HX

Software specification

contents

1. Software description

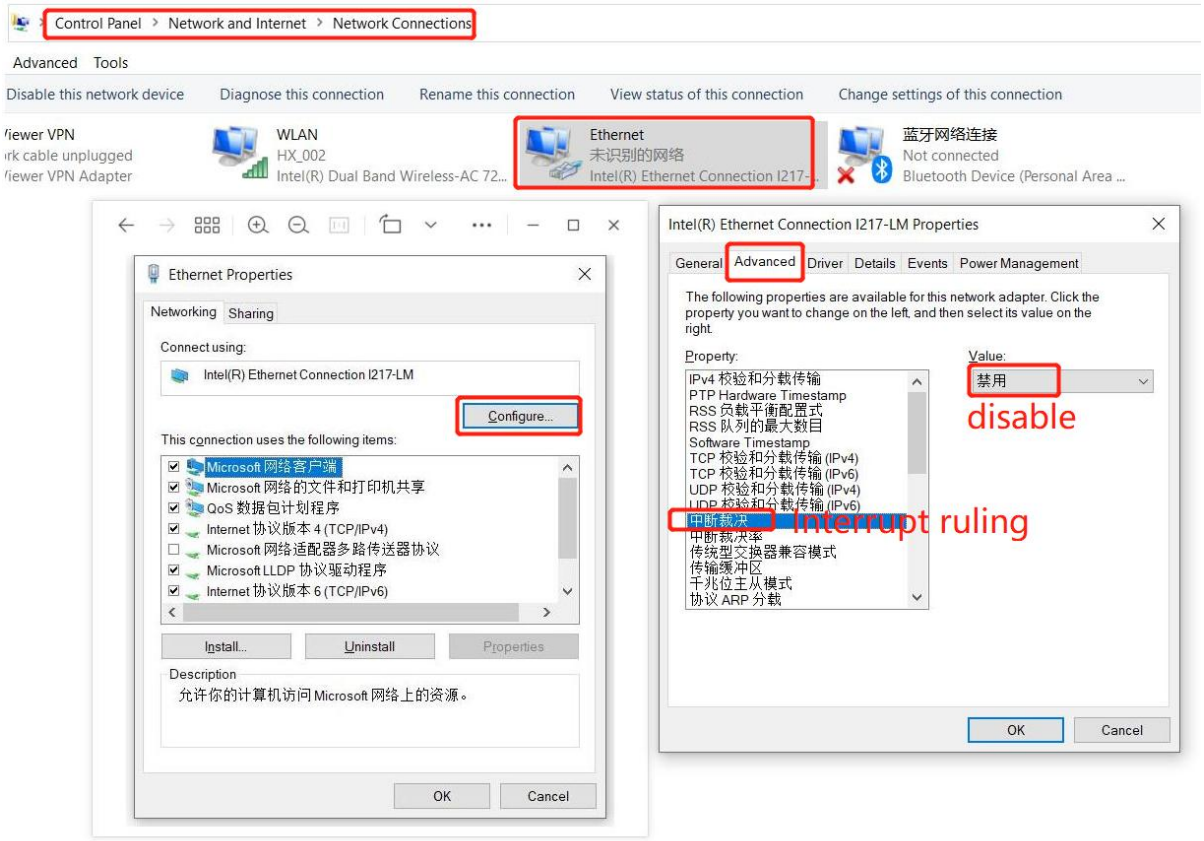
（1）This printing software is a printer control software created by Huixin Technology.Control the printer inkjet and operation.Simplicity of operator,popular and easy to understand. It is mainly used in the printing of various pictures，Such as: PNG, TIF, PDF and other formats of picture printing.

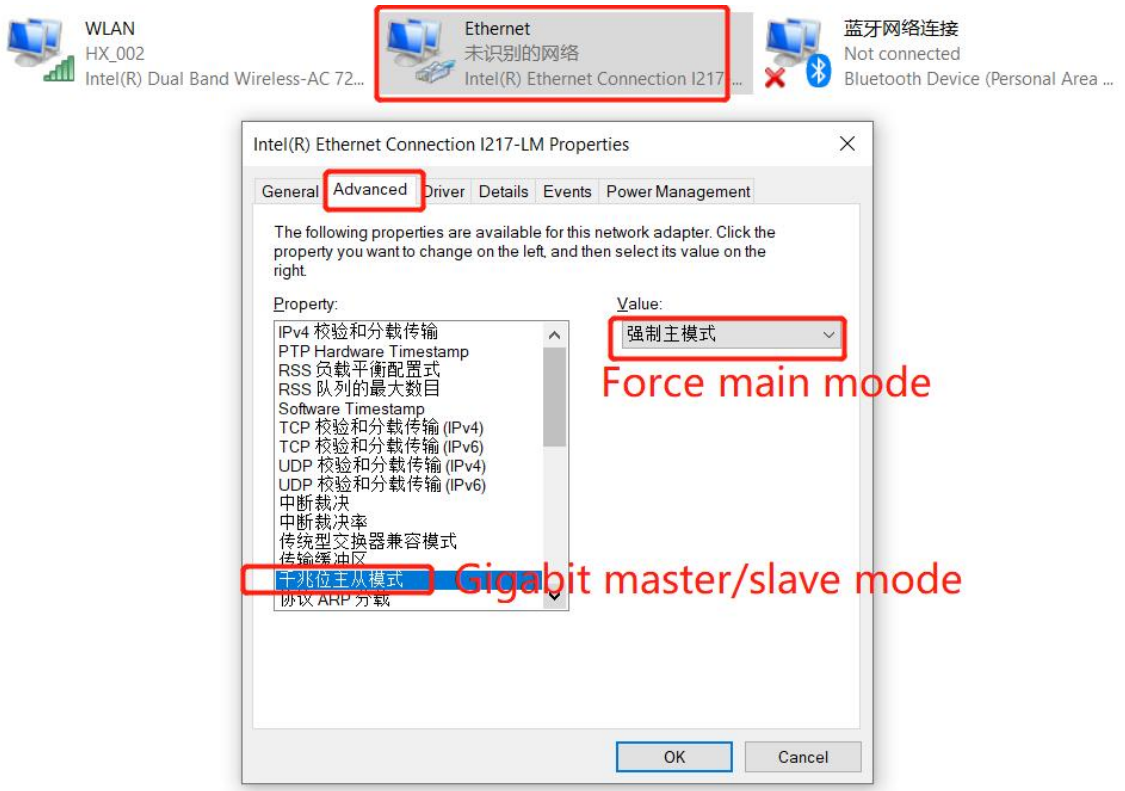
（2）Once the machine has been initialized.We can complete the printing and other operations through this software.Basic use can be understood through the subsequent menu bar.

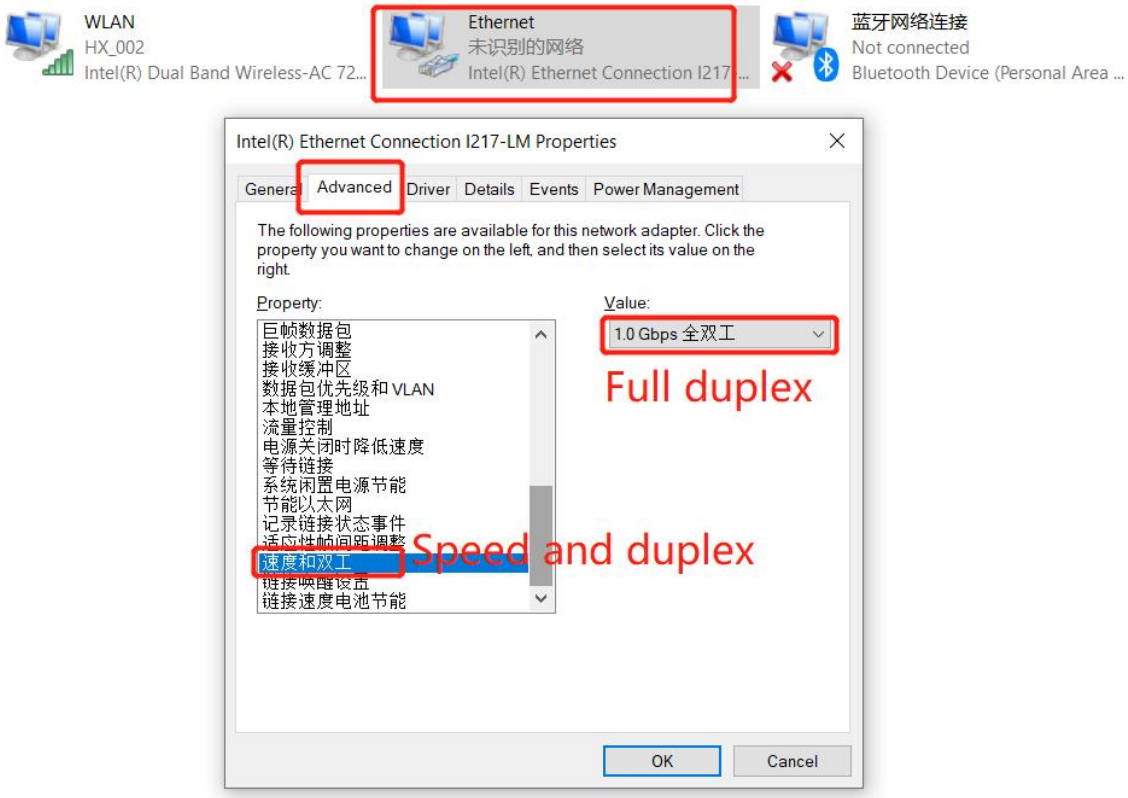
1.1. Computer system and online

Applicable to win7,10,11 systems.Net port version needs the computer network card for gigabit network.The 100 megabit network cannot connect to the motherboard.

Computer network card is confirmed to be a gigabit network card,Recommended Computer Settings,as following picture shows,Local connection for win7 system.




WLAN
HX_002
Intel(R) Dual Band Wireless-AC 72...
Ethernet
未识别的网络
Intel(R) Ethernet Connection I217 ...
蓝牙网络连接
Not connected
Bluetooth Device (Personal Area ...
Intel(R) Ethernet Connection I217-LM Properties
General
Advanced
Driver
Details
Events
Power Management
The following properties are available for this network adapter. Click the property you want to change on the left, and then select its value on the right.
Property:
IPv4 校验和分载传输
PTP Hardware Timestamp
RSS 负载平衡配置式
RSS 队列的最大数目
Software Timestamp
TCP 校验和分载传输 (IPv4)
TCP 校验和分载传输 (IPv6)
UDP 校验和分载传输 (IPv4)
UDP 校验和分载传输 (IPv6)
中断裁决
中断裁决率
传统型交换器兼容模式
传输缓冲区
千兆位主从模式
协议 ARP 分载
Value:
强制主模式
Force main mode
Gigabit master/slave mode
OK
Cancel


WLAN
HX_002
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未识别的网络
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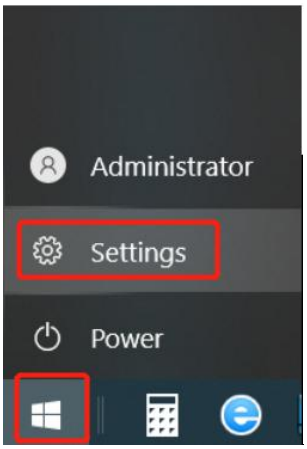
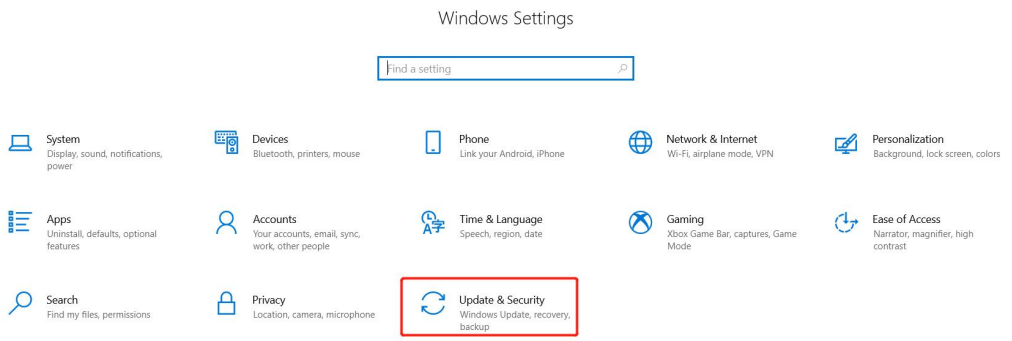
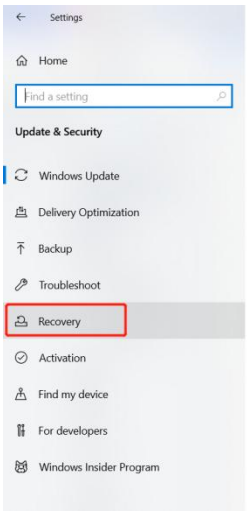
Intel(R) Ethernet Connection I217-LM Properties
Advanced
Driver
Details
Events
Power Management
The following properties are available for this network adapter. Click the property you want to change on the left, and then select its value on the right.
Property:
巨帧数据包
接收方调整
接收缓冲区
数据包优先级和 VLAN
本地管理地址
流量控制
电源关闭时降低速度
等待链接
系统闲置电源节能
节能以太网
记录链接状态事件
速度和双工
链接速度电池节能
Value:
1.0 Gbps 全双工
Full duplex
Speed and duplex
OK
Cancel

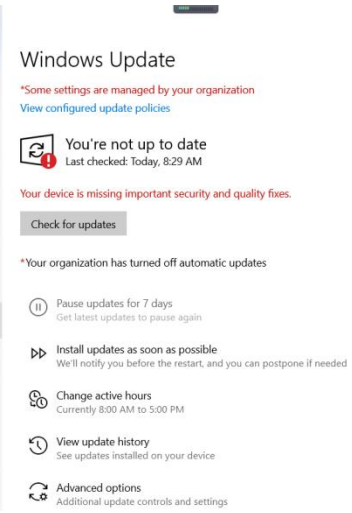
1.2. Disable the driver signature enforcement

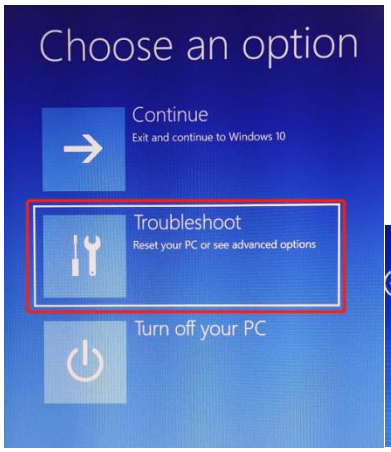
If you can't get online,Some Win10 computers need to disable the driver signature enforcement,as following picture shows,Left to right-Top to bottom order,Can be repeated several times.

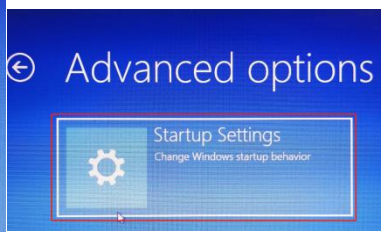


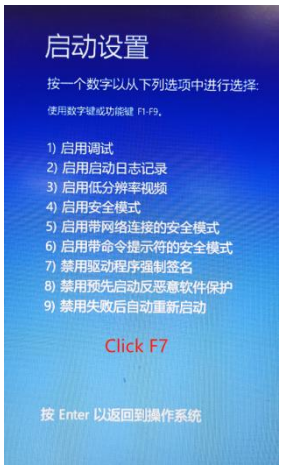










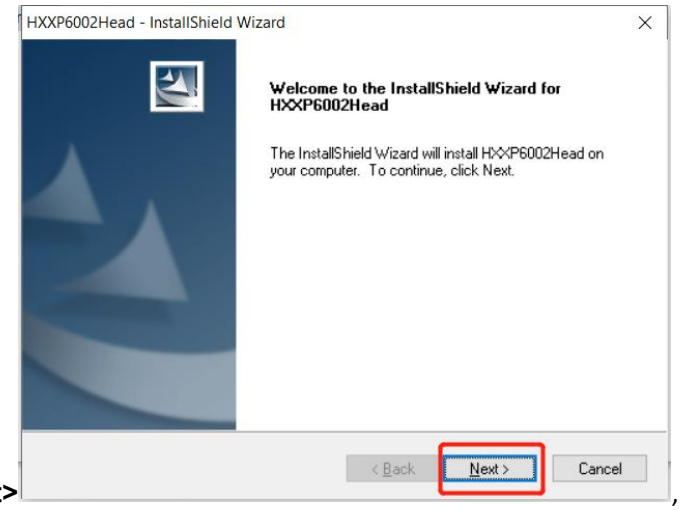


1.3. software installation

Double-click on the installer 

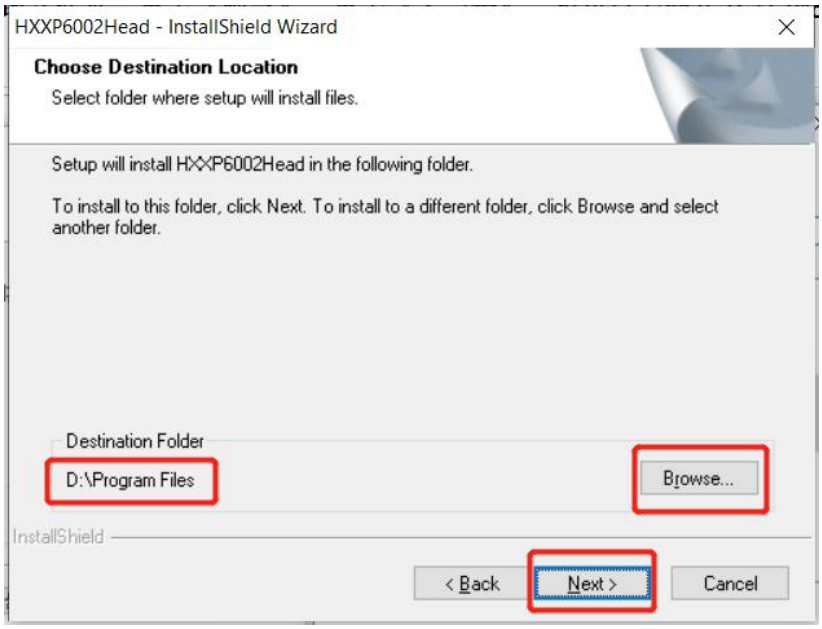
，Select an installation language 

，Click OK，Wait for the process...

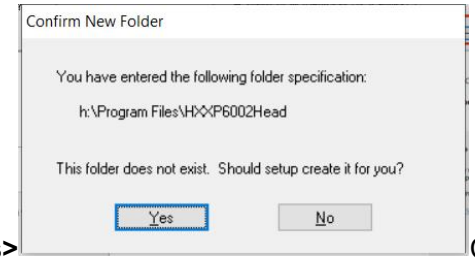
Click **<Next>** 

,

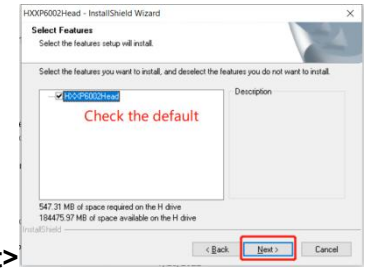
Click **<Browse>** to select the installation destination folder,Click **<OK>,**Click **<Next>**,It can also be installed in the Program Files folder on drive D,Go straight **to <Next>**.



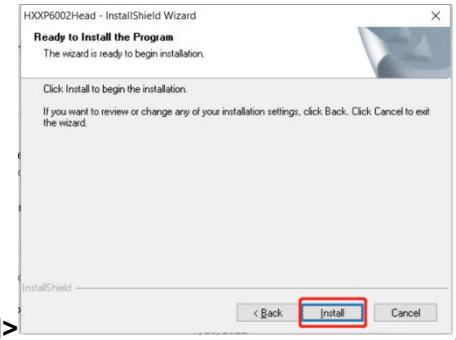
Click**<Yes>**



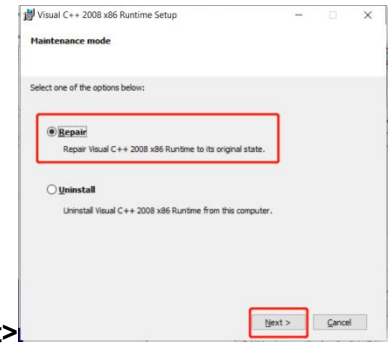
Click**<Next>**



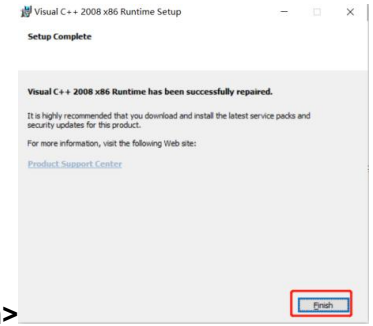
Click**<Install>**



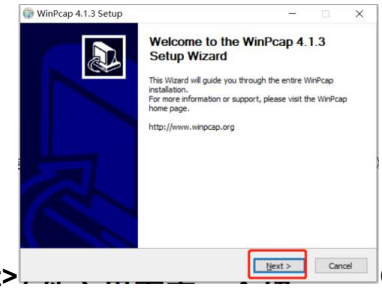
,Click **<Next>**



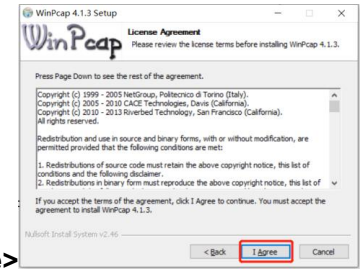
Click**<Finish>**



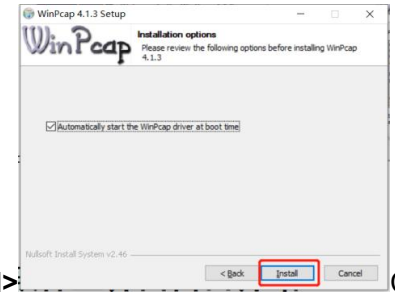
Click**<Next>**



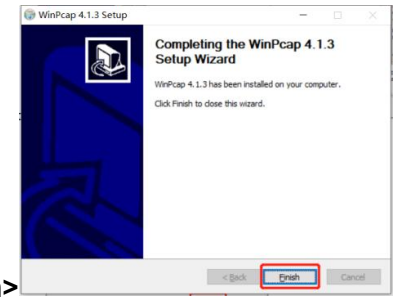
Click**<I Agree>**



Click**<Install>**

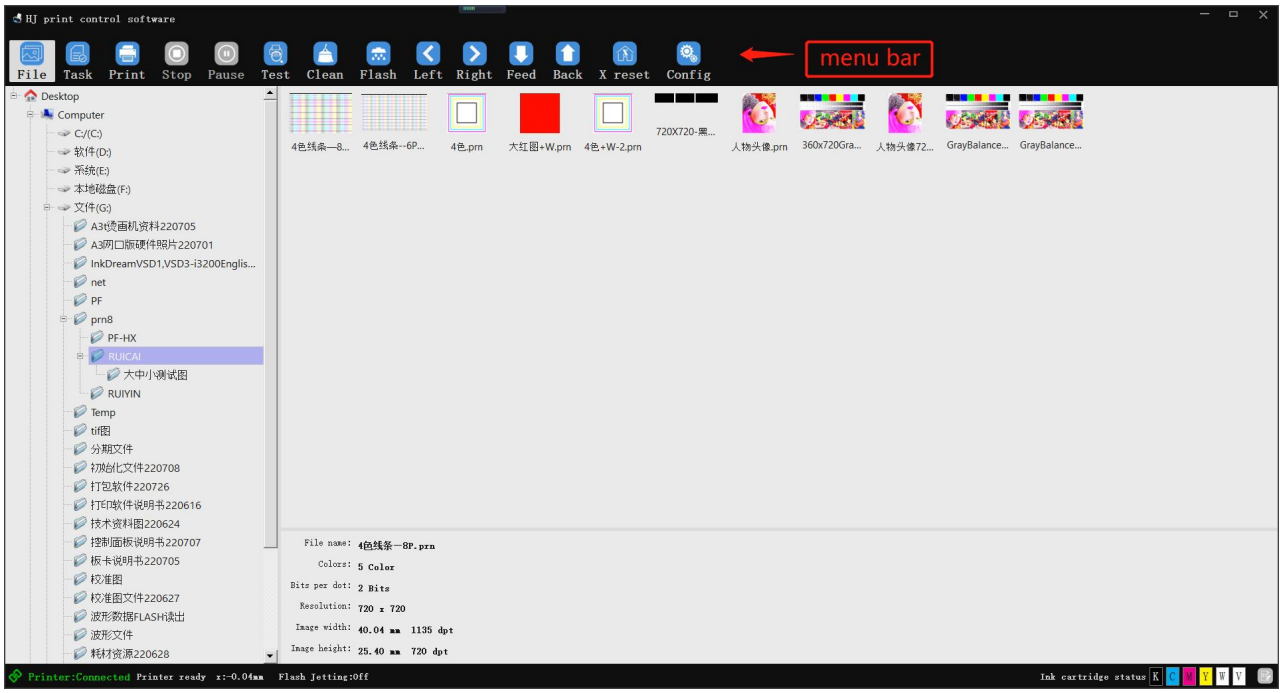


Click**<Finish>**



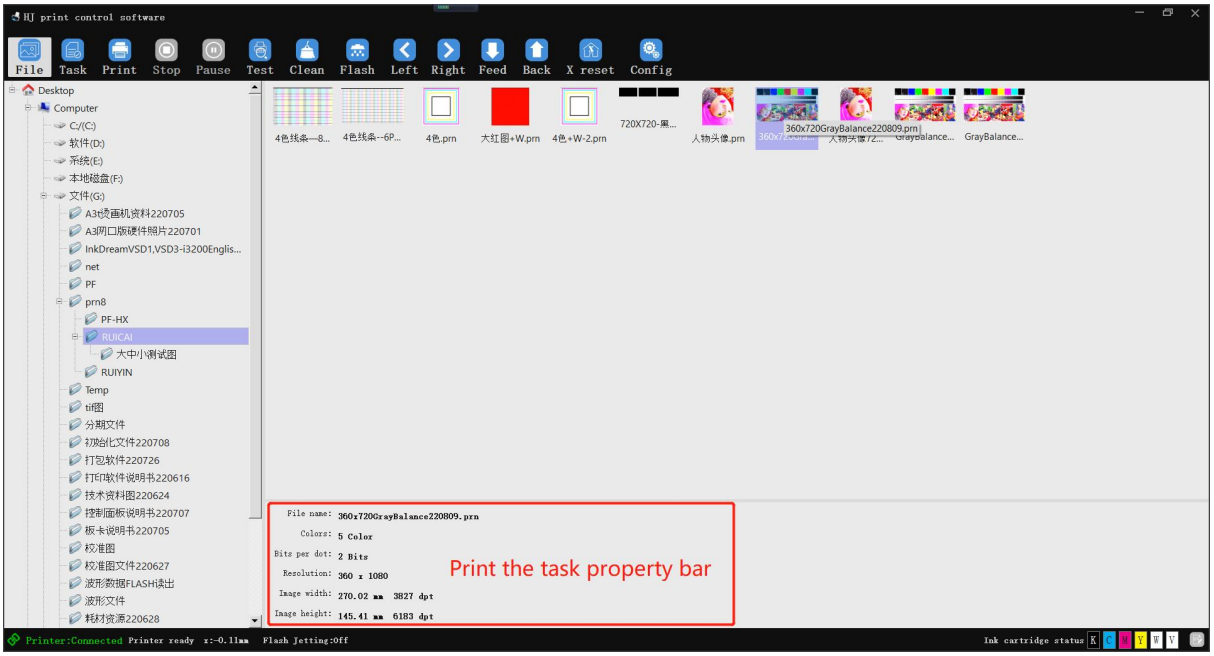
Software installation complete，You can double-click the shortcut icon generated on the desktop or Double-click the icon in the installation folder to open the software .

2. Software main interface window



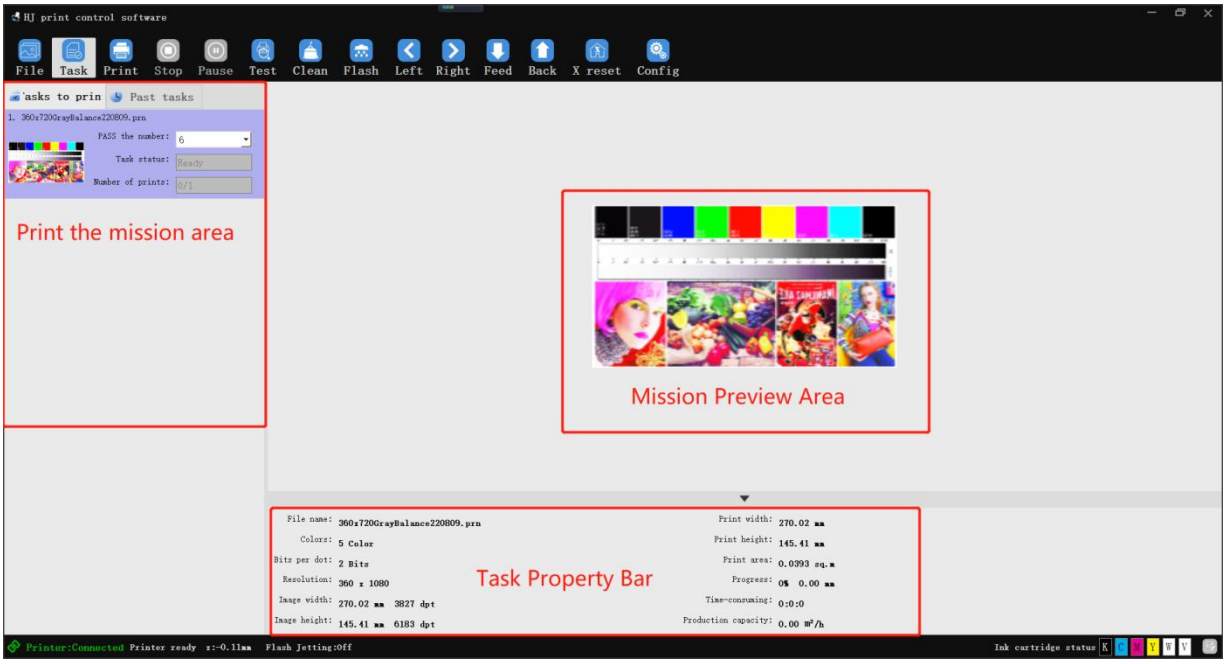
2.1. File

Double-click in the specified directory to select the PRN or PRT file that you want to print,as following picture shows,You can view the selected task information in the print task property bar.



2.2. Task

View or execute image parameters that need to be printed,as following picture shows.



2.2.1. Mission Preview Area

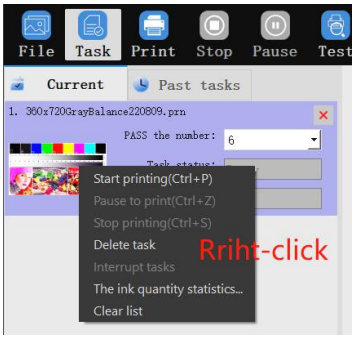
Displays the selected task and the printing task

2.2.2. Print the mission area

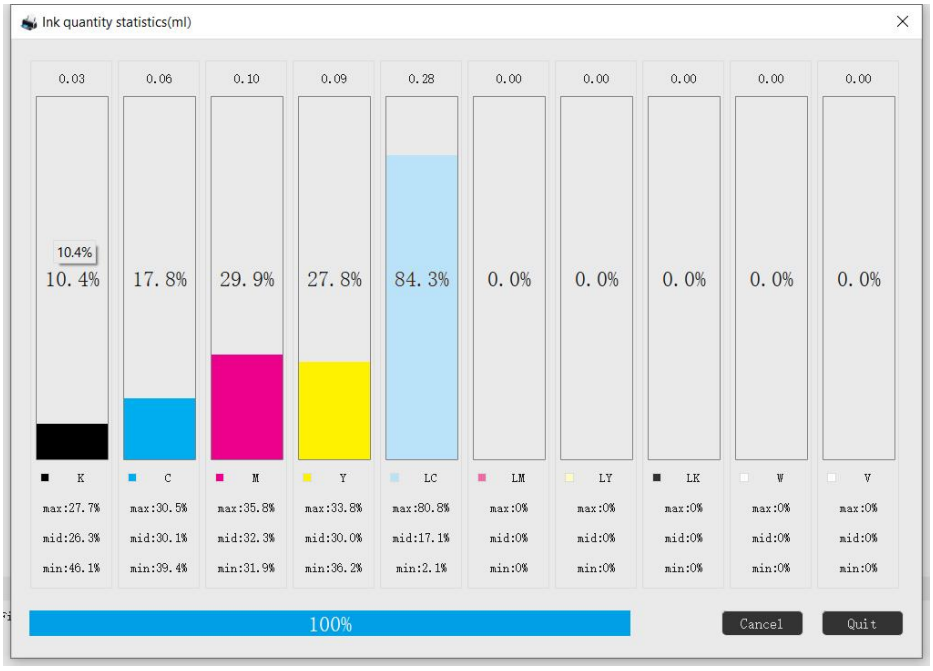
2.2.2.1. Current

PASS the number：Select the < PASS the number > to print
Task status：Observe whether the task is performing a print state
Number of prints：Observe how many copies this task will print

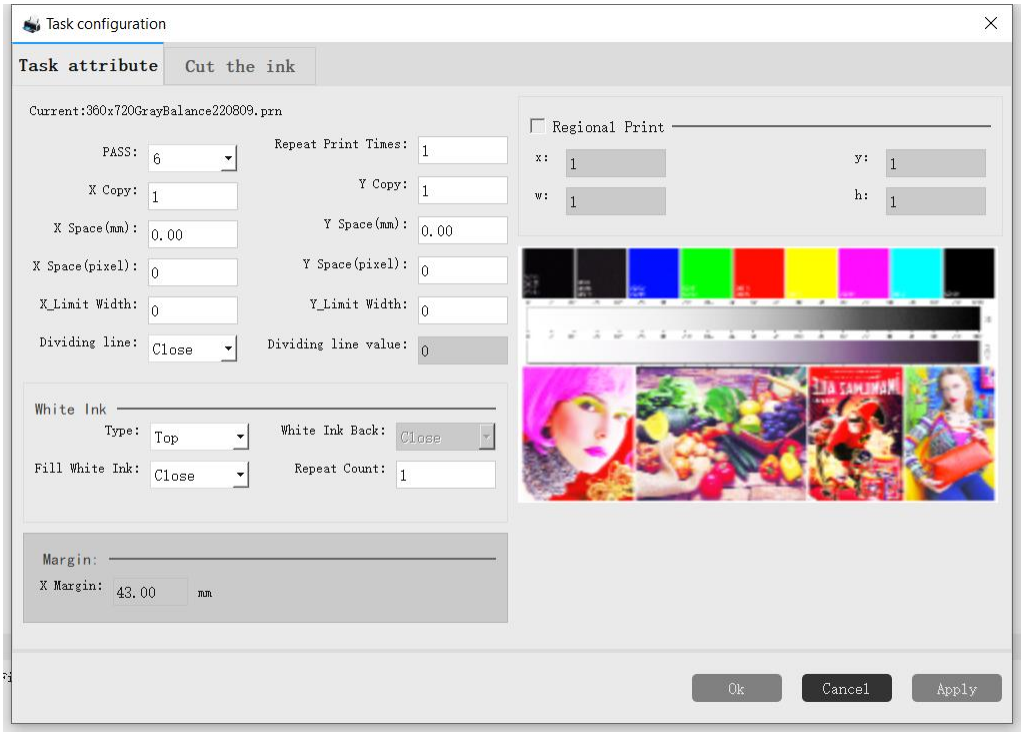
A、Right - click the job you want to print: In the ready state, you can <Start printing> and <Delete task>、<The ink quantity statistics>、<Clear list>.You can <Pause to print>, <Stop printing>, or <Interrupt tasks> in the printing state.<Interrupt tasks> is when printing multiple copies,After clicking <Interrupt tasks>,The current copy is printed,The remaining copies will not be printed.As following picture shows



Click on the image above <The ink quantity statistics...>,The percentage of ink can be observed.As following picture shows:



B、Double-click the print task: Various properties of the print task can be set,As following picture shows:



PASS: Click on the right triangle to select the number of passes to print

Repeat print times: Set the number of times that the task needs to be printed repeatedly

X copy: Set the print amplitude in the X direction,Note the machine physics X width

Y copy: Set the print amplitude in Y direction

X Space(mm): Set X spacing(mm) between transverse amplitudes

Y Space(mm): Set Y spacing(mm) between longitudinal amplitudes

X Space(pixel): Set X spacing(pixel) between transverse amplitudes

Y Space(pixel): Set Y spacing(pixel) between longitudinal amplitudes

X_Limit Width: Set the current task Auto Fill X print width value

Y_Limit Width: Set the current task auto-fill Y print height value

Dividing line: After printing，Print the corresponding marking line at the setting distance

Dividing line value: Set the printing position of the cutting line mark

Type: Select color on top or color on bottom according to printing needs

Fill White Ink: Check this feature,In the picture does not do spot color situation,Automatic filling of paving white ink

White Ink Back: Select whether to roll back the print

Repeat Count: Number of white ink printing passes (thickness)

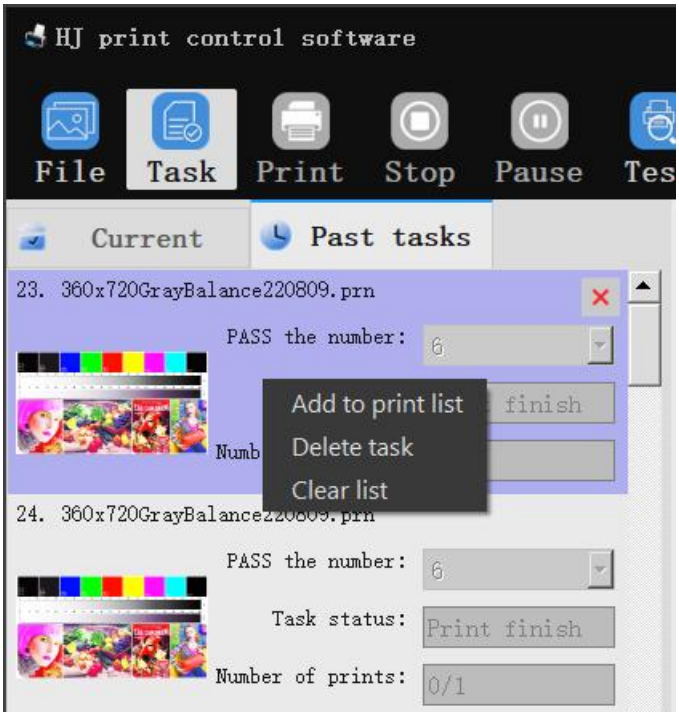
X margin: Display X print start position

Regional print: After the check，The mouse can be used to draw the area to be printed on the picture or fill in the print length and width。

Cut the ink: After opening, you can control the amount of ink，Generally don't have to，as following picture shows

2.2.2.2. Past tasks

Displays printed tasks,Right-click a history print task to perform operations such as**< Add to Print List>**,**< Delete Task>**, and**< Clear List>**



2.2.3. Task properties area

File name: File name
Colors: The task displays the number of colors
Bits per dot: Displays the number of bits of the point
Resolution: The resolution of the print task
Image width: The width of a single print task
Image width: The height of a single print task
Print width: The actual print width is displayed in combination with the transverse amplitude
Print height: The actual print height is displayed in combination with the longitudinal amplitude
Print area: Actual print area
Progress: Display print progress
Time -consuming: Record the printing time
Production capacity: Print the square number in 1 hour

2.3. Print

Print the selected task

2.4. Stop

Stop printing the current task

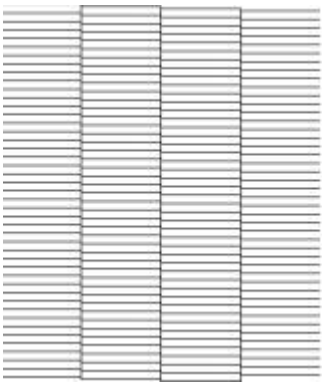
2.5. Pause

Click the pause button while printing,The printing of the current task is paused.The car is reset.Clicking again will continue printing the current task

2.6. Test

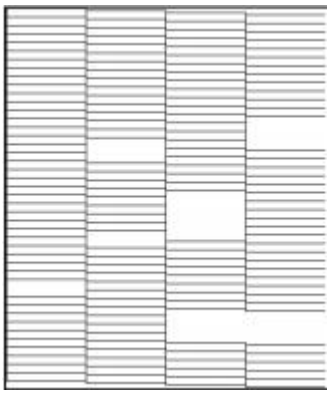
Printing test strips(Nozzle status:Check whether the nozzle is blocked)

You can view the current nozzle status by printing the test diagram.As following picture shows.



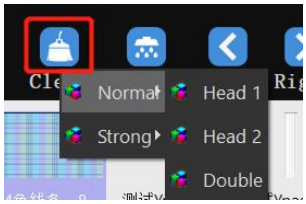
If the print head status is the same as the figure above↑,The print head is not blocked.

If the print head status is similar to the following figure↓,Indicates that there is air or blockage in the nozzle of the print head,Please clean the print head in time.So as not to affect the print quality.



2.7. Clean

When the print head is not in good condition,Look at the picture above,Various cleaning modes can be selected to clean the print head.



Select the corresponding mode to clean the print head.

2.8. Flash

Turn on or off the print head standby flash 

.When the flash spray is closed, the ink stack rises. Moisturize the print head. Ink stack drops when open(You can view the current flash status in the lower left corner of the software).

2.9. Left

Control the car to move left.

2.10. Right

Control the car to move right.

2.11. Feed

Control the printing material forward.

2.12. Back

Control the print material back

2.13. X reset

When the car is not at the origin,Click **<X reset>**,The car is reset to the origin.

2.14. Config

Attribute set

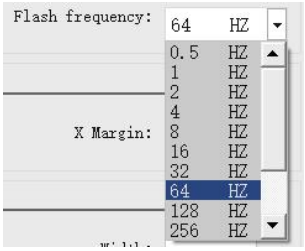
2.14.1. Parameter

2.14.1.1. Parameter -- Param

A.Printing speed: Printing task speed, low speed, medium speed, high speed

B.Printing direction: The printing task direction can be one-way left printing, one-way right printing, or two-way printing

C.Flash frequency: Different frequency can be selected for flash spray

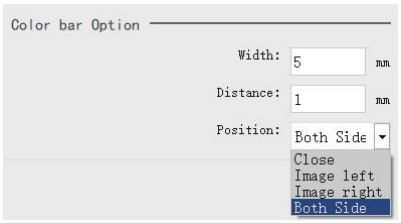


The higher the frequency, the greater the force of the flash, and vice versa

D.White edge： 

X start printing position,Manually input numerical control X print position.

E.Color bar option: To add a print color bar to a print task,You can choose to add on the left, right, and both sides of the figure.



Width: Set the width of the color bar

Distance: The distance between the color bars and the edge of the print task

F. Ink pad clean:

Open: Click**<Open>,**Move the cart to the set value,Tick the ink pump,Drain the waste ink from the ink pad

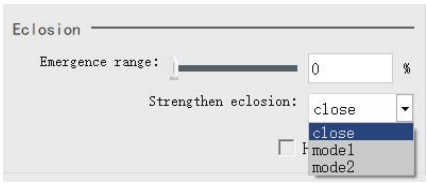
Ink pump: Whether to open the ink pump to pump ink

G. Fill ink:

According to the need to specify the nozzle inking, cleaning nozzle

Click the **Start** button to start inking and click the **stop** button to stop inking

H. Eclosion:



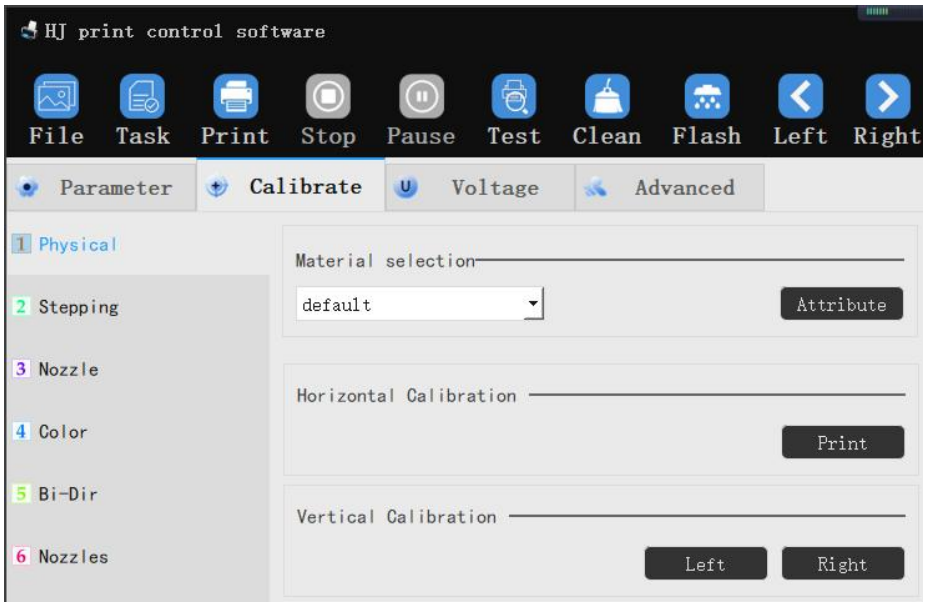
Nozzle edge feather,Soften the PASS,The emergence effect can be adjusted according to the selection range. The larger the range, the slower the speed, the better the effect.

I. **Head eclosion:**For a print head mode.

J. **Strengthen eslosion:**Generally, it is opened when the nozzle is in poor condition.Turn on enhanced feathering, the print speed will be reduced, but the effect will be improved a lot,Can be printed according to the actual effect of several debugging, in order to achieve the ideal state

2.14.2. Calibrate

2.14.2.1. Calibrate - Physical



A.Material selection: Use of special models,Generally the default.

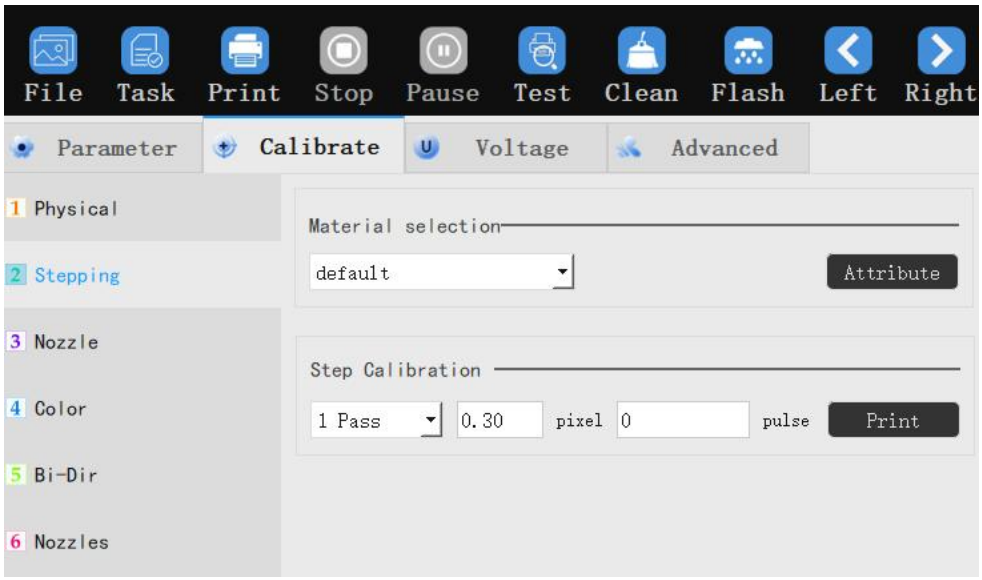
B.Horizontal Calibration : Use of special models.

C.Vertical Calibration: Check whether the nozzle position is vertical,Left calibration and right calibration are optional

As is shown above↑,When the upper and lower two parts are straight, it means that the nozzle position is normal horizontal and vertical.

As following picture shows↓， When the upper and lower parts are out of place,It is necessary to adjust the physical position of the nozzle to achieve vertical

2.14.2.2. Calibrate - Stepping



Step Calibration: Calibration Y direction of the accuracy of the material

(General calibration 1PASS benchmark step)

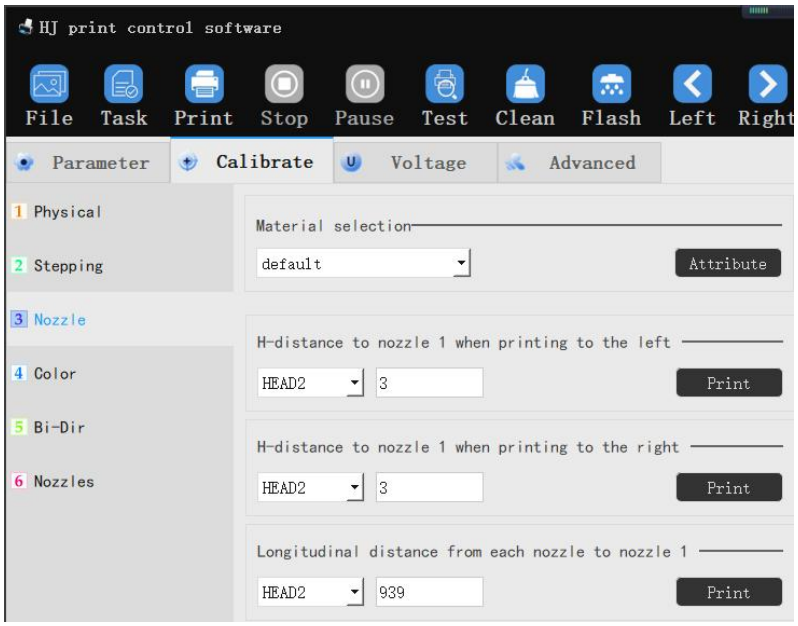
Click< Print>,As following picture shows↓

If it overlaps at 0, no more adjustments are needed

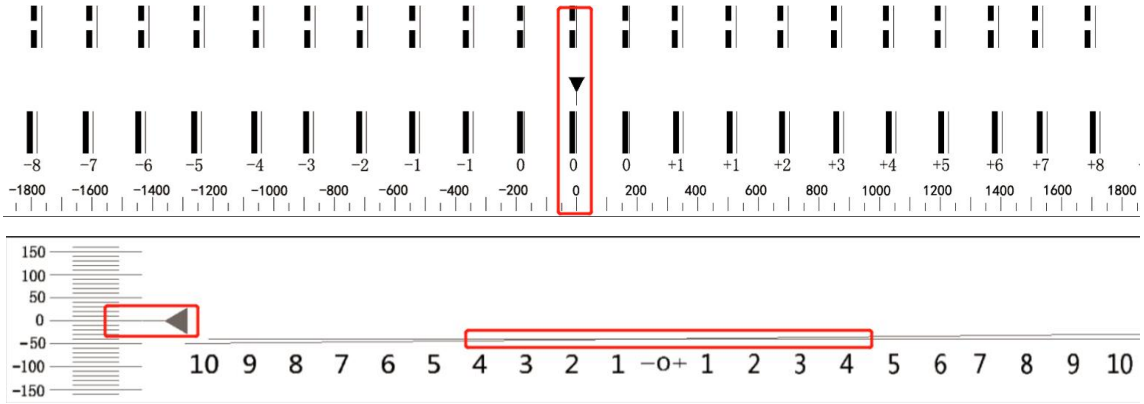
If not, as shown in the following example↓

When other positions overlap, it is necessary to continue to adjust to the 0 position

2.14.2.3. Calibrate - Nozzle



Due to the staggered ordering between multiple sprinklers,So when the nozzle is doing the printing task,There may be a situation where the drawing does not overlap or the position does not correspond.So you need to adjust the distance between the sprinklers,Until the drawing completely overlaps.As shown in the following example↓



A.H-distance to nozzle 1 when printing to the left：

Calibrate the distance when printing one-way to the left

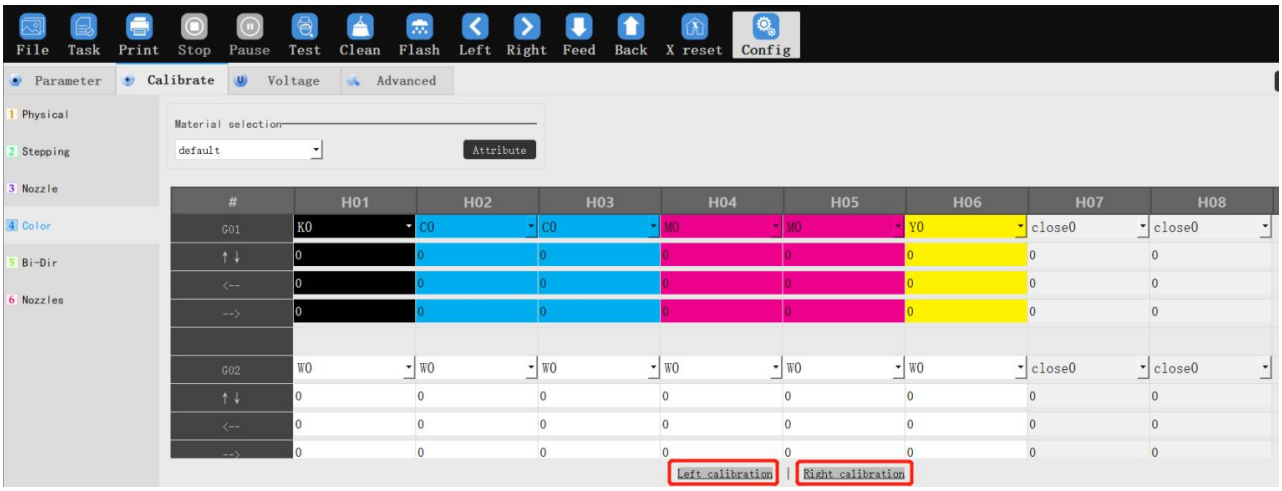
B.H-distance to nozzle 1 when printing to the right：

Calibrate the distance when printing one-way to the right

C.Longitudinal distance from each nozzle to nozzle 1：

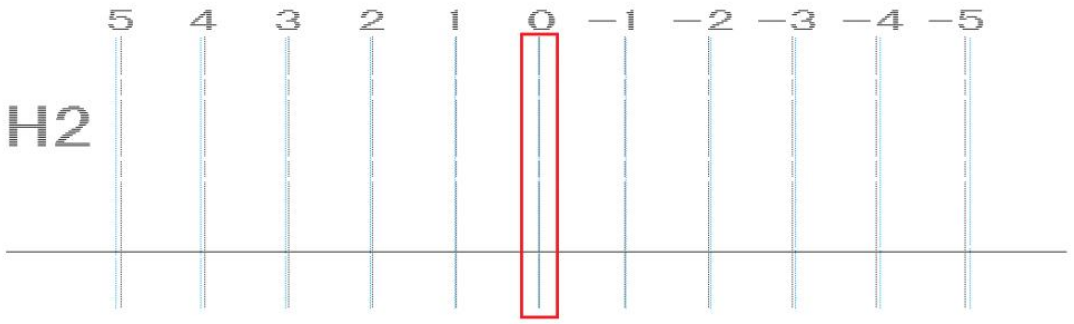
Calibrate the distance when printing lengthwise

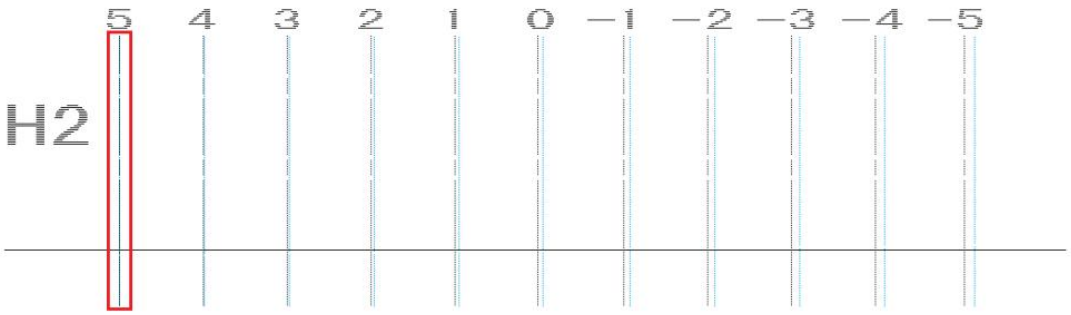
2.14.2.4. Calibrate - color



Matching color calibration:Print head color offset,It is divided into left print offset and right print offset

As following picture shows↓， When the cyan line completely coincides with the black line at the position of 0, there is no need to calibrate

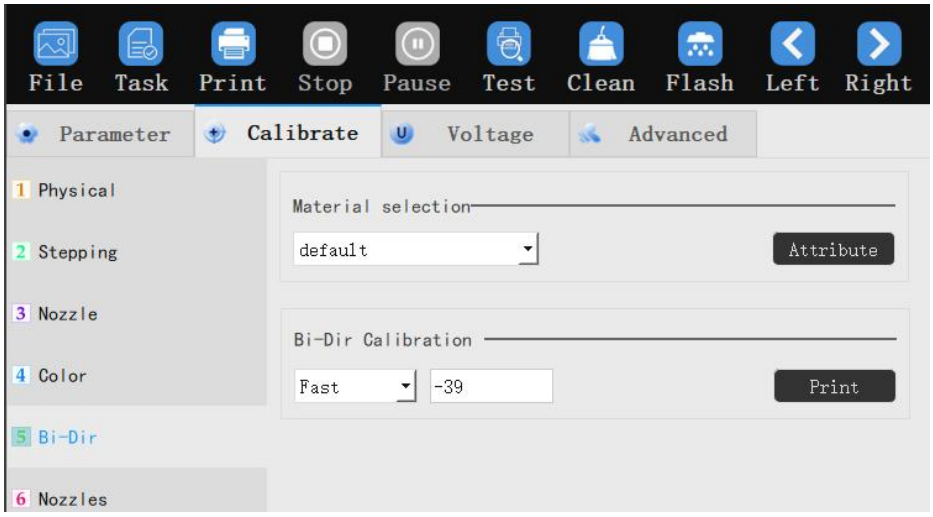




As shown above↑， The position where the cyan line completely coincides with the black line is 5, then calibration is required.

Calibrate left and right as needed.

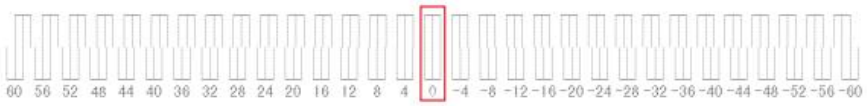
2.14.2.5. Calibrate - Bi-Dir



Two-way calibration:Whether the positions printed back and forth overlap

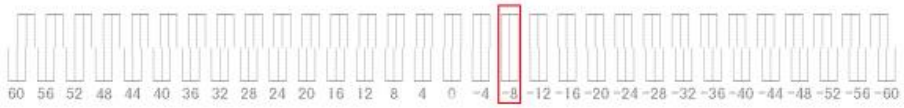
Low speed, medium speed and high speed are available.When selecting these three speeds for the printing task, all three printing speeds must be calibrated

Click on the <print>,as following picture shows↓



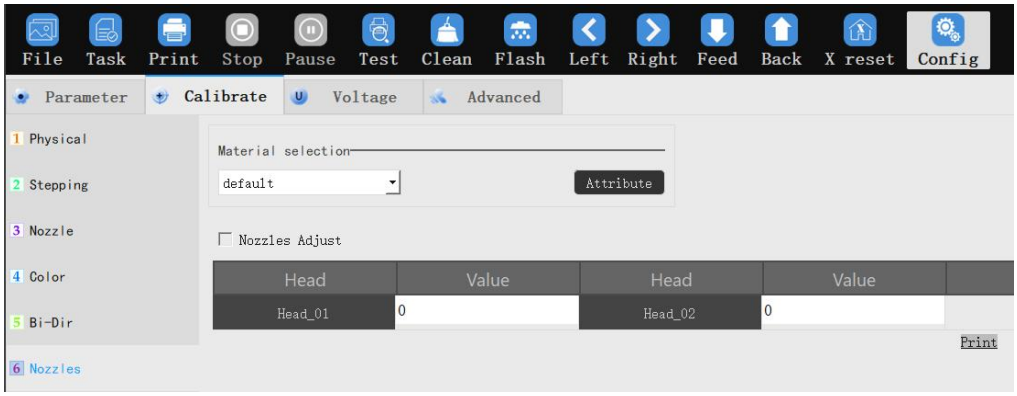
Based on the position of zero,If it is aligned at position 0, no further adjustment is required

If it's not aligned at zero,as following picture shows↓,Need to continue to adjust



2.14.2.6. Calibrate - Nozzles

Use of special models

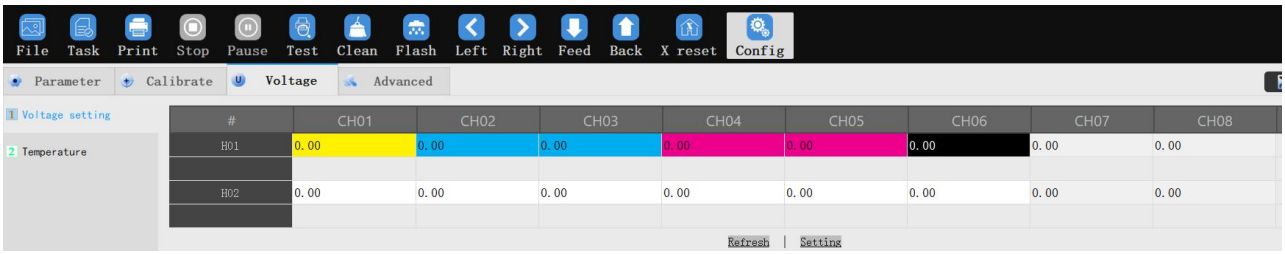


Nozzles Adjust:Emergence between print heads

Jet hole adjustment array:Adjust the number of coincident holes between the spray holes,Enter the pixel Value in the Value column

2.15. Voltage

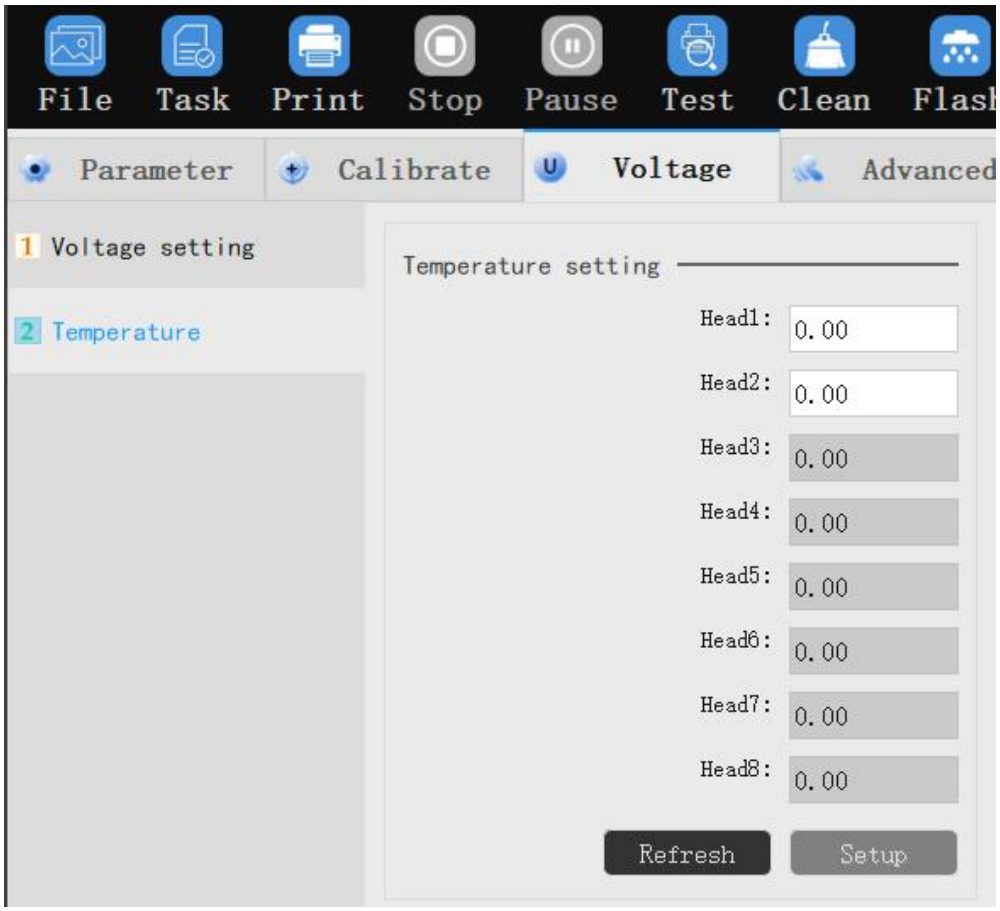
2.15.1. Voltage - Voltage setting



Fine tune the voltage here. Click Settings

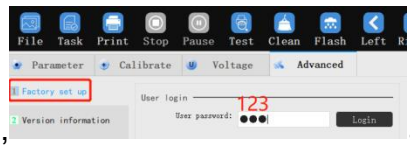
Generally, it is only set when the ink is shallow or broken when printing

2.15.2. Voltage - Temperature

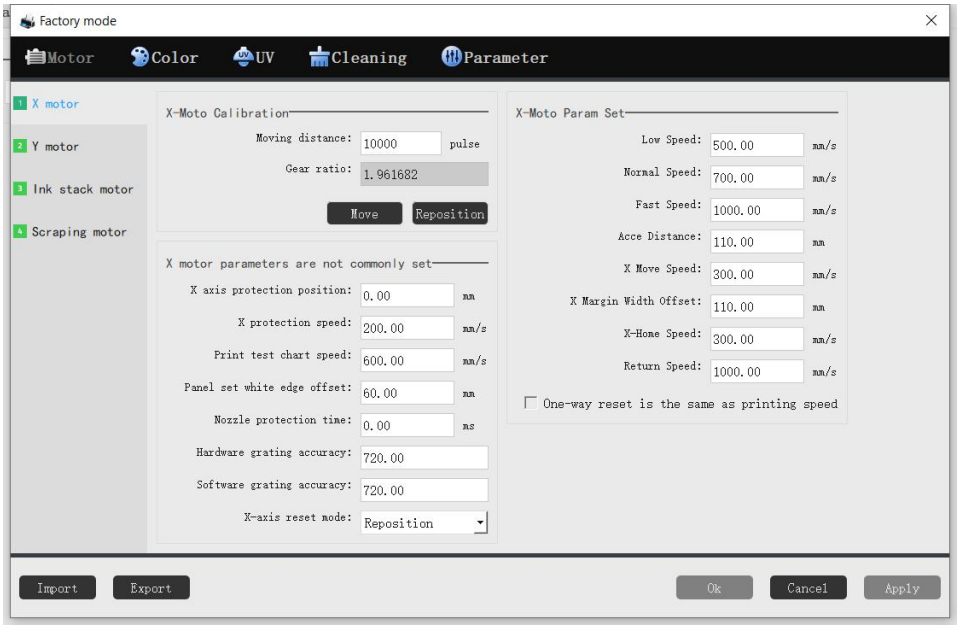


Read the nozzle temperature

2.16. Advanced

On the advanced screen, click Manufacturer Settings.enter password:“123”,Go to factory mode, 

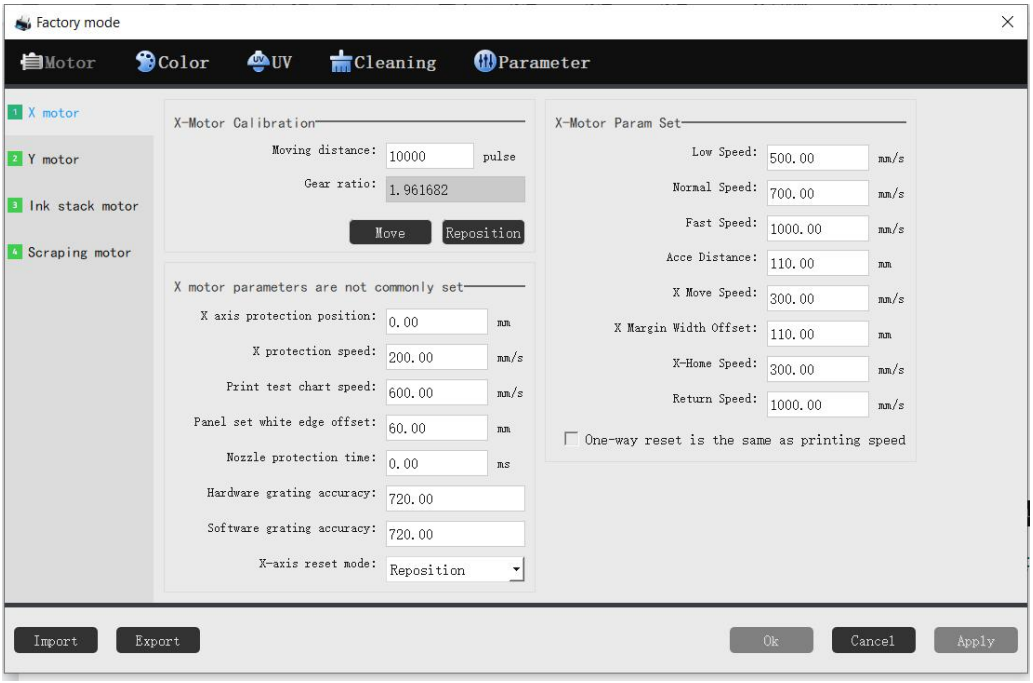
as following picture shows.



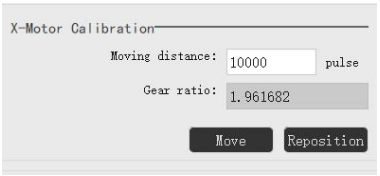
Factory mode includes Motor,Color,UV,cleaning, parameter,This will be broken down below

2.16.1. Motor

2.16.1.1. Motor - X motor



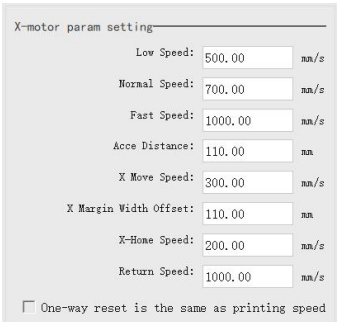
A.X - Motor Calibration



First make sure the read value of the raster decoder is normal,The car left,Observe the value of X display position in the lower left, 

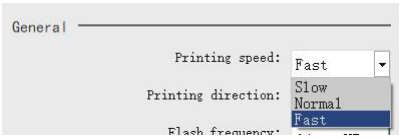
,Then click on **<X Reset>**.After confirming that it is normal,Click on **<Move>,**(Default right side is the car origin case),The car will move to the left,Click **<Reposition>** when the car stops moving.The car goes back to the origin.X gear ratio calibration completed.

B.X - motor param setting



B1.X Motor printing speed

The corresponding low-speed printing, medium-speed printing and high-speed printing in 2.14.1.1 are set by the figure above.Control the printing speed (as shown below).Set your desired print speed here



B2.Acce Distance : The distance from stationary to print speed, the acceleration and deceleration of the car.The larger the value, the gentler the trolley;The smaller the value, the faster the overall car moves, but the electric machine shakes.I need to actually debug a proper value.Acceleration and deceleration begin at this parameter range of set values.

B3.X Move Speed: The moving speed of the car during the non-printing process.

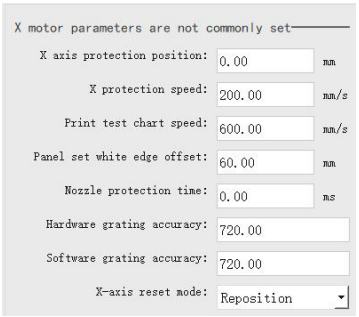
B4.X Margin Width Offset: The starting position of the printing start.Enter a value here.When the white edge value of the printing interface is 0, it is just on the edge of the printing platform.The starting position of the current print = white edge value + white edge offset value here.

B5.X-Home Speed: Set the speed at which the car is reset to the origin.

B6.Return Speed: The speed at which the car returns during one-way reset.

C. X-Motor parameters are not commonly set

You are advised to contact technical support



C1.X axis protection position: Before the car returns to the origin, in order to prevent the occurrence of inertial collision.You can set a value here to prevent inertial collisions.

C2.X protection speed: When the car reaches the protection position, it moves at the speed set here.

C3.Print test chart speed: Set the printing speed of the calibration chart here.

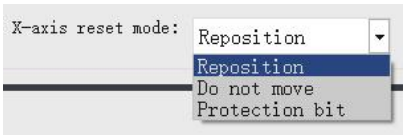
C4.Panel set white edge offset: Set the offset value of the white edge on the control panel;Start position of the current print = white edge value + white edge offset value.

C5.Nozzle protection time: Set a time value here,If the car is in a position other than the origin, it will reset the car at the set time.Protecting printer nozzle.

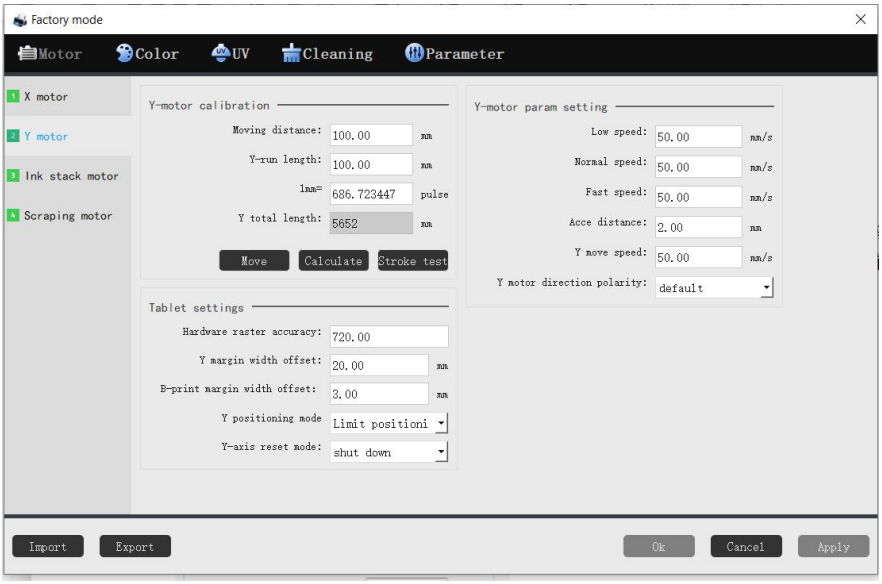
C6.Hardware grating accuracy: Raster value per inch.Adjustments are generally not recommended,The default value is 720

C7.Software grating accuracy: Raster value per inch,Adjustments are generally not recommended,The default value is 720

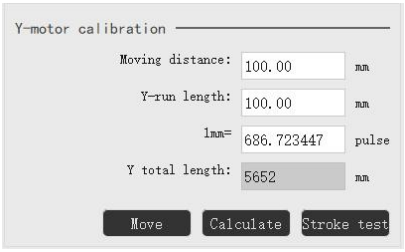
C8.X-axis reset mode: After the current printing task is complete,Choose to reset the cart, hold it, or return it to the guard position.(Reset is recommended).



2.16.1.2. Motor-Y motor

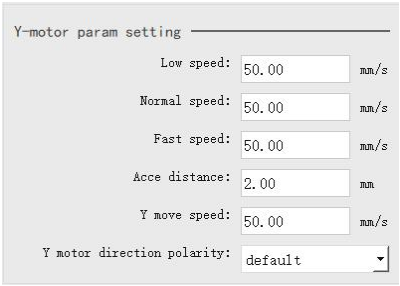


A.Y - motor calibration:Y axis gear ratio calibration,Unlike the X-axis, the printed material needs its own hand momentum to take the actual distance to calibrate



Make a mark with a pen on the printed material in advance,Looking for a good benchmark.And then click Move,The printed material or platform will move forward some distance.After stopping, use a tool to measure how far the printed material has actually traveled.Write the value obtained by the actual movement, click to calculate, and get the gear ratio of Y.It takes a lot of calibration.When the motion value is consistent with the measurement value, the more accurate the value is.

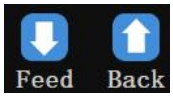
B.Y-motor param setting



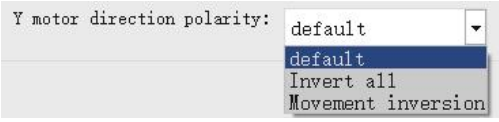
B1.Y-printing speed: Low speed printing, medium speed printing, high speed printing.Control the speed at which the printed material moves during the printing process,Set parameters here to achieve your desired speed.

B2.Acce distance: Set the acceleration and deceleration distances of Y here

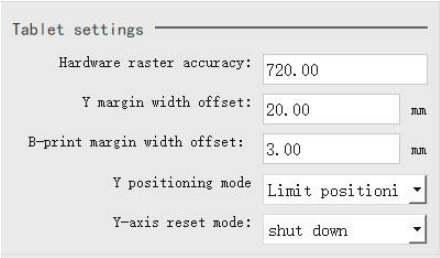
B3.Y move speed: In the process of not printing,The speed at which the printed material moves,Will be applied to the function shown below.



B4.Y motor direction polarity: Adjust the forward and backward direction of the printed material.Select the **<default>** to keep normal feed and return;Select **<all invert>**, will move and print material reversed;Select **<inversion movement>**, reverse only when moving.



C.Tablet setting

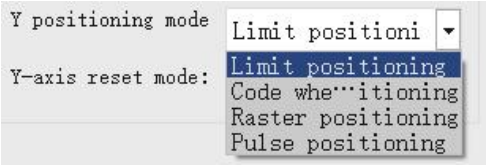


C1.Hardware raster accuracy: Raster value per inch,Adjustments are generally not recommended,The default value is 720.

C2.Y margin width offset: The starting position of the printing start.I usually put a value here.When the white edge value of the printing interface is 0, it is just printed on the edge of the material.The starting position of the current print = white edge value + white edge offset value here.

C3.B-Print margin width offset: Set the offset value of Y white edge when printing back.

C4.Y positioning mode: When using a tablet machine.Printing material may need to be positioned so that the current task is printed and then the next task is printed, or the printing position of multiple printing tasks is the same.Here we need to use positioning.



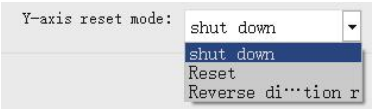
Limit positioning: It's positioned by the Y origin limit.

Code wheel positioning: Locate by the value of the code disk.

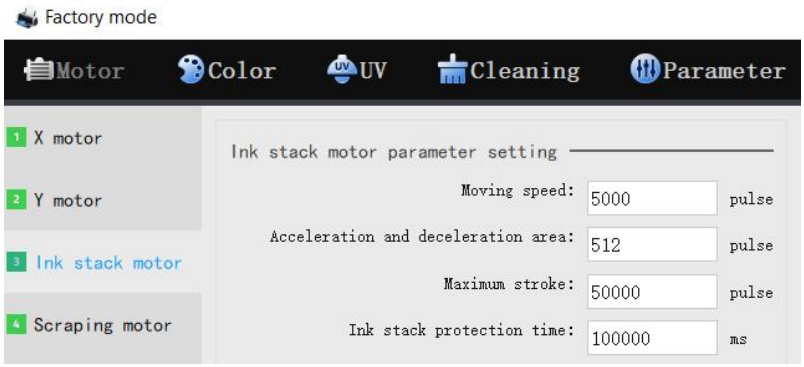
Raster positioning: Position by grating value.

Pulse positioning: Locate by pulse value.

C5.Y-axis reset mode: After the current printing task is complete.You can choose to reset the printing material or to reset the printing material in the opposite direction.



2.16.1.3. Motor-Ink stack motor



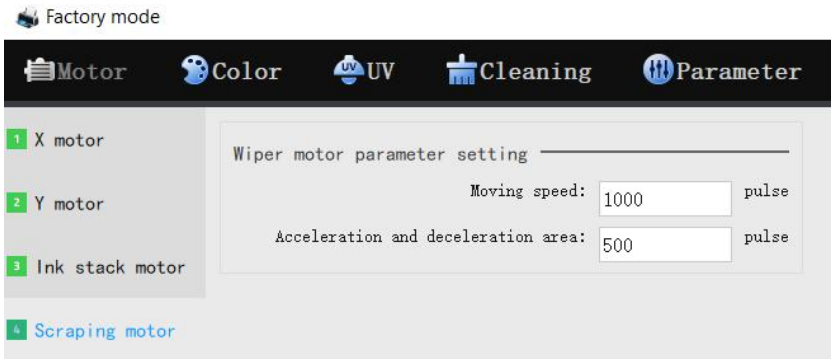
A.Moving speed: Speed of ink stack movement.

B.Acceleration and deceleration area: Start acceleration and deceleration in the set parameter range.

C.Maximum stroke: Limit the maximum stroke of ink stack movement.

D.Ink stack protection time: The ink stack will reset within the setting time, so that the nozzle is in the moisture position.

2.16.1.4. Motor-Scraping motor

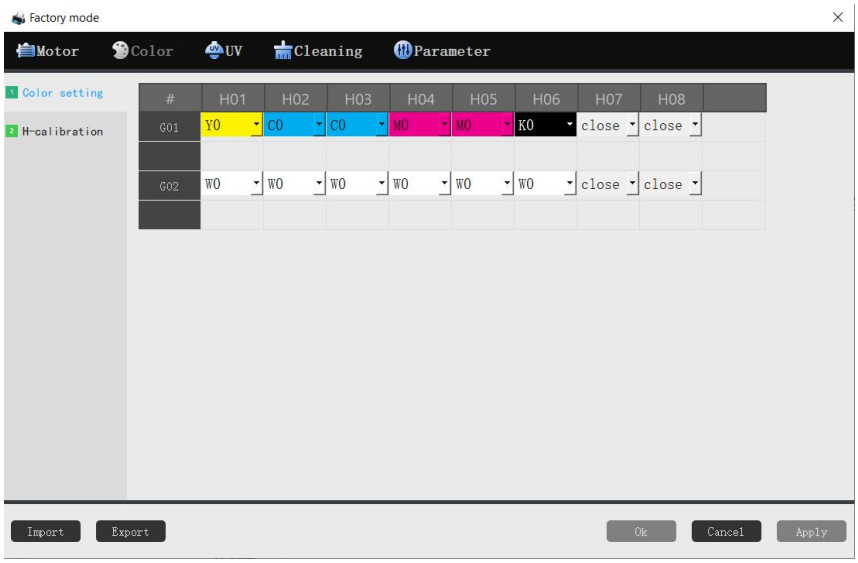


A.Moving speed: Scraper moving speed.

B.Acceleration and deceleration area: Set the acceleration and deceleration to start within the parameter range.

2.16.2. Color

2.16.2.1. Color-Color setting

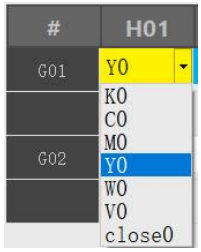


A.Color setting: The flash spray can be opened, and then placed under the nozzle with paper.Calibrate the color corresponding to the flash of color on the paper.

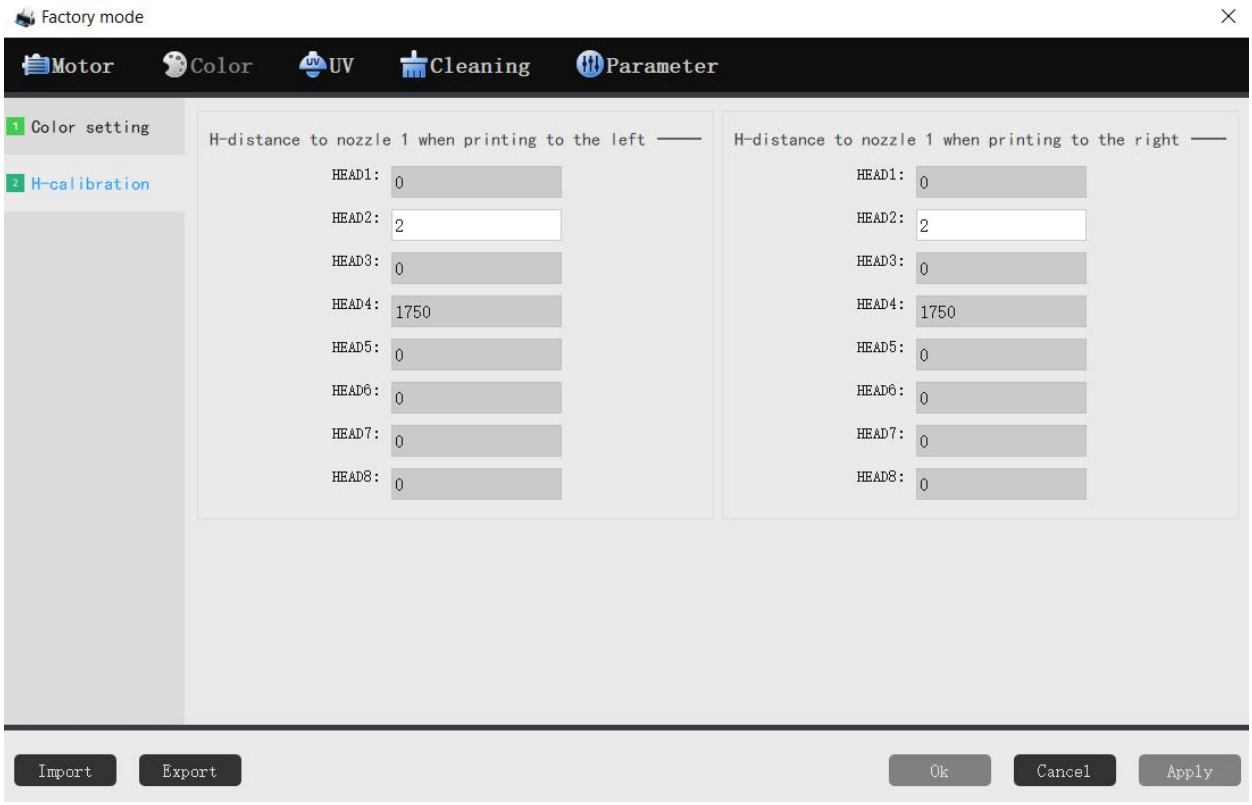
H01 corresponds to the color of flash spray in the first column.H02 corresponds to the color of spray hole flash in the second column.And so on.

G01 stands for print head 1.G02 stands for print head 2.And so on.

The color selection is as follows:

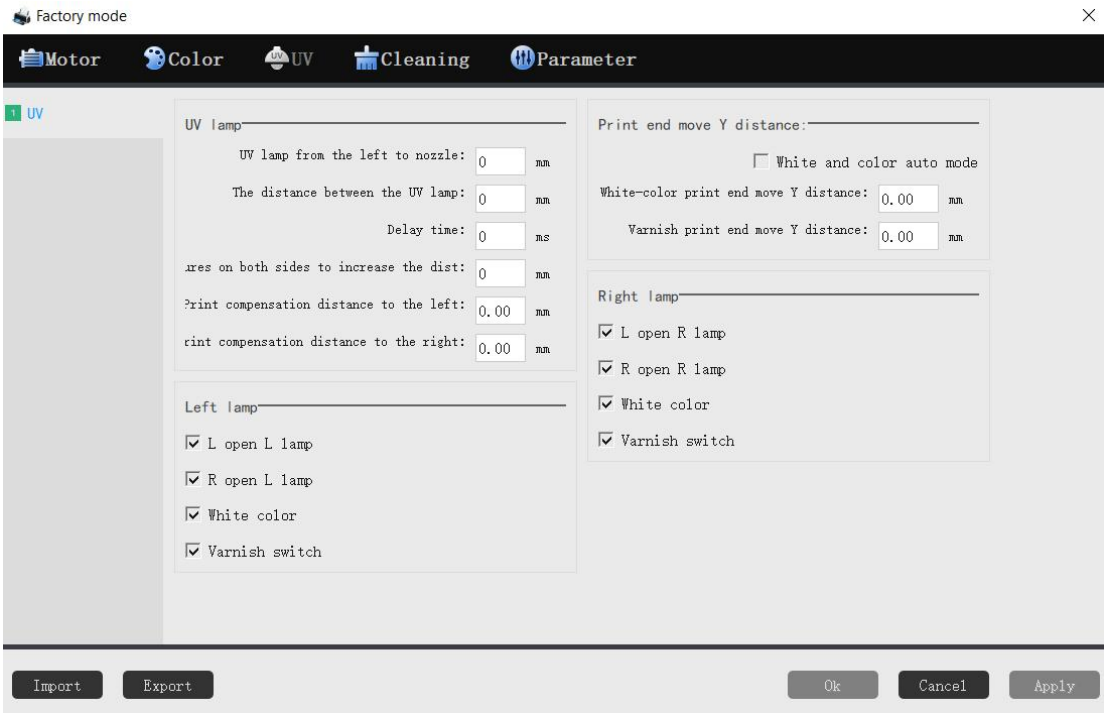


2.16.2.2. Color-H-calibration



Set the lateral distance between each sprinkler head and sprinkler head 1.

2.16.3. UV



Use of UV model

UV lamp from the left to nozzle: Set the distance between the left light and the lamp cap
The distance between the UV lamp: Set the distance between two UV lamps
Delay time: Set the advance switch time
Pictures on both sides to increase the dist: Sets the distance added on both sides of the image
Print compensation distance to the left: Set the compensation distance to print left
Print compensation distance to the right: Sets the compensation distance to print to the right

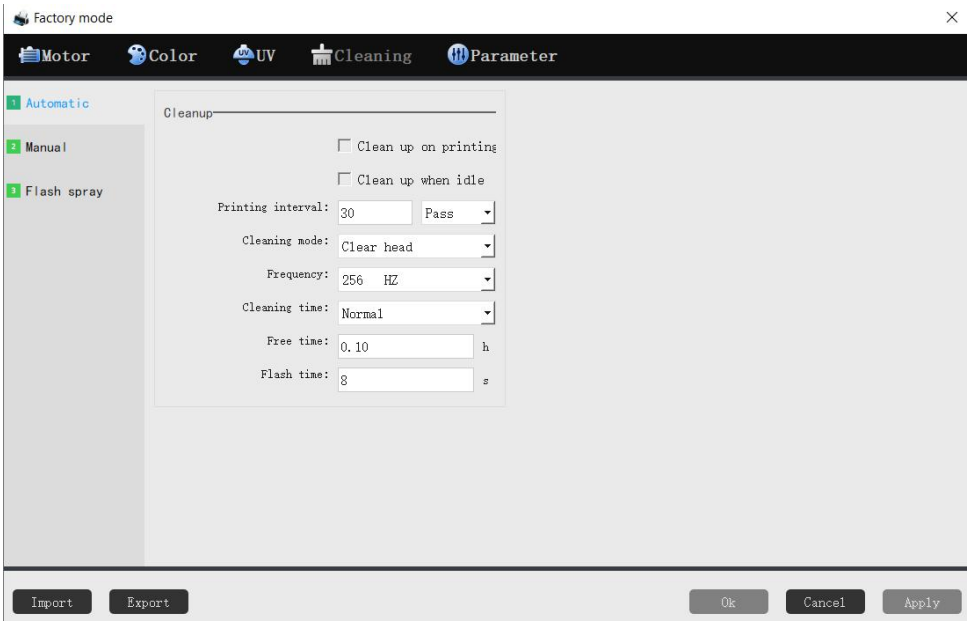
Left lamp:
L open L lamp: Left light switch when printing left
R open L lamp: Left light switch when printing right
White color: Left light white color switch when printing
Varnish: Left light varnish switch when printing

Right lamp:
L open R lamp: Right light switch when printing left
R open R lamp: Right light switch when printing to the right
White color: Right light white color switch when printing
Varnish: Right light varnish switch when printing

White-color print end Y move distance: Set the Y distance of UV lamp irradiation after white color printing
Varnish print end Y move distance: Set the Y distance of UV lamp irradiation after varnish printing

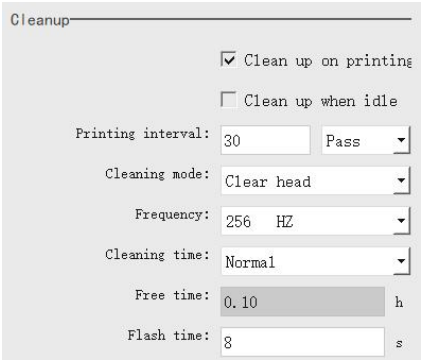
2.16.4. Cleaning

2.16.4.1. Clean-Automatic

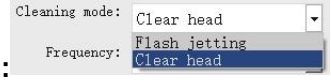


These parameters can be adjusted freely when <Clean Up on printing> or <Clean Up When Idle > is selected.

A.Clean up on printing



A1.Printing interval: Print the Settings (PASS) before automatic cleaning.

A2.Cleaning mode: 

Choose **<flash jetting>** or **<Clear head>**.

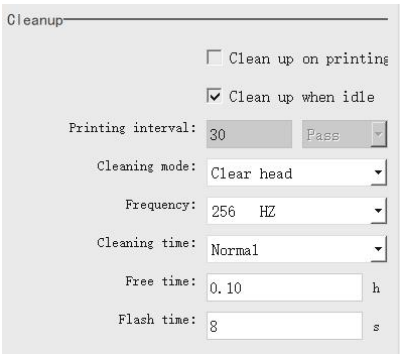
A3.Frequency: The frequency of flash spray during cleaning.

A4.Cleaning time: 

Choose **<Normal>** or **<Strong>**,Set the flash spray time of two kinds of cleaning respectively.

A5.Flash time: The duration of the flash.

B.Clean up when idle



B1.Cleaning mode: Choose **<flash jetting>** or **<Clear head>**.

B2.Frequency: The frequency of flash spray during cleaning.

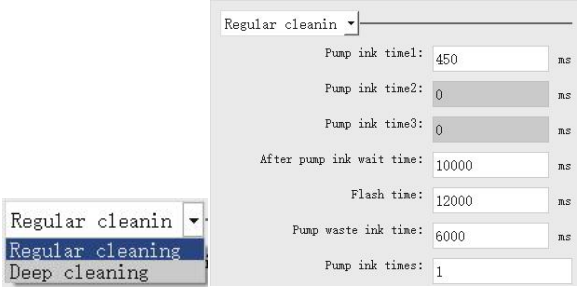
B3.Cleaning time: Choose **<Normal>** or **<Strong>**,Set the flash spray time of two kinds of cleaning respectively.

B4.Free time: Set the idle time to hours before cleaning

B5.Flash time: The duration of the flash.

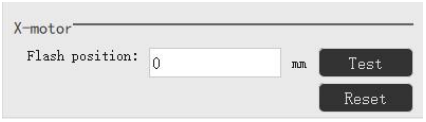
2.16.4.2. Cleaning - Manual

A：Cleaning time setting

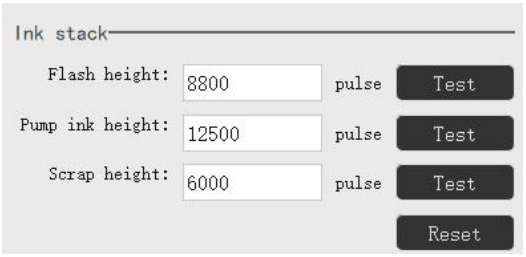


A1.Pump ink time1: Time required for ordinary cleaning and inking.
A2.After pump ink wait time: Set the waiting time after drawing ink
A3.Flash time: The duration of the flash.
A4.Pump waste ink time: Set the time for drawing waste ink.
A5.Pump ink times: Set the ink pumping times

B:Flash position: The position of the nozzle car during the flash spray.

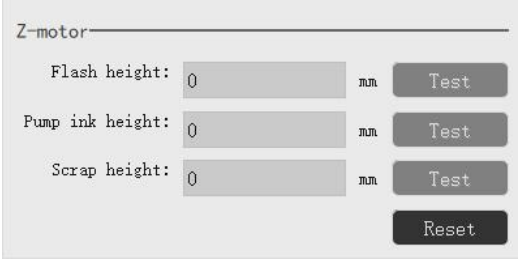


C：Ink stack height setting during cleaning



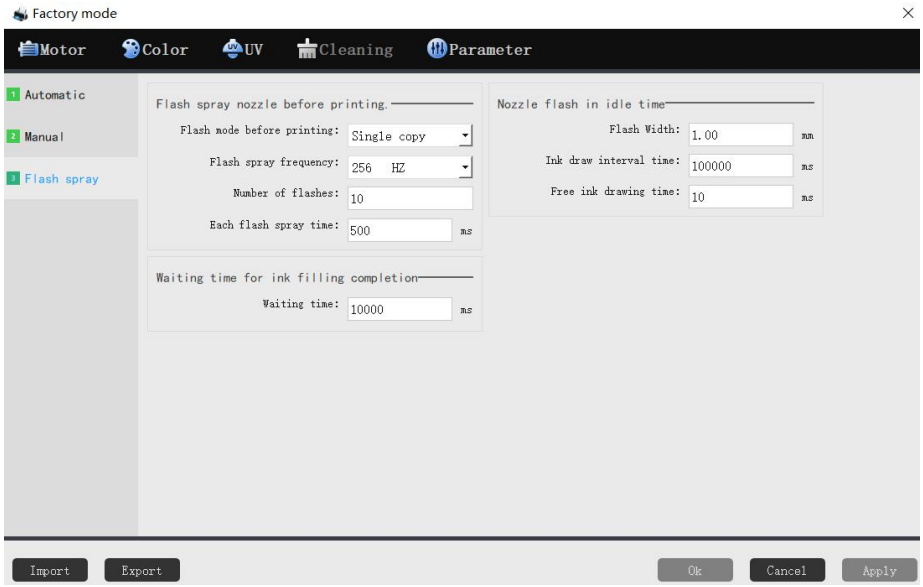
C1.Flash height: The height of the ink stack at which the flash spray occurs.
C2.Pump ink height: The height of the ink stack at which ink is drawn.
C3.Scrap height: The height of the ink stack at which ink is scraped.
D:Scraping position
Each nozzle cleaning ink scraping position

E：When cleaning, the position of Z motor

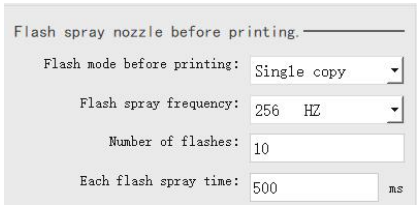


E1.Flash height: Set the height of Z when flash spray.
E2.Pump ink height: Set the height of Z when pumping ink.
E3.Scrap height: Set the height of Z when scraping ink.

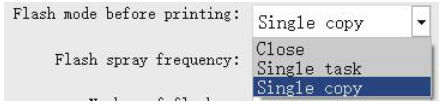
2.16.4.3. Cleaning - Flash spray



A:Flash spray nozzle before printing:



You can choose to **<close>**, **<single task>**, or **<Single copy>** flash mode



A1.Close: Do not perform flash before printing.

A2.Single task: Continuous printing only flashes once

A3.Single copy: Every print task flashes

A4.Flash spray frequency: The force of the ink.The larger the choice, the larger the amount of ink, and the smaller the amount of ink.

A5.Number of flashes: The number of flashes before a print task.

A6.Each flash spray time: Set the duration of each flash flash

B:Set the sprinkler to flash spray when idle

B1.Flash Width: When flash spray, the car is in the position.

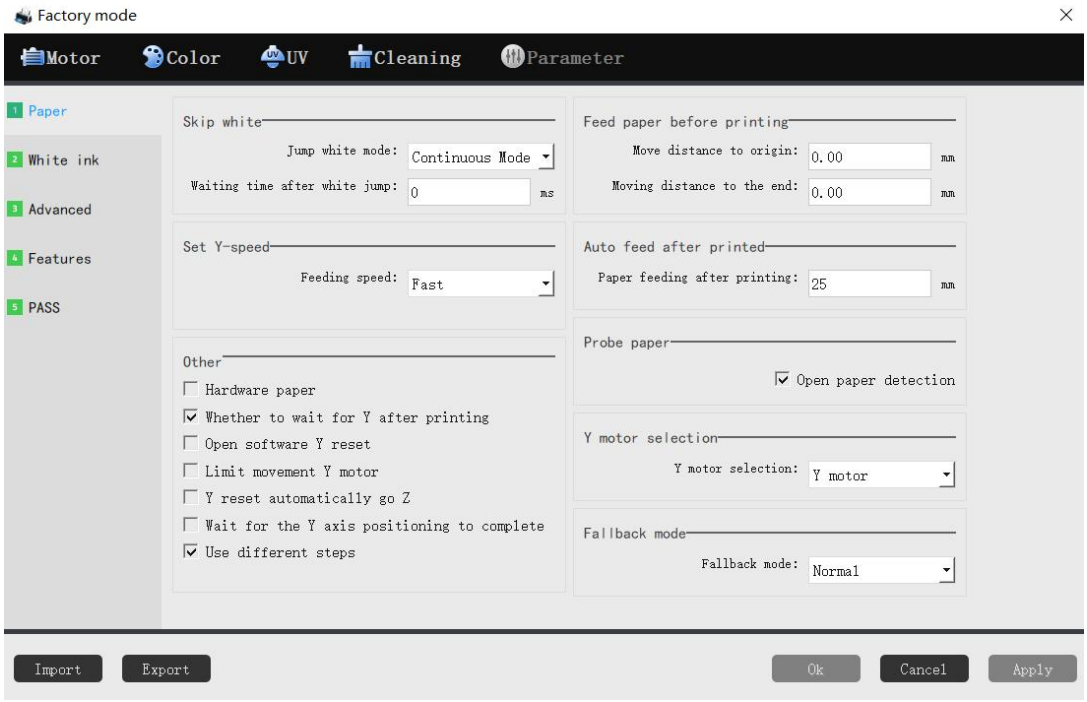
B2.Ink draw interval time: When idle, draw ink once at the set time.

B3.Free ink drawing time: When idle, set the inking time.

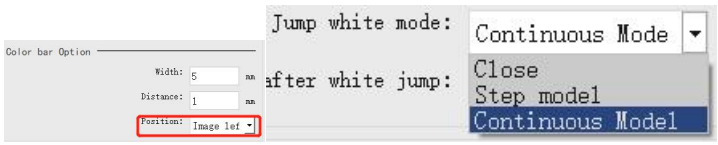
B4.Waiting time for ink filling completion: Wait time after inking completion

2.16.5. Parameter

2.16.5.1. Parameter - Paper



A:Skip white: Skip the white space and start printing only where there is a picture.（(When the color bar is checked, the white hop function will be disabled.

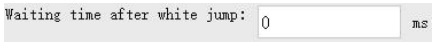


A1.Close: White hop is not performed

A2.Step mode1: Follow PASS to skip the white space in the print and start printing where the image is.

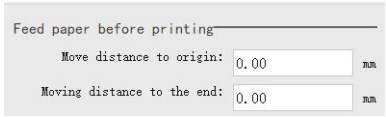
A3.Continuous Mode1: Let the machine skip over the blank space in a row and start printing where there is a picture.

A4.Waiting time after white jump: Wait time after skipping the blank section.

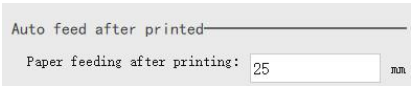


B.Set Y-speed: The speed at which the printed material moves.You can choose low, medium or high speed

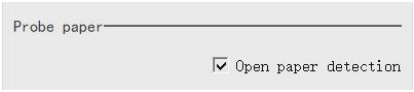
C.Feed paper before printing： Walk the paper before the printing task,The input value can adjust the distance to the origin or the destination.



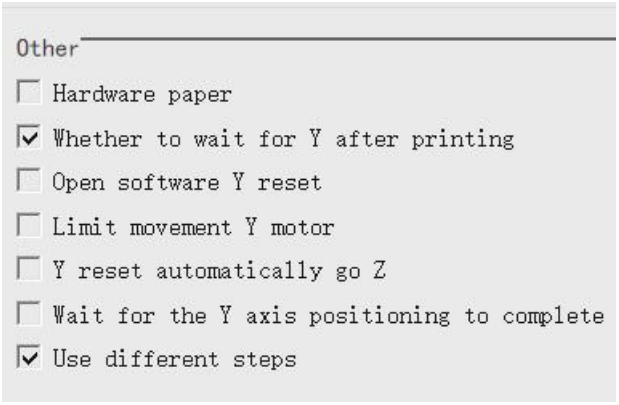
D.Auto feed after printed: After the print task ends, Y moves the set distance value.



E.Probe paper: Open the paper probe to detect the printed material.



F：Other



F1.Hardware paper: Increase the speed of material removal

F2.Whether: After printing 1PASS, do you want to wait for the discharge to stop before printing 1PASS

F3.Open software Y reset: The moment you open the software, the printed material will reset

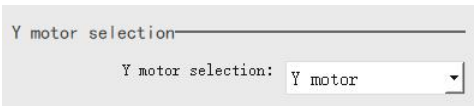
F4.Limit movement Y motor: General photo machine to use this setting.Short Y end, start to walk paper.

F5.Y reset automatically go Z:(flatbed machine) printing material reset. The counter sensor will automatically detect the presence or absence of occluded objects.If it is blocked, the reset of the printed material will be interrupted.Until the object is removed, then continue the reset action

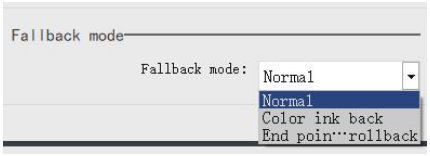
F6.Wait for the Y axis positioning to complete: Wait until the printed material is located, and then perform the next step.

F7.Use different steps: Check the default

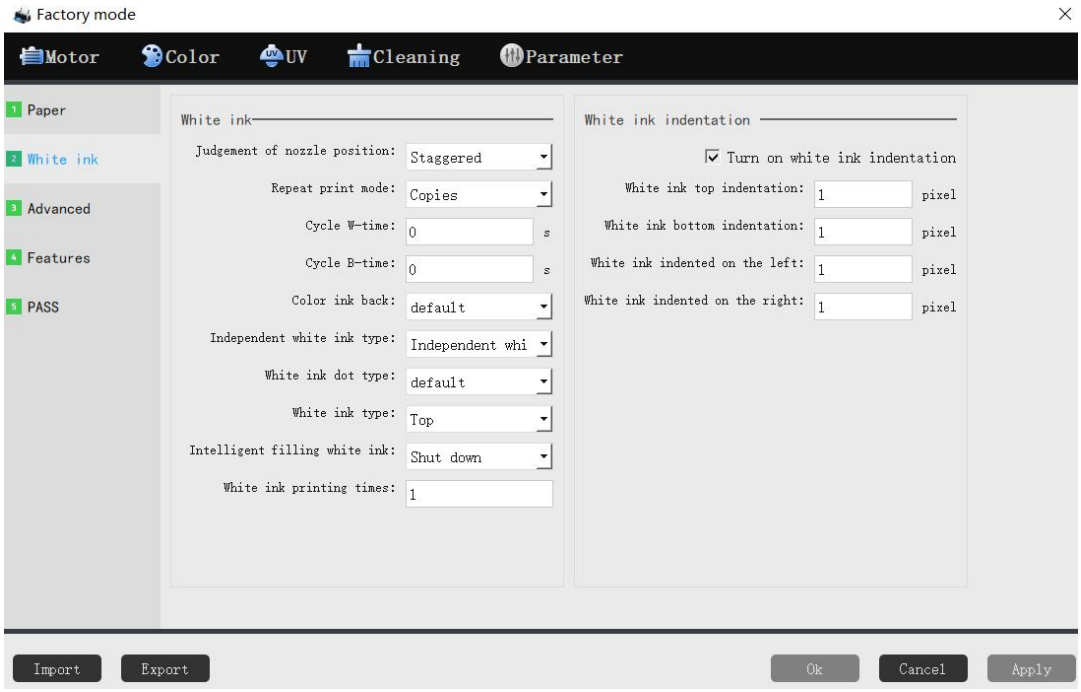
G.Y motor: Choose the Y motor or wiper motor.Generally, Y motor is selected.



H.Fallback mode: Norma1 is the normal print mode;Color ink back is used to print Color ink and then white ink;End poin... Rollback is printed from the end point forward (white ink on the bottom, color ink on top).



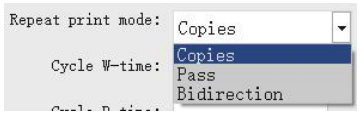
2.16.5.2. Parameter - White ink



A:White ink

A1.Judgement of nozzle position: The physical location of the nozzle.Divided into side by side and error row, generally for error row.

A2.Repeat print mode: You can choose **Copies**,**PASS** or **Bidirection**.



A3.Copies: Print white ink first, then print color ink.

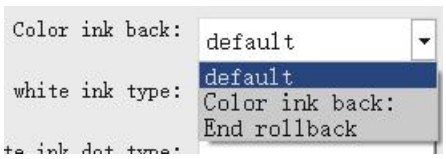
A4.Pass: No matter how many times you print with white ink, do it all at once.

A5.Bidirection: Bidirectional printing of white ink, color ink printing direction according to the setting of the printing direction.

A6.Cycle W-time: White ink is different from color ink, which precipitates faster.Therefore, it is necessary to cycle once every period of time to prevent precipitation.Set the working time of the white ink cycle here.

A7.Cycle B-time: Time to stop working after the completion of the white ink cycle.

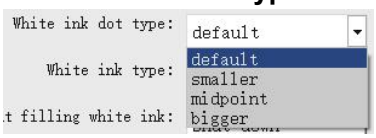
A8.Color ink back: Default is white ink below, color above.**Color ink back** to color ink in the following, white ink in the top.**End Rollback** is printed in reverse, that is, from the End to the front(White ink on the bottom, color ink on the top).



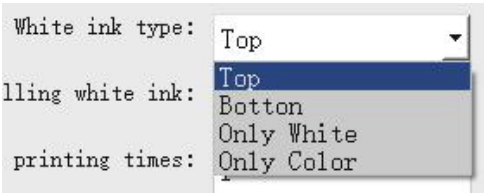
A9.Independent white ink type: Choose the type of white ink you want to print.

A10.Unified ...ink type: Unified printing only one type of white ink(for special models).

A11.White ink dot type: You can choose big, small, medium.Generally choose the default.



A12.Top: The white ink is printed below.



A13.Botton: The color print is below.

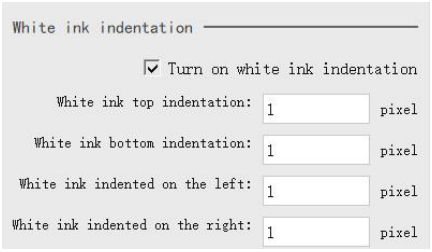
A14.Only White: Print white ink only.

A15.Only Color: Print color ink only.

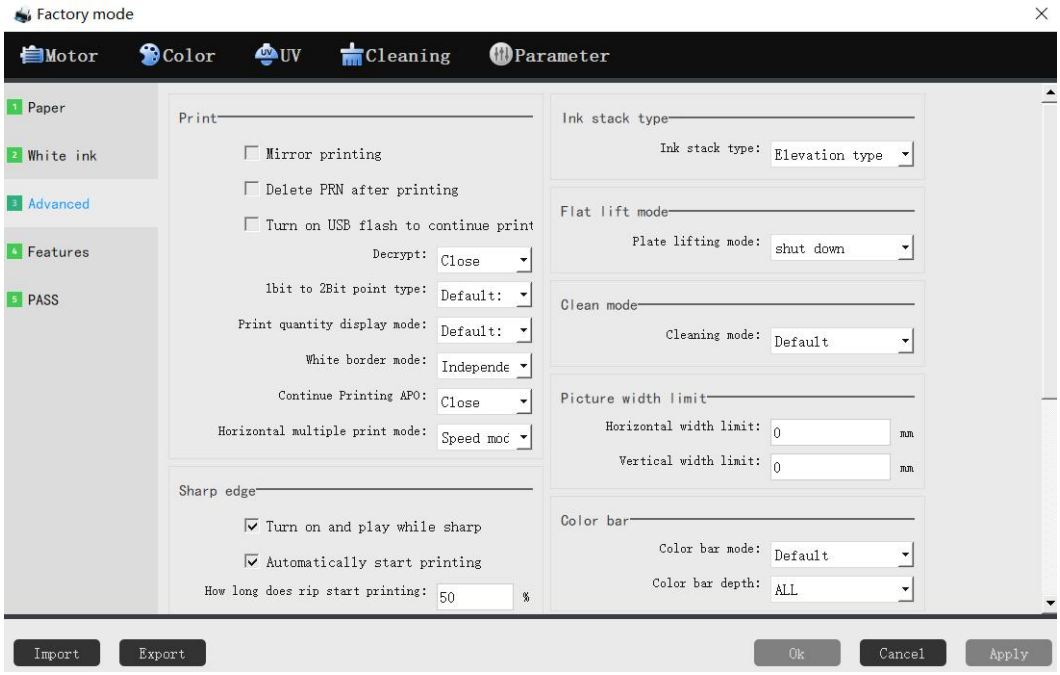
A16.Intelligent filling white ink: In the case of no spot color,After opening, print the white ink first.Then print color ink on white ink.

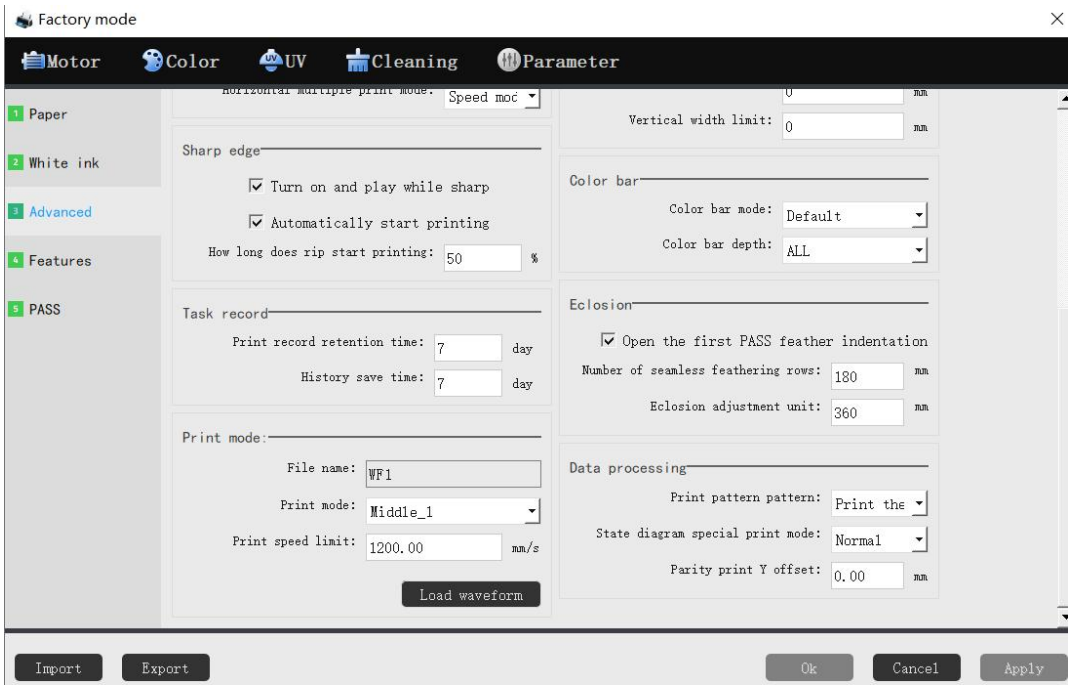
A17.White ink printing times: When the white ink needs to be thickened, you can set the number of white ink printing here.

B:White ink indentation: In the case of white ink,The printed color ink does not cover the white ink, you can open the white ink indentation here.Shrink the area around the white ink to be printed.

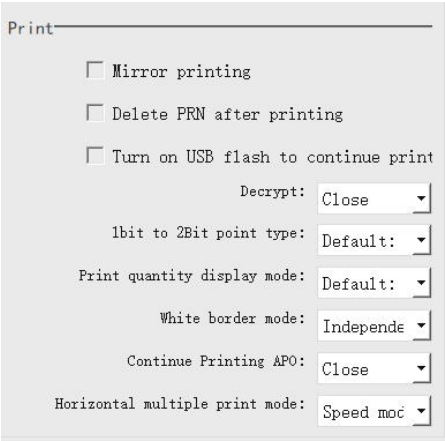


2.16.5.3. Parameter - Advanced





A：Print



A1.Mirror printing: Mirror the print task before printing.

A2.Delete PRN after printing: The task of deleting the print list after the print task is complete.

A3.Turn on USB flash to continue print: After the USB is turned on, the printing will not be affected if the USB is not in good contact or intermittently broken.For special models.

A4.Decrypt: Unencrypt the Nozzle.This feature is usually not used.

A5.1bit to 2bit point type: If you need to print large and medium points, you need to switch from 1bit to 2bit.Generally choose the default.

A6.Print quantity display mode:Displays the number of print tasks completed. Generally choose the default

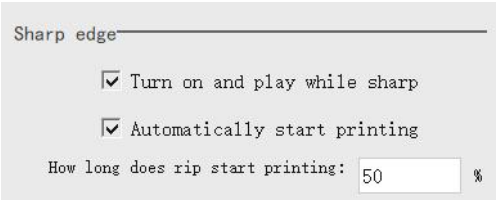
A7.White border mode: Some special models use this mode.

A8.Continue Printing APO: If open.The power went out in the middle of printing.After restarting the printer, you can continue to complete the last unfinished printing task.Use of special models.

A9.Horizontal multiple print mode: You can choose speed mode or precision mode.

When selecting precision mode.In the printing of horizontal multi-frame tasks, the distance between the intervals will not appear error;When you select speed mode.When printing a horizontal multi-frame task.The printing speed is faster, but the spacing may be a little wrong.Can choose according to need.

B：Sharp edge



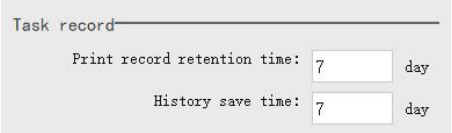
When **<Turn on and play while sharp>** and **<Automatically start printing>** are selected simultaneously.The RIP function can be printed at the same time.

How long does rip start printing: When the RIP reaches the set value, the printing task is performed.

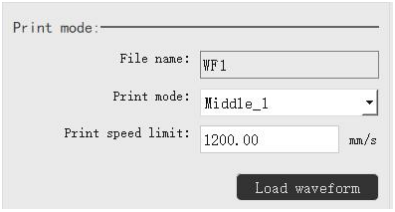
C:Task record

Print record retention time: Sets how long the print record needs to be kept

History save time: Sets the time for saving printed history tasks。



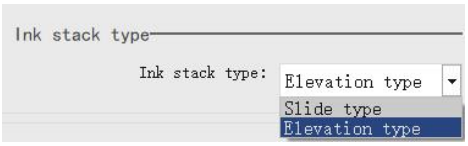
D:Print mode:waveform selection.If the current selected waveform appears shallow or broken ink during the printing task.You can change the waveform here.Print again and check the print effect again.



D1.Print mode: Select the point where you want to use the waveform.

D2.Print speed limit: The maximum print speed of the current waveform.Generally not modified.

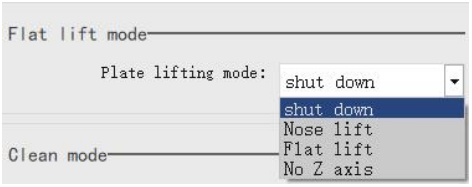
E:Ink stack type



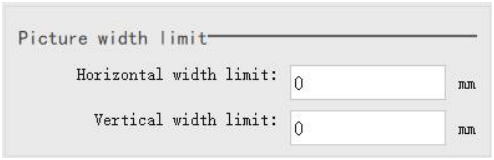
E1.Slide type: Sliding ink stack.The car moves to the origin and resets.When touching the ink stack block, the ink stack rises, and the moisturizing nozzle;The car moves out and the ink stack drops by itself.

E2.Elevation type: Lifting structure ink stack.

F.Flat lift mode: In this choice is the car head lifting or flat lifting,No Z axis is no lifting, or manual control platform lifting。



G.Picture width limit



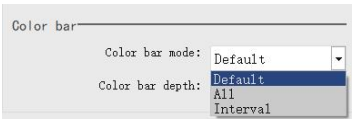
G1.Horizontal width limit: Width limit for the number of horizontal prints.When the number of horizontal tasks to print exceeds the length of the printed material, a limit on the total print width is required.

G2.Vertical width limit: Width limit for the number of lengthwise prints.When the number of vertical tasks to print exceeds the length of the printed material, the total print width is limited.

H:Clean mode

The cleaning action is default.

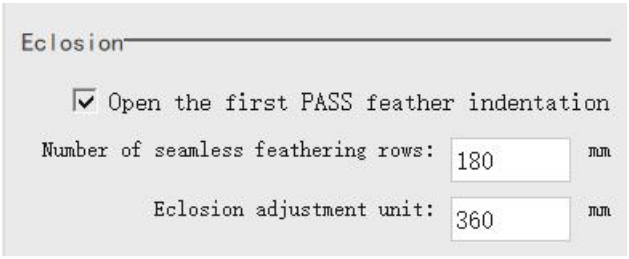
I:Color bar



I1.Color bar mode: After this function is enabled, color bars will be printed according to the PASS number of the current printing task.Can be printed through the color bar to check whether the nozzle is blocked, or broken ink, etc.Also can prevent in the printing process, such as broken ink.Select the default.

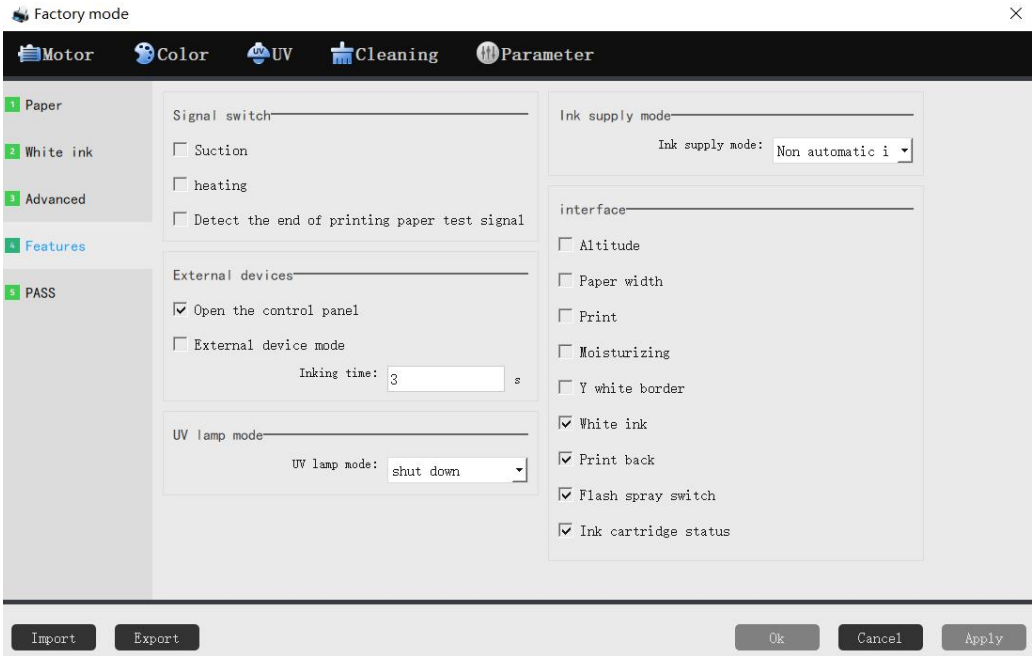
I2.Color bar depth: Print color bar ink concentration;Select ALL, the color bar is obvious;Select 1/2, color bar color half light;Choose 1/4, very light color bars.

J:Eclosion

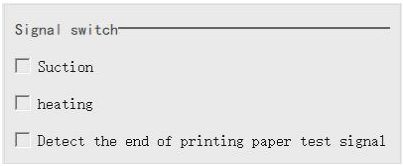


After printing, feather from the first PASS.The value is generally the default value.

2.16.5.4. Parameter - Features



A:Signal switch

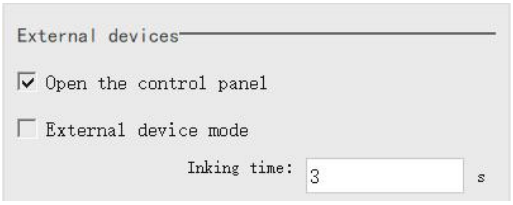


A1.Suction: Hold the material such as paper, so that the printed material is stuck on the printing platform.

A2.heating: Apply heat to printing materials, etc.

A3.Detect the end of printing paper test signal： You can use this function when you turn on repeat printing.After the current printing task is finished and the car is reset to the origin, detect whether the paper signal can receive data.If there is no signal, the next print will not continue.If received, the next task is printed.

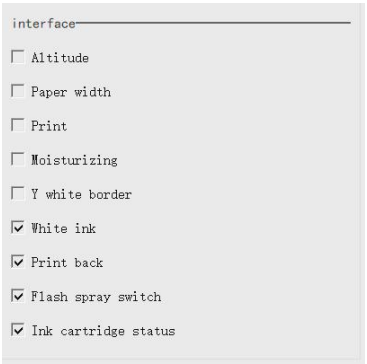
B:External devices



B1.Open the control panel: If you uncheck the box, the control panel function on the machine will be disabled.

B2.External device mode:A function of connecting to other external devices(for special models).

C:interface: The items selected here will be displayed in the comprehensive interface within the printing software.Special function check box.



C1.Altitude: Check the height of the printing material from the nozzle.

C2.Paper width: Check the width of the printed material.

C3.Print: When multiple RIP files need to be printed simultaneously.Check Print to print all tasks in the print list.

C4.Moisturizing: The ink stack moisturizes the nozzle.

C5.Y white border: The starting printing position in the Y direction of the printing material.

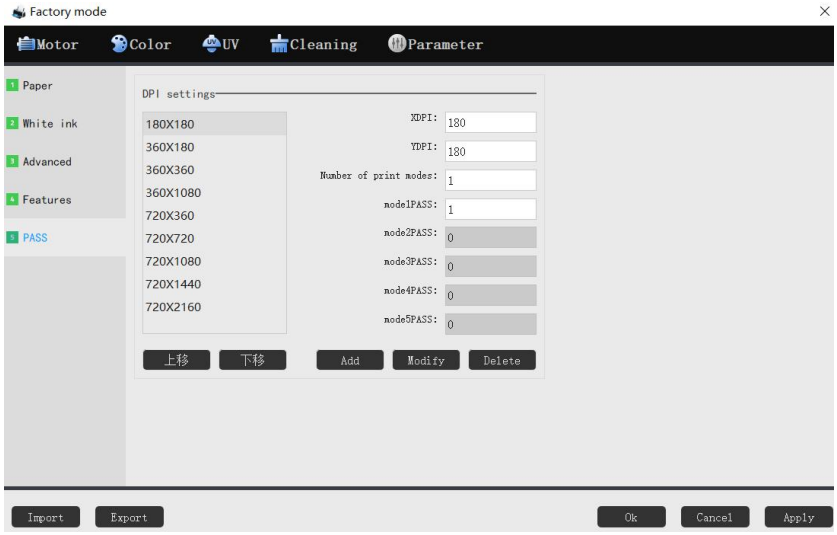
C6.White ink: Check this option if you want to use white ink.

C7.Print back: Print the current task backwards.

C8.Flash spray switch: The button that controls the flash spray on and off.

C9.Ink cartridge status: Displays the current cartridge status.

2.16.5.5. Parameter -PASS



DPI setting:DPI is the number of ink drops per inch.For example, 600 dpi is 600 drops per inch(The following is an example of 720X1080DPI).

XDPI：The number of horizontal ink drops is 720.

YDPI：The number of vertical ink drops is 1080.

Number of print modes: Corresponding to the following pattern.If you enter 1, only mode 1 is available. If you enter 5, all the following modes are enabled.It is not recommended to make any adjustment here.