

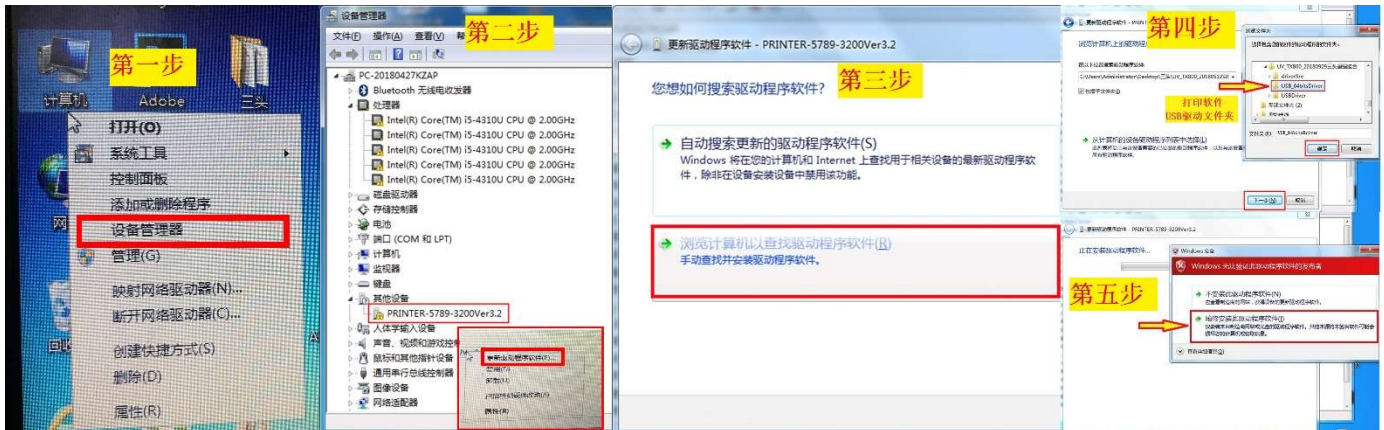
Software operation and machine debugging

1, Software driven installation	Page 2
2, Operation interface introduction	Page 3-11
3, Software debugging machine	Page 11-15
4, Carriage unit setting	Page 15-17
5, Software Adjustment	Page 18-19
6, Y-Config	Page 20-21
7, Net setting	Page 22
8, Driving setting	Page 23
9, Heads arrange	Page 23
10, Tx800 Color print head ink out sequence	Page 24

Software driven installation

Win7 system

- 1、My computer → equipment management
- 2、Find the **PRINTER-5789-3200Ver3.2** and then update the software
- 3、Manually find and install driver software
- 4、Find the file named **USB_64bitsDriver** Click ok and next
- 5、Click always install this driver software to install the software and done!



Win 10 system

- 1、Set→2、Update and security→3、Restore→4、Restart→5、Troubleshooting→6、Advanced options→7、See more recovery options→8、See more recovery options→Startup Settings→9、Restart→10、No.7 Disable driver mandatory signature



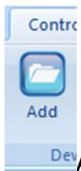
After installation click online ,then you can see this interface



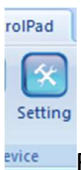
Operation interface introduction——controlpad



Whether the machine is power on or not



Add the printing picture



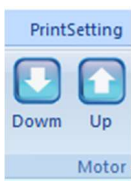
Enter to the machine debugging interface



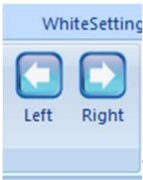
Connect the software and machine



When the carriage unit moves out, click to moisturize and it will return to the original position automatically



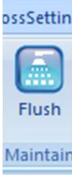
The unit moves forward and backward in the Y direction



The unit moves left and right in the X direction



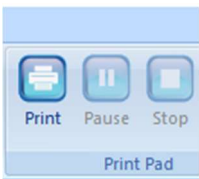
The ink stack suck and wipe the ink to clean the print head automatically, solve the problem of Poor printing.



The print head keeps the ink - jet status to wash away any ink remaining on the dirty surface. But **only for a while (about 5 seconds)**, then repeat the clean action to clean the print head thoroughly.



The ink pump do the suck action to the print head automatic

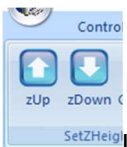
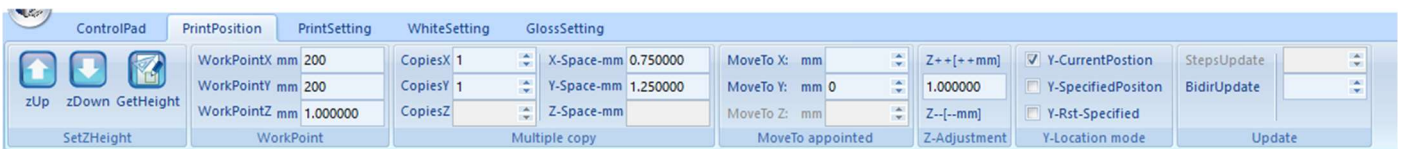


Print , pause, stop

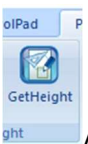


Print the status test strip of print head, Check the ink output status of printer

Print position



Unit rise and fall



Automatically measure the printing material thickness

PrintPosition		PrintSetting	
WorkPointX mm	200		
WorkPointY mm	200		
WorkPointZ mm	1.000000		
WorkPoint			

Work point X→Print from X start position by transverse direction; Work point Y→Print from Y start position by longitudinal direction; work point Z→Height of the unit when printing

WhiteSetting		GlossSetting	
CopiesX	1	X-Space-mm	0.750000
CopiesY	1	Y-Space-mm	1.250000
CopiesZ		Z-Space-mm	
Multiple copy			

Number of printed copies, XY direction the distance of printing pictures

MoveTo X: mm	
MoveTo Y: mm	0
MoveTo Z: mm	
MoveTo appointed	

Set the location of XY start print position

<input checked="" type="checkbox"/> Y-CurrentPositon
<input type="checkbox"/> Y-SpecifiedPositon
<input type="checkbox"/> Y-Rst-Specified
Y-Location mode

Y-Current position: The unit starts from the current stop position; Y-specified position: Start printing from the set Y numerical value.

Y-Rst-Specified: before print the unit goes to the origin of Y direction, then move to the setting location to print

更新步进	
更新双向	
打印更新	

Adjust the alignment of pictur's ongitudinal and transverse during printing, avoid problems of overlap or dislocation.

PrintSetting

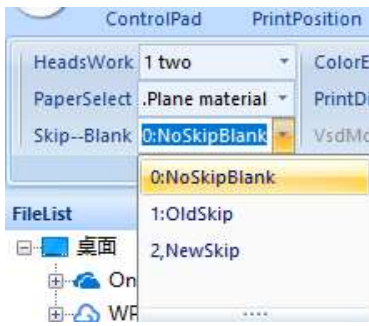
ControlPad		PrintPosition		PrintSetting		WhiteSetting		GlossSetting	
HeadsWork	1 two	ColorEx...	1,default	Velocity	2,Middle	<input type="checkbox"/> Enable	save	<input type="checkbox"/> Enable	Save
PaperSelect	1.Plane materi	PrintDir...	0:Bdir			<input type="checkbox"/> Left	Line mm 10	<input type="checkbox"/> Clean	Pass 30
Skip--Blank	0:NoSkipBlank	VsdMode	1,default VSD			<input checked="" type="checkbox"/> Right	Spacemm 10	<input checked="" type="checkbox"/> Flush	
BasicSetting				Color Bar		CleanSetting		FeatherSetting	
								<input checked="" type="checkbox"/> YGradient Save <input type="checkbox"/> Wave % 30	
								<input checked="" type="checkbox"/> K <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> CX/Lc <input checked="" type="checkbox"/> M <input checked="" type="checkbox"/> MX/Lm	
								Channel	

ControlPad		PrintPo	
HeadsWork	1 two		
PaperSelect	1 two		
Skip--Blank	(L)one (R)one		
FileList			

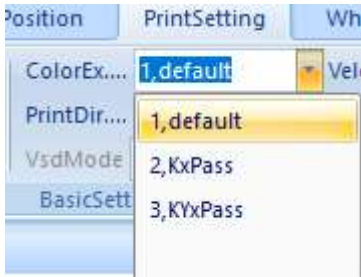
Print head setting

ControlPad		PrintPosition		Pri	
HeadsWork	1 two	ColorEx...	1,d		
PaperSelect	1.Plane material	PrintDir...	0:B		
Skip--Blank	1.Plane material				
FileList					
桌面					
On					
WF					
Rel					

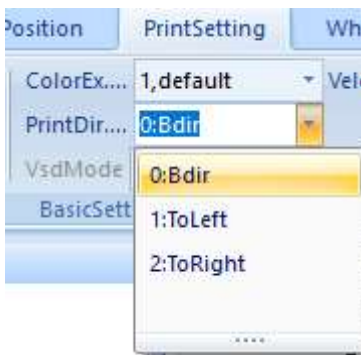
Print material Settings, general choose plane material



Print images automatically skip blank data areas, general choose 2,New skip



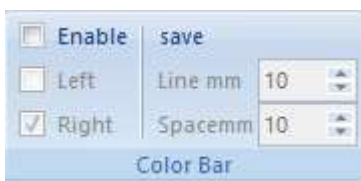
When the black→K yellow →Y ink is not enough can start doubling mode during printing



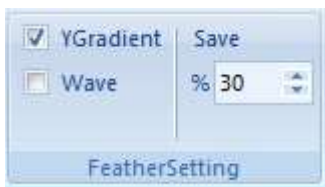
Bdir: When the unit go left or right ,the print head keep printing ink To left: The unit only printing ink when the unit go left To right: The unit only printing ink when the unit go right



Print speed options, low,middle and hight.



Print the ribbon of each color on both sides of the image, this function can prevent other ink channel block when you print a single color often.

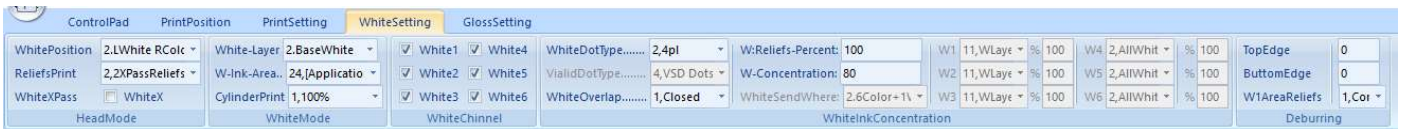


Print the picture to carry on the feather function to achieve a more subtle effect

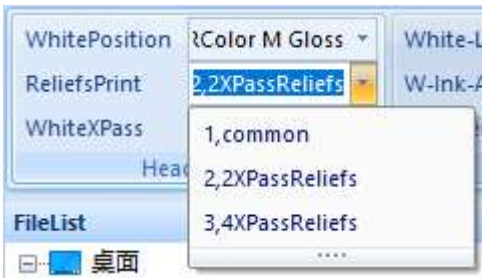


Optionally close the single color channel of the print head

White and varnish configuration introduce



According to the ink be used to choose the location of print head



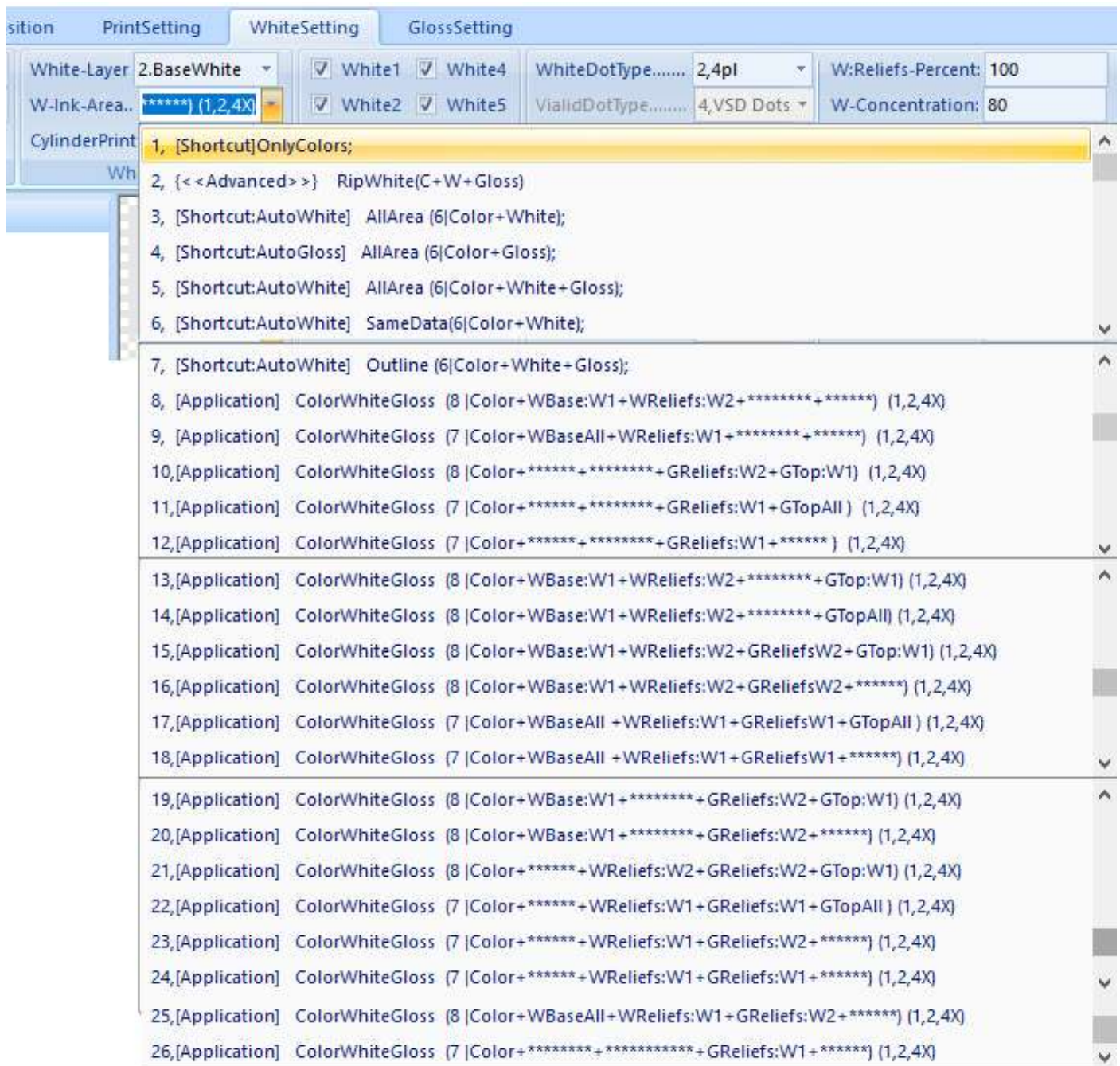
Print accuracy selection, 1 general options Fast speed and low accuracy, 2 Fine print Improve print quality, 3 High precision printing Accuracy is highest and speed is slowest



Double white ink

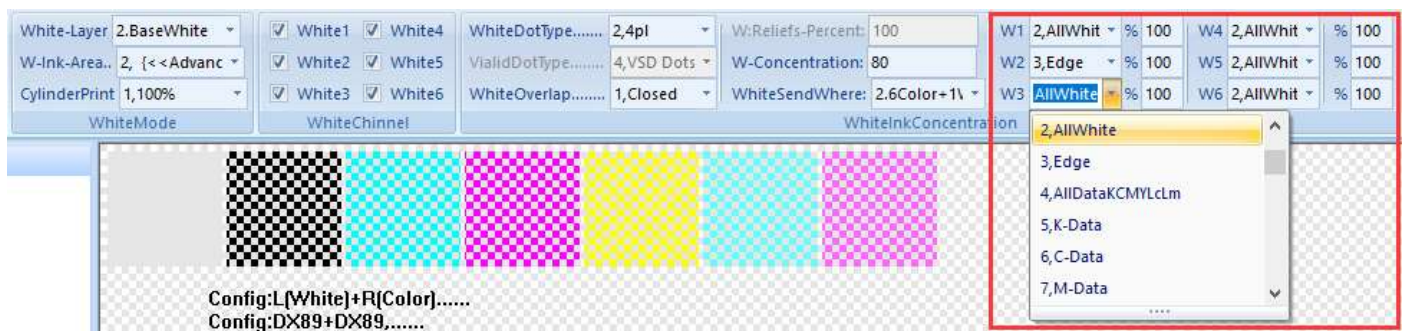


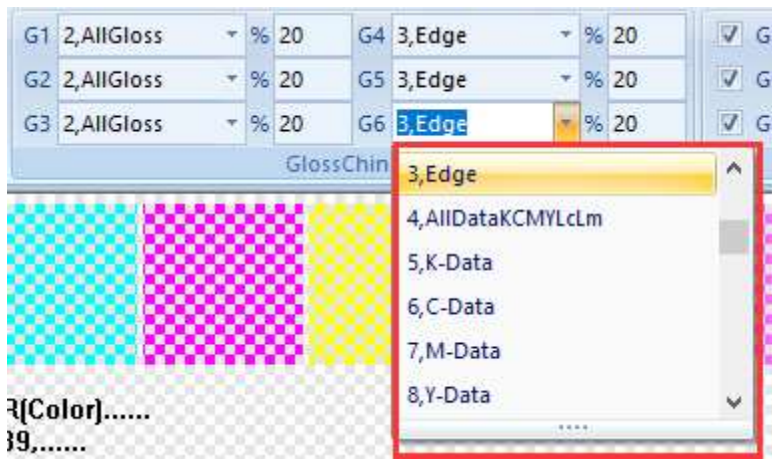
1 No white: not print white ink 2 Base white: Start with white ink, Color ink is printed on white ink 3 Cover white: Start with color ink, white ink is printed on color ink



Ps: 6 no spot channel; 7 make one spot channel W1; 8 make two spot channel W1W2

- 1, Only colors: only color print head print ink
- 2, <Advanced> RipWhite(C+W+Gloss): Custom white ink and varnish working channel, as shown in figure





- 3, [Shortcut: AutoWhite] AllArea (6| Color + White): No varnish, Whole picture with white base +color
- 4, [Shortcut: AutoGloss] AllArea (6| Color + Gloss): No white, Whole picture color+varnish cover
- 5, [Shortcut: AutoWhite] AllArea (6| Color + White + Gloss): : Whole picture with white base+varnish cover+color
- 6, [Shortcut: AutoWhite] SameData(6| Color + White): Valid data print white and color ink **(Valid data means the color area in the picture, barring pure white)**
- 7, [Shortcut: AutoWhite] Outline (6| Color + White + Gloss): Valid data print white color and varnish, automatically add frame during the picture printing for easy positioning printing

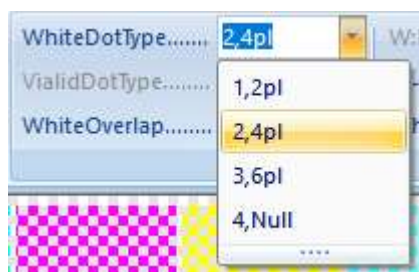
Following for using when set up white and varnish spot channels

- 8, [Application] Color White Gloss(8| Color + WBase:W1 + WReliefs:W2): Set up two spot channels, white base in W1 area, relief printing with white ink in W2 area
- 9, [Application] Color White Gloss (7| Color + WBaseAll + WReliefs:W1) : Whole picture with white base, set up one spot channel ,Relief printing with white ink in W1 area
- 10, [Application] Color White Gloss(8| Color + GReliefs:W2 + GTop:W1): Set up two spot channels ,relief printing with varnish in W2 area, varnish cover in W1 area
- 11, [Application] Color White Gloss(7| Color + GReliefs:W1 + GTopAll): Set up one spot channel , relief printing with varnish in W1 area, then whole picture cover varnish
- 12, [Application] Color White Gloss(7| Color + GReliefs:W1): Set up one spot channel ,relief printing with varnish in W1 area
- 13, [Application] Color White Gloss (8| Color + WBase:W1 + WReliefs:W2 + GTop:W1) : Set up two spot channels ,white base and varnish cover in W1 area, relief printing with white ink in W2 area
- 14, [Application] Color White Gloss (8| Color + WBase:W1 + WReliefs:W2 + GTopAll) : Set up two spot channels ,white base in W1 area, relief printing with white ink in W2 area, whole picture cover varnish
- 15, [Application] Color White Gloss (8| Color + WBase:W1 + WReliefs:W2 + GReliefs W2 + GTopW1) : Set up two spot channels ,white base and varnish cover in W1 area, relief printing with varnish and white in W2 area
- 16, [Application] Color White Gloss (8| Color + WBase:W1 + WReliefs:W2 + GReliefs W2) : Set up two spot channels ,white base in W1 area, relief printing with varnish and white in W2 area
- 17, [Application] Color White Gloss (7| Color + WBaseAll + WReliefs:W1 + GReliefs W1 + GTopAll) : Whole picture with white base, Set up one spot channel and relief printing with varnish and white in W1 area , then cover varnish on the whole picture
- 18, [Application] Color White Gloss (7| Color + WBaseAll + WReliefs:W1 + GReliefs W1) : Whole picture with white base, Set up one spot channel then relief printing with varnish and white in W1 area
- 19, [Application] Color White Gloss (8| Color + WBase:W1 + GReliefs:W2 + GTopW1) : Set up two spot channels ,white base and cover varnish in the W1 area, relief printing with varnish in W2 area
- 20, [Application] Color White Gloss (8| Color + WBase:W1 + GReliefs:W2) : Set up two spot channels ,white base in W1 area, relief printing with varnish in W2 area

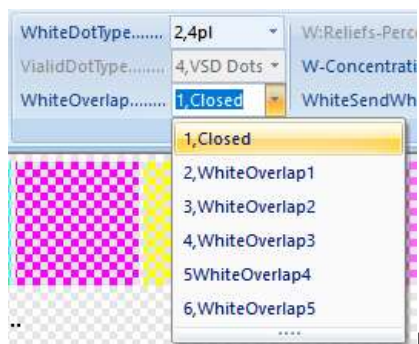
- 21, [Application] Color White Gloss (8|Color+WReliefs:W2+GReliefs:W2+GTop:W1): Set up two spot channels ,relief printing with varnish and white in W2 area, varnish cover in W2 area
- 22, [Application] Color White Gloss (7|Color+WReliefs:W1+GReliefs:W1+GTopAll): Set up one spot channel ,relief printing with varnish and white in W1 area, cover varnish on the whole picture
- 23, [Application] Color White Gloss(7|Color+WReliefs:W1+GReliefs:W2): Set up two spot channels ,relief printing with white in W1 area, relief printing with varnish in W2 area
- 24, [Application] Color White Gloss (7|Color+WReliefs:W1+GReliefs:W1): Set up one spot channel ,relief printing with varnish and white in W1 area
- 25, [Application] Color White Gloss(8|Color+WBaseAll+WReliefs:W1+GReliefs:W2): Set up two spot channels, Whole picture with white base, relief printing with white in W1 area, relief printing with varnish in W2 area
- 26, [Application] Color White Gloss(7|Color+GReliefs:W1): Set up one spot channel ,relief printing with varnish in W1 area



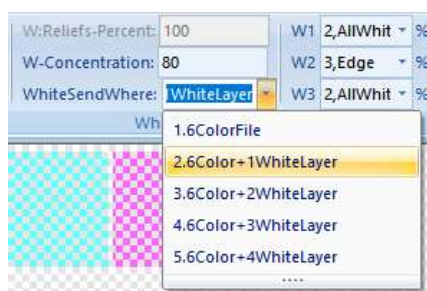
Choose the white ink channels which is out of the ink during printing



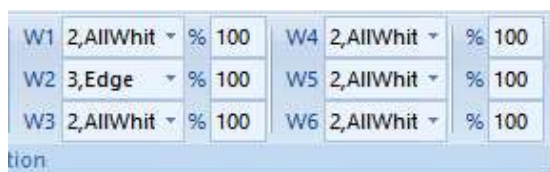
White ink point, 2pl small point 4pl middle point 6pl big point, usually uses the 4pl



Relief printing means the number of white ink stacking times. The more times you do, the relief is more thicker but the print will be slow



Choose white ink reliefs percent and white ink foundation concentration



Use No.2 <advanced> mode can choose the white ink work channels

Varnish configuration introduce

The screenshot shows the 'GlossSetting' tab in a software interface. It includes sections for 'GlossSetting' (GlossDotType: 2,4pl; GlossReliefs: 1, LittleGloss; GlossSendWhere: 2, 6Color+1GlossLay), 'CustomGlossPercent' (GlossCustomReliefs: % 100; GlossCustomCover: % 20), and 'GlossChinnel' (a grid of G1-G6 settings for AllGloss and Edge). A 'Gloss' section on the right has checkboxes for Gloss1 through Gloss6.

A close-up of the 'GlossDotType' dropdown menu, showing options: 2,4pl (selected), 1,2pl, 2,4pl, 3,6pl, and 4,空点.

Varniash quantity, usually ues 4PL

A close-up of the 'GlossReliefs' dropdown menu, showing options: 1, LittleGloss (selected) and 2, 2XReliefs.

Varniash quantity double mode selection

A close-up of the 'CustomGlossPercent' section, showing 'GlossCustomReliefs' set to % 100 and 'GlossCustomCover' set to % 20.

Choose varnish reliefs percent and varnish cover concentration

A close-up of the 'GlossChinnel' grid, showing settings for G1, G2, G3, G4, G5, and G6, each with a dropdown menu and a percentage value (e.g., 2, AllGloss % 20).

Use No.2 <advanced> mode can choose the varnish work channels

A close-up of the 'Gloss' section, showing checkboxes for 光油1, 光油2, 光油3, 光油4, 光油5, and 光油6, with a label '面板3' below.

Choose the channels which is out of varnish during printing

Software debugging machine

Mechanical adjustment

System Config

Software Adjustment **HardwareAdjustment** ZCarSetting Y-Config Net Setting DriverSetting Heads arrange

Inkstack-Setting

☐ UpDownMotorClose ☒ ScrapingMotor ☐ J2_IO+GND Loop

X-PumpingPosition
PumpPos: 440 CurrentPos: 439:15.49mm

Z-Plat-Height
Capping: 6500 Wiping: 3000

Scraping Position
Position1: 980
Position2(ZMN): 1000

Back Next Test Apply

PumpSetting

Pumpingtime: 2000 ms

1:Intensity: 100% 50 %

2:Intensity: 50 %

☒ SelectPumpLR,when cleaning Apply Test Pause %

FlushSetting

☐ waiting flushing Frequency: 18 Hz Apply

One Pump interval time: 812 Minute

XMoveSetting

MaxLenght: 32766 1155 mm Apply

Mode1: 1.SmallDots

Mode2:

Frequency: 0 Dots

SpeedUpdistance: 0 KHz

20000:(12000-25000),Frequency should <=120KHz

☒ XMotorRatioSetting: 20000 Steps Test 8409 dots

VerticalAdjustment

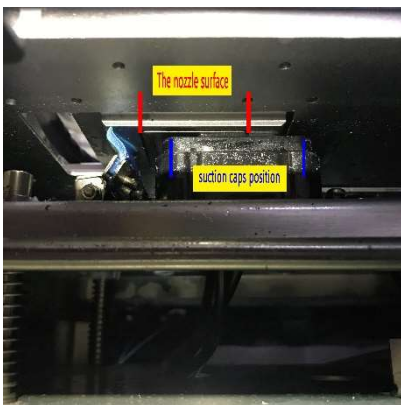
HeadHorizontalTest KKMVCC_358TEST

LeftHead-LeftVertical LeftHead-RightVertical RightHead-LeftVertical RightHead-RightVertical

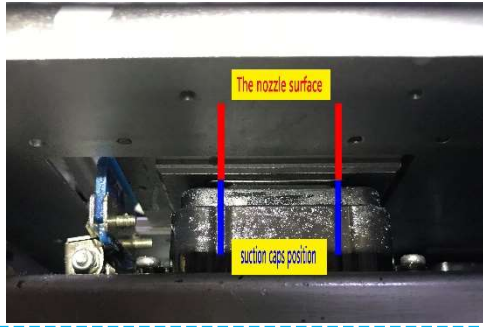
GlossHead-LeftVertical GlossHead-RightVertical

1, Do not check the automatic lifting ink stack

2, PumpPos 440 Adjust the position of car print head and suction caps to align



←The print head is staggered with the suction cap, reduce the numerical then the



unit will go right.

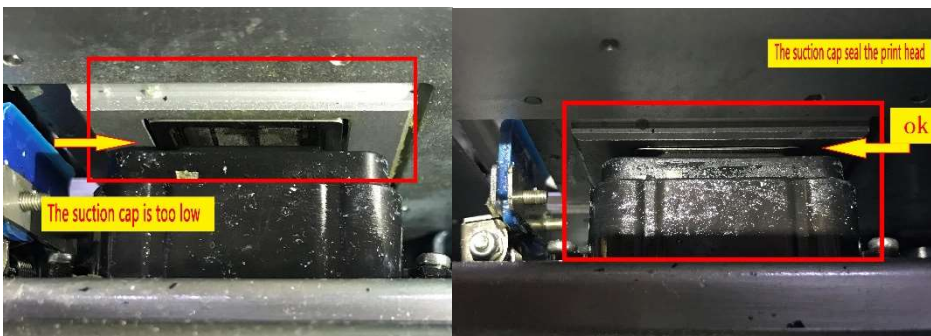
← Make it alignment

3, CurrentPos 439:15.49mm

According to the grating value the unit moving in the X direction, the further away from the origin the larger the value

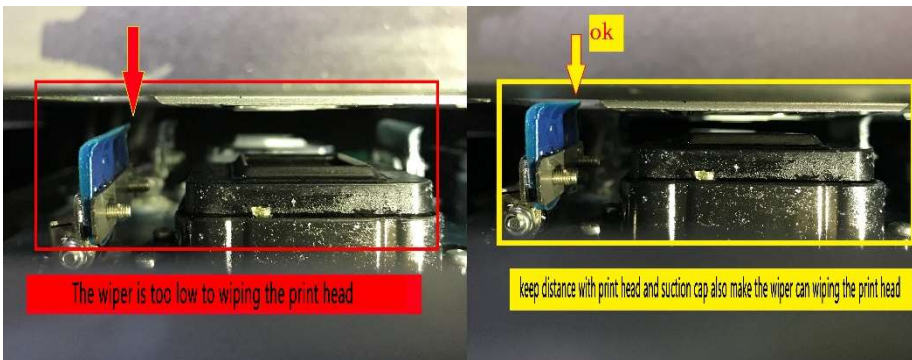
4, Z-Plat-Height 6500

The height of sution cap raise to seal the print head



5, Wiping 3000

Wiper height: The raise height of the wiper to wiping the print head, make the wiper can wiping the print head but the print head is separated from the suction cap.



6, DownUpSpeed SeparateSpeed 6 CloseSpeed(ZMN) 30 Apply

The down up speed of carriage unit

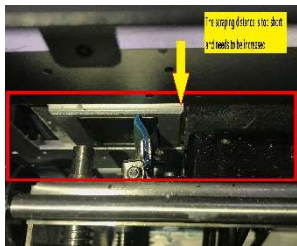
XScrapeingSpeed

XMoveDistance

XMoveSpeed KHz SpeedUpDistance

7,

Move distance when the unit is cleaning and scraping



Wiping speed: the moving speed of the unit when scraping ink

PumpSetting

Pumpingtime ms

1:Intensity 50 %

2:Intensity 50 %

8,

Pumping time: Automatic pumping ink time during cleaning;

The ink pump intensity: Strength of ink drawing

Choose the pump ink channel during cleaning: Choose which pump to clean

FlushSetting

☐ waiting flushing Frequency Hz

One Pump interval time Minute

9,

Check this option,automatic flash after

restart,avoid print head blockage

XMoveSetting

MaxLenght mm

10,

Limit the maximum distance the

unit can move in X direction



Move the unit to the farthest distance

View the current grating location

CurrentPos

XMoveSetting

MaxLenght mm

Fill in the number

click apply, done!

XMoveSetting

MaxLenght: 32766 1155 mm

Mode1: 1.SmallDots

Mode2: [dropdown]

Frequency: [dropdown]

SpeedUpdistance: [dropdown]

☒ XMotorRatioSetting

[dropdown]

11, Print speed Settings: choose 360 DIPSpeed

Mode2: 4.360DIPSpeed(Low)

Frequency: 38 155868Dot 0.705556m/s

SpeedUpdistance: 65535 95KHz 2311.929167mm

Low speed 38

Mode2: 5.360DIPSpeed(Middle)

Frequency: 48 155868Dot 1.058333m/s

SpeedUpdistance: 65535 142KHz 2311.929167mm

Middle speed 48

High speed 58

Mode2: 6.360DIPSpeed(High)

Frequency: 58 155868Dot 1.234722m/s

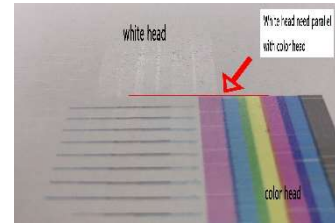
SpeedUpdistance: 65535 166KHz 2311.929167mm

12, ☒ XMotorRatioSetting 20000 Steps Test 8409 dots Automatic test motor gear ratio: fill the number 20000, if motor test number is between 1200~2500, then the gear set is right

VerticalAdjustment

HeadHorizontalTest

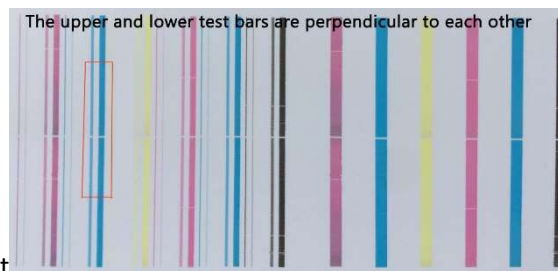
13, Calibrate the two heads horizontally parallel,



14, X moving direction and Y's are perpendicular during printing

LeftHead-LeftVertical LeftHead-RightVertical RightHead-LeftVertical RightHead-RightVertical

GlossHead-LeftVertical GlossHead-RightVertical



Click test, Move print head slightly to adjust and test ← Adjust to figure

Carriage unit setting

System Config

Software Adjustment
HardwareAdjustment
ZCarSetting
V-Config
Net Setting
DriverSetting
Heads arrange

Z-Car-Setting

☐ ZMotorClose
☐ ZRstWhenFindPosition

☐ XMove Z to Top
☒ XMoveZ to PrintHeight

Speed Ratio(Pulse:mm) 20000 : 20 mm
ZSpeed 20 KHz 1000 Pluse

CurrentPosition 111300:111.300mm
CloseHeight 111300
HeightPlatform 111300
HeightClean 111300
MaxHeight 120000 120.000mm
HeightPrint 109967 1 mm

(PlatHeight-PrintHeight)*mm/Pulse
ZKeySpeed 12 KHz
☒ OutKeyEnable

UVLed Setting

☐ ColorFlush

LastScanfUV-flat: 1,Close 8
LastScanfUV-Cylinder: 1,Close 8

☒ SpaceOn
☐ OnAll
☐ OffOn 1,12MHZ

☒ Lprint-RledOn
☐ Rprint-RledOn
☒ Onedir_TwoDirLedOn
☒ Lprint-LledOn
☒ Rprint-LledOn

Openelect 1440 50.8 mm

DL 6400 225.778 mm DR 3200 112.889 mm
AL 3200 112.889 mm AR 6400 225.778 mm

RightLedIntensity 100%
LeftLedIntensity 100%

The higher the adjusted impulse value, the closer the unit is to the flatbed (The optimal distance is 2mm from the flatbed of the print head) Test the best position and click apply to save

Z-Car-Setting

1, ☐ XMove Z to Top ☒ XMoveZ to PrintHeight Please turn on the print head motor

X Move Z to Top: move the unit, the unit automatically rises to the highest point then moving left or right

X Move Z to PrintHeight: move the unit, the unit rises to the set height of Z then moving left or right

Speed Ratio(Pulse:mm) 20000 : 20 mm
ZSpeed 20 KHz 1000 Pluse

CurrentPosition 199900:199.900mm
CloseHeight 199900
HeightPlatform 199900

2, Set gear ratio of 20000 first,

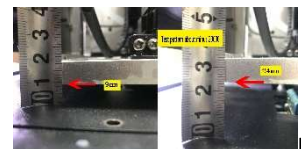
For example the close height is 199900 , Change the value minus 20000, CloseHeight: 179900

Take a ruler and measure the distance between the unit bottom and the flatbed, click test, minus 20000

Pulse z moving distance is 15mm , Fill the value into the gear ratio

Speed Ratio(Pulse:mm) 20000 : 15 mm
ZSpeed 20 KHz 1000 Pluse

click save



CurrentPosition	111300:111.300mm	
CloseHeight	111300	TEST Apply
HeightPlatform	111300	TEST Apply
HeightClean	111300	TEST Apply
MaxHeight	120000 120.000mm mm	TEST Apply
HeightPrint	109967 1 mm	TEST Apply

3, Close Height: The unit falling height Height Platform: The car descends to the platform's height (It is recommended to set the distance above 2mm to the platform)

Max Height: the farthest distance for Z axis goes down

(Suggest Clean height close height and height platform to be consistent)。

Restart the line and slowly move the head to the left. Confirm again that the height of the print head is more than 2MM above the flatbed to ensure the safe distance of the print head)

ZKeySpeed	12 KHz	Apply
<input checked="" type="checkbox"/> OutKeyEnable		

4, Check the ✓, Machine out key can control the head lift

<input type="checkbox"/> ColorFlush	
LastScanfUV-flat:	1,Close 8
LastScanfUV-Cylinder:	1,Close 8

5, When printing textile or bottles, UV lamp extended irradiation time by tailing

<input checked="" type="checkbox"/> SpaceOn	<input type="checkbox"/> OnAll	<input type="checkbox"/> OffOn	16, 关调频
<input checked="" type="checkbox"/> Lprint-RledOn	<input type="checkbox"/> Rprint-RledOn	<input checked="" type="checkbox"/> Onedir_TwoDirLedOn	
<input checked="" type="checkbox"/> Lprint-LledOn	<input checked="" type="checkbox"/> Rprint-LledOn	Apply	

6, UV lamp space on: The UV light is on when printing; On All:UV lamp keeps on; Off On: UV lamp keeps close
 L print-R led on: right light on when printing to the left R print-R led on: right light on when printing to the right
 L print-L led on: left light on when printing to the left R print-L led on: left light on when printing to the right

Opendedict	1440 50.8 mm	Apply
------------	--------------	-------

8, The UV lamp illuminates in advance before printing



9, According to UV lamp specifications, measure the distance and fill in

RightLedIntensity	100%
LeftLedIntensity	100%
Apply	

10, Control UV light intensity

Software Adjustment

System Config

Software Adjustment HardwareAdjustment ZCarSetting Y-Config Net Setting DriverSetting Heads arrange

Print Mode

2,6Color+4WhiteLayer ☒ KCMYLcLm-Long 2.XDPI=360 1.VSD1 +VSD1 Mod: 2.Mid Speed 3. 3dots, 2bits

Heads Space

W+C:Left 11 Left[K0(K)-K1(KW)] W+C:Right 0 Right[K0(K)-K1(KW)] W+C:Base 2208

G+C:Left 10 Left[Gloss1~6-K1] G+C:Right 0 Right[Gloss1~6-K1]

Bi-Dir

25 Test

L_R Adj

KW CW MW YW LCM LMI 1.KW base K2 C2 M2 YW LC2 LM2 1.K base

W+C:AdjLeft 0 3 3 5 5 5 L-H(123...) 0 0 0 2 1 2 L-Hr(hl1-hr(123...))

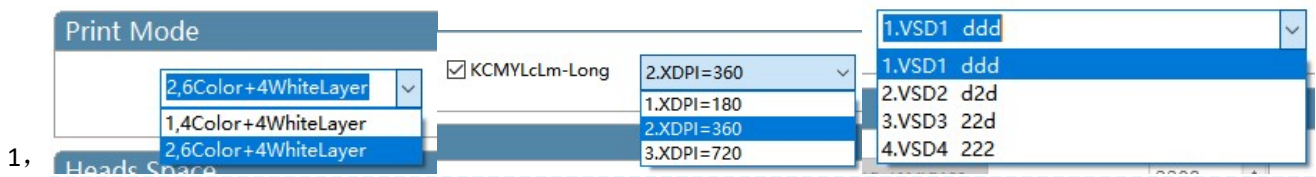
W+C:AdjRight 0 -2 1 0 1 0 R-H(123...) 0 0 2 0 2 1 R-Hr(hl1-hr(123...))

☐ K1 ☐ K2 ☐ C1 ☐ C2 ☐ M1 ☐ M2 ☐ K3 ☐ K4 ☐ C3 ☐ C4 ☐ M3 ☐ M4

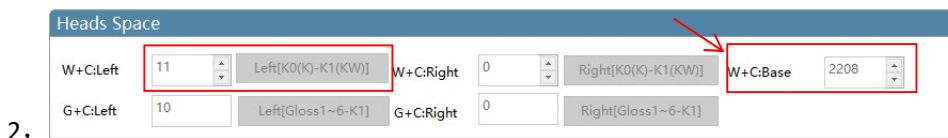
G1 G2 G3 G4 G5 G6 GlossAdj:Left Save Back Next

G+C:AdjLeft 0 0 0 0 0 0 GlossAdj:Right

G+C:AdjRight 0 0 0 0 0 0



Select print mode based on print configuration and ink (Select the best color printing mode according to the company suggestion, Please do not change it.)



W+C:Left: Move to the left and print color to align with white

The calibration is based on the left head, make sure the white and color has a left interval of 0, click the test and observe the test bar, find the number where the color blocks overlap, add or subtract the original value of the white and color datum, save, **Calibration standard is the test bar 0 position color blocks overlap into a straight line.**

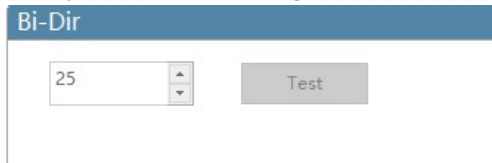


W+C:Right: Move to the right and print color to align with white

Click the test bar to directly fill in the original value and add or subtract



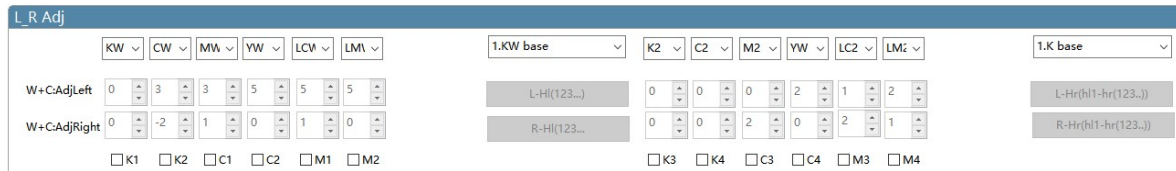
Print the picture at left and right intervals, then manual calibration



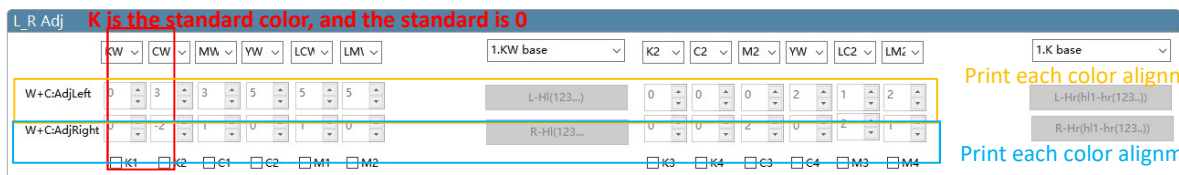
3,

Print the color alignment of the unit to the left and to the right, same with test bar, fill in the numerical add or subtract

4,



Move the white and color head to print left and right, color calibration for each channel, K is the reference color "0", click test, observe the test bar, fill in the numerical add or subtract



☐ K1 ☐ K2 ☐ C1 ☐ C2 ☐ M1 ☐ M2

☐ K3 ☐ K4 ☐ C3 ☐ C4 ☐ M3 ☐ M4

5,

When the test bar appears logical inverse, click the channel, correction logic, please do not check any channel in normal time

Y-Config

System Config

Software Adjustment HardwareAdjustment ZCarSetting **Y-Config** Net Setting DriverSetting Heads arrange

Y-Motor Config

Frequency: 1 Div ☐ Y SkipOnePass

PrintYMoveSpeed(KHz): 20 SpeedSpace(Steps): 1000

PaperYMoveSpeed(KHz): 30 SpeedSpace(Steps): 2000

Ypass-Adj

PASS count: 6 Pass 0

Pluse:mm: 100000 Pulse: 52.08 mm ☒ related

PaperName: 1.Plane mater Pic Lenght: 50 mm

Printed Lenght: 49.6 mm ☐ IDC_CHECK_REBACK

Y-Plat-MaxEable

☒ Y ZeroMax Enable ☐ NeedPaper(at Y Zero)

Max(steps): 7340031

MaxYlenght(mm):

CurrentPosition(steps): Steps:255 mm:-29.86

☐ Conveyor belt Mode Y position

XY-Org-Adj

X-Org-Adj: 230 mm

Y-Org-Adj: 30 mm

Y-Pass-Delay

Dots Sel: 1.SmallDots

XDPI-Sel: 3. 720 XDPI

Velocity-Se: 2. MidleSpeed...

Pass-Sel: 6PASS

Delay ms: 0 ms

Optocoupler-Config

☐ X-Optocoupler ☒ at Org ☐ NeedPaper--Optocoupler

☐ Y-Optocoupler ☐ at Org ☐ Z-Motor-Dir

☐ Inkstack-Optocoupler ☐ at Org ☒ Y-Motor-Dir

☐ Scraping-Optocoupler ☐ at Org

☐ Z-Car--Optocoupler ☐ at Org

☐ Prevent impact ☐ Polar ☐ at Org

☐ Z-TestHeightPolar ☒ at Org

PinConfig

1.Xorg(J4),Yorg(J5),DownUpOrg(J3),ScrapeOrg(0),PaperOrg(J4),Zorg(Car1R),ZCarMotor(J12,J4),ShengjiangM(J1),LoopOrg(J2) 防撞(Car1L)(测高JV2)YCSYZTSOWIT

1, Print and paper running speed Settings

Ypass-Adj

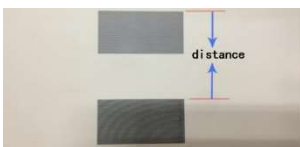
PASS count: 6 Pass 0

Pluse:mm: 100000 Pulse: 52.08 mm ☒ related

PaperName: 1.Plane mater Pic Lenght: 50 mm

Printed Lenght: 49.6 mm ☐ IDC_CHECK_REBACK

2, Calibrate the Y print step, fill in the number, click test, measure the distance between the two color blocks



Fill in the measured distance, save

PaperName: 1.Plane mater

Pic Lenght: 50 mm
Printed Lenght: 49.6 mm

3, Correct the paper step again. For example: Plot the length of Y is 250mm, The actual size of the printing is 249, Check the $\sqrt{\quad}$ compensation again

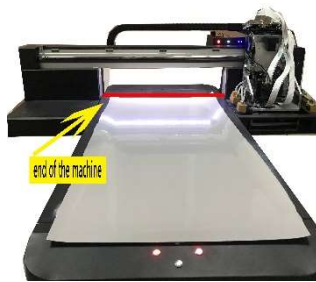
XY-Org-Adj

X-Org-Adj: 230 mm

Y-Org-Adj: 30 mm

4, X,Y-Org-Adj: set the origin of XY to be 0, print the location

image, measure the distance of XY starting point and the starting location that needs to be located, Input corresponding value, click save (If the print image exceeds the registration point, you need to subtract the corresponding value at the XY origin compensation, or add the opposite)



5, Fill the current position with the "maximum advance value", use 24bit

Max(steps)	1251453	Read
MaxYlength(mm)		Apply20bit
CurrentPosition(steps)	Steps: 1251453 mm: 62	Apply24bit

6,

Y-Pass-Delay

Dots Sel

1.SmallDots

XDPI-Sel

3. 720 XDPI

Velocity-Se

2. MidleSpeed...

Pass-Sel

6PASS

Delay ms

0

ms

Save

Y-Pass-Delay: When unit print to the left, it will stop for a time delay before continuing to print to the right

7,

Optocoupler-Config

☐ X-Optocoupler

☒ at Org

☐ Y-Optocoupler

☐ at Org

☐ Inkstack-Optocoupler

☐ at Org

☐ Scraping-Optocoupler

☐ at Org

☐ Z-Car-Optocoupler

☐ at Org

☐ NeedPaper-Optocoupler

☐ Z-Motor-Dir

☒ Y-Motor-Dir

☐ Prevent impact

☐ Polar

☐ at Org

☐ Z-TestHeightPolar

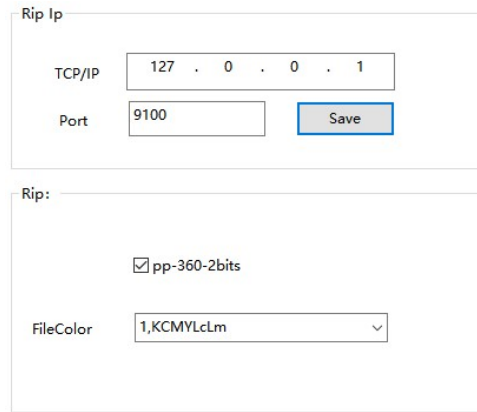
☒ at Org

Read

Apply

Optocoupler polarity is set according to different types of optocoupler, if the optocoupler does not respond, need to check the optocoupler polarity, please do not change under normal circumstances

Net setting



Rip Ip

TCP/IP 127 . 0 . 0 . 1

Port 9100 Save

Rip:

☒ pp-360-2bits

FileColor 1,KCMYLcLm

Print directly on montop's drawing,

Net setting setting method:

After the first printing file was sent by montop, the port was not added and the printing could not be completed. The method is as follows:



(click to open the small computer in the lower right corner of the computer) Or open montop one by one.

Montop--MON-mt_mon **operational procedure-management-the port set-Setting TCP port-Add the** port-IP address 127.0.0.1

Detection-Jump out of the 9100 port number-Successfully adding

Driving setting

System Config

Software Adjustment

HardwareAdjustment

ZCarSetting

Y-Config

Net Setting

DriverSetting

Heads arrange

4.新版车板程序和V502, VSD+VSD,4地址线,左右分开波形库

TestLineDriver

1.720X360:Driver

360-VSD

Drv: 1 drv:DX5UV2

ImportDriver

3 drv:D9-S-H02

ImportDriver

W1V: 1 w1v:20to15dwate

ImportDriver

2 w1v:20to15dwate

ImportDriver

W2V: 4 w2v:20to15dwate

ImportDriver

1 w2v:20to15dwate

ImportDriver

WuV:

ImportDriver

ImportDriver

360X360

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X540

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X720

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X900

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X1080

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X1260

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X1440

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X1620

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X1800

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X1980

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

360X2160

1.VSD1_ddd 9pl

1.VSD1_ddd 9pl

720-VMD

Drv: 4 drv:GZX_XP_002

ImportDriver

4 drv:D9-S-H

ImportDriver

W1V: 1 w1v:GZ_WATER_E

ImportDriver

1 w1v:20to15dwate

ImportDriver

W2V: 3 w2v:UVXP_003

ImportDriver

4 w2v:20to15dwate

ImportDriver

WuV:

ImportDriver

ImportDriver

720X360

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X540

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X720

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X900

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X1080

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X1260

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X1440

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X1620

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X1800

1.VSD1_ddd 9p

1.VSD1_ddd 9p

720X1980

1.VSD1_ddd 9p

1.VSD1_ddd 9p

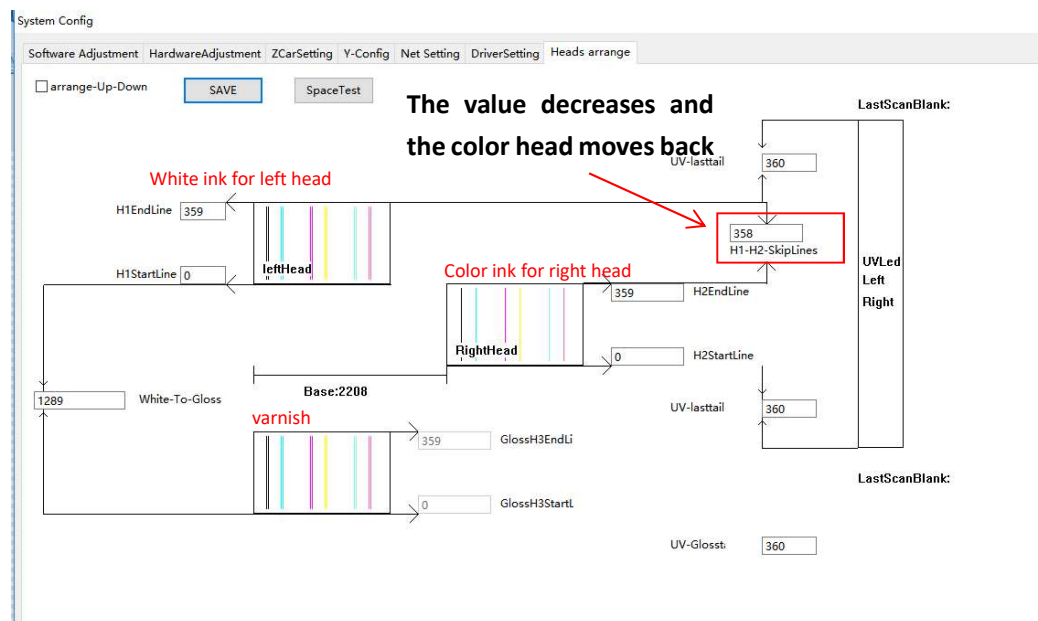
720X2160

1.VSD1_ddd 9p

1.VSD1_ddd 9p

Print drive choose 360 ddd9PI, white ink and varnish use drv.DX5UV2 inkjet driver, color use drv.GZXP6-LIGE10
This configuration depends on the ink selection, please do not change it

Heads arrange



After vertical adjustment of print head, Painting found before or after white ink and color ink have dislocation, can be adjusted by the print dislocation interval value, software to alignment;

Adjust the white ink on the left head as the benchmark, reduce the value and move the color ink back (The length of the ink hole of the TX800 print head is 360)

Tx800 Color print head ink out sequence

