

MANUAL OPERATION

KINDLY TIP BEFORE USING:

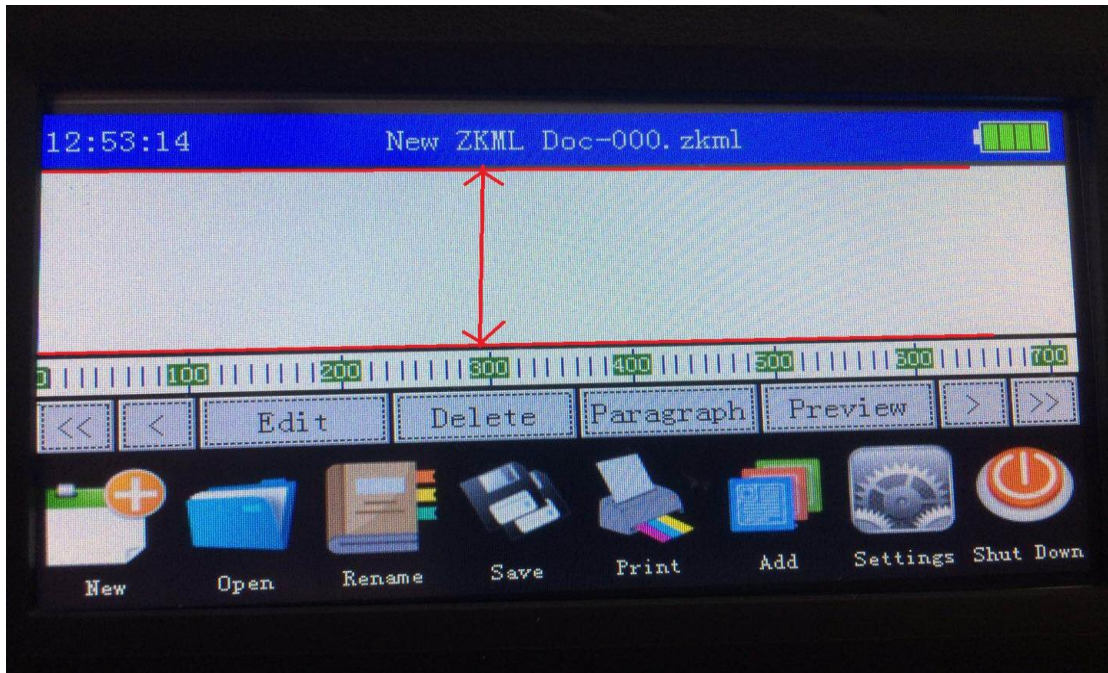
AT FIRST TIME, PRESS OPENING BUTTON, WAIT 5-10SECONDS THEN REPRESS BUTTON TO OPEN PRINTER.

PLEASE TAKE OUT CARTRIDGE WHEN CHARGING ON PRINTER

PLEASE DO NOT USE PETROL OR OTHER CHEMICAL LIQUID TO CLEAN SPRAY HEAD OF CARTRIDGE

IF DO NOT USE CARTRIDGE, TAKE IT OUT OF PRINTER AND PUT PLASTIC COVER BACK

1. INTRODUCTION OF PRINTER MAIN MENU



INTRODUCTION OF MAIN MENU:

NEW: TO CREATE NEW FILE

OPEN: TO OPEN FILE SAVED ON PRINTER OR USB

RENAME: RENAME THE FILE

SAVE: TO SAVE THE FILE AFTER EDITING

PRINT: TO START AND WAIT FOR PRINTING(See the last page how to print by hand correctly)

ADD: TO ADD PRINTING INFORMATION(TEXT, NUMBER, CODE, COUNT NO. or LOGO etc.) UNDER THE PRESENT FILE NAME(DETAILS ON PAGE 2-6)

SETTING: SYSTEM SETTING, PRINTING SETTING, NOZZLE SETTING, LANGUAGE SWITCH, SCREEN CALIBRATION ETC. (DETAILS ON PAGE 7-9)

SHUT DOWN: TURN OFF PRINTER

EDIT: TO EDIT PRINTING INFORMATION WHAT YOU ADDED

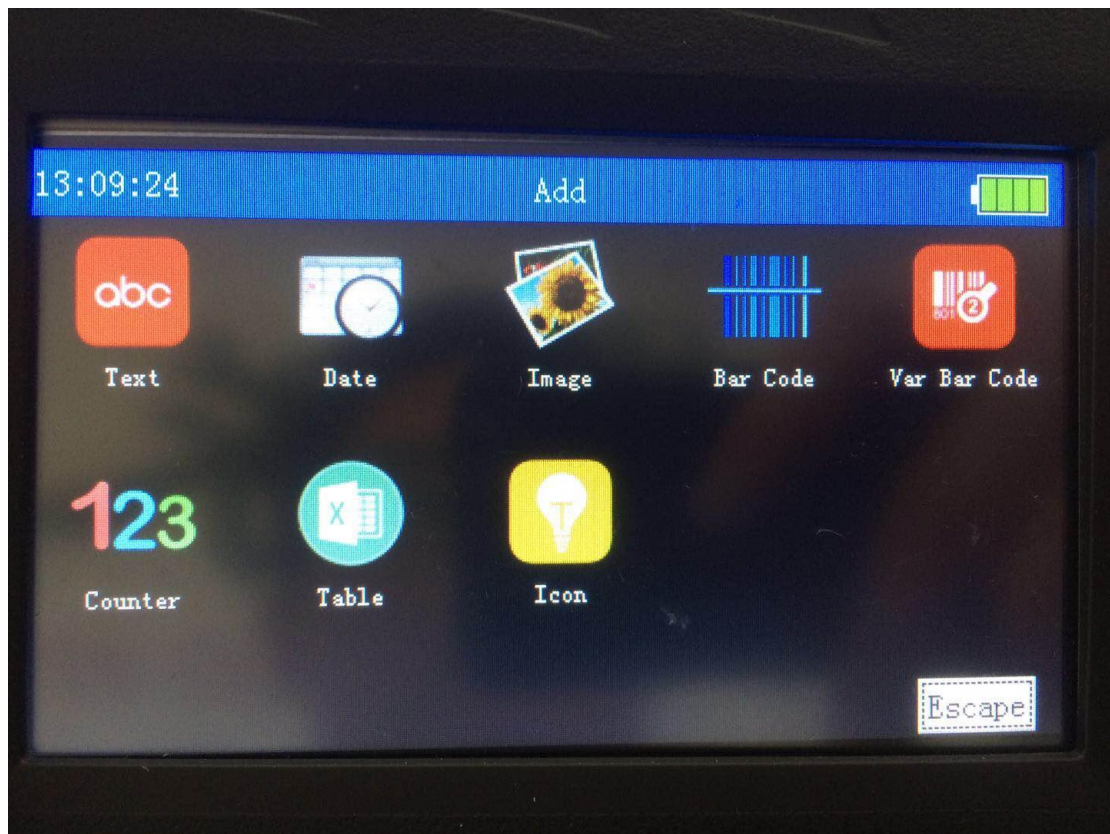
(Please kindly notice that the information height must be within the height of screen, otherwise the printing will not be completely) SEE RED MARK ON ABOVE PHOTO

DELETE: TO DELETE THE INFORMATION WHAT YOU ADD ON SCREEN

PARAGRAPH: TO EDIT GROUP FILES. (SEE THE LAST PAGE)

PREVIEW: TO PREVIEW THE WHOLE FILE WHICH YOU ADD AND EDIT

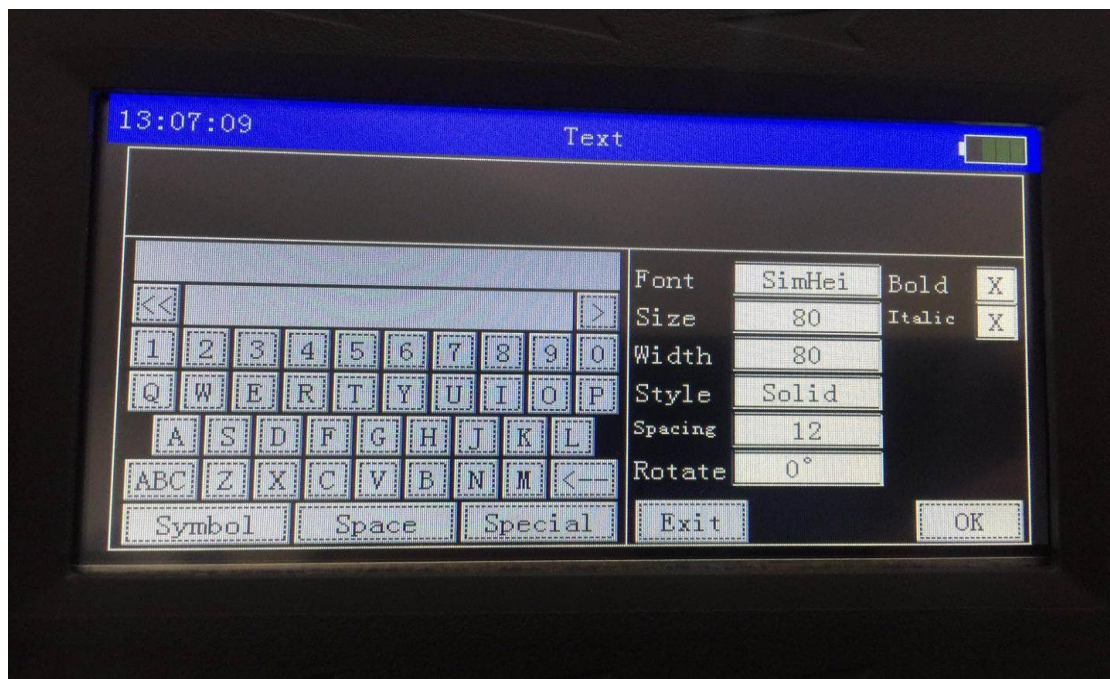
2. EDITION OF PRINTER



IN LAST CHAPTER, YOU CAN SEE "ADD" ON MAIN MENU, CLICK IT AND ENTER INTO THIS MENU

1) TEXT

CLICK "TEXT" and ENTER INTO THE NEXT MENU AS FOLLOWING PHOTO:

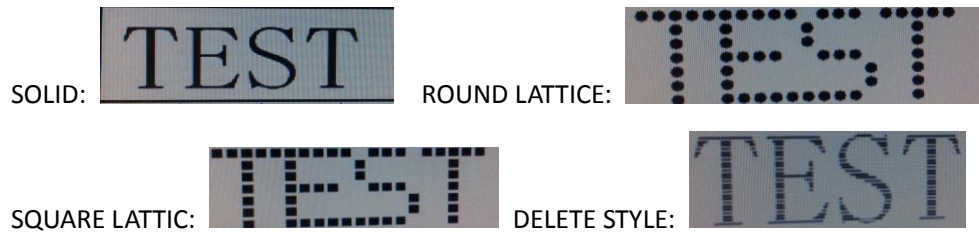


FONT: TO CHOOSE FAVORITE FONT TYPE

SIZE: TO ADJUST FAVORITE HEIGHT OF TEXT(WIDTH WILL CHANGE ACCORDINGLY)

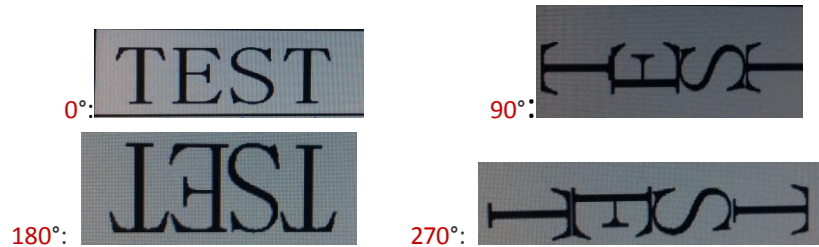
WIDTH: CAN ADJUST CHARACTER WIDTH ALONE

STYLE: TO CHOOSE FAVORITE FONT STYLE(SOLID OR DOT MATRIX),SEE BELOW:



SPACING: TO AJUST THE GAP OF EACH CHARACTER OF TEXT

ROTATE: TO ROTATE THE TEXT AS FOLLOWING

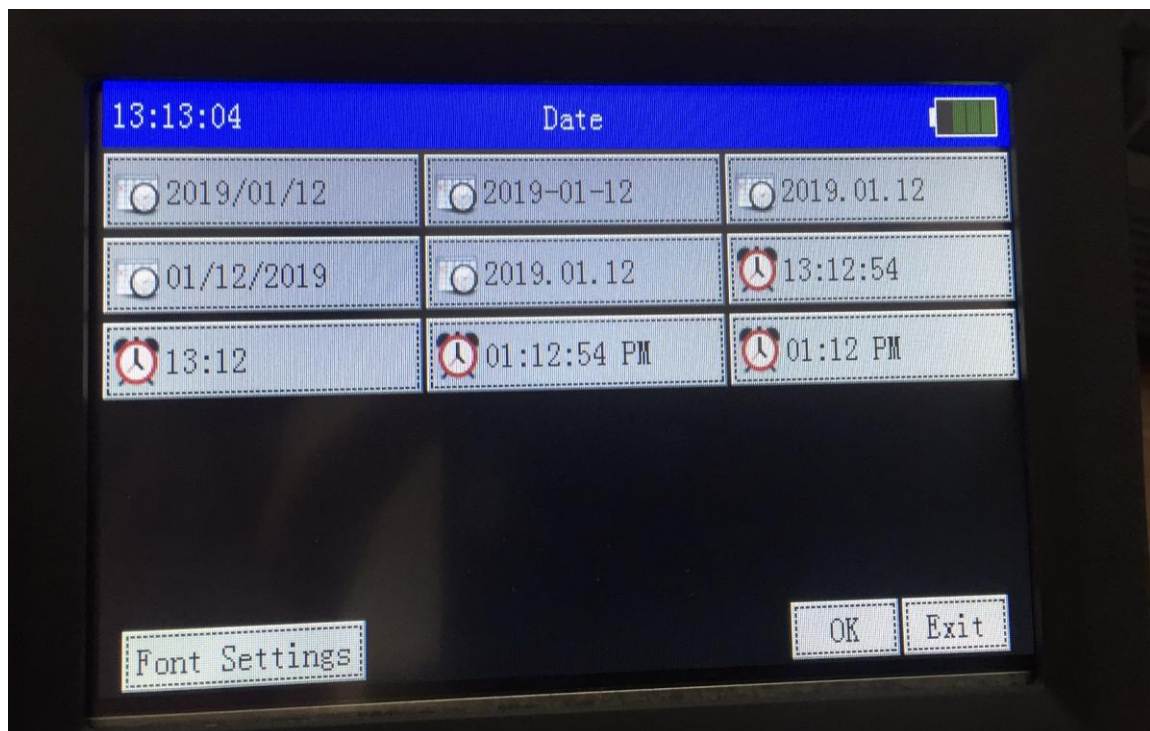


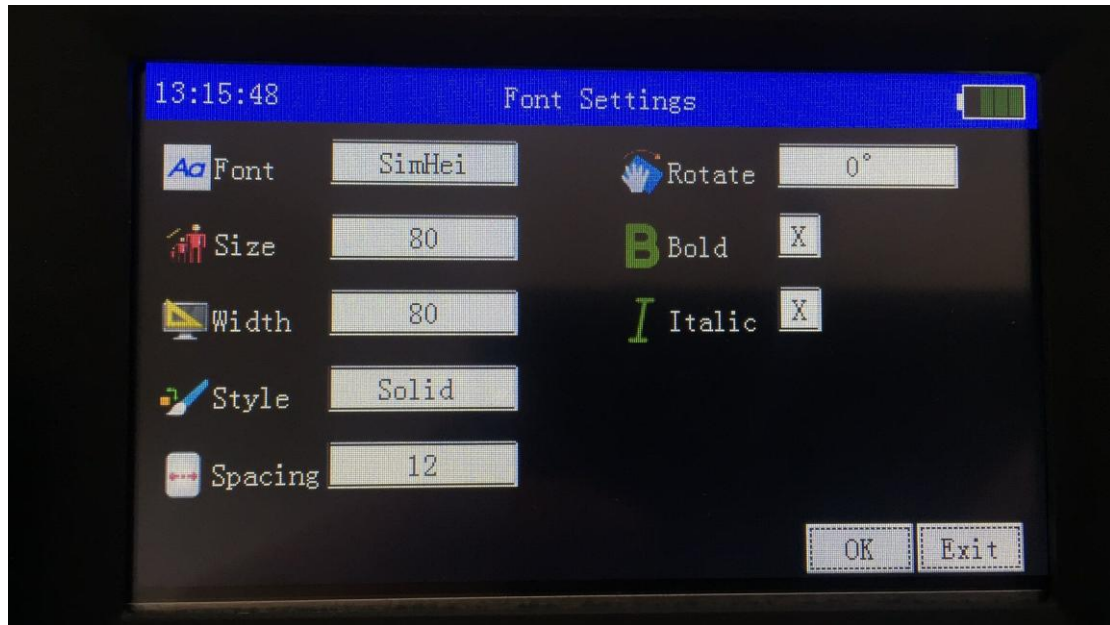
BOLD: CLICK IT TO MAKE TEXT BOLD STYLE

ITALIC: CLICK IT TO MAKE TEXT ITALIC STYLE

2) DATE

CLICK"DATE" and ENTER INTO THE NEXT MENU AS FOLLOWING PHOTO:





TO CHOOSE DATE TYPE AND SET FONT SETTING THE SAME AS "TEXT"

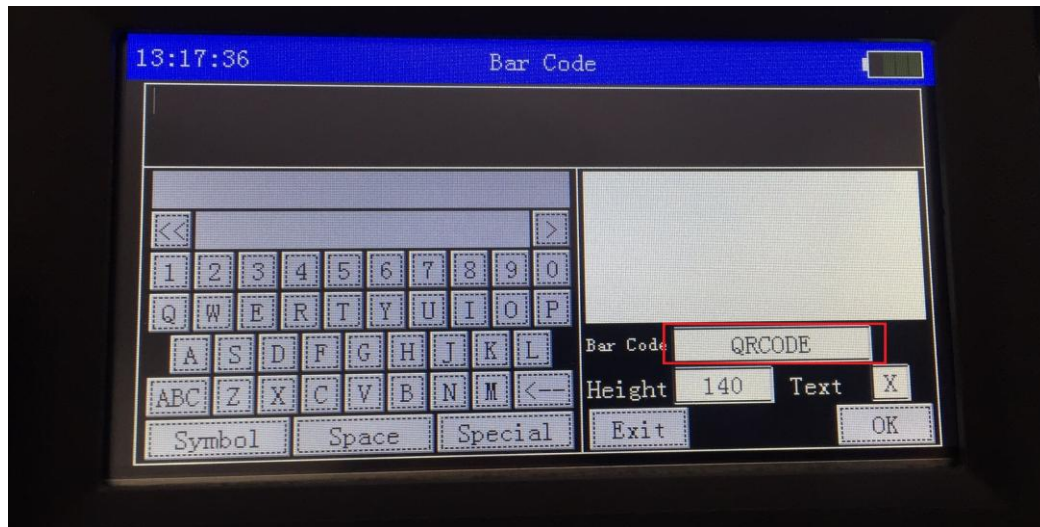
3) IMAGE

IF NEED TO PRINT LOGO OR PICTURE, FIRST CONVERT THE FILE FORMAT TO "MONOCHROME BITMAP" and SAVE on USB, then insert on printer, click "image" to load and choose the file.

The max. height of logo or picture in "Microsoft paint tool" should be 165-170 on vertical pixel as below photo:



4) CODE(BAR CODE, QR CODE, DM CODE)



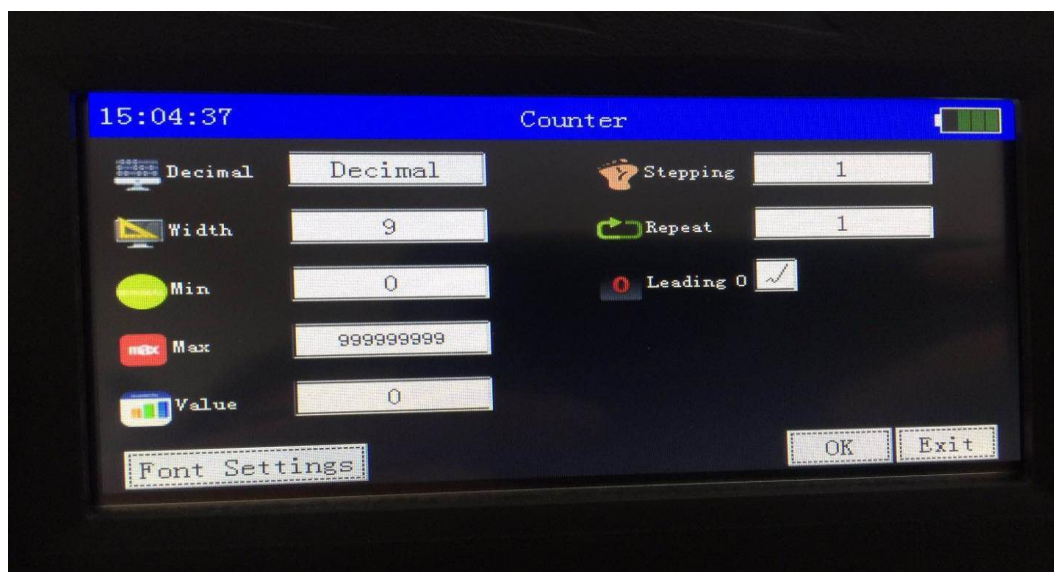
CLICK "Bar code" TO CHOOSE NEEDED CODE TYPE, INPUT CODE INFORMATION, AND THEN ADJUST SUITABLE HEIGHT OF CODE

5) VARIABLE CODE

TO EDIT VARIABLE QR CODE

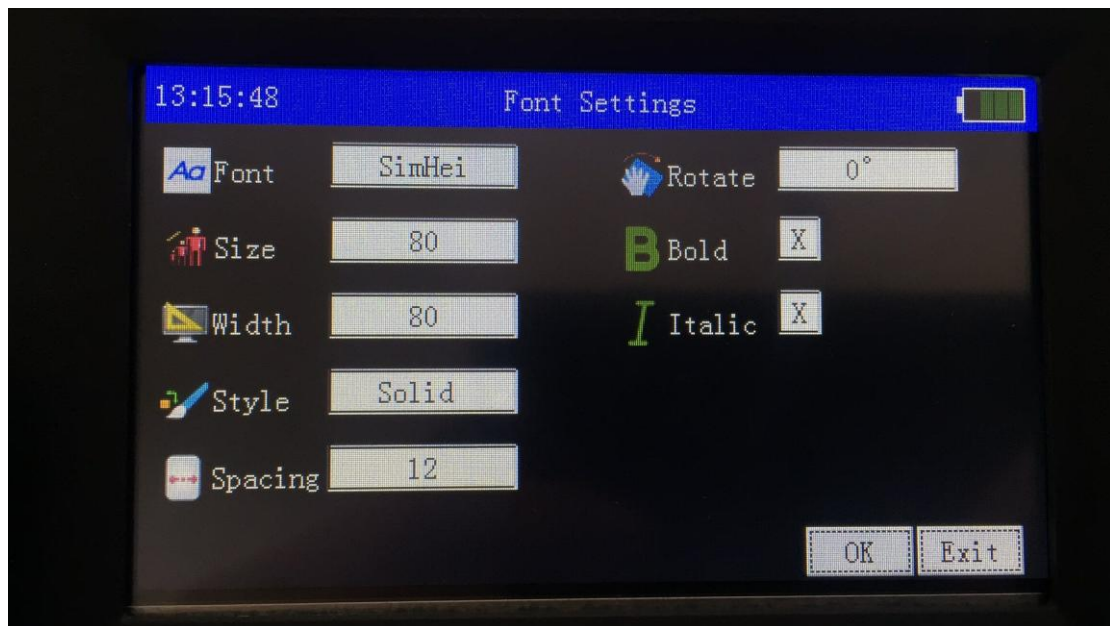
6) COUNTER

Click "Counter" enter into the below photo:



Choose needed number type, and set others parameters you want.

Font setting is the same as “TEXT”



7) Table

To load Excel file “CSV” table format or TXT file(UTF-8 CODE) from USB to printer.

CSV file: Single Column, Multi-rows. Characters in one row cannot be more than 256 characters. The total characters of CSV cannot be more than 8K.

P.S: Printer screen only show the first row

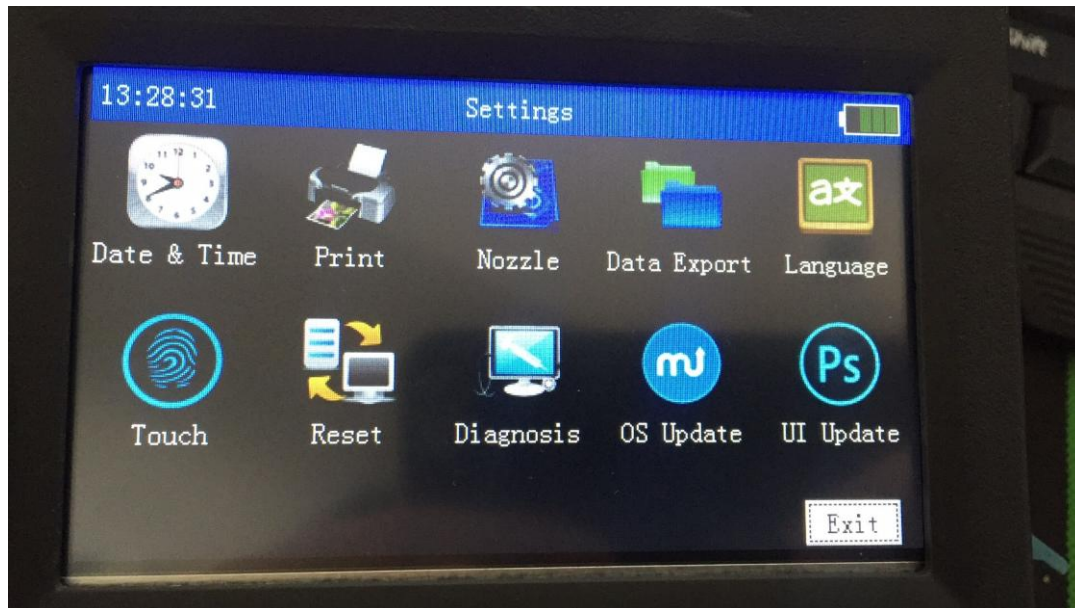
TXT: The total characters in one file cannot be more than 8K

P.S: Printer screen only show the first sentence

8) Icon: Some logos saved in printer for your option

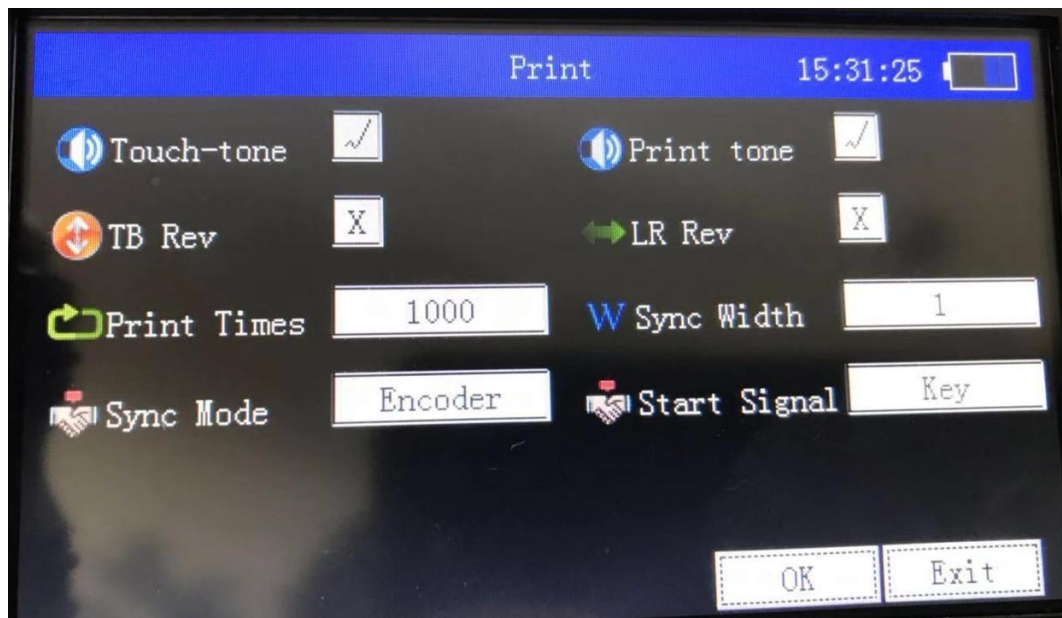
3. SETTING

Click "setting" on main menu, enter into the below picture:

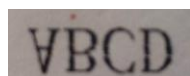


Date&Time setting: To set system time on printer

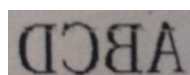
Print setting:



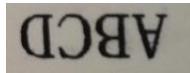
TB Rev: if click it, for example: input "ABCD" on printer, the effect as this:



LR Rev: if click it, for example: input "ABCD" on printer, the effect as this:



If click TB and LR both, for example: input "ABCD" on printer, the effect as this:



Print times: The total times that can be printed under the current file.

For example: If set 10, it means the current printing file can repeat for printing 10 times

1) Hand print Setting

Sync Mode: Encoder

Start Signal: Key

2) Online print setting

Print speed: When online printing, adjust speed to fit conveyor speed. Conveyor speed is too fast, character will be too narrow. Then need to make the number bigger.

A type: Sync Mode: Timer

Start signal: Light(Printer need to connect Sensor)

Light delay: 0.0s means no delay, 1s mean print 1second delay when senses object(Normally 0.2-0.5s)

B type: Sync Mode: Encoder

Start signal: Distance(No need to connect sensor)

means how long printer can print one time(special on pipe or similar)

Dis in points: 50 is about 0.5cm, 100 is about 1cm.....(Test data may have a little discrepancies)

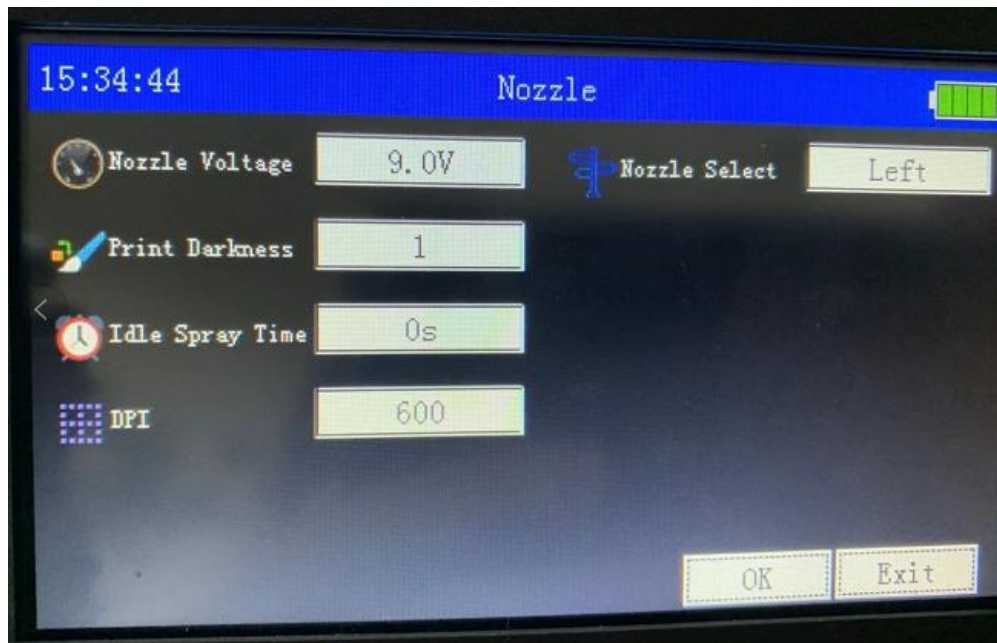
C type: Sync Model:Encoder

Start signal: Timer(No need to connect sensor)

means how long time can print between two times printing

Timer: 1.0s, means 1 second between two times printing

Nozzle setting:



DPI: 300,400,600DPI for option(The bigger number, the clearer printing)

Nozzle voltage: 9.5V or 10V normal

Idle Flash spray: 0S (Original setting, don't change generally)


Nozzle select: Left or right

OTHERS IN SETTING:

Data export: To back-up files on USB which saved on printer.

Language: Choose language on menu and typewriting

Touch Calibration: Screen calibration, when click it, screen will show

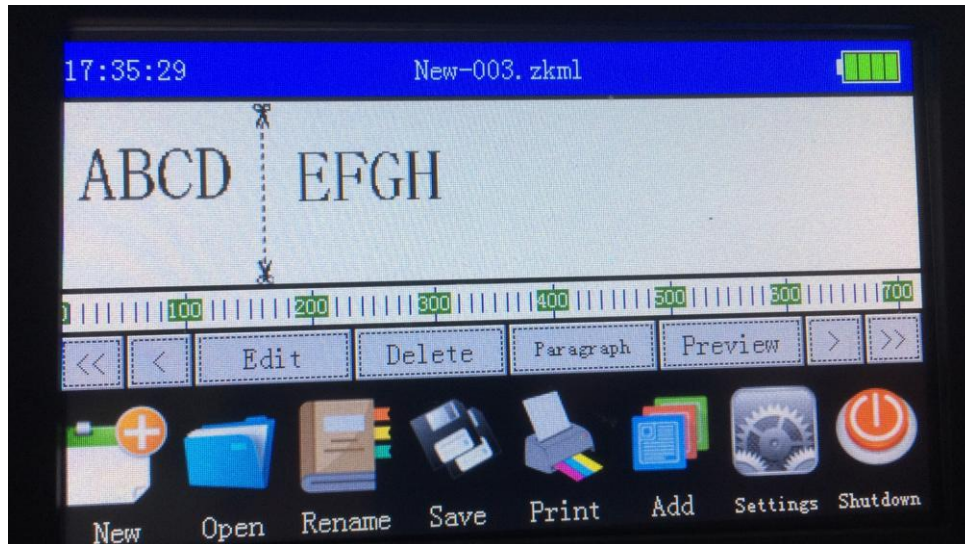
a small cross , click the center of cross where it appears, then calibration finish.

Restore factory: Delete all saved file and reload printer system

Trouble shooting,system upgrade and UI upgrade: No need to care

ABOUT PARAGRAPH:

For example: Edit "ABCD" first, then click "Paragraph", then add "EFGH", you will see as the below photo:



The first time printing will show "ABCD", the second time printing will show "EFGH". Then repeat.

HOW TO DO HAND PRINT AFTER EDITION?

- 1). CLICK "PRINT", PRESS RED BUTTON, RELEASE, THEN ROLL PRINTER ON SURFACE OF OBJECT.
- 2). PRESS RED BUTTON, THEN PRESS RED BUTTON AGAIN, RELEASE AND ROLL ON SURFACE OF OBJECT