R1000 & R3000 Thermal Transfer Overprinter



OPERATION AND MAINTENANCE MANUAL

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4.1

Significant Issues

- Before operating the machine, please read the instruction manual carefully to understand how to activate the machine and how to have the machine's each consisted parts functioned, and operate it correctly in strict accordance with the instructions.
- When the machine is powered on, it is prohibited to plug or unplug any cables!
- At the same situation, plug or unplug the carbon tape box is also prohibited for avoiding any damage on the printer head.
- For getting the best and favorable printing, it is suggested to use ribbon and accessories in specific type. If using ones that is not recommended, it may lead to the breakdown of the machine or a less favorable printing result.
- Any machine breakdown caused by wrong operation is not covered by the product warranty.
- This series is not welcomed any personal disassembly or refit, all the specialized operation should be guided under special trained person.

Safety Notes

After the coding machine is powered on, there is high voltage inside the machine. Personnel without professional training and unauthorized personnel are prohibited from maintaining and disassembling the equipment to avoid accidents.

When installing the printer, you must install a ground wire and make sure your ground wire is reliably connected to the ground underneath; if not connected, the machine may not work properly.

Do not place the ribbon under direct sunlight or store it in high temperature (over 35° C), otherwise the printing effect and shelf life of the ribbon will be affected.

If the ribbon breaks during use , please stop printing immediately and open the ribbon box to reinstall another new one. Check if there is no other mistake, then wait for a restart.

If the printing effect of the print head is unclear or the printing lines are missing, troubleshooting is required. Do not touch the print line position of the print head directly with your hands, and do not wipe it back and forth. For the correct steps, please refer to the subsequent chapter about cleaning method of the print head.

The following symbols are used in this manual. If these symbols appear next to a procedure or caution, they have the same importance as written warnings and tips.



Protective work clothing must be worn. Use suitable protective gloves. View the relevant Safety Data Sheet (SDS).



The device must be disconnected from the power supply.

This step should only be completed by trained personnel.

Beware of electrostatic discharge (ESD). Anti-static measures must be taken.

- Wear a grounded anti static wrist strap.
- Do not wear clothing that may accumulate static voltage.
- Use anti static (ESD) protective bags when shipping printed circuit boards.
- Printed circuit boards should only be placed on mats made of materials that eliminate static voltages and are properly grounded.

\land attention please

Please read this operating manual carefully to avoid losses before using this thermal transfer printer.

Preface

This is the manual for the thermal transfer printer R1000&R3000, hope it will help while the printer is working. This instruction manual is used to guide operators how to use the coding machine. It contains the following content:

Terms and Conditions	Precautions for using the coding machine		
Machine introduction	Introducing the components of the coding machine		
Installation Notes	Introducing the coding machine and ribbon installation		
Starting the Coder	Describes the general quick operations of the coder,		
	starting/stopping the coder.		
Instructions Detailed explanation on how to create/edit printin			
	and printer-related settings		

How to use this manual

Before when you first use the printer, please read this manual carefully and pay attention to relevant matters ; if you encounter problems during use, please read the corresponding chapters and mark diwn the relevant problems; if you still cannot solve the problem , please contact us .

Our company reserves the right to regularly update the contents of this manual without prior notice. The updated content will be added to the new version of the manual.

Note : Equipment failure caused by wrong operation in accordance with this manual is not covered by the product warranty.

Chapter 1 : Precautions for using the coding machine

Thank you for using this coding machine . In order to protect your personal safety, Successfully facilitate the installation and use of the machine, and ensure that you can make full use of the functions of this machine , for your rights and interests, please read these instructions for use carefully.

1.1 Installation Precautions

- 1.1.1 The power supply of the coding machine should avoid sharing with other equipment. It is recommended to install an uninterruptible power supply (UPS);
- 1.1.2 The bracket for fixing the coding machine should avoid being installed in a position where there is vibration or swing ;
- 1.1.3 High-quality printing requires a smoothly operating production line or conveyor belt;
- 1.1.4 Install a height guide plate on the production line to prevent the printed matter from hitting the print head and causing damage to the equipment;
- 1.1.5 Ensure that the coding machine is well grounded;
- 1.1.6 The recommended distance between the guide plate of the coding machine body and the object to be printed is 0.5-2.5mm, distance of 0.2mm id tacitly approved.;
- 1.1.7 When installing or removing the ribbon , please make sure to insert the ribbon at an angle of 15° to avoid damage to the ribbon ;
- 1.1.8 Do not use the machine for a long time in an environment with excessive dust. If the environment cannot be changed by the customer, the dust on the equipment must be removed regularly.



1.2 Operation precautions

- 1.2.1 It is prohibited to poke or collide with hard objects on the touch screen;
- 1.2.2 The optical sensor of the equipment must not be blocked, otherwise printing will be impossible ;
- 1.2.3 When the printing effect is missing or blurred, please use non-woven cloth to wipe the nozzle surface;
- 1.2.4 When the printing position changes, please set the printing delay to achieve the best printing effect;
- 1.2.5 Do not insert, unplug or move the ribbon while printing to avoid damage to the machine circuit ;
- 1.2.6 It is strictly prohibited to use compressed air to directly clean the touch screen. High-pressure compressed air will damage the touch screen;
- 1.2.7 It is strictly prohibited to use compressed air to clean the ribbon directly or indirectly , as it will cause damage to the ribbon ;
- 1.2.8 When the coding machine fails, please refer to the solutions to common problems in Chapter 7. If you still cannot solve the problem, please contact our after-sales service department .

Chapter 2 : Installation

Instructions of product equipment and ribbons .

2.1 Equipment introduction

a. The dimensions of the R1000&R3000 control panel are as shown in Figure 2-1 :



Figure 2-1 Control Panel Dimensions

b. The dimensions of the print host of R1000&R3000 are as shown in Figure 2-2 :



Figure 2-2 Printing Machine Size

Chapter 3 : Port Introduction

3.1 External Port



Figure 3-1 R3000 Machine External Expansion Interface Indication Diagram

RS-232 interface (DB9): 1 DB2_UART_RXD 2 DB3_UART_TXD 3 DB5_GND

3.2 Technical Specifications

Type Parameters	R1000 (R1032 & R1053)		
	Operating Mode	Electric Drive-Continuous	
	Print Mode	Thermal Transfer	
	Print Head Width	32 mm(1.3 inches)	53 mm(2.1 inches)
	Print Spacing	0.5mm(0.02 inches)	
	Ribbon Type	Wax Ribbon, Resin Ribbon, Mixed Ribbon	
Printing	Ribbon Width	Minimum 20 mm(0.8 inches) Maximum 35 mm(1.4 inches)	Minimum 20 mm(0.8 inches) Maximum 55 mm (2.2 inches)
Parameters	Ribbon Length	Common lengths: 400m, 600m, 800m, 1000m, 1200m	
	Print Area	32mm (1.3 inches)Wide * 200mm (7.9 inches)Long	53mm (2.1 inches)Wide * 200mm (7.9 inches)Long
	Printing Speed	50 mm/sec (2 in/sec) - 800 mm/sec (32 in/sec)	
	Print Resolution	300 dpi (12 dots/mm)	
	Print Content	Text, time, date, pattern, shift, serial number, dynamic barcode/QF code, dynamic serial port data, dynamic database (other contents can be added as required)	
	Print Substrate	High barrier film, stick packaging, sealed bags, sealed packaging, pouches, metalized labels, decorative labels	

	Operating System	Embedded Linux secure operating system		
Machino	Display Screen	10-inch color display, indust	rial touch screen	
	Main Hardware	American TI AM3358 indus Spant9 industrial-grade FPG	trial-grade CPU, American Xilinx A, TTO special ASIC chip	
	Standard Communication	USB, RS232, TCP/IP network interface (supports network remote centralized control management, docking weighing machine/conveyor/paging machine/packaging machine/enterprise resource planning database/drug supervision code/anti-counterfeiting traceability system)		
	External Interface	optical sensor, encoder, flip and reverse control, signal light alarm output, serial number output control, external printing information selection		
Parameters	Print Installation	Independently install the thermal print head, equipment of anti-collision components is feasible		
	Supported Languages	Supports more than 40 nation Arabic, Danish, German, Ru Japanese, Spanish, Italian, et	nal languages (Chinese, English, ssian, French, Finnish, Korean, c.)	
	Power Parameters	Input 100-240V AC		
	Machine Material	Aviation grade aluminum		
	Machine Weight	Coding machine 5.0 kg Controller 2.4 kg	Coding machine 5.1 kg Controller 2.4 kg	
	Working Environment	Temperature 0-45 °C/ Humid	ity 30-70%Rh	
	Related Certifications	RoHS, CE, FCC, EAC DOO	C, EAEU ROHS	

Type Parameters	R3000 (R3032 & R3053)		
	Operating Mode	Pneumatic Drive-Intermittent/Continuous	
Printing Parameters	Print Mode	Thermal Transfer	
	Print Head Width	32 mm(1.3 inches)	53 mm(2.1 inches)
	Print Spacing	0.5mm(0.02 inches), Minimum 0.1 mm (0.004 inches)	
	Ribbon Type	Wax Ribbon, Resin Ribbon, Mixed Ribbon	
	Ribbon Width	Minimum 20 mm(0.8 inches) Maximum 35 mm(1.4 inches)	Minimum 20 mm(0.8 inches) Maximum 55 mm (2.2 inches)

Ribbon Length	Common lengths: 400m, 600m, 800m, 1000m, 1200m	
Print Area	32mm (1.3 inches)Wide * 200mm (7.9 inches)Long	53mm (2.1 inches)Wide * 200mm (7.9 inches)Long
Printing Speed	50 mm/sec (2 in/sec) - 800 mm/sec (32 in/sec)	
Print Resolution	300 dpi (12 dots/mm)	
Print Content	 Text, time, date, pattern, shift, serial number, dynamic barcode/QR code, dynamic serial port data, dynamic database (other contents can be added as required) High barrier film, stick packaging, sealed bags, sealed packaging, pouches, metalized labels, decorative labels 	
Print Substrate		

	Operating System	Embedded Linux secure operating	g system	
	Display Screen	10-inch color display, industrial to	ouch screen	
	Main Hardware	American TI AM3358 industrial- Spant9 industrial-grade FPGA, T	grade CPU, American Xilinx FO special ASIC chip	
	Standard Communica tion	USB, RS232, TCP/IP network interface (supports network remote centralized control management, docking weighing machine/conveyor/paging machine/packaging machine/enterprise resource planning database/drug supervision code/anti-counterfeiting traceability system)		
	External Interface	Optical sensor, encoder, flip and reverse control, signal light al output, serial number output control, external printing informat selection		
Machine Parameters	Print Installation	Independently installed thermal print head, equipment of anti-collision components is feasible		
	Supported Languages	Supports more than 40 national languages (Chinese, Engli Arabic, Danish, German, Russian, French, Finnish, Korea Japanese, Spanish, Italian, etc.)		
	Power Parameters	Input 100-240V AC		
	Machine Material	Aviation grade aluminum		
	Machine Weight	Coding machine 7.0 kg Controller 2.4 kg	Coding machine 7.1 kg Controller 2.4 kg	
	Working Environme nt	Temperature 0-45°C/ Humidity 30	0-70%Rh	
	Related Certificatio ns	RoHS, CE, FCC		

Chapter 4 : Quick Start Guide

This chapter takes the R3 00 0 series machine as an example to introduce how to use the coding machine simply and quickly: including quick operation and preparation and inspection work before and after use .

4.1 Confirm before use

Serial Number	Matter	Confirm work		
1	Machine stand	Is the mounting bracket of the coding machine locked and is the production line running stably? Is the platform stable?		
_ Coding	Coding	Is the printer position correct, and is the print head surface parallel to the object being printed ?		
2	position	Is the printing distance controlled within 2 mm or less ?		
2	Ribbon	Is the ribbon wrapped as shown in the diagram, and is the ribbon placed in the correct position?		
3	position	Is the surface of the ribbon wiped clean , and is the RFID chip attached to the exact location of the ribbon ?		
4	4 Input power	Is the main power of the external input of the controller stable? Is the matching adapter used?		
4		Is the power input line of the DB37 coding machine stable ? Adapter used matching?		
5 Coding information	After the screen is unlocked, is it available to start the printing switch? Is it successful to send and print after editing the information?			
	information	Check the printer information, is the operating smooth and stable? Is the display interface complete? Is the screen touch effective ?		
6	Optical sensor position	Is the Optical sensor sensing distance installed reasonable? Is the photoeye trigger type correct?		

4.2 Quick steps

Order	Step Name	Detailed Description	
0	Set air pressure	 The air pressure on the printer should be set to within 4 bar (4 bar / 58 Psi) Locate the air pressure regulator. Make it closer to the coding machine, connect its air inlet with a PU air pipe of an outer diameter of 4mm. Read the air pressure value displayed on the air pressure regulator. The value should appear as the set value. If the regulator dial does not display the correct value, pull out the air regulator control knob and turn it clockwise to increase air pressure, or counterclockwise to decrease air pressure. 	

		• Press down on the control knob to lock it.
1	Turn on the power	Press the circular power switch on the lower left corner of the controller, then the blue LED (power) on the printer lights up. During this period, the screen will light up and the screen startup time will be about 20 seconds. During this period, the brand logo information will be displayed, and then the main page of the controller will be displayed, and the machine status will be displayed as "machine status is normal".
2	Ribbon identification and installation	 Loading the ribbon is divided into two parts, including taking out the printer ribbon cassette and loading the ribbon roll on the printer ribbon cassette. Press the round black release button on the front of the printer. As soon as the button clicks, the ribbon cartridge installed on the printer body is released. At the same time, the screen displays a red alarm prompt of "ribbon cartridge open". Before installing the ribbon, place the ribbon into the RFID sensing area of the consumables and wait for the information to be read successfully. After success, a pop-up window will appear. Place the ribbon cassette on a flat surface with the ribbon spindle facing up . Slide the full spool into the frame with the black disc, and wind the ribbon clockwise around the roller to unfold the ribbon. Wind it from the outside of the ribbon roll, around the outside of the roller closest to the ribbon roll, around the outside of the ribbon box. Continue to wind forward, around the outside of the second roller, around the outside of the enepty reel. Hold the ribbon cassette and stop it above the printer body. Align the guide pins on the ribbon cartridge back on the printer body, and you will hear a "click" sound, which proves that the ribbon cartridge has been installed. The control interface displays the ribbon calibration process. After the calibration is completed, the status bar switches to "Machine Status Normal" to complete the process of loading the ribbon. Notice: The ribbon must run between the print head and the white push rod spool. The ribbon, make sure that the ribbon does not become slack. There are discs of different colors on the spool of the ribbon cassette, black discs for new ribbon rolls and silver discs for empty ribbons.

3	Home Unlock	Turn on the power switch, as shown in Figure 4-1, click the "Unlock" icon in the lower right corner to unlock the screen and enter the system main interface.	Martine 19402-2024 Martine 18800 normal Not Connected Press Pirit Start Pixel Print Count Print Count Pri
4	Home page - Information editing	After the device is turned on, enter the main interface of the system. Click "Main Menu" to display hidden options. You can see "Information Editing", "File Management", "Print Parameters", "Machine Parameters", "Service Menu", "Return to Home Page" "As shown in Figure 4-2 ; Click the "Information Edit" button in the "Home" column; then click the "Insert Text" button , as shown in Figure 4-3 .	Image: Big of the status normal in the Connected in the status normal in the status normal in the connected in the status normal in the s
5	Insert text	As shown in Figure 4-4, after clicking the "Insert Text" button, you can enter the printing content in the "Text Content" column or directly select "Common Text" (such as Pro.date), adjust the size, direction and other parameters of the printing content, "click"After pressing the "OK" button, the system will return to the "Information Editing" interface and enter the next step.	Menu 24 02 2024 Machine allow remeils Not Connected Press Print Start Print Pro. date Image: Cancel Image:

6	Send to print - Start printing - Press to print	As shown in Figure 4-5, after inserting the text to be printed, click the "Send Printing" button, and the status bar will prompt "Send Printing Successfully"; Figure 4-6, press and hold the green "Start Printing " button for about 2 seconds and release it. The green "Start Printing " button will change to a red "Stop Printing " display, and " Press to Print " will turn green, and it will enter the printing state.	Memu 24:02:3024 (09:10:08 Machine status memati Not Connected Press Pres State Press Pro. date MSG Charms 271 MSG Charms 2
7	Stop printing	As shown in Figure 4-7, after printing, press and hold the "Stop Printing" button for about 2 seconds and release. The red "Stop Printing" button will change to a green "Start Printing" display, and the device will stop printing.	Menu 24/22-2024 (93:243) Machine status pormat Not Connected Press Print Start Print Pro. date MSG Name: newLinnsg MSG Columns 271 MSG Columns 271 MSG Line 58 Scale Ran(%) 300 % Joo Joo % Joo % Joo % Kend New Save Insert Insert Figure 4-7 Figure 4-7 Figure 4-7
8	Turn off the power	stopping printing, turn off the d	levice's power switch

4.3 Check after use

serial number	matter	checking work
1	Machine	Is the screen controller powered off? Has the main body of the printer
	power supply	been powered off?
2	Adjust	Check whether the platform is loose and whether the printing distance
	platform	has changed?
2	Machine	Keep the machine clean and replace consumables in time to ensure
5	cleaning	printing quality and machine life
4	Print head cleaning	In order to ensure the high quality and consistency of machine printing, it is recommended to clean the print head after each roll of ribbon is printed, using a cotton ball or soft cloth soaked in Isopropyl alcohol solution to wipe it . Note: The print head can only be removed when the power is off to prevent hot swapping from burning the print head. For detailed steps on cleaning the print head, refer to the engineer's maintenance manual.

~	Substrate	If the printing operation is not carried out for a long time, the substrate such as the printing attachment film must be kept clean and free of		
5	cleaning	sediment, otherwise the contaminated substrate will affect the printing effect.		

4.4 Precautions

- Pay attention to the temperature and humidity of the environment in which the machine is used. It is recommended that the temperature be between 5-35°C and the humidity be between 20%RH~85%RH while printing. Avoid working at too high or too low temperatures or in environments with high humidity.
- Pay attention to the specifications and types of consumables, choose suitable label paper and carbon tape for the machine, pay attention to seal, avoid dust, and store at room temperature when using.
- Pay attention to the voltage and current of the machine. The protective device should be connected. The shell and the internal circuit should be insulated to prevent static electricity to avoid equipment damage caused by abnormal power supply.
- If you need to replace parts of the machine, be sure to give priority to using original parts and replace them correctly in accordance with the instructions.
- Before printing, the inside of the machine needs to be cleaned to avoid dust and impurities from affecting the print quality.
- The ribbon should be avoided from being too loose or tight to reduce the risk of ribbon breakage, ribbon jamming, etc.
- After printing multiple rolls of ribbon, if the print quality problem appears, you can first cut off the power and perform the cleaning steps of the print head. After completion, reinstall and power on to observe whether the printing effect is improved.

Chapter 5 : Coding machine operating instructions

This chapter introduces the detailed operations of the printer , including: information editing, file management, printing parameters, machine parameters, and service menu .

Print Parameters Machine Parameters Message **Files Storage** Services Τ Т Т Send Print Message Files Print Settings System Settings System Upgrade New Message Pattern Files **Print Quality** Date Format Drive Upgrade T Fonts Files Screen Calibration Save Message Print Counting Time Format Data Files **Ribbon Parameters** Insert Text Base Format Prints Settings L Insert Clock **Report Files** Print Mode Month Code **Events Records** Insert QR Code Week Code Advanced Menu T L Insert Bar Code Hours Code User Management T Т Insert Pattern Minutes Code Т Insert Shift Common Texts L Serial Number Commun Settings Τ Insert Database Т Insert GSI Code Ι Weight Price Random Number I Insert Field

Insert Group

5.1 Home page and main menu interface

Connect the controller to the printer , press the power switch of the controller, and after the device is turned on, click the "Unlock" icon button. The system lock interface will be released and the home page will be entered (Figure 5-1).

Click the "Main Menu" button, and the main menu will drop down to hide options (Figure 5-2). Click the corresponding interface name to enter a new interface. Click "Return to Home Page" to pull up and hide the main menu options. Start print (Stop print) Press Print

Message

Files Storage



Machine Parameters	System settings , date/time/base format, month/week/hour/minute codes , commonly used text, communication settings and other settings. (See step 5.5 for details)
Services Menu	System upgrade, driver upgrade, screen calibration, print settings, event recording, advanced menu, user management and other operations. (See step 5.6 for details)
Homepage	Click to pull up to hide the main menu options.

5.2 Information editing



	f Menu	24-02-2024 10:19:39	Machine status normal	Not Connected	Press Print Start Print
		1 1 ¹⁰ 1 1 1 ¹⁵ 1	20 1 25 1 30 1 1 35 1		MSG Name: new1.msg
	-				MSG Columns 0 MSG Lines 0
	-				Scale Ratio(%)
	10-				100
	-				
	रूप स् अन्त श्र	t Weight	Random Insert		100 % 100 % Ribbon RFID Meters: 100 %
	GS1 C	ode Price	Number Field		
			Figure	5-5	
	The size of	of the edi	ting area can be zo	omed from 5%	to 400% . You can
Information	also viev	v the in	formation name,	number of inf	formation columns,
parameters	number of	t information (t	ation rows, remain	ing ribbon, RI	TD remaining, and
	Each time	vou edit	and change the int	formation you	need to click "Send
Send Print	for Print"	to update	the print content.	ionnation, you	need to ener Send
Create new information/message	Create a t the config module b landscape mode (at t	new mess gured pri ackgroun mode (th this mome	sage and edit the m inting parameters d transparent (edite he height is 32mm ent the height is 321	essage name . with the new a ed content can at this momen nm) 32mm hor	You can also share message, make the overlap), switch to t)/switch to portrait izontally).
Save	Save the c	current pr	inting information f	for easy recall l	ater. Be sure to save
information/message	the compi	led inform	nation before creati	ng new inform	ation.
Insert Text	Insert Text Information content that users need to print can be inserted and			serted and edited .	
Insert Clock	Date or ti	me can be	e inserted in differen	nt formats for p	rinting .
Insert Field	printed fro	om the se	rial port or scanner		
Insert QR Rode	Insert QR	, DataMa	rtix, PDF417 and o	ther QR codes.	
Insert Barcode	Insert EA	N13/14, U	UPCA, CODE11 an	d other barcode	es.
Insert Pattern	Insert patt	ern files	from USB flash dri	ve or local devi	ce.
Insert Shift	Create shi	ft codes i	n a 24-hour clock s	ystem format.	
Insert Serial Number	Create a information	serial n	umbering system	and insert the	at system into the

Insert Database	Print the .TXT (text file, tab-delimited), .CSV (comma-delimited) or xlsx document specified in the local or USB disk file line by line .
Insert GS1 Code	Insert a GS1 compliant barcode.
Weight Price	Connect external devices (such as weighing machines) and insert string, weight, and price data information.
Insert Random Number	Insert a randomly refreshed number within 9 digits.
Insert Group	You can edit different groups and set a group of data. Data can be edited in advance and optional after editing and import. Information can be added/decreased by group and attribute settings.

5.2.1 Insert text

Click the Text" button to the text interface. information that need to print c inserted and Users can adju required font si themselves. Depe on the selected the font size ran controlled 5-400 . You can the position of the through the screen or accu position it through X-axis and positions. Note incomplete p will occur in editing area beyo printing range. C select the text the text. (As sho Figure 5-6)

Click the "Insert							
"ext" button to enter	menu	24-02-2024	Machine status	normal	Not Connected	Press Print	Start Print
he text editing			20 125 130	1 1 1 35 1 1	1 ⁴⁰ 1 1 ⁴⁵ 1 1 150		
nterface. The	-					Text content	Please enter text
nformation that users	- 5_					•	
eed to print can be	-					Texts	•
nserted and edited.	10 1					Space	◀ 0 ►
Jsers can adjust the	- 55_					Font	Abyssinica : -
equired font size by	-					Direction	0
nemselves. Depending	20						
in the selected font,						Font Size	50
he font size range is						X-axis	0
ontrolled within	- 30					Y-axis	0
-400 . You can move		Y	Ť)) i conto	·
he position of the text	Cancel	ОК D	elete Copy	J			
nrougn the touch			F	igure :	5-6		
creen or accurately				U			
osition it through the							
A-axis and Y-axis							
ositions. Note that							
ncomplete printing							
vill occur in the							
diting area beyond the							
rinting range. Click to							
elect the text to edit							
be text (As shown in							
Sigura 5 6							
Iguie 5-0)	C1: 1- 41	D1	4 4	4 1	A Ct 41		11
	Click the	e Please en	iter text inpu	t box.	After the inp	but method	keyboard
Text content	pops up,	enter the	information	that ne	eds to be pr	inted (the g	globe 1con
	in the lo	ower left	corner of th	e keyt	board, click	to switch	the input
	method)						
C	Call con	nmonly us	ed informati	on tex	t (Pro.date	, Exp.dat	e, Batch
Commonly used text	NO.)	•				•	-
	Adjust th	ne snacing	hetween for	nts in tl	he text (_30	~ 30) The	larger the
Adjust Space	value. th	e larger th	e spacing	110 111 11	IC ICAL (-30 /	<i>50)</i> . The	inger the

Select Font	Select different installed fonts as needed		
Set direction	Set font o	prientation (0-360 ° rotation)	
font size	Set the font size (the settable range is $5 \sim 400$)		
X, Y axis position	The posi accuratel	tion of the text can be moved through the touch screen or y positioned through the X-axis and Y-axis positions.	
	Cancel OK	Return to the previous menu. Identify the text message in the message	
Function key options	Delete Copy	Delete selected text information. Copy the text information in the current text edit box .	

5.2.2 Insert clock



Clock content	Choose to insert date or clock information
Date format	Select the date format, you can choose yyyyMMdd, yyMMdd, ddMMyyyy, ddMMyy and other formats, or you can edit and add formats as needed (Figure 5.7)
Time format	Select the time format, you can set hh: mm: ss, hh: mm, hhmmss, mmss, ss and other formats, or you can edit and add it as needed (Figure 5.8)
Clock skew	Users can set a certain clock offset and print a certain clock. This clock is a clock (date) derived based on the master clock (machine time). The date offset is accurate to the hour, so that the production date can be updated in advance.
Base selection	You can set the time and date to be displayed in hexadecimal, decimal or other base formats.

Note : The clock offset function can print the time before the machine's main time or the time after the main time. (This function is commonly used for printing food, fresh products and other products)

Set direction	Set font orientation ($0-360^{\circ}$ rotation).		
Font size	Set the font size (the settable range is 5 to 400).		
Select font	Select different installed fonts as needed .		
Adjust spacing	Adjust th value, the	e spacing between fonts in the text (- $30 \sim 30$). The larger the larger the spacing .	
X, Y axis position	The position precisely	tion of the text can be moved through the touch screen or positioned through the X-axis and Y-axis positions.	
Function key options	Cancel OK Delete Copy	Return to the previous menu. Make sure to enter clock/date information in the message. Uncheck Enter clock / date information. Copy the text information in the current text edit box .	

5.2.3 Insert field

Click "Insert Field" to insert field	Menu 24-02-2024 10:44:14	Machine status normal	Not Connected	Press Print	Start Print
information in the				Field Source	Scanner -
magaaga through field	Fleldo			Field Length	6
	<mark></mark>			Field ID	0
information obtained	-			Current Field	
externally to achieve	10 -			Character	ascii -
field printing.				Alignment	Left Alignme -
	-			Font	Abyssinica : -
When clicking "Field				Direction	0 •
Source" to select the				Space	4 0 b
scanner as the field	- 125			Font Size	50
source, click the "Add	-			X-axis	0
Field" button a field	- 			Y-axis	0
displayed as "Field0"			Þ		
uispiayed as Fleidu	Cancel OK De	lete		Add Field	Update Data
will appear in the					

annon minting aliting	Elanua 5 0					
screen printing editing	rigure 5-9					
the "Add Field" button	▲··· 24-02-2024					
the number of inserted	Image: Menu Inc.44:47 Machine status normal Not Connected Press Print Start Print Image: Menu 10:44:47 Image: Menu 10:44:47 Image: Menu Not Connected Press Print Start Print					
fields will	Field Source Protocol					
continuously	Field Length 6					
increasing , as shown	Field ID 0					
in Figure 5-9;	Character ascii -					
	- Alignment Left Alignme +					
When the "field	Font Abyssinica : *					
source" selects the	Binection 0 V					
serial port, the						
operation is the same.	X-axis 0					
However, the inserted	× auto View View View View View View View View					
blank field is displayed						
as "NULL". When data	Cancel OK Delete Add Field					
is sent inrough the	Figure 5-10					
content will be						
displayed As shown in	Menu 24-02-2024 10:45:36 Machine status normal Not Connected Press Print Start Print					
Figure 5-10.	0mm 1 5 1 10 1 15 1 20 1 1 25 1 1 25 1 1 25 1 1 25 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 1 25 1 1 25 1 1 25 1 1 25 1 1 25 1 1 25 1 2					
8	FIELOO Separator ;					
When clicking "Field	Cancel OK					
Source" to select the	- E					
scanner as the field						
source, click the "	5					
Update Field" button,	- 8					
and the screen will						
Eigura 5 11 Thora will	<u>छ</u> -					
he text fields	- - -					
delimiters and other						
options:						
	Figure 5-11					
Field source	The field source can be selected from " code scanner " or from " serial					
Field length	The length of the field display.					
Field ID	When the field source selects the serial port, the serial port data field					
	number is selected .					
	ASCII uses pre-generated ASCII fonts when printing. The advantage					
Character set	of this method is that it is faster; Unicode can print characters					
	containing Chinese or other non-ASCII codes, but the disadvantage is					
	that it cannot be typed so fast.					
Alignment	You can choose left or right alignment					
Select font Select the font type for display (printing).						

Set direction	Set the font direction $(0^\circ, 90^\circ, 180^\circ, 270^\circ)$.		
Adjust spacing	The spacing between data values .		
Font size	Set the font size for display (printing).		
X, Y axis position	The position of the text can be moved through the touch screen or accurately positioned through the X-axis and Y-axis positions.		
Add field	Add multiple fields (one field is shown in Figure 5-9).		
Update field After clicking Update Field, scan the code with a cod obtain the new field. This function is only valid when the field is a code scanner (Figure 5-11).			
Function key optionsCancelIf you do not want to enter the insertion field, you to the previous menu .OKConfirm to insert the field information into the me			
	Delete Deletes the selected field.		

5.2.4 Insert QR Code



	Figure 5-13
Barcode type	QRcode, DataMatrix, MicroQRcode, PDF417, PDF417TRUNC, MICROPDF417 codes can be selected.
Insert content	Information content such as text, time, serial number, shift, data file, serial port data, etc. can be inserted . If you need a QR code such as WeChat or website, you can also enter the content through the QR code .
Note : Multiple texts, t into QR codes and bar	times, serial numbers, shifts and other information can be inserted codes, but only one database can be loaded .
lattice size	Is performed based on the lattice size of the QR code, rather than customizing the height and width.
Barcode size	You can choose automatic size or specific size specifications such as $21*21$, $33*33$, etc.
X, Y axis position	The position of the text can be moved through the touch screen or precisely positioned through the X-axis and Y-axis positions .
Barcode direction	Set the direction of barcode printing (0° , 90° , 180° , 270° rotation).
Border style	You can choose from three modes: blank, top and bottom borders, and surrounding borders .
Invert color selection	Create a contrasting color with the color of the inserted QR code.
Border size	The size of the red border outside the QR code
Fault tolerance level	It refers to the ability of a QR code to be scanned even if part of it is blocked. The higher the error tolerance, the more parts of the QR code can be blocked. Fault tolerance levels are divided into: L, M, Q, H. (H is the highest level of error tolerance. If you choose H, the ability of the QR code to be scanned will be stronger)
Select a document	Files to be imported can be selected
Function key options	CancelReturn to the previous menu.OKMake sure to insert the QR code in the message.DeleteDelete QR code information.CopyCopy the QR code.

5.2.5 Insert Barcode



Barcode type	EAN13/13x/14 code, CODE11/39/128/16K/49/93 code, UPCA/E, EXCODE39, Flattermarken, VIN, NVE18 and other codes			
Insert content	such as text, time, serial number, shift, data file, serial port data, etc. can be inserted. If special content needs to be inserted into the barcode, the content cannot be entered through the barcode. The corresponding barcode can only be inserted by inserting a picture.			
line width	Scale based on the original image, not a custom width .			
Barcode height	Adjust the height of the barcode in the range of 0~64. Note that it will become the minimum or maximum value beyond the printing range.			
X, Y axis position	The position of the text can be moved through the touch screen or precisely positioned through the X-axis and Y-axis positions .			
Barcode direction	Set the direction of the QR code (0° , 90° , 180° , 270° rotation).			
Border style	You can choose from three modes: blank, top and bottom borders, and surrounding borders .			
Invert color selection	A contrasting color to the color of the inserted barcode.			
Text stretch	Set text stretching and text fixing under barcodes.			
Character spacing	Increase or decrease character spacing .			
Border size	The size of the red border outside the barcode.			
Alignment	You can choose center, left-aligned, right-aligned, and justified.			
Left and right blank	The distance between the left and right blanks.			
Hidden text	Whether to hide the text content of the barcode.			
Font size	Set the font size for display (printing).			
Select font	Select the font type for display (printing).			
Function key options	Cancel OKReturn to the previous menu without entering the barcode.OKMake sure to enter the barcode in the message.DeleteDelete barcode information.CopyCopy barcode.			

5.2.6 Insert Pattern

Click the "Insert
Pattern" button to
select a pattern in the
pattern memory and
insert it into the text
message. Note that a
red frame will appear
in the editing area if
beyond the printing

range ;	Menu 24-02-2024 Machine status normal Not Connected	Press Print	Start Print	
The format for inserting pictures		The image file File Source	e is corrupted, ple	
only supports .bmp	8	Select File	-	
format, and the size		Scaling (%)	100	
nictures should not		Inverse	No *	
exceed 4M. (As shown	- 8	Direction	0	
in Figure 5-17)		Width	0	
	8. -	Height	0	
	- स्र	X-axis	0	
		Y-axis	0	
	Cancel OK Delete Copy			
	Figure 5-17			
Document source	There are two options including local files and USB	disk file	s.	
Select a document	Find the corresponding picture name in the local finand insert the picture.	le or USI	B disk file	
Scaling ratio	Scale based on the original image instead of customizing the height and width .			
Pattern reverse color	A color that contrasts with the color of the inserted	pattern.		
Pattern direction	Set the orientation of the picture (0 °, 90 ° , 180 ° , 270 ° rotation).			
Pattern width	Insert the width of the image.			
Pattern height	Insert the height of the image.			
X, Y axis position	The position of the text can be moved through the precisely positioned through the X-axis and Y-axis	he touch positions	screen or	
Function key options	CancelReturn to the previous menu without inserOKMake sure to insert the pattern into the meDeleteDelete pattern information.Copycopy pattern.	ting a patessage.	ttern.	

5.2.7 Insert Shift

Click the "Insert Shift" button to create shift code information
and add or subtract
shifts. Up to 6 shifts
can be added. There
cannot be any overlap
in time between
adjacent shifts. (As
shown in Figure 5-18 and 5-19)
shifts. Up to 6 shifts can be added. There cannot be any overlag in time between adjacent shifts. (As shown in Figure 5-18 and 5-19)

	Image: Menu 24-02-2024 11:00:33 Machine status normal Not Connected	Press Print Start Print
	⁰ /μm,	Shift Code AAA Start time 00 00 End time 04 00
	- - -	Space
	- - - 8	Direction 0 -
	- - -	Font Abyssinica : -
		X-axis 0
		Y-axis 0
	Cancel OK Delete	Add Remove Shift Shift
	Figure 5-18	Press Print Start Print
	Prm, 15, 1101:12 Prm, 15, 110, 12, 20, 125, 130, 135, 140, 145, 150, 1 Prm, 15, 100, 150, 150, 150, 150, 150, 150,	Shift Code AAA BBB
	BBB	Start time 00 00 04 0 End time 04 00 08 0 4 + + + +
	- -	Font Size 50
	- -	Space
	- - 	Direction 0 -
		Font Abyssinica : -
		X-axis 0
		Y-axis 0
	Eiguro 5, 10	Shift Shift
Shift code	Shift codes can be entered according to user needs. BBB)	(Example: AAA,
Start time	Enter the hours and minutes of the starting time system format.	in 24-hour clock
End time	Enter the hours and minutes of the starting time system format.	in 24-hour clock
increase frequency	More shifts can be derived from the created shift coo	le.
Note : In the inserted s	hift, the time between adjacent shifts cannot overla	р.
Reduce shifts	Deletion of derived shifts.	
Font size	Set the font size (the settable range is $5 \sim 400$)	
Adjust spacing	Adjust the spacing between fonts in the text (-30 \sim value, the larger the spacing.	30). The larger the
Set direction	Set font direction (0°, 90°, 180°, 270°)	
Select font	Choose different fonts as needed, and the select installed fonts.	ctions are already

X, Y axis position	The pos precisely	ition of the text can be moved through the touch screen or positioned through the X-axis and Y-axis positions .
Function key options	Cancel OK Delete	Return without inserting a shift Return to the previous menu Make sure to insert the shift in the message. Delete shift information .

٦

5.2.8 Insert Serial Number

Т

Click the "Insert Serial Number" button to create a serial number, and the system will insert the	Menu 24 12 0 0 0 0	02-2024	Machine status normal	Not Connected	Press Print Number Leading Zeros Base Direction Font Size Font	Start Print Serial Numt - Yes - DEC - 0 - 50 Abyssinica : -
serial number into the information. Serial numbers with the limit value 1 less than the limit value 2 will increase in sequence, and vice versa . On the	Cancel O	K Delete	Copy Figure 5	5-20	Space X-axis Y-axis Control	
serial number control page, you can click the "Serial Number Control" button at the bottom of the picture (or click "Return to Home Page" in the "Main Menu" and click the "Serial Number Control" button on the home page) to enter the serial number control interface. (As shown in Figure 5-20, 5-21)	Import 1 Import 1	-02-2024 1:06:41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Machine status normal + + + 4 ³ - + + + 4 ³ - + + + 4 ³ - + + + + 4 ³ - + + + + + + + + + + + + + + + + + + +	Not Connected	Press Print Number Limit 1 Limit 2 Step Size Current Value Repeats Current Repeat Update More Properties	Start Print Serial Numt • 0 1024 1 0 0 0 Reset
			Figure 5	5-21		
Serial number	Number the support edit	created s ing of 2 to	erial numbers. 7 9 4 serial numbe	T1, T2, and Te	5 series n	nodels all
Fill the first bit with 0	Whether ze can select Y	ros need t es or No.	to be padded in	n front of the s	erial nun	nber, you
Base selection	You can (hexadecim	set the nal), DEC	time and dat C (decimal) or	te to be dis other base form	played ats.	in HEX

Set direction	Set font direction (0°, 90°, 180°, 270°)			
Font size	Set the font size (the settable range is 5 to 4 00)			
Select font	Choose different fonts as needed.			
Adjust spacing	Adjust the spacing between fonts in the text (- $30 \sim 30$). The larger the value, the larger the spacing.			
X, Y axis position	The position of the text can be moved through the touch screen or precisely positioned through the X-axis and Y-axis positions .			
Serial number control	 Limit value 1 : The starting value of the sequence number. Limit value 2 : The ending value of the sequence number. Set step size : The difference between adjacent numbers. The current value: The current serial number value. repeat times : The number of times the serial number being printed is repeated before printing the next serial number. Current repeat : the number of repeat prints of the current serial number. Update : Update the value of the serial number Reset : Reset the serial number to 0 			
Function key options	CancelReturn to the previous level without inserting the serial number.OkMake sure to insert a sequence number into the message.DeleteDeletes the serial number information.CopyCopy serial number.			

5.2.9 Insert Database

Click the "Insert	f Menu	24-02-2024 11:10:50	Machine status no	ormal	Not Connected	Press Print	Start Print
Database" button to enter		, ¹⁰ , , , , ¹⁵ , ,	20 1 25 1 30 1		40, , , , , , , , , , , , , , , , , , ,	Edit the optrie	a cc ront d
the interface shown in	-						sient u
Figure 5-22 . Click "Select	5					Select Eile	
File" to select the .TXT	-					Select File	
(text file, tab-delimited)	10					Current line	0
or .CSV	-					Total Line	0
(comma-delimited) file						Starting Line	0
specified in the local or	28_					Repeats	0
USB disk file.	-					Total Column	0
	1 ₂₅ 1 1						
Files are printed by	-					End Line	0
lines sequentially or	(Loop Print	Yes +
repeatedly.	Cancel	ок	Delete				
Note: Files in			 Fie		11		
formats other than .TXT			ГI	guie 3-2			
(text file, tab-delimited)							
or .CSV							
(comma-delimited) will							

not be recognized by the			
machine.			
Select a document	Choose the goal printed file its detailed name in the local file or USB disk and make it to be inserted.		
Current row	It will show which line to be printed currently. Note that the number of rows cannot exceed the total number of items.		
Total number of rows	The total number of rows in the currently printed columns .		
Start line	The current printing column starts printing from that row. Note that the number of rows cannot exceed the total number of rows.		
Repeat times	The number of times the variable being printed is repeated before printing the next variable.		
Total number of columns	How many columns does the current variable add up to?		
End line	The current printing column ends at that row. Note that the number of rows cannot exceed the total number of rows.		
Note : The number of rep current line .	peated printings refers to the number of repeated printings of the		
Loop printing	Whether to use the repeat printing function, you can select Yes or No		
Note : The yes or no of loo	p printing is the loop or no of the total target printing line .		
	Cancel Return to the previous menu without entering the insert		
Function key options	OK Determine data file		
	Delete Delete file information		

5.2.10 Insert GS1 Code

Click the "Insert GS1 Code" button to enter the operation interface shown in Figure 5-23. Click the "Insert Identifier" data option bar. you can choose to insert four data: GTIN, BATCH, PRO, and SN. Or you can add or select the data from database to insert the identifier.

Example: Select to insert "GTIN", the "Identifier Content" column will display the name of the inserted "GTIN", and the system will automatically generate values such as "Identifier" and "Keyword".

Select "Data Source", you could choose the source of the inserted data from serial port or by customized.

(Note: When selecting "Custom", "Data ID" will be



displayed, you need to type in the data in the "Data" editing area). As shown in Figure 5-24. After editing and inserting the required identifier, click the "OK" button, and the system will enter the picture interface . You can see two additional buttons, " GS1 Code" and "Visible Code", shown as in Figure 5-25.

Click: "GS1 Code", click the identifier name button that needs display the to GS1 code in the "GS1 Code Options" column, the displayed code will change, then adjust the size, position and size of the GS1 code, etc., click Confirm, the GS1 code would be finished. As shown in Figure 5-26.

If you need to display the visible code of GS1, click the



"Visible Code" button, and then click the identifier options	
identifier options that need to be visible. The identifier content will appear on the right side of the GS1 code. Adjust the size and position of the print content to print . As shown in Figure 5-27.	
Insert identifier	You can choose to insert identifiers such as GTIN, EXP, BATCH, PRO, SN, etc. You can also customize the insertion by selecting "New" or "Database".
Identifier content	When an inserted identifier is selected, Identifier Content displays the name of the inserted identifier
Identifier	The serial number value of a specific identifier cannot be changed and will be automatically generated by the system after the identifier is selected.
Keywords	You can change the keywords of a identifier, and the displayed identifier will also change accordingly.
Data Sources	Can be chosen from serial port data or customized data
Data ID	ID represented by the display identifier
Function key options	CancelReturn to the previous menu.OkConfirm parameter settings.DeleteDelete file information.
Note : Whether the is officially author	ne edited GS1 code can be scanned out depends on whether the GS1 code rized.

5.2.11 Weight Price

The use of this function requires connection to a weighing machine.	
Click the "Weight	

Price" button, and the system will generate a blank field on the screen. After setting the field ID and connecting to the weighing machine, select " String ", "Weight" or "Price" in "Data Type", the blank field box will automatically receive the data sent by the weighing machine and display it; if Select "Price", the system will display the price value based on the setting of the "Unit Price" figure (Price = Weight X Unit Price). (As shown in Figure 5-28, 5-29, 5-30)



Data ID	The ID number of the data at the sending end of the weighing machine							
Type of data	Optional string, weight, unit price							
Weight Factor	Displayed when "Weight" is selected as data type							
Unit Price	Displayed when "Price" is selected as the data type							
Length	Print the displayed data length							
Prefix	Insert prefix for data							
Suffix	Insert suffix for data							
Character Set	ASCII uses pre-generated ASCII fonts when printing. The advantage of this method is that it is faster; Unicode can print characters containing Chinese or other non-ASCII codes, but the disadvantage is that it cannot be typed so fast							
Set Direction	Set font direction (0°, 90°, 180°, 270°)							
Font Size	Set the font size for display (printing)							
Select font	Select the font type for display (printing)							
Adjust spacing	Spacing between data values							
X, Y axis position	The position of the text can be moved through the touch screen or precisely positioned through the X-axis and Y-axis positions.							
Function key options	CancelReturn to the previous menu.OKDetermine data file.DeleteDelete file information.CopyCurrent information.							

5.2.12 Insert Random Numbers

	f Menu	24-02-2024 11:28:18	¹ M	achine status n	ormal	Not Connected	Press Print	Start Print
		• • • • • • • • • • • • • • • • • • •		1 ²⁵ 1 ³⁰ 1		40, , , , , , , , , , , , , , , , , , ,	Min Value	0
Click the "Insert	28	93	83				Max Value	999999
hutton to randomly							Leading Zeros	Yes
insert numbers	10						Base	DEC
0~999999999 into the	15						Direction	0 -
message. How many	-						Font Size	50
digits need to be	20-						Font	Abyssinica
displayed can be set	10 25						Space	◀ 0 ►
according to the needs.	-						X-axis	0
(As shown in Figure 5-31)	30-						• Y-axis	0
5.51)	Cancel	ОК	Delete	Сору				
				Fi	gure 5-	31		
Minimum value	The min	imum di	isplaye	d value o	of the ra	undom numl	ber.	
Maximum value	The max	timum d	isplaye	d value o	of rando	om numbers	5.	
Fill before 0	Whether can select	zeros r et Yes or	need to r No.	be pade	led in	front of the	serial num	nber, yo
Base selection	You can	set the	time an	d date to	be dis	played in h	exadecimal	, decima

	or other base formats.						
Set direction	Set font of	Set font direction (0°, 90°, 180°, 270°)					
Font size	Set the fo	Set the font size (the settable range is $5 \sim 400$)					
Select font	Select for	Select fonts that have been installed basing on your need.					
Adjust spacing	Adjust the spacing between fonts within the text $(-30 \sim 30)$.						
Y V axis position	The position of the text can be moved through the touch screen or						
	precisely positioned through the X-axis and Y-axis positions.						
	Cancel	Return to the previous menu.					
Function lease ontions	OK Make sure to enter the clock information in the message.						
Function key options	Delete	Delete random number information.					
	Сору	Copy the random number.					

5.2.13 Insert Group





name1 is name of the group, which can customized imported through an external data such as place of origin, product production number, production specification, date, supplier, etc. (as shown in Figure 5-34)

When name1 is "origin", value1 is the option value in the corresponding group, which is bound in the import group. Data can be selected and options can be added (as shown in Figure 5-35)

When entering the group name and value options, you can click "Properties" to enter the property modification page (as shown in Figure 5-36) and click "Content" to



Select font	Select the font type for display (printing), effective for the overall group name and value.							
Set direction	Set the font direction $(0^\circ, 90^\circ, 180^\circ, 270^\circ)$.							
Adjust spacing	Set the spacing between group names and corresponding values .							
Font size	Set the font size for display (printing).							
Border size	When the v not 0, the border lines	When the value is "0", the border is not displayed. When the value is not 0, the border is displayed. The larger the value, the thicker the border lines. The smaller the value, the thinner the border lines.						
Delimiter	The symbol that after the group name inserted on the right and the corresponding value, such as : ; ,etc.							
Alignment	You can choose left, right or center alignment.							
First column width	The width of the group being editing its name. Names of different lengths need to be set different widths.							
Secondary column width	The width Names of d	of the corresponding value on the group being editing. ifferent lengths need to set different widths.						
Full row height	Insert the d	isplay height of the group.						
X, Y axis position	The position of the text can be moved through the touch screen or accurately positioned through the X-axis and Y-axis positions.							
Function key options	Return OK Delete Add Reduce	If you do not want to enter the insertion field, you will return to the previous menu . Confirm to insert the field information into the message. Deletes the selected field . Added grouping. Reduce and delete groups						

5.3 Files Storage

After clicking the "Main Menu" button, you will enter the "File Management" interface, as shown in Figure 5-40.

In file management, the information, patterns, fonts, data , and reports of the coding machine can be managed. All files can be imported from and exported to external U disks. The information file format supports .msg, the pattern file format supports .bmp, the font file format supports .ttf

Menu 24-02-202 12:38:19	Machine status normal	Not Connected	Press Print	Start Pri
File Type	Stocked Number	File	e format	
Message	2	*.msg		
Pattern	0	*.bmp		
Fonts	0	*.ttf/*.ttc/*.otf/*.pfb/*.pf	m/*.pfa/*.bdf	
Data Files	7	*.txt/*.csv/*.xlsx		
Report Files	0	*.CSV		
Material files	1	*.json		
Message Patt	ern Fonts Data	Report		
Eiles Eile	es Files File	Files		

/.ttc/.otf/.pfb/.pfm/.pfa/.bdf
, and the data file
supports .txt /.xlsx/ . csv
format, report
file .xls/.xlsx , the printer
contains 256MB storage
space.

5.3.1 Message Files

	a	Menu	24-02-2024 12:38:36	Machine	status normal	Not Co	nnected	Press Print	Start Print	
Click the "Information		Local Message files list								
Storage" button as shown	_		File List		Modif	fy Time	File Size	Se	elected	
	new.	msg			20240221 15	5:04:36	2.20 KB			
in Figure 5-41, to enter	new1	msg			20240224 12	2:38:17	2.50 KB			
this interface . This interface will display a list of local information files of the printer , including the file name, file modification time and the size of the information file. Information files stored in the printer can be edited and managed .		Cancel	Delete	Import	Export	Select File				
Select File	Afte butt Not	er selecton, and e: Onl	cting the 1 the selo y one fi l	informa ected info e can be	tion to b ormation selected	e printo will ap at a ti i	ed, click pear on tl <mark>me.</mark>	the "Sel ne print s	ect File " screen.	
	Car Del	ncel ete	Return inform After s click	n to the nation sto selecting ' Delete	e previou prage. the infor " to dele	us me mation ete the	nu with that nee selected	out ente eds to be informat	ering the e deleted, tion. You	
Function key options	 can choose to delete multiple files at a time. Import Inserting the USB into the corresponding interface of the coding machine , the information content in the USB device can be imported into the coding machine . Export After inserting USB into the corresponding interface of the coding machine, the information content in the coding machine can be exported to the USB device 									
Note:	L				1					

a. The file must be selected before the bottom function keys "Delete", "Import" and "Export" . (Click the white box after the information line in the "Select" column) b. Information files between different models or different versions cannot be imported and recognized from each other.

5.3.2 Pattern Files

	f Menu	24-02-2024 12:39:06	Machine	status normal	Not Connected	Press Print	Start Print	
Click the "Pattern Storage" button to enter the interface shown in Figure 5-42. This interface will display a list of local pattern files on the printer , including the file name, file modification time and		File List		Local BMP fil Modify	es list / Time File Size	e S	elected	
file.	Cance	Delete	Import	Export Figure 5	5-42			
	Cancel Delete	Return inform After s click	n to the nation sto selecting " Delete	e previou rage . the inform " to dele	ns menu with mation that ne te the selected	nout entre eeds to b	ering the e deleted, tion. You	
Function key options	Importcan choose to delete multiple files at a time.ImportInserting the USB into the corresponding interface of the coding machine , the information content in the USB device can be imported into the coding machine .ExportAfter inserting USB into the corresponding interface of the							
Note: a. The coding ma	ichine only	coding machi	g machin ne can be s bmp fo	e, the initial exported rmat pat	to the USB de terns, and the	vice. R series	models	
b. For function ke	y options,	uapi . please re	fer to 5.3	.1 Inforn	nation Storage	e Instruc	tions.	

5.3.3 Fonts Files

Click the "Font	
Storage" button to enter	
the interface shown in	
Figure 5-43. This	
interface will display a	
list of local font files of	
the printer , including	
the file name, file	
modification time and	
size of the pattern file.	
Click the small	
white box below the	
"Select" column to	

select the list font.	A Menu 2	4-02-2024 12:39:53	Machine	status normal	Not Connected	Press Print	Start Print
				Local font f	iles list		
		File List		Mod	ify Time File Siz	ze S	elected
		W	V				
	Cancel	Delete	Import	Install			
				Figure	5-43		
	Click the "	Install N	Aanagen	nent " but	tton, and the sy	stem inte	erface will
	display a li	st of for	its availa	able for m	nachine installa	tion; if th	e font file
	has been	selected	, a blac	k check	mark will be	e display	ed in the
Installation	selection c	olumn o	f the fon	t.			1
management	After chec	king the	e tont t	iles you	want to insta	II, click	the "OK"
	button. The	e system	will pro	Smpt that	the newly ins	talled for	ts need to
	be restarted	1 to take	effect. C	lick the	"OK" button to	restart th	e printer,
Noto • a Installing font		tain an	istanatio	time W	hon a largo nu	mbor of	fonts ara
installed the wa	iting time fo	r instal	louint of lation n	av he loi	nger Please d	not one	rate the
machine during	this process			lay be lo	inger. I lease u	o not ope	
b. After the fond	h. After the font is installed, you must restart the printer to take effect. Otherwise						
you will not be able to	select the ins	stalled for	ont.	· · r ·			
c. For function l	key options,	refer to	the des	cription i	in 5.3.1 Inforn	nation St	orage .

5.3.4 Data Files

Т

Click the "Data File" button to enter the interface	Menu 24-02-2024 12:40:12	Machine status normal	Not Connected	Press Print Start Print	
shown in Figure 5-44. This	File List	Modify Ti	me File Size	Selected	
interface will display the	name_value.csv	20240224 11:31	:22 0.14 KB		
le cal detabase file list of	name_value_产地.csv	20240224 11:30	:51 0.53 KB		
local database file fist of	name_value_供应商.csv	20240105 11:05	:08 0.15 KB		
the printer , including the	name_value_品名.csv	20240224 12:12	:44 5.51 KB		
file name file modification	name_value_生产批号.csv	20240105 11:05	:08 0.06 KB		
	name_value_生产日期.csv	20240105 11:05	:08 0.07 KB		
time and the size of the	name_value_规格.csv	20240105 11:05	:08 0.09 KB		
pattern file. Imported to the local printer can be called up and used by pressing the "Select File" button in 5.2. 7 "Insert Database".	Cancel Delete	Import Export			
		Figure 5-	44		

٦

Note: For function key options, refer to the description in 5.3.1 Message Files .

5.3.5 Report Files

Click the "Report File" button to enter the interface shown in Figure 5-45 . This interface will display a list of local database files of the printer ,	Menu 24-02-2024 12:40:50 Machine status normal Not Connected Press Print Start Print
including the file name,	File List Modify Time File Size Selected
file modification time and the size of the pattern file.	
The printing report stored in the "Report File" is the printing record generated when	
the printer is connected to an external device	
The "Print Depart"	Cancel Delete Import Export
function in "Communication Settings" must be turned on to generate the report. For details, see 5.5.10.	Figure 5-45
Note : For function ke	ey options, refer to the description in 5.3.1 Message Files .

5.4 Print Parameters

Clicking the "Print
Parameters " button, you
will enter the interface
shown in Figure 5-46 . In
the case of intermittent
mode, the common
functions of print settings,
print quality, print count,
ribbon parameters, and
print mode lights can be
used in this interface.
Among them, the print
mode visualizes the ribbon
and print direction entities.
This makes it easier for the

operator to install and use.	Image: Menu 29-02-2024 16:06:58 Machin	ne status normal Not Connected	Press Print Start Print
	Subtotal Number Of Print0Total Number Of Prints0Print Speed(mm/s)0Print Head Remaining Le500Packets Per Minute	100 % Ribbon Meters:	100 % RFID
	Print Print Print Sottings Quality Counting	Ribbon Print	
	Settings Quality Counting	Figure 5-46	
As shown in Figure	Image: Menu 29-02-2024 16:14:00	Machine status normal Not Conne	cted Start Print
5-47, in the case of continuous mode, you can choose print settings, print quality, print count, ribbon parameters, and print head zeroing in this interface .	Subtotal Number Of Print0Total Number Of Prints0Print Speed(mm/s)0Print Head Remaining Le500Packets Per Minute	100 % Ribbon Meters:	100 % RFID
	Print Print Print Counting	Ribbon Parameters int Head Zeroi	
		Figure 5-47	
Print Settings	Set the production line spe optical sensor.	eed and set the parameters	for triggering the
Print Quality	Set relevant parameters blackness, ribbon tension position.	that affect print quality n, print head resistance,	y, such as print and print offset
Print Count	Record the current num machine, and also reset the (Note: Product inspection sensor)	ber of prints and total per corded values. In quantity needs to be u	orint tests of the used with optical
Ribbon Parameters	The interface for displayin interface for RFID reading	g consumable ribbon infor of consumables.	rmation is also the
Print Mode	The print mode can be mode, and continuous mod	switched to standard model of the standard model (used for continuous matching the standard model).	de, ribbon saving achines).
Print head zeroing	The print head zero cali continuous machines. It w the first time, and will no	bration function is a spe- vill be used when adjustin t be changed by default f	ecial function for g the machine for for the rest of the

time.

f Menu

29-02-2024

16:15:36

Machine status normal

Not Connected

Press Print

Start Print

5.4.1 **Print Settings**

Click "Print Settings " to enter the interface shown in Figure 5-48, which allows you to set the production line speed, photoeye effective pulse width, photoeye effective level, and current optical sensor level.

Machine Type Intermittent Type Print Speed(mm/s) 0 Ribbons Run Out Normal Photoeye effective pulse width (µs 5 Ribbon Monitoring(mm) 0 Photoeye effective level Low Level -Print Blackness(mm) 0.5 ок Cancel Figure 5-48 29-02-2024 A Menu Machine status normal Start Print Not Connected 16.15.04 Machine Type Continuous Type Print Speed(mm/s) 0 **Ribbons Run Out** Normal Photoeye effective pt 5 Line Speed(M/min) 0 Ribbon Monitoring(m 0 The continuous interface is shown in Photoeye effective le Low Level -Print Delay(mm) Print Blackness(mm) 0.5 Figure 5-49. In addition to the production line Carbon-Based Retrei No speed limit, as well as the printing delay following the production line, and to save consumables, use the Cancel OK "ribbon return" function Figure 5-49 option. Depending on the structure of the machine and the selection of the program, the machine can be divided into two types: intermittent type Machine type and continuous type. The photoeye is interfered by external information and sometimes Photoeye effective pulse transmits unstable pulse signals to the machine. At this time, width (us) increasing the effective pulse width of the photoeye can play a filtering role and shield the interfering signal pulses. It can be set to high level or low level. Combining "current optical sensor level" and "production line speed" can well detect whether the Photoeye effective level photoeye is in normal working condition. (Note : The setting of the effective level value will affect the change of the printing position)

Printing speed	The speed of thermal transfer barcode printing by the coding machine ranges from 50-800mm/s .						
Production line speed (M/min)	Set the production line speed, ranging from 1-48M/min . In continuous printing mode, the speed value needs to be entered in advance.						
Printing delay (mm)	During the printing process of the continuous machine, in order to cooperate with the acceleration of the production line, a setting value is set to start the print head delay distance.						
Ribbon return	During the printing process of a continuous machine, control whether the ribbon is retracted for acceleration.						
Ribbon stepping method	During the ribbon printing process, for some shorter content, you can choose different modes for ribbon stepping, which are divided into three modes: normal, subdivision and fallback. "Normal" means that no matter how short the content is printed, the ribbon will be transported according to the minimum ribbon step distance; "Subdivided" means that when the printed short content is less than half of the minimum ribbon transport length of 8mm, the ribbon will be transported according to the printing length. + Printing gap, judge, if satisfied, print again, it will print and then transport the tape, which has achieved the purpose of saving. "Rewind" is mainly used to print content according to the minimum tape travel first, and then roll back the ribbon to supplement the unprinted part to avoid waste.						
Ribbon step distance (mm)	The minimum movement distance of the ribbon after each printing can be set. The normal default is 8mm . If the distance of each movement is set too small, there is a risk of breaking the ribbon.						
Printing gap (mm)	The distance on the ribbon between printing two pieces of information, the minimum is 0. 1 mm , the default is 0.5mm .						
Function key options	OKModify parameter settings and return to the previous menu .CancelDiscard changes and return to the previous menu .						

5.4.2 Print Quality

Click "Print Quality	f Menu	29-02-2 16:18:	024 26	Machir	ne status normal	Not Connected	Press Print	Start Prin	nt
" to enter the interface									
shown in Figure 5-50									
and Figure 5-51. This	Machine	Туре	Inte	rmittent Type	Horizontal Offset	0	Horizontal Flip	Off	-
interface can set the									
printing speed, printing	Print Blad	k Level Setting	78		Vertical Offset	0	Vertical Invert	Off	-
blackness, ribbon tension						J			
adjustment, print head	Ribbon T	VDe	ma	terial 02 -	Print Head Type	古姿 KCE 2 *	Package Type	OPPCPP	-
resistance value,	Ribboli I	ype	ma	tena_02	Finit flead Type	示元-NCE-3	rackage type	OFFCFF	
printing speed, horizontal									
offset, and vertical	Print Spe	ed(mm/s)		•	PH Resistance Value	1096	Ribbon Tension(%)	50	*
offset., horizontal flip,									
vertical inversion and		Y							
other options .	C	ancel	OK						

	Figure 5-50					
	Image: Menu 29-02-2024 16:20:25 Machine status normal Not Connected Start Print					
	Machine Type Continuous Type Horizontal Offset 0 Horizontal Flip Off -					
	Print Black Level Settine 78 Vertical Offset 0 Vertical Invert Off -					
	Ribbon Type material_02 * Print Head Type 京瓷-KCE-3 * Package Type OPPCPP *					
	Print Speed(mm/s) PH Resistance Value 1096 Ribbon Tension(%) 50					
	Print Pressure Level 0					
	Cancel OK					
	Figure 5-51					
Machine type	Machine types are divided into intermittent and continuous types.					
Print blackness	Set the blackness of the ribbon printing, which can be used as a compensation for the ribbon printing effect, the range is 10-100%.					
Ribbon type	The types of ribbons are low speed, medium speed and high speed ribbons.					
Printing speed	Set the printing speed, unit (mm/s), speed range is 100-800mm/s.					
Print pressure level	Continuous printer, controls the pressure of the print head, from $0-100\%$, default 50%					
Horizontal offset	The complete printing movement area is 75mm, and the horizontal movement range is 0-65mm.					
Vertical offset	The moving area is the print head width 32mm/53mm, and the vertical movement range is 0-32/53mm.					
Printhead type	It is divided into twoseries: Kyocera and ROHM, with two sizes: 32mm and 53mm, And total is four types.					
Print head resistance value	The label on the printhead only shows the resistance rating for that particular printhead. Set the resistance value of the print head from 1000-1800 ohms.					
Horizontal flip	Flip information content left and right.					
Vertical upside down	Make the information content upside down.					
Packaging material type	Choose the material of the printing substrate, common ones include PE, CPP, OPP, etc.					
Ribbon tension adjustment	Adjust the tension of the ribbon, ranging from 50-100%.					
Function key options	OKModify parameter settings and return to the previous menu .CancelDiscard changes and return to the previous menu .					

5.4.3 Print Count

Click the " Print Count " button to view the	29-02-2024					
detection number and	Menu 16:22:12 Machine status normal Not Connected Start Print					
printing number of the						
current product of the	Current CountTotal Count					
printer as well as the total						
detection number and total	Number of product tests 0 Number of product tests 0					
printing number in the						
product count; at the same	Number of product prints 0 Number of product prints 0					
time, the reset time is						
displayed in the subtotal	Last Reset Time 2024-02-20 15:42:50 Last Reset Time 2024-02-20 15:42:50					
and total columns to						
facilitate customers to						
evaluate the product. Print						
quantity statistics. (As	Cancel OK Reset Total Reset					
shown in Figure 5-52)	Figure 5.52					
	rigule 5-52					
Product tests	The product is recorded every time when it is triggered.					
Product prints	The coder has completed a printing , and is recorded once each time it					
rioddet prints	is completed.					
	1					
	The reset times of subtotal reset and total reset are independent of each					
Last reset time	The reset times of subtotal reset and total reset are independent of each other, but after the total reset, the subtotal reset time changes					
Last reset time	The reset times of subtotal reset and total reset are independent of each other, but after the total reset, the subtotal reset time changes simultaneously.					
Last reset time	 The reset times of subtotal reset and total reset are independent of each other, but after the total reset, the subtotal reset time changes simultaneously. OK Modify parameter settings and return to the previous menu. 					
Last reset time	The reset times of subtotal reset and total reset are independent of each other, but after the total reset, the subtotal reset time changes simultaneously.OKModify parameter settings and return to the previous menu .CancelDiscard changes and return to the previous menu .					
Last reset time	The reset times of subtotal reset and total reset are independent of each other, but after the total reset, the subtotal reset time changes simultaneously.OKModify parameter settings and return to the previous menu .CancelDiscard changes and return to the previous menu .ResetReset the current count and clear the detection number and					
Last reset time Function key options	The reset times of subtotal reset and total reset are independent of each other, but after the total reset, the subtotal reset time changes simultaneously. OK Modify parameter settings and return to the previous menu . Cancel Discard changes and return to the previous menu . Reset Reset the current count and clear the detection number and printing number.					
Last reset time Function key options	 The reset times of subtotal reset and total reset are independent of each other, but after the total reset, the subtotal reset time changes simultaneously. OK Modify parameter settings and return to the previous menu. Cancel Discard changes and return to the previous menu. Reset Reset the current count and clear the detection number and printing number. Total Reset Reset the total count and clear the detection number and 					

5.4.4 Print Mode

Click the "Print Mode" button to enter the display interface shown in Figure 5-53. Under normal circumstances, the default factory printing mode of the machine is "standard mode". In this mode, the printer will always print the printed content displayed on the homepage and sent. There are no special printing requirements and no need to change the printing mode.

After clicking the "Standard Mode" button in this interface, the printing mode options available for switching will pop up.

Select the "ribbon saving mode" printing mode and enter the display interface shown in Figure 5-54, 5-55, 5-56.

" Alternate printing " uses each ribbon twice to produce low-density prints, reducing the cost of ribbons by half and extending the time to replace consumables.

" Alternate printing " can be divided into whether to alternate or not; the printing direction is " left to right, right to left ."



Start Print
Start Print

5.4.5 Ribbon Parameters

Clicking the "	
Ribbon Parameters "	
button, you will enter	
the interface shown in	
Figure 5-57 . Click	
"Replace Ribbon" to	
enter the reading	
interface shown in	
Figure 5-58.	
0	
In this interface, you	
can view the specific	
ribbon model,	
remaining length (M),	
ribbon length (M),	



5. 5 Machine Parameters

Click "Machine Paramet button to enter interface shown Figures 5-59 and 5 This function is use modify the param format of the co machine . It can ad the machine parame of all information the coding machin The mac parameters universal settings are valid for information.

"Machine parameters" include system settings, date format, time format, base format, month code, week code, hour code, minute code, commonly used text, and communication settings.

	Menu	29-02-2024 16:34:31	Machine	status normal	Not Co	onnected	Press Print	Start F
			Printe Machi Serial Initial Final I	r Orientation ne Type Number Print Date Print Date	Left hand ma Intermittent 1 0000000	ichine 'ype		
<	System Settings	Date Format	Time Format	Base Format	Month Code e 5-59	Week Code	Hours Code	Minutes Code
	Menu 2	29-02-2024 16:34:55	Machine	status normal	Not Co	onnected	Press Print	Start P
			Printe Machi Serial Initial Final F	r Orientation ne Type Number Print Date Print Date	Left hand ma Intermittent T 00000000	chine ype		

5.5.1 System Settings

Click the "System Settings" button to enter the interface shown in Figure 5-61. This interface can change the system language (requires restart to take effect) and editing language ; the screen saver can set time , and the screen inversion switch brings convenience to the actual installation ; The switch settings of various

sounds and the system	Menu 29-02-2024 16:36:29 Machine status norm	Not Connected Press Print Start Print
shown in Figure 5-62.		
	System Language English -	Button Sounds On -
	Input Method Language English -	Print Trigger Sound On -
	Screen Off •	Print End Sound On •
	Screen Upside Down Off -	
	Cancel OK System Time	
	Figu	ıre 5-61
	Menu 29-02-2024 Machine status norm 16:36:49	Not Connected Press Print Start Print
	10.00.40	
	< <u> </u>	見 2024
	周日 周一 周 □ 5 28 29 30	二周三周四周五周六 31 1 2 3
	6 4 5 6 7 11 12 13	7 8 9 10 14 15 16 17
	8 18 19 20 9 25 26 27	21 22 23 24 28 29 1 2
	10 3 4 5	6 7 8 9
	System Time 16 36 25	<u>b</u>
	Cancel Time	
	Figu	ure 5-62
System language	One of 21 languages can be select	ted as the system language .
Note : After selecting a lan button, and the system will	guage as the system operating lan prompt whether to restart the d	iguage, click the "Confirm" evice. The new language will take
effect only after restarting.	P	
Input method language	You can choose one of 21 input n method .	nethods as the keyboard input
Screensaver settings	Set the screen saver switch, which	n can be set for 1-60 minutes .
Screen upside down	The 180-degree inverted screen r multiple angles .	nakes it easy to install and use from
Note : If you want to turn button, the system will pre- effect only after restarting.	on the "Screen Inversion" func ompt whether to restart the dev	tion, after clicking the "Confirm" ice. The screen inversion will take
Key sound	Key sound switch .	
Print trigger sound	After the photocell senses the p switch.	roduct, it triggers the printing beep

Print end sound	Switch for the beep when printing ends .			
System time	Set the m	Set the machine's main time .		
Function key options	Cancel OK	Back to previous. Confirm the function modification and make it effective .		

5.5.2 Date Format

Click the "Date	f Menu	29-02-2024 16:38:59	Machin	e status norma	Not Co	nnected	Press Print	Start Print
Format" button to enter	1.yyyyMMdd		6.yy/MM/dd		11.dd.MM.yyyy			
the interface shown in	2.yyMMdd		7.yyyy-MM-dd		12.dd/MM/yyyy			
Figure 5-63. This	3.ddMMyyyy		8.yy-MM-dd		13.dd-MM-yyyy			
interface can add	4.ddiviiviyy		9.yyyy.MM.dd		14.аа-мм-уууу			
supplement or delete	Create New	Format	10.99.101101.00			<< A	dd	
the date format in the							luu	
the date format in the	JulianYear	уууу	уу	y1	y2	уЗ	y4	
memory. Up to 15 date	MCODE	NANA	MANANA	M1	M2	MA1	MA2	MA2
formats can be added	MCODE	IVIIVI	IVIIVIIVI	IVII	IVIZ	IVIAL	IVI/42	MAS
and retained; new date	WCODE	WN	ddd	1	-	*	~	:
formats can be used in								
"Insert Clock" under	JulianDate	dd	d1	d2	· · ·	#	,	
"Information Editing".								
(See 5.2.2 for details)	Cancel	ОК	Delete					
				Figur	re 5-63			
	Select to	create	0 1000	date for	rmat am	ong Va	or Vorio	hle/Month
	Variable/	Weels V	a new	Value 10	mahla/Sam		ai vaila Symalaal	and alials
	variable/	week v		Jay val	riable/Sep		Symbol,	
Create new format	the " $<<$	" symbo	ol button	to delete	e the vari	able . A	fter editii	ng the new
	date forn	nat, clic	k the "A	dd" but	ton and	then cli	ck "OK"	below to
	create the	new da	te format	•				
	Cancel	Return	to the pr	evious 1	nenu.			
Function key options	OK	Confii	m to add	new for	rmat and	return to	o previou	s level
	Delete	Remo	ve select	ed date f	format		1	
Noto e o Evory time	L aveate a	now do	to former	t he arr	to to alial	. the !! !	ddu b4	ton and
Note : a. Every time yo	u create a	new da	ie iorma	i, de sui	re to ciici	k the "A	vaa put	ton and
then click the "	JK" butto	n, other	wise it w	All not t	ake effec	t; the n	iewly add	aed date
format can be fo	ound in "I	nsert Cl	ock" un	der "In	formatio	n Editii	ng" <i>"</i> f	function is
called.								
b. Currently, th	e system o	only sup	ports a	maximu	ım of 15	date fo	ormats th	nat can be
added. If you n	eed to ad	d other	date fo	rmats, y	you need	l to del	ete the j	previously
stored date forn	ats before	adding	them.		-		-	. •
c. Click the "M	CODE" b	utton to	์ insert tl	ie mont	h code: o	elick "V	VCODE	" to insert
the week code: o	lick "WN	" to inse	ert the w	eek nun	nber.			

5.5.3 Time Format

Click the "Time	Image: Menu 29-02-2024 16:40:28 Machine status normal Not Connected Press Print Start Print
Format" button to enter	1.hh:mm:ss
the interface shown in	2.hh:mm
Figure 5-64. This	3.nnmmss 4.mmss
interface can add,	5.ss
supplement or delete	Create New Format << Add
the time format in the	hh h1 h2 HCODE
memory . Up to 15	
date formats can be	mm m1 m2 / mCODE
added and retained;	ss s1 s2 . *
new date formats can	
be used in "Insert	# ~ - :
Clock" under	
"Information Editing".	Cancel OK Delete
(See 5.2.2 for details)	Figure 5-64
	Select to create a new clock format in hour variable /minute
Create new format	variable/second variable/separator, click the "<<" button to delete the
Create new Iormat	variable, edit the new time format and click add to create a new time
	format.
Eurotion low ontions	Cancel Return to the previous menu.
runction key options	OK Add a new time format and return to the previous menu .
	Delete Delete the time format in memory.
Note : a. Every time yo	ou create a new time format, you must click the "Add" button and
then click the "O	OK" button to take effect; the newly added date format can only be
entered in the "]	Insert" button under "Information Editing" Clock" function .
b. Currently, th	e system only supports a maximum of 15 date formats that can be
added. If you n	eed to add other date formats, you need to delete the previously
stored date form	ats before adding them.

5.5.4 Base Format

Click the "Base	f Menu	29-02-2024 16:43:04	Machine status normal	Not Connected	Press Print	Start Print
Format" button to enter	1.HEX					
the interface shown in						
Figure 5-65 . This						
interface can " add " or						
" delete " the base		Advance Name: :	Base System	n:		
format in the memory .		Numerical Values:				
The new base format		_New Bases				
can be used in "Insert						
Clock", "Insert Serial		Advance Name:	Please enter the		Add	
Number" and "Insert		Numerical Values	Diesse enter a custom value			
Random Number"		Numerical values	Fiease enter a custom value			
under "Information		γ)			
Editing" . (See 5.2.2	Cancel	ОК	Delete			
for details)	L		Figure 5-	65		

Base name	Customize the name of the new hexadecimal system.					
Base system	Display the base type.					
Numerical value	Customize the input value, each character is an element symbol. The total number of elements is the carry system. Such as the value "0123456789". The characters '0', '1' are the 0th element, the 1st element, respectively. There are ten elements in total from 0 to 9, so the carry system is 10. This is dot and carry.					
Function key options	CancelReturn to the previous menu .OKAdd a new base format and return to the previous menu .DeleteDelete the hex format in memory .					
Note : Every time you create a new hexadecimal format, you must click the "Add" button and then click the "OK" button to take effect; the newly added hex format can only be added under "Information Editing" Called in the "Insert Clock", "Insert Serial						

Number" and "Insert Random Number" functions .

5.5.5 Month, Week, Hour, Minute code

	f Menu	29-02-2024 16:45:52	Machine status no	mal Not Connect	ed	Press Print	Start Print
Click the "Month Code" button to enter the interface shown in Figure 5-66. The month name can be modified for use when inserting the clock		1Month JAN 2Month FEE	1 5Ma 3 6Ma	onth MAY	9Monti 10Mor	h SEP	
function when editing information.		3Month MAI 4Month APF	R 7Ma R 8Ma	anth JUL AUG	11Mor 12Mor	th NOV	
January, FebruaryDecem ber: Enter up to 3 numeric or alphabetic characters.		Y					
	Cance	ОК	Save as Use Default Defau	lt			
			Fig	gure 5-66			
	f Menu	29-02-2024 16:46:12	Machine status no	ormal Not Connec	ted	Press Print	Start Print
Click the "Week							
I COGET BUILON TO ENTER THE T		Monday	MON	Eriday	EDI		
interface shown in Figures		Monday	MON	Friday	FRI		
interface shown in Figures 5-6 and 7. You can modify		Monday Tuesday Wednesday	MON TUE	Friday Saturday Sunday	FRI SAT		
interface shown in Figures 5-6 and 7. You can modify the name of the week for the purpose of inserting the clock function when editing information.		Monday Tuesday Wednesday Thursday	MON TUE WED THU	Friday Saturday Sunday	SAT SUN		
 interface shown in Figures 5-6 and 7. You can modify the name of the week for the purpose of inserting the clock function when editing information. Monday,TuesdayFriday: Enter up to 3 numeric or 		Monday Tuesday Wednesday Thursday	MON TUE WED THU	Friday Saturday Sunday	FRI SAT SUN		
 interface shown in Figures 5-6 and 7. You can modify the name of the week for the purpose of inserting the clock function when editing information. Monday, TuesdayFriday: Enter up to 3 numeric or alphabetic characters. 	Cance	Monday Tuesday Wednesday Thursday	MON TUE WED THU Save as Use Default Defau	Friday Saturday Sunday	FRI SAT SUN		

Click the "Hour	Image: Menu 29-02-2024 16:48:10 16:48:10	Machine status normal	Not Connected	Press Print Start	Print		
Code" button to enter the							
interface shown in Figure							
5-68, which associates an	0Hour A	6Hour G	12Hour M	18Hour S			
alphanumeric character	1Hour B	7Hour H	13Hour N	19Hour T			
with each 24-hour period.	2Hour C	8Hour I	14Hour O	20Hour U			
These characters can be	3Hour D	9Hour J	15Hour P	21Hour V			
using the Insert Clock	4Hour E	10Hour K	16Hour Q	22Hour W			
using the insert clock.	5Hour F	11Hour L	17Hour R	23Hour X			
0:00,1:0023:00: Enter up							
to 3 numeric or							
alphabetical characters.	Cancel OK	Save as Use Default					
		Figure	e 5-68				
Click the "Minute	Amenu 29-02-2024	Machine status normal	Not Connected	Press Print Start	Print		
Code" button to enter the	16.40.31				-		
interface shown in Figure	0Minute 00	1Minute 01	2Minute 02	3Minute 03			
alphanumeric characters to	4Minute 04	5Minute 05	6Minute 06	7Minute 07			
be associated with each 60	8Minute 08	9Minute 09	10Minute 10	11Minute 11			
minutes. These characters	12Minute 12	12Minute 12	14Minute 14	1EMinuto 1E			
can be inserted into the		ISMINULE IS	141/11/1012				
message using the	16Minute 16	17Minute 17	18Minute 18	19Minute 19			
insertion clock.	20Minute 20	21Minute 21	22Minute 22	23Minute 23			
00 points, 01 points59	24Minute 24	25Minute 25	26Minute 26	27Minute 27			
points: Enter up to 3							
numeric or alphabetic	Cancel OK	Save as Use	20Minuto 20	21 Minuto 21			
characters.		Figure	- 5-69				
C 1. f	V 41	f iguit					
Save as default	Keep the new name	e for new informa	ation.				
Note : Save the default val	ues are settings sav	ed by users bases	ed on their per	sonal needs. If	you bo		
system starts.	as uclauit attribute	s, you do not n	ceu to reset th	tem every time	, the		
Use default value	Use the default nan	ne in the message	е.				
	return Abana	ton changes					
Function key options	Confirm Confirm modification						

5.5.6 Common Text

Click the "Common Text" button to enter the							
interface shown in Figure	f Menu	29-02-2024	Machine s	status normal	Not Connected	Press Print	Start Print
5-70 . After clicking the		10.40.20					
text input box next to							
"Create New Format", the							
input keyboard will pop	Create New Form	ət				Add	
up. Enter frequently used	1 Pro. date	at				Add	
text information and click	2.Exp. date						
the "Add" button. The	3.Batch NO.						
newly created common							
text will appear below the							
default 3 common texts.							
This common text can be							
called up in the "Insert		Y	1				
Text" function in the	Cancel	ОК	Delete				
information editing				Figure 5	-70		
function (see 5.2.1 for				C			
details)							
Note:							
a. Common text can be add	led to a ma	ximum	of 18 iter	ns.			
b. After adding the requi	red commo	on text	items, be	e sure to	click the "C	JK " butto	n at the
bottom, otherwise	e it will not	be save	d and wi	ll take effe	ect.		
	Cancel	Aban	don chan	ges			
Function key options	OK	Conf	irm modi	fication			
	Delete	Dele	te edited	files			

5.5.7 Communication Settings

Click the "Communication Settings" button to enter the interface shown in Figure 5-71 . The left part is the cache settings during communication, and the right part is the communication protocol settings. Connect the printer to external machines (PC, PLC, weighing machine,	Buffer Setting Number Filled Up	29-02-2024 16:50:51 Js	Machine status norm	nai n	Not Connected Protoco Slave A Trigger Final M Print Re Record	Press Print C-COMI ddress 0 Signal Close essage Don't S eport Close Interval 24Hours	M • ave • •
etc.) by checking the	Cancel	ОК	RS-232 Etherne Setting Setting	t			
choose whether to			Fig	are 5-7	1		
cache the external			-				
information and							

display it in the printer interface. There are two main ways to connect external devices: serial port RS232 connection and network port IP connection .											
		Baud F	Rate			19	200		•		
		Check	Positic	on		No	one		•		
Serial port settings		Data Bits							*		
		Stop B	its			1			•		
	Match machir	the baud rate to the coding	e, check	Fig d e to	ure 5- igit a	72 nd plete	other da e the cor	ata nne	of the ction.	extei	mal
			,			L					
	ſ			- Et	hernet	:)	
		Listening Port:	8012								
		Network:	Manua	l se	ett -			6			
Network port settings		IP Address:	0	ŀ	0	-	0	• [0		
		Gateway:	192	ŀ	168		8	• [1		
				1			<u> </u>			J	
	Set the	e IP address t	o be th	Fig ne	ure 5- same	73 as	the com	າກມ	ter addre	ess.	and
	implen	nent data transn	nission t	hrc	ough s	oftw	vare.	-r u		,	

	Number of a	eaches : 1-10 cached data can be selected				
	Disnlay cac	he: Choose whether to display cached content (10 cache				
	Display cael	slots will be displayed after opening but the actual				
		number of cached displayed after opening, but the "Cache				
Cache settings	1	Number of cached displays is determined by the Cache				
	Cacho fulle	Vou con choose whether to continue to accent data cache				
	cache fuil:	Tou can choose whether to continue to accept data cache				
	Clear Clist					
	Clear: Click	to clear cached content				
	Protocol: In	the factory state, the machine is pre-installed with some				
	exter	hal device protocols. If customers need to connect other				
	exter	hal devices, they can send the device protocol to our				
Print Settings	company to add it.					
	Trigger signal: Turn on or off external signal trigger					
	Last information: You can choose to keep or not keep the last					
	information					
	Print report: Turn on or off the printing report recording function					
	Recording in	nterval: Choose how many hours between each report				
	record.					
Note :						
a. When connecting to	an external	device, if you want the printing and coding machine				
display to be	refreshed im	mediately without triggering once, you must turn on				
the "trigger si	gnal" switch.					
b. Please turn off the re	port printing	g function when it is not necessary to prevent the flash				
memory of the printer	memory of the printer from being filled up.					
	Carral					
Function key options		Abandon changes				
J 1	UK	Confirm modification				

5.6 Services



	Image: Menu 29-02-2024 16:54:00 Machine status normal Not Connected Press Print Start Print						
As shown in Figure 5-75, the "Service Menu" includes system upgrade, driver upgrade, screen calibration, print settings, event recording, advanced menu, and user management.	Total print length(m): NaN Total Number Of Prints: NaN Total number of columns printed(k): NaN Total heating time(s): NaN Max Print Pulse Width(us): NaN Firmware Version: NaN Software Version: V1.0.Changed(debug) Software Version: V1.0.Changed(debug) Firmulate Software Version: Max Print Pulse Software Version: Software Version: V1.0.Changed(debug) Management Management Figure 5-75 Figure 5-75						
System Upgrade	Used to update the machine controller software version. By upgrading, you can use the new features of the printer or fix some bugs .						
Driver Upgrade	Used to update the print head control software version. By upgrading, you can use the new features of the printer or fix some bugs .						
Screen Calibration	Used to calibrate the display screen and fix lag.						
Print Settings	The system setting of the print head function and the number of print buffers.						
Events Record	The recent records of machine operating status will be displayed in chronological order.						
Advanced Menu	Remote assistance, set agent ID and service hours.						
User Management	Due to the management of user rights, user accounts are added or deleted, and passwords are changed .						
Note : For system upgrade and driver upgrade , you need to place the upgrade package in the root directory of the U disk and name it: update. Insert the U disk and click System Upgrade. After the upgrade is complete, unplug the USB flash drive and restart the printer.							

5.6.1 Screen Calibration

As shown in Figure 5-76 , after selecting screen calibration, the system will automatically enter the 5-point calibration process of the touch screen. Click the five calibration cross directions on the upper left, upper right, lower right, lower left, and middle of the screen in order to complete the screen calibration. Click Confirm to save the calibration. status, cancel or do not click confirm for 10 seconds, the default state will be restored to the state before calibration.



Note : When the touch screen freezes or cannot be operated, you can use the mouse to calibrate the screen through the USB port of the fuselage; however, after using the mouse calibration to enter the 5-point calibration interface, you still need to use your finger or stylus to perform manual 5-point calibration.

5.6.2 Print Settings

	Menu 29-02-2024 16:57:40	Machine status normal No	ot Connected Press Print Start Print
		Machine Type	Intermittent T -
		Machine Direction	Left hand ma -
Click the "Print Settings" button to		Print Head Width(mm)	32 -
enter the interface		Number of print head caches	1
This interface is the system's settings for		Print Head Replacement Reminder(km)	50 -
the print head function		Display Effect	Real-time up *
and the number of			
print bullers.	Cancel OK	Ribbon Manual Alarm Debugging	
		Figure 5-77	1

Click the " Ribbon Alarm " button to enter the interface shown in Figure 5-78 . You can set the ribbon remaining alarm and whether to stop the machine to prevent damage caused by empty printing.	Image: Menu 29-02-2024 16:58:31 Machine status normal Not Connected Press Print Start Print Ribbon Margin Alarm Setting Green Alert Output Type Normal On • • Yellow Alert Output Type Normal On • • Red Alert Output Type Normal On • • Red Alert Output Type Normal On • • Yellow Alert% 30 • • • Stop Or Not? No • Cancel OK OK Figure 5-78 • • •
Click the " Manual Debugging " button to enter the interface shown in Figure 5-79 . After entering this page, startup printing cannot be performed. Only by exiting this interface can the normal "start printing" be completed. Each part can be controlled individually on this page. This function is an independent debugging function for troubleshooting machine faults	Press Print Start Print Box Hall - Magnetic Encoc - Motor Encoder - Left Hall - Right Hall - - Motor Encoder - Main Motor Off Red LED Off Press Valve Off Slave Motor Off Blue LED Off Print Valve Off Vellow LED Off Figure 5-79 Figure 5-79
Machine type	the coder include intermittent and continuous types. Note: To switch from an intermittent machine to a continuous machine, you need to add a structural member. Only when it is installed can the switching of printing methods be completed.
Machine direction	The machine is divided into two machine types according to the initial position of the print head. If the print head module runs from left to right, the machine is a left-oriented machine; if the print head module runs from right to left, the machine is a right-oriented machine.
Print head width	The effective width of the thermal print head is divided into 32mm and 53mm.
Number of printhead buffers	Setting cache information, the number of consecutive prints, and print mode can be set in the options.
Print head replacement reminder	The machine's print head will record the number of meters printed from the beginning of use, and set a replacement reminder when the corresponding number of meters is reached. This can predict the using

	period of the print head in advance and reduce losses caused by			
	reduced printing effects.			
Display effect	This function is multi-data transmission, and you can choose "real-time refresh" or "non-real-time refresh" for cached data update .			
Yellow alarm	Set the ribbon remaining alarm and display it in the status bar as a yellow alarm.			
Red alarm	Set the ribbon remaining alarm and display it in the status bar as a red alarm.			
Whether to shut down	Whether to stop using the machine's printing function after reaching the red alarm.			
Notice :				
a. In "Data Refres refresh; refreshing	h Mode", if data synchronization is required, please select real-time g in advance can improve the response speed of each product.			
b. For display effects, select real-time update to synchronize the display effect, while non-real-time update can improve the response speed of each product. c. For data refresh and display effects, choosing real-time will provide better usage results.				
Function key options	CancelReturn to the previous menu .OkConfirm modification .			

5.6.3 Events Records

	f Menu	29-02-2024 17:05:05	Machine status normal	Not Connected	Press Print	Start Print
	SN		Events		Time	-
Click the "Event Record "	1	User: admin* Log	in	2024-02-29 17:0	2:44	
button to enter the	2	Serial port cannot	be opened	2024-02-29 17:0	02:42	
interface shown in Figure	3	Disconnected		2024-02-29 16:5	9:54	
	4	User: admin* Log	in	2024-02-29 16:5	5: <mark>03</mark>	
5-80. The page will	5	Serial port cannot	be opened	2024-02-29 16:5	55:01	
display 100 recent records	6	Disconnected		2024-02-29 16:5	64:56	
of the machinely energy	7	User: admin* Log	in	2024-02-29 16:1	.3:40	
of the machine's operating	8	Serial port cannot	be opened	2024-02-29 16:1	.3:14	
status in chronological	9	Disconnected		2024-02-29 16:0	08:05	
order Drag the white	10	The clock has bee	en changed to2024-02-24 15:15:41	2024-02-29 15:1	.5:47	
alidar and the minite side of	11	User: admin* Log	in	2024-02-29 15:1	.5:38	
slider on the right side of	12	Serial port cannot	be opened	2024-02-29 15:1	.5:35	
the screen to turn pages.	13	User: admin* Log	in	2024-02-24 10:1	.7:05	
1 0	14	User: admin* Log	in	2024-02-24 10:1	.6:04	
	15	User: admin* Log	in	2024-02-24 09:1	.2:23	
	Ca	ncel OK				
			Figure 5	-80		
Function koy options	Cancel	Reti	Irn to the previous m	ienu .		
runction key options	Ok	Con	firm modification.			

5. 6. 4 User management

Click "User Management" to enter the interface shown in Figure 5-81 . This function is used to add delete coding or machine login users. Each user has а corresponding user name and password. After adding a user, this page will display the number of users and user roles added to the machine.

Click the '>>>' button under "Edit" to the interface enter shown in Figure 5-82. The corresponding user's name, password, usage permissions and reset permissions can be edited. If you cancel choosing certain functions, the user will not be able to use them.

A	S	sho	own	in
Figure		5-83	,	click

	1 mone	17:06:14	wac	hine status normal	Not Connected		ress Print	Start Phi
С	urrent Users : a	dmin*			Automatic login (t	akes effect af	ter saving	the password
User				Functi	ons		Editor	
1 admin*		,	Administrators		>>>			
groupleader*			(Group Leader		>>>		
3 1	nanager*			Production Manager >>>		>>>		
4 new		ſ	Production Manager		>>>			
; (operator*		C	Operators			>>>	
				Figure	5-81			
	Menu	29-02-2024 17:07:03	Mac	Figure	5-81 Not Connected	I Pr	ess Print	Start Prin
Je	Menu é	29-02-2024 17:07:03	Mac	Figure	5-81 Not Connected	l Pr	ress Print	Start Pri
Js	Menu 2 er : admin* Fur Authorities	29-02-2024 17:07:03	Mac	Figure	5-81 Not Connected	P	ress Print	Start Pri
Js	Menu Mer : admin* Fur Authorities Start/Stop Printing	29-02-2024 17:07:03 Inctions : Admin Start or St	Mac histrators op printing,	Figure hine status normal Descr printer moves to prin	5-81 Not Connected ibed t ready position	P	ress Print	Start Pri
Js	Menu Mer : admin* Fur Authorities Start/Stop Printing Send Print	29-02-2024 17:07:03 nctions : Admin Start or St Update pri	Mac Mistrators op printing, inting with th	Figure hine status normal Descr printer moves to prin he latest edited mess	5-81 Not Connected ibed t ready position age	P	ress Print	Start Pri
Js	Menu Authorities Start/Stop Printing Send Print Message	29-02-2024 17:07:03 nctions : Admin Start or St Update pri Create, Ec	Maci histrators op printing, inting with th dit and Save	Figure hine status normal Descr printer moves to prin he latest edited mess Messages	5-81 Not Connected ibed t ready position age	P	ress Print	Start Pri
Js	Menu aer : admin* Fur Authorities Start/Stop Printing Send Print Message Files Storage	29-02-2024 17:07:03 nctions : Admin Start or St Update pri Create, Ec Direct imp (MSG, fon	Mac histrators op printing, inting with th dit and Save ort and exp ort and exp ort s, etc.)	Figure hine status normal Descr printer moves to prin he latest edited mess Messages ort, call the function o	5-81 Not Connected ibed t ready position age f the file to import, ex	Pr	ress Print	Start Pri
Js	Menu Authorities Start/Stop Printing Send Print Message Files Storage Print Parameters	29-02-2024 17:07:03 nctions : Admin Start or St Update pri Create, Ec Direct ing (MSG, fon Related pa	Maci iistrators op printing, inting with th tit and Save ort and exp. ts, etc.) arameters th	Figure hine status normal Descr printer moves to prin he latest edited mess e Messages ort, call the function o hat affect print quality	5-81 Not Connected ibed t ready position age f the file to import, ex are displayed on the	port and dele settings page	ress Print	Start Pri
Js	Menu Authorities Start/Stop Printing Send Print Message Files Storage Print Parameters Print Quality	29-02-2024 17:07:03 nctions : Admin Start or St Update pri Create, EC Direct imp (MSG, fon Related pri Set messa	Maci iistrators op printing, inting with ti tit and Save ort and exp ts, etc.) arameters th uge about page	Figure hine status normal Descr printer moves to prin he latest edited mess e Messages ort, call the function o hat affect print quality arameters that affect	5-81 Not Connected ibed t ready position age if the file to import, ex are displayed on the print quality	port and dele settings page	ress Print	Start Prin
Js	Menu Authorities Start/Stop Printing Send Print Message Files Storage Print Parameters Print Quality Print Count	29-02-2024 17:07:03 Inctions : Admin Start or St Update pri Create, Ec Direct imp (MSG, fon Related pa Set messa Check pro	Maci iistrators op printing, inting with th ift and Save ort and exp ort and exp ort and exp arameters th uge about pr duct small of	Figure hine status normal Descr printer moves to prin he latest edited mess Messages ort, call the function o hat affect print quality arameters that affect counts and total coun	5-81 Not Connected ibed t ready position age of the file to import, ex- are displayed on the print quality ts and reset	port and dele settings page	ress Print	Start Pri
Js	Menu Authorities Start/Stop Printing Send Print Message Files Storage Print Parameters Print Quality Print Count Print Mode	29-02-2024 17:07:03 nctions : Admin Start or Sti Update pri Create, Ec Direct ing (MSG, fon Related pri Set messa Check pro Switching including in	Maci iistrators op printing, inting with th tit and Save ort and exp. ts, etc.) arameters th tige about pa duct small d different prin thermittent (Figure hine status normal Descr printer moves to prin he latest edited mess e Messages ort, call the function o hat affect print quality arameters that affect counts and total coun nting modes to meet continuous printing m	5-81 Not Connected ibed t ready position age of the file to import, ex are displayed on the print quality ts and reset the needs of different ode switching	Pr sport and dele settings page	ress Print	Start Prin
Js	Menu Authorities Start/Stop Printing Send Print Message Files Storage Print Parameters Print Quality Print Count Print Mode Ribbon Parameters	29-02-2024 17:07:03 nctions : Admin Start or St Update pri Create, Ec Direct imp (MSG, fon Related pa Set messa Check pro Switching including i Before pri manually f	Maci nistrators op printing, inting with the lit and Save ort and expro- ts, etc.) arameters the age about pro- duct small (duct small (duct small (duct small (duct different pri- ntermittent (inting, the perior subseque	Figure hine status normal Descr printer moves to prin he latest edited mess Messages ort, call the function o hat affect print quality arameters that affect counts and total coun nting modes to meet continuous printing m arameters of the ribbo ent print control and of	5-81 Not Connected ibed t ready position age if the file to import, ex- are displayed on the print quality ts and reset the needs of different ode switching m can be read by RF calculation of print qu	port and dele settings page stuations, ID or entered antity	ress Print	Start Pri
	Menu Authorities Start/Stop Printing Send Print Message Files Storage Print Parameters Print Quality Print Quality Print Count Print Mode Ribbon Parameters Print debuggin	29-02-2024 17:07:03 Actions : Admin Start or St Update pri Create, EC Direct imp (MSG, fon Related pa Set messa Check pro Switching including in Before prin manually f Internal te products m parameter	Maci istrators op printing, inting with ti tit and Save ort and exp ts, etc.) arameters th uge about pa duct small (different pri ntermittent intermittent intermittent at function to subsequi s 1-5	Figure hine status normal Descr printer moves to prin he latest edited mess e Messages ort, call the function of hat affect print quality arameters that affect counts and total coun nting modes to meet continues printing met arameters of the ribbo ent print control and co o deal with non-facto ist the appropriate prin	5-81 Not Connected ibed t ready position age of the file to import, ex- are displayed on the print quality ts and reset the needs of different ode switching on can be read by RF- alculation of print qu ry standard ribbon, pu nt speed, as well as p	port and dele settings page sistuations, ID or entered antity init head and print drive	ress Print v te files v v v v v v v v v v v v v	Start Pri

Menu	29-02-2024 17:07:50	Machine status nor	rmal	Not Connected	Press Print	Start Print
Current User	s : admin*		Aut	omatic login (takes	effect after saving th	ne password)
	User		Add User		Editor	
Ladmin*		New Users	New 001		>>>	
		Password	•••••			
2 groupleade	r*	Confirm Password	•••••			
3 manager*		Functions	Production Manager -		>>>	
			Can	cel OK –		
1 new		r roduction wa	r rouucaon manager		>>>	
5 operator*		Operators			>>>	
Cano	sel Add	Delete				
Cano	User	User				
		Fig	ure 5-8	3		

"Add User", select the corresponding functions, corresponding to different permissions, enter the new user name, password, and confirm the password to create a new user.

As shown in Figure 5-84, for a new user, click "Edit" to change the user's name, password, usage permissions and restore the "default permissions ". Note that these functions can only be edited by new users. The original users 1-4 have fixed permissions and can be directly selected within the machine.

As shown in Figure 5-85, for new users, click "Delete User" to select or delete the newly created users in batches. The default administrator password is: service.

29-02-2024 f Menu Machine status normal Not Connected Press Print Start Print 17:09:27 User : new Functions : Production Manager Authorities Described 1 Starvou Printing Start/Stop Start or Stop printing, printer moves to print ready position V 2 Send Print Update printing with the latest edited message 3 Message Create, Edit and Save Messages Direct import and export, call the function of the file to import, export and delete files (MSG, fonts, etc.) 4 Files Storage 1 Print 5 Related parameters that affect print quality are displayed on the settings page V Parameters 6 Print Quality Set message about parameters that affect print quality 7 Print Count Check product small counts and total counts and reset ~ Switching different printing modes to meet the needs of different situations, 8 Print Mode V including intermittent continuous printing mode switching Before printing, the parameters of the ribbon can be read by RFID or entered Ribbon Parameters 9 manually for subsequent print control and calculation of print quantity Internal test function to deal with non-factory standard ribbon, print head and other products need to adjust the appropriate print speed, as well as print drive 10 Print debugging parameters 1-5 Change Password Determine Default Change Cancel Name Permissions Authorities



Menu	29-02-2024 17:11:57	Ма	chine status normal	Not Connecte	ed	Press Print	Start Print
Current Users	s : admin*						
	User		Funct	ions			
new			Production Manager				
new			Production Manager				
Cano	el Delete Check						
			Figure	5-85			
			i iguic	5 05			

	return	Return to the upper level directory	
	Add user	Enter the username, password and role and click OK to	
Function key options		add users	
	delete users	After selecting the user and clicking Delete, enter	
		the admin password to delete the user.	
System advanced login user name: admin Password: service			

5. 6. 5 Advanced menu

	Menu 29-02-2024 17:12:28 Machine status normal Not Connected Press Print Start Print
As shown in Figure 5-86, this functional interface is not helpful to users. The password is a dynamic password, which is used for early debugging by developers and is not open to the public.	Machine ID 0000000 Please enter an advanced password
	Cancel OK
	Figure 5-86
Function key options	returnReturn to the previous menuConfirmConfirm modification