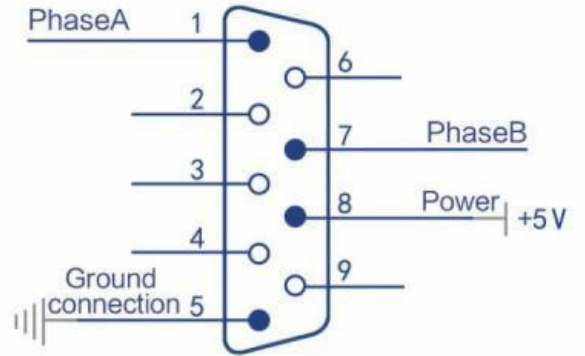


Printer on side

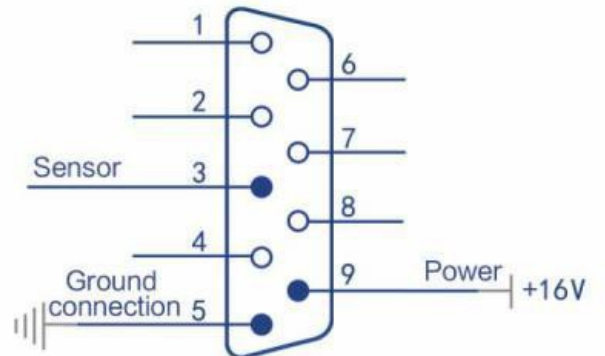


Touch Series DB9 pin wiring diagram

Synchronizer limit method



Photoelectric wiring limit method



Touch-W Accessories



Floor Stent(Additional cost)



Conveyor belt(Additional cost)



Custom stent(Additional cost)



Anti-collision(Additional cost)



Physical picture of fixed bracket
(including Sensor)



Encoder(Additional cost)



Trimming device(Additional cost)

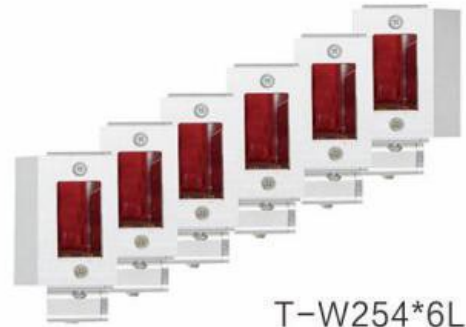
T-W Size Chart



T-W127



T-W254



T-W254*6L

