

Bar code label scale

SC series operating instructions

March 2021

Third Edition

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Introductory remarks

Thank you for buying SC series bar code label scale. The operation instructions describe the performance and operation method of this scale in detail, which can guide you to use it correctly. This manual will help you a lot when you encounter problems or machine failure.

SC series bar code label scale is a high performance bar code label scale developed, produced and sold by Xiamen ATP Technology Co., Ltd.

Fashion appearance, strong performance and high reliability, make SC series label scale become the ideal choice for users in the big business, fresh supermarket, farmers market weighing, label printing industry.

Note: this product information is subject to change without prior notice.

This information is for reference only. Except as stipulated in the current laws and regulations of China, the Company shall not be liable for any direct or indirect loss caused by the use of this information.

The Company reserves the right of final interpretation.

1、 Label Scale Specification

1.1 Weight range and calibration index:

Model: SC-15

Maximum weighing :6 kg/15kg

Minimum weighing :40 g

(0-6) kg verification index: $e=2$ g

(6-15) kg verification index: $e=5$ g

Model: SC-30

Maximum weighing :15 kg/30kg

Minimum weighing :100 g

(0-15) kg verification index: $e=5$ g

(15-30) kg resolution: $e=10$ g

1.2 Accuracy rating: **III**

1.3 Type Approval Certificate Number: **PA** 2018F147-35(Minquan 1551)

1.4 Enforcement of product standards: GB/T 7722-2005

1.5 Analytic:

Input sensitivity:greater than or equal to $50 \mu\text{V/D}$

Zero adjustment: ± 60 mV

Temperature coefficient (range): $0^{\circ}\text{C}-40^{\circ}\text{C}$

Nonlinear:0.01 F.S. per cent

A/D resolution:Maximum 30000 resolution

Display resolution:1/3000

A/D conversion rate:3 per second

1.6 LCD display board:

Screen size:100 x 90mm

Backlight colour:White

Price figures:6

Weight digits:6

Total price:7

Lattice area:84 x 16

Logo:Chinese/English

1.7 General:

Power:AC 220V 50HZ

Operating temperature: $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$

Appearance Size:478(length)*384(width)*569(height) mm

2、 Standard equipment for label scales

1 Host:	1 unit
2 Scale:	1
3 Display group (LCD, display bar, screw*4):	1 Group
4 Thermosensitive label paper:	1 volume
5 Simple instructions:	1
6 Certificate/warranty card:	1

3、 Features Summary

3. 1 Digital printing scale with label printing function and electronic cash register function;

3. 2 The unique mechanism design is convenient to load paper, the printer mechanism design is exquisite, not easy to paperjam;

3. 3 Can upgrade the system through network PC, update advanced function ;

3. 4 Has the packing function, may package the specific commodity according to the need;

3. 5 Support Ean-8 code、 Ean-13 code and 18 code, adapt to all kinds of fresh commodity code;

3. 6 Can quickly edit hot key and provide up to 154 hotkeys;

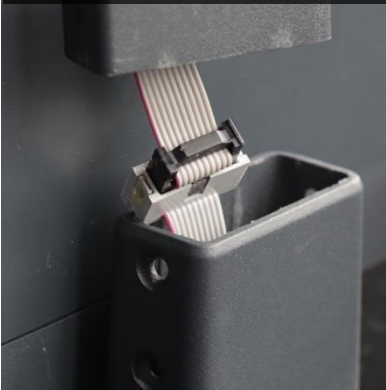
3. 7 We provide powerful PC software interfaces (WinXP、 Win7、 Win8、 Win10) for data exchange via Ethernet, RS-232 and scales;

3. 8 With one-dimensional bar code and two-dimensionalcode printing function.

4、 Overview of installations

4.1 Machine assembly

Take the display screen,
fasten the empty connection



Fall into base, screw
locked



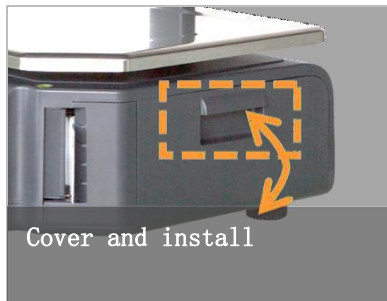
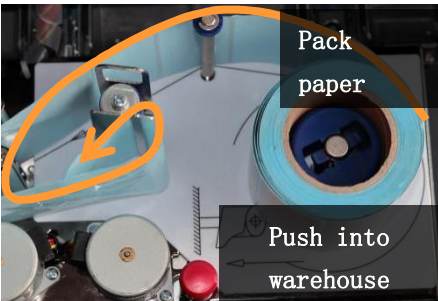
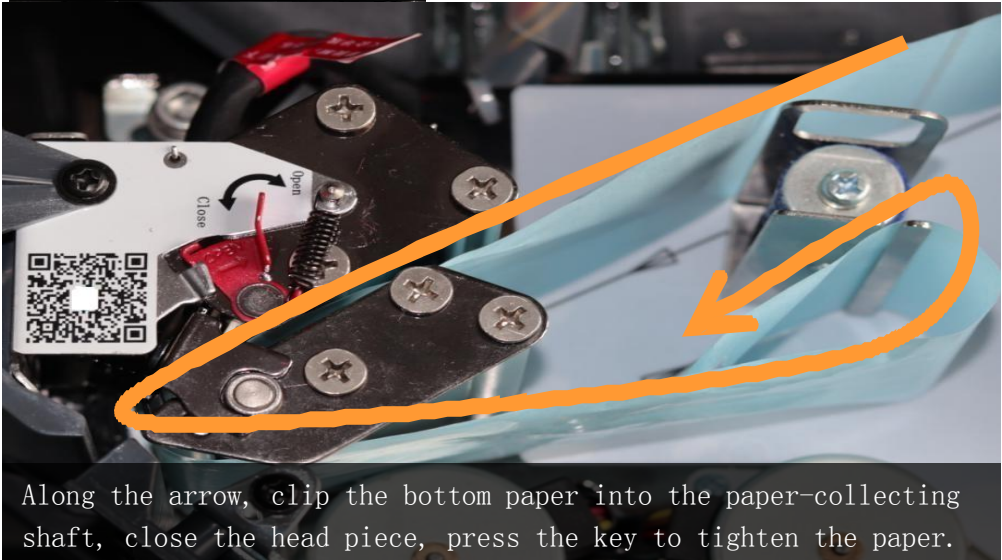
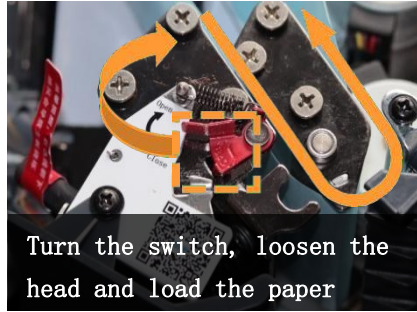
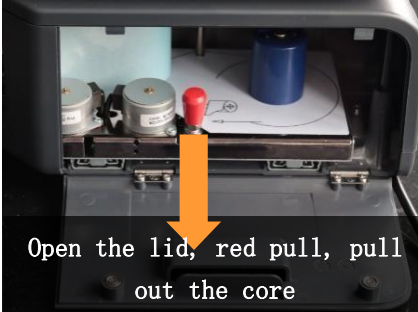
Place the scales and adjust
the feet



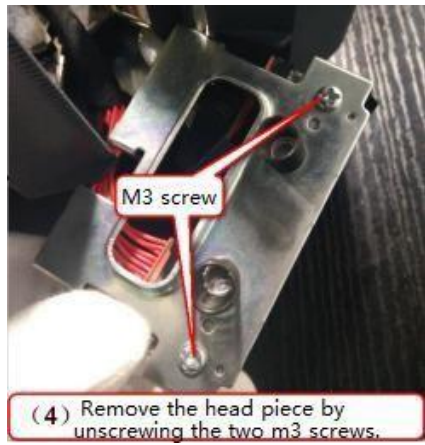
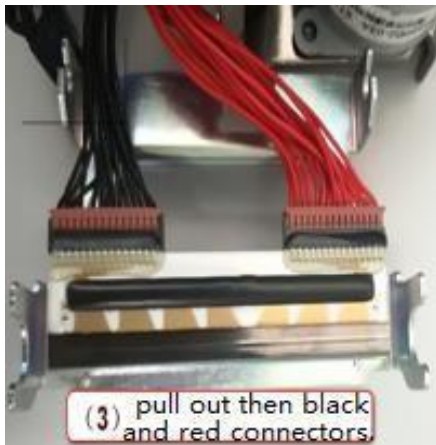
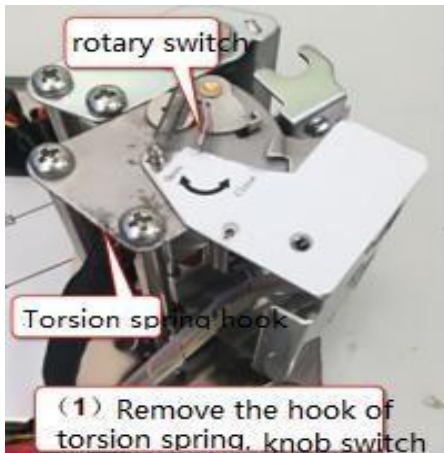
Switch on, turn on



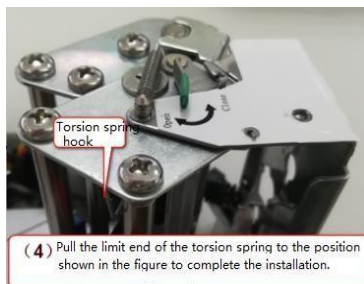
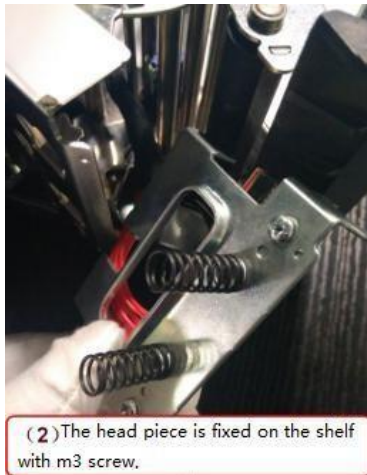
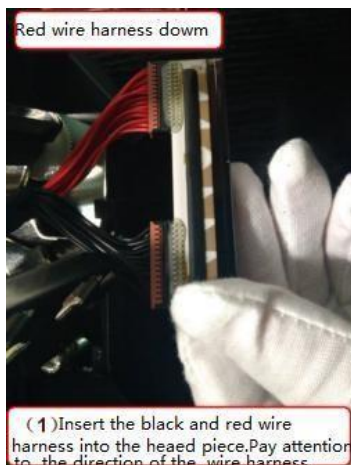
4.2 label paper loading instructions



4.3 Printer head removal (note: please wear gloves)

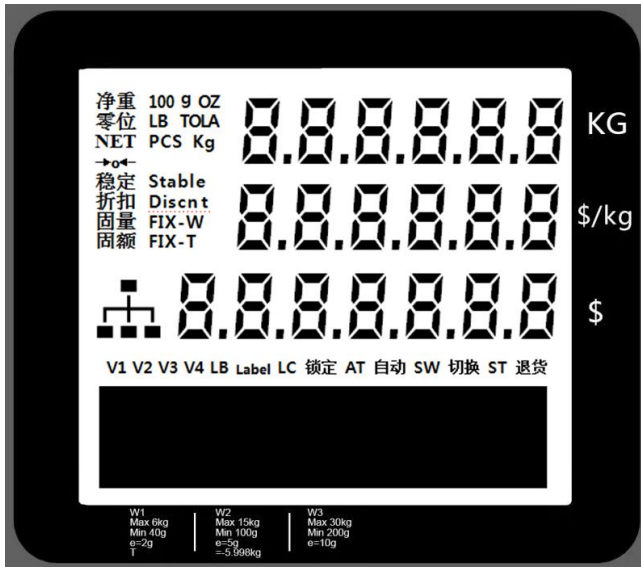


4.4 Printer head piece fast (note: please wear gloves for assembly head piece)



4.5 Display panel

Field Type



4.6 Keyboard

77 Pre-key type

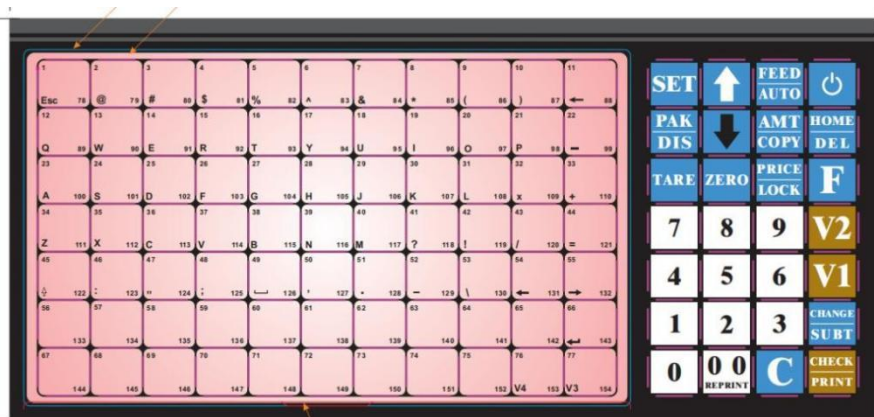
















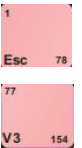
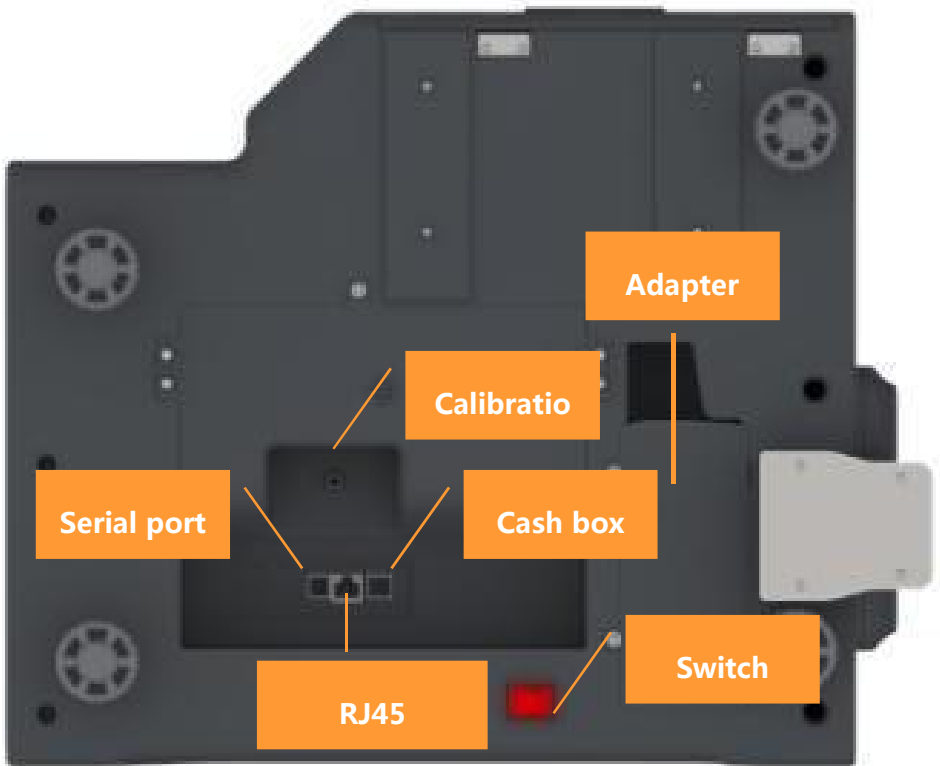


Table: Key function

Key	Name of name	Purpose
	Opening key	Short press: turn off/on backlight; Long press: turn on/off
	Paper walking/automatic keys	Short press: go paper; Long press: switch automatic
	Set key	Short press: set/confirm; Long press: set shortcut key
	Home key /Delete key	Short press: go back to the homepage; Long press: delete the goods in the total goods
	Quantity/copy key	Short press: temporary count merchandise sales; Long press: copy last output label
	Up, down	1. switch shortcut key ;2. Move up and down key
	Packing/discount keys	Short press: packing(fixed weight); Long press: discount(percentage);
	Function Key	1. Label selection 2. Input weight manually. It is off by default.
	Price/Lock key	Short press: temporary weight goods sales; Long press: lock price Note: Lock Price: Can be continuously

		called the same commodity without re-entry PLU
	Zero key	Reset the weight of the scale plate to "0"
	Peel key	1. remove skin weight ;2. Set skin weight
0 9	Number keys	Input numbers
	Clear key	1. return operations or clear numbers are usually used to clear unit prices 2. remove abnormal images or error messages to return the system to normal
 	Total 1, total 2	Total commodity information
	Change	Change (valid only in cash register mode)
	Confirm/pr int key	Used to select confirmation or print
	Hot key	1. shortcut key; 2 keyboard.

4.7 Appearance



Bottom

5、Instructions

5.1 Switchgear

After plugging in the power supply, turn on the power switch (bottom red switch). After entering the self-inspection process, the system displays all (figure 1), and finally displays the address IP the scale and the software version (figure 2). After self-inspection, enter the normal weighing working state. Display year, date, time, advertising language after n seconds without operation (Fig .3).

The key to opening has two functions :1. Soft switch machine 2. Switch backlight.

Operation method: short press for switch backlight, long press for soft switch machine.

Note: “千克” means “kg”, “元/千克” means “yuan/kg”, “元” means “yuan”, The same below.

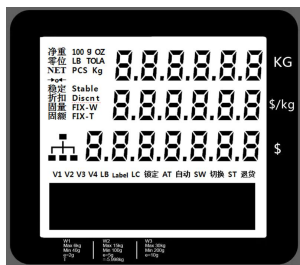


Figure 1 Start self-test step 1:
full display state diagram



Figure 2 start self-test step 2:
IP address and version number.



Figure 3 Standby status

5.2 Weighing commodities

Provides three weighing commodity pricing methods, the corresponding display is shown in figure 4.



Figure 4 Weighing commodities

The PLU data is not PC downloaded by the background server or edited in advance in the scale, use method 1; if the PLU data has been downloaded by the background server or edited in advance in the scale, use method 2, method3.

Note :1) Zero state: there is no object on the scale. Press the "Zero" key to make the weight of the object zero, and the screen displays "Zero".

2) Stable state: no object on the scale or weighing object stationary. at this time the screen shows "stable".

Method 1: Suitable for unsettled PLU

Operation example: sold 2 kg apples, unit price is 7.50 yuan / kg.

Operation steps: press "zero" key to weigh the scale to zero → put on the weighing goods
→ press "price lock" to enter the temporary unit price mode →
use the keyboard to enter the unit price → press "confirm print" key

Method 2: Common Operation Steps

Operation example: sell 2 kg apple, assume its corresponding PLU is 18,
unit price is 7.50 yuan / kg.

Operation steps: press "clear" key to weigh the scale to zero → put on the apple → enter
18 on the keyboard → press "confirm print" key

Method 3: Operation Steps of Shortcuts

Operation example: sell 2 kg apple, assume its corresponding PLU is 18, unit price is 7.50
yuan / kg.

Operation steps: press "clear" key to weigh the scale to zero → put on the apple →
press " ↑ " key and " ↓ " key to select the hot key range →
on the keyboard press the corresponding hot key (1-77)

5.3 Peeling weighing operations

If there are weighing goods with outer packaging, such as eggs, beans and so on have two situations.

The corresponding display is shown in figure 5.



Figure 5. Peeling commodities

If packaging (box, basket, etc.) and valuation goods can be separated, use method 1; if packaging (box, basket, etc.) and valuation goods can not be separated, use method 2.

Method 1: for packaging (boxes, baskets, etc.) and valuation goods can be separated

Operation example: sell a box of apples, the unit price of apple is 8 yuan / kg, assume its

corresponding PLU is 20, weight is 2.0 kg, the weight of the packaging box 1.0 kg. weight

Operation steps: put on the packing box → press "peel" key → put on a box of apples → press " ↑ " key and " ↓ " key, to select the hot key range → on the keyboard press the corresponding hot key (1-77) weighing, press "peel" key to retreat skin mode

Method 2: suitable for packaging (boxes, baskets, etc.) and valuation goods can not be separated as a whole,

Operation example: sell a box of apples, the unit price of the apple is 8.0 yuan / kg, assuming that the corresponding PLU is 5, the skin weight is 0.5 kg the total weight of the apple and the box is 3.0 kg..1

Operation steps: press "clear" key, make scale weighing zero → press "peel" key → enter skin weight → press "confirm print" key → put a box of apples on the keyboard press apple hot key → weighing, press "peel" key to retreat skinmode.

5.4 Non-weighted commodities

Provides three non-weight classes in quantitative terms, the display is shown in figure 6.



Figure 6 Counting commodities

If PLU information has been downloaded by the background PC or has been pre-edited on the scale, use method 1 or 2, otherwise, use method 3.

Method 1: General Operation Method

Operation example: sold unit price of 6.00 yuan / PCS of 10 Chinese moon cakes, its corresponding PLU is 30138.

Operation steps: enter item 30138 on keypad → press "confirm print" key → enter the quantity of Chinese moon cake through keypad → press "confirm print" key

Method 2: Preset shortcut key operation steps

Example: sold unit price of 3.00 yuan / PCS of 10 Chinese moon cakes, its corresponding hot bond is 6.

Operation steps: press the hot key of Chinese moon cake on the big keyboard → enter the quantity of Chinese moon cake through the small keyboard → press "confirm print" key

Method 3: Suitable for unsettled PLU

Operation example: sold 10 Chinese moon cakes, the corresponding unit price is 7.00 yuan / PCS.

Operation steps: short press "quantity copy" key, the unit of valuation is PCS → enter the number of Chinese moon cakes through the keyboard 10 → press "confirm print" key > use the keyboard to enter the price → press "confirm / print" key.

5.5 Discount

Can be used through the background PC software to select the sales unit attribute "allow discount" function.

The corresponding display is shown in figure 7.

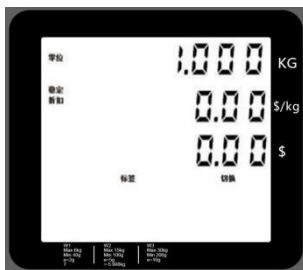


Figure 7 Discount

Method of operation:

Example: now sell a batch of Chinese cabbage ,15% discount, the unit price of Chinese cabbage is 8.0 yuan / kg and hot key is 16.

Operation steps: press "clear" key, make scale weighing zero → long press "package discount" key → enter fold number on keypad → press "confirm print" key → put Chinese cabbage → press keyboard Chinese cabbage hot key

Note: for steps 4 to 5 above, please refer to the weighing commodity valuation method and select other operating methods according to specific circumstances, such as general operation method or preset PLU operation method, and the following discount method is the same.

5.6 PLU variable prices

Before changing the price, we should open the attribute "change price" function of selling single product through background PC software.

There are two ways to change prices. As follows:

Method 1: PLU change the price

Example: weighing and selling 2 kg apples. The unit price of Apple before price change is 4.0 yuan / kg; the unit price of Apple after price change is 3.0 yuan / kg. Assume that the unit PLU is 9.

Operation steps: long press "go paper\\ automatic" key, cancel automatic printing state → press "clear" key, make scale weighing zero → put apple → input PLU or hot key → press "price / lock" key to enter unit price after changing price on keypad (select change mode by "↑", "↓" key: temporary change price or permanent change price)

Method 2: PLU temporary price changes

Example: weighing and selling 2 kg apples. The unit price of Apple before price change is 4.0 yuan / kg; the unit price of Apple after price change is 3.0 yuan / kg. Assume that the unit PLU is 9.

Operation steps: press "clear" key to weigh the scale to zero → put on Apple → enter 9 → short press "price lock" key on the keyboard → enter unit price after variable price on the keyboard → press "confirm / print" key to print

6、 Wireless Label Scale Setting Instructions

6.1 Router Settings

1. Connect the wireless signal of the scale with mobile phone or computer, enter the tplogin.cn, login management interface on the browser, and set the administrator password for the first time.

2. Go to the router configuration home page, select Settings Wizard, set the router to client mode, scan the connection superior AP and restart the router.

3. To reset the router, restore the router to factory settings. Operation steps: unplug the network cable at the bottom of the scale and insert it into the computer, set the computer to automatically obtain IP, open and enter it on the browser tplogin.cn, Login management interface to restore factory settings.

Note: The default wireless signal name is: TP-LINK_XXXXXX (six digits after the MAC address), the Mark address is marked on the scale.

6.2 Label Scale Setting

Press Settings, enter password 1111, enter Settings mode → select system Settings → select hardware Settings → select Network Settings → select DHCP Mode, select Yes → press OK to save settings.

When the router restarts successfully, the bar code scale will automatically obtain the IP address assigned by the superior AP to connect normally.

Note: When the ①DHCP is turned on, the network settings interface can only be viewed and not set. If you need to set it manually IP turn off the DHCP;

②DHCP retry 4 times, if not IP set to system setting IP;

The MAC address of the router should be input to the IP address of the AP.

7、 Function setting

7.1 Network settings

The following steps are set IP label scales, other networks are set in network settings, and other network settings are the same as IP settings.

Press Settings, enter password 1111, enter settings mode → select system Settings → select hardware Settings → select Network Settings → select IP Settings

7.2 Time settings

Press Settings, enter password 1111, enter Settings mode → select system Settings → select hardware Settings → select system time → Select year Settings / month Settings / Day Settings / time Settings → enter the date and time you want to set with a keyboard > Press OK to save.

7.3 Printer settings

press "set" key, enter password "1111", enter setting mode → select "system setting " → select" print setting ", can set ① pick up paper detection, missing paper detection alarm whether open ;set ② seam mark sensitivity, print mode and other printing settings.

7.4 Quick Function Key

Long press "set" key to enter the fast function key, enter the number and press "confirm" key to enter the function.

Digital 01: IP Settings

Digital 02: subnet mask settings

Digital 03: Gateway Settings

Number 04: Retention

Digital 05: Paper Deficiency Detection

Number 06: Paperless Detection

Figure 07: Retention

Figure 08: Retention

Figure 09: Retention

Number 10: Print native information

Number 11: Ad language settings

Figure 12: Retention

Digital 13: Hardware related settings

Figure 14: YearSet

Number 15: Monthly settings

Number 16: Day settings

Number 17: Time settings

Number 18: Edit tag header

Number 45: rounded

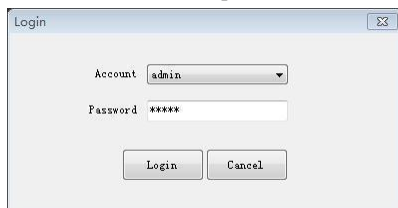
Number 46: Print TestPage

8、Software operation

8.1 Connect computers and scales

A program " Manager" is opened through a network connection scale and computer communication test

User name is "admin", password is " admin", click "login" to enter.



A login dialog box titled "Login" with a close button in the top right corner. It contains two input fields: "Account" with a dropdown menu showing "admin" and "Password" with masked characters "*****". Below the fields are two buttons: "Login" and "Cancel".

Click "Network "-" Device Management" on the main interface:



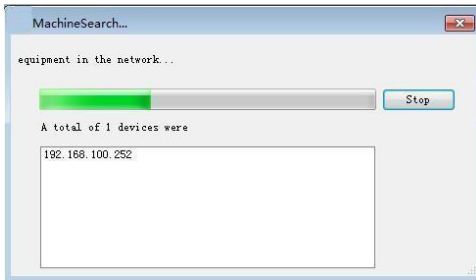
icon, will open the device management interface:



A screenshot of the device management interface. It features a toolbar with icons for "New Device", "Delete", "Save", "Refresh", "Search Equipment", and "测试连接". Below the toolbar is a table with the following data:

Type	Mevalid	ScaleName	IP	SerialPort	BadRate	Comm Mode	ScaleNo	
1	条码标签秤	882844706	EL5-30P	192.168.100.252		115200	Ethernet	0

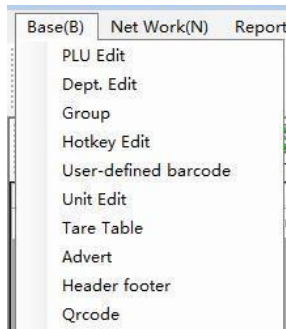
Delete the list of administrative interfaces and click "Search equipment":



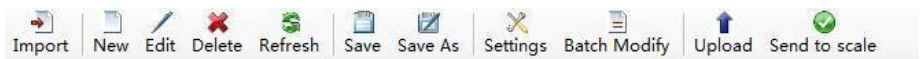
Search out the device is connected with the computer label scale, it can be single item editing, hotkey editing, label editing, program updates, time synchronization and other operations.

8.2 Individual editor

In the main interface click on "Base "-" PLU Edit ", you can enter the single product editing interface.



In the submenu column of single item editing, there are import, add, edit, delete and so on.



Import: the original edited single product information can be quickly imported into the single product editing interface;

Add: add new unit information to the original unit;

Edit: Update existing individual product information;

Delete: delete unwanted item information.

Single product information editing interface

Basic information | Ingredients Message | Other Message

Base

PLU Code: 3 Dept.: 2 Group: 1 Overprice

Price: 3.98 Unit: kg Limit price: 0 Allow discount

Code: 100003

Name1: fsfdfgdgdgfgf3ddddd d d d d d d d d d d Label1: 1

Name2: Label2: 0

BarCode1: 2:EAN.F1P2B8B8B8B8B8B8B8B8 (13XBD-PLU) CustomBarCode1:

BarCode2: 2:EAN.F1P2B8B8B8B8B8B8B8B8 (13XBD-PLU) CustomBarCode2:

Packaging information

Package: NORMAL Fixed Weight: 0 Kg

Ice: 0 % Fixed price: 0

Tare information

Tare: 0 Kg TareNum: 0

DateTime

Validity date: 7 Day Print

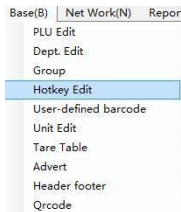
Recommend date: 0 Day Print

Package date: 0 Day Print

- Note:** 1. at least enter the individual code, otherwise PLU; can not be saved
2. save each add PLU,.

8.3 Hotkey Edit

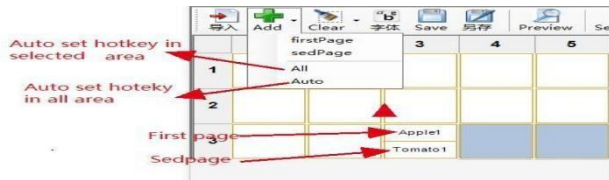
Click "Base"- "Hotkey Edit" on the main interface to enter the shortcut design window:



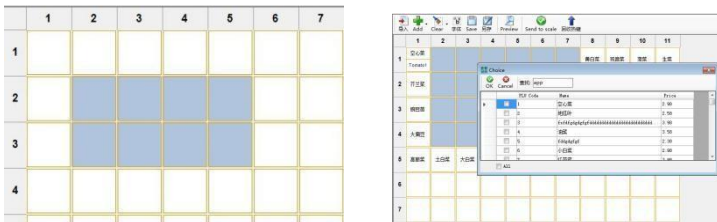
The shortcut design window is divided into main menu bar, submenu bar and hot key editing area:



Add tools, use up hotkeys, down hotkeys, all load and auto load to add the required hotkeys:



Let's say we add hotkeys, first we pull the left button and we need to add hotkeys,

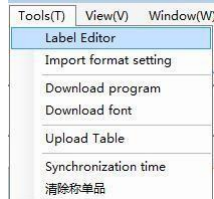


Then click on the add tool-hotkey, pop up the product window, select the item to add, and finally confirm.

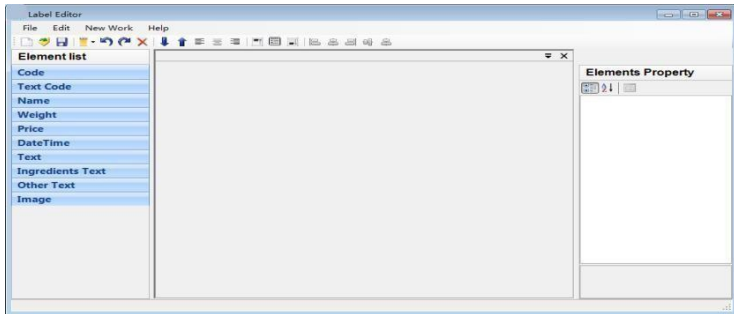
	1	2	3	4	5	6	7
1							
2		苹果	梨子	香蕉	香蕉		
3		葡萄	哈密瓜	西瓜	香梨		
4							

8.4 Label Editing

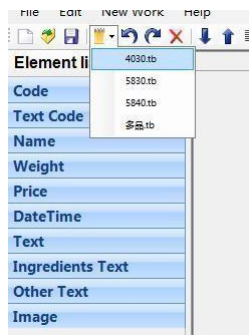
Click Tools on the main interface - Label Editor:

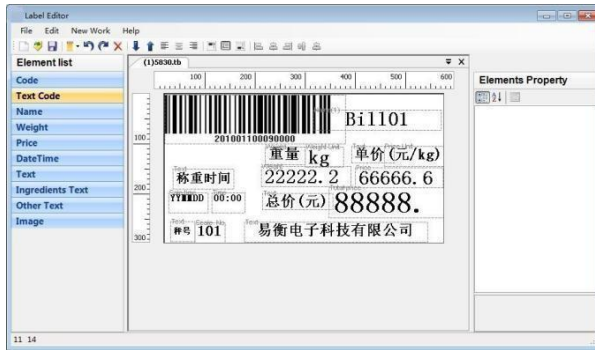


Pop-up window:



Click Label Library to select the desired label size:



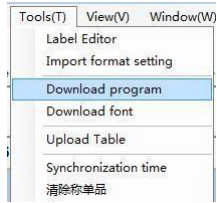


Label editor is divided into three regions: component list, label edit area and component attribute.

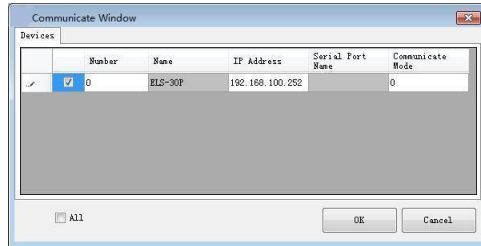
When editing the label, you can select the bar code, number and other attributes of the label from the component list, and edit the component properties on demand. After editing, click Save to save the label.

8.5 Update of Machine Program

On the main interface, click "Tools "-" Download program":



Select the electronic scale to upgrade in the window and click "OK":

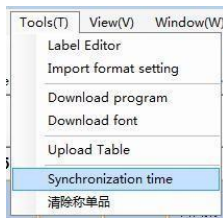


Find the upgrade package, then confirm, go to the transfer data state:

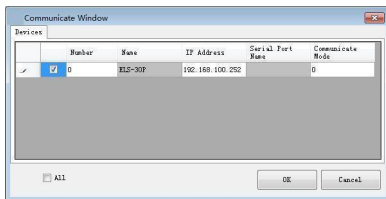


8.6 Synchronization of time

Click on "Tools "–" Synchronization Time ":



Select the name of the time to update in the window:



Note: the synchronization time here is to synchronize the current time of the computer to the label scale.

9、Compatibility mode

9.1 Business Software Export PLU, software Download

Setup method: export the PLU to the file from the commercial software and download it after the host computer is imported.

9.2 Direct Download

In supermarket software, set up electronic scale type: ATP SC-30 series.

10、 Common Fault Analysis

10.1 no response screen no display

Cause: a. power outlet not connected;

b. power switch under the base is not turned on.

Countermeasures: the power cord is connected correctly and the power switch is turned on.

10.2 Printing issues

10.2.1 Print blank label, go paper normally

Reason: the print head is not closed.

Countermeasure: close the print head.

10.2.2 When the printer prints, spit out half or a half label

Cause: a. paper type detection setting error;

b. the printer, the photoelectric direction is incorrect or is blocked by dust;

c. bad photoelectric plate;

d. printer photoelectric pair is bad.

Countermeasure: a. check whether the photoelectric pair after printer is tilted or obscured by dust;

b. If the problem can not be solved, we should consider replacing the photoelectric pair, this operation must be professional by our company personnel handling.

c. check wiring

d. close the door to avoid light

10.2.3 Print blur, not blackenough

Cause: a. print head is not fastened well;

b. heat sensitive head dirty;

c. print concentration, set too low.

Countermeasure: a. buckle print head again;

b. gently wipe the heat sensitive head with soft cloth and alcohol;

c. re-set-hardware settings-print concentration, setconcentration.

10.2.4 The printed label is half clear, half fuzzy or even blank

Cause: a. print head is not fastened well;

b. heat sensitive head dirty;

c. print head deformation.

Countermeasure: a. buckle print head again;
b. gently wipe the heat sensitive head with soft cloth and alcohol;
c. if the a、 b can not be resolved, the printing head deformation, need to replace the printer, bad printer by the company's professionals.

10.2.5 Label paper easy to stick to print head

Cause: a. paper dampens

b. print concentration is too high

Countermeasure: a. drying paper roll

b. reduce print concentration

10.3 Key issues

10.3.1 The button keeps ringing, showing normal

Reason: keystroke short circuit.

Countermeasures: replace the keystrokeboard.

10.3.2 Some keys don't work

Cause: a. key line is not inserted well;

b. the conductive rubber at the key circuit board is not installed;

c. keys are damaged.

Countermeasures: a. check the key line, re-insert;

b. the key circuit at the conductive rubber and the other certain position with rubber strips to remove and reload;

c. if the a、 b fails to solve the problem, the keys may be damaged and replaced.

10.4 Weighing issues

10.4.1 Inaccurate weighing

Cause: a. the rubber pad supporting the scale plate touched the scale shell (upper cover);

b. due to moisture or aging components or geographical differences caused by weighing inaccurate;

c. sensor damage due to overload and other reasons.

Countermeasures: a. check whether the upper cover is fastened, if the buckle is still in contact, it is necessary to reinstall the sensor support frame;

b. re-learn zero full weight, if not resolved, replace motherboard, AD board and even sensors;

c. replace sensor and support frame.

NOTE: Processing of AD panSC and sensors shall in principle be returned to the Company for processing

10.4.2 Zero instability, weighing instability

Analysis: a. affected by the environment, such as vibration, strong magnetic field interference, wind and so on;

b. weighing circuit is damp.

Solution: a. eliminate interference factors;

b. replacement motherboard;

If the c. can not be resolved, the whole machine will be returned to our company for processing.

10.4.3 Not weighed

Analysis: bad motherboard or bad AD board, sensor.

Solution: a. replacement motherboard;

b. check whether the AD board is abnormal, if not resolved, the whole machine returned to our company for processing.

10.5 Connection communication issues

10.5.1 Unable to communicate

Cause: a. improper use of adapter or lack of network cable;

b. computers and scales are not in the same network segment;

c. When computer is connected directly to the scale, the computer should be set to a fixed IP, and be in the same network segment as the scale;

d. power board or motherboard failure.

Countermeasure: a. check whether the network connection is normal;

b. confirm that the computer and scale are in the same network segment;

c. if a、 b are normal, see if can ping pass;

d. if the above aspects are correct, use replacement method to confirm whether the motherboard or communication board failure, and replace.

10.6 Displaying problems

10.6.1 No word or display

Cause: a. display rod joint is not installed, resulting in poor contact with the main engine;

b. the inlet water of the base of the display rod causes short circuit or corrosion of the connecting head;

c. display damaged.

Countermeasure: a. install display rod, lock fixed bolt;

b. replace three-way plate or display rod;

c. replace the display bar.

10.7 Other issues

10.7.1 When printing, the paper is hard to roll, or there is no movement

Reason: may be the paper roll and shaft baffle improper coordination, or shaft installation problems.

Countermeasures: reassemble the printer, it is best to return to the company for processing.

11、Notes

11.1 It is recommended that the switch machine use soft switch, not hard switch machine.

11.2 When turning on, please empty the items on the scale.

12、 Appendix

Appendix 1: Barcode Code Comparison Table

Bar code number	Sector	Cargo Number	Total price	Weight	Check
01~09,39: Ean13 code, first two code					
01	FF(2)	BBBBBB (6)	P.PPP(4)	X	C
02	FF(2)	BBBBB (5)	PP.PPP(5)	X	C
03	FF(2)	BBBB (4)	PPP.PPP(6)	X	C
04	FF(2)	BBB(3)	PPPP. PPP(7)	X	C
05	FF(2)	BBBBBB (6)	X	W.WWW(4)	C
06	FF(2)	BBBBBB (6)	X	WW.WW(4)	C
07	FF(2)	BBBBB (5)	X	WW.WWW(5)	C
08	FF(2)	BBBBB (5)	X	WWWW. W(5)	C
09	FF(2)	BBBBB (5)	X	WWWWW (5)	C
39	FF(2)	X	PPPPP (5)	WW.WWW(5)	X
10~19: Ean13 code, first two codes printed fixed code					
10	20 (2)	BBBBBBBB BB (10)	X	X	C
11	21 (2)	BBBBBB (6)	P.PPP(4)	X	C
12	22 (2)	BBBBB (5)	PP.PPP(5)	X	C
13	23 (2)	BBBB (4)	PPP.PPP(6)	X	C
14	24 (2)	BBB(3)	PPPP. PPP(7)	X	C
15	25 (2)	BBBBBB (6)	X	W.WWW(4)	C
16	26 (2)	BBBBBB (6)	X	WW.WW(4)	C
17	27 (2)	BBBBB (5)	X	WW.WWW(5)	C
18	28 (2)	BBBBB (5)	X	WWWW. W(5)	C
19	29 (2)	BBBBB (5)	X	WWWWW (5)	C

Bar code number	Sector	Cargo Number	Total price	Weight	Check
20: do not print barcode					
21~29: Ean13 code, previous code					
21	F(1)	BBBBBBB (7)	P.PPP(4)	X	C
22	F(1)	BBBBBB (6)	PP.PPP(5)	X	C
23	F(1)	BBBBBB (5)	PPP.PPP(6)	X	C
24	F(1)	BBBB (4)	PPPP. PPP(7)	X	C
25	F(1)	BBBBBBB (7)	X	W.WWW(4)	C
26	F(1)	BBBBBBB (7)	X	WW.WW(4)	C
27	F(1)	BBBBBB (6)	X	WW.WWW(5)	C
28	F(1)	BBBBBB (6)	X	WWWW. W(5)	C
29	F(1)	BBBBBB (6)	X	WWWWW (5)	C
30~32: Ean128 code, previous code					
30	F(1)	BBBBBB (6)	PP.PPP(5)	WW.WWW(5)	X
31	F(1)	BBBBBB (6)	PP.PPP(5)	WWWW. W(5)	X
32	F(1)	BBBBBB (6)	PP.PPP(5)	WWWWW (5)	X
46:18 yards					
46	FF(2)	BBBBBB (6)	PPPPPP (5)	WWWWW (5)	X

Bar code number	Sector	Cargo Number	Unit price	Weight (number) Quantity	Check
40~42: 18 yards, previous yard					
40	F(1)	BBBBBB (6)	UUUUU (5)	WW.WWW(5)	X
41	F(1)	BBBBBB (6)	UUUUU (5)	WWW.W(5)	X
42	F(1)	BBBBBB (6)	UUUUU (5)	WWWWW (5)	X
43~45: Ean8 code					
43	X	BBBBBBB (7)	X	X	C
44	F(1)	BBBBBB (6)	X	X	C
45	FF(2)	BBBBB (5)	X	X	C

Bar code number	Sector	Fresh Code	Cargo Number	Discount	Weight	Check
33~38: 18 code, the previous code printing department code for fresh batch management special FLW						
33	F(1)	LLLLLL (6)	BBBB (4)	RR(2)	WW.WWW(5)	X
34	F(1)	LLLLLL (6)	BBBB (4)	RR(2)	WWW.W(5)	X
35	F(1)	LLLLLL (6)	BBBB (4)	RR(2)	WWWWW (5)	X
36	F(1)	LLLLL (5)	BBBB (4)	RR(2)	WW.WWW(5)	C
37	F(1)	LLLLL (5)	BBBB (4)	RR(2)	WWW.W(5)	C
38	F(1)	LLLLL (5)	BBBB (4)	RR(2)	WWWWW (5)	C

Bar Number	Sector	Cargo Number	Number (heavy) amount	Total (single) prices	Check
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79~85,87:18 yards					
79	FF(2)	BBBBBB (6)	WW.WWW(5)	PPPPP (5)	X
80	F(1)	BBBBBB (6)	WW.WWW(5)	PPPPP (5)	C
81	F(1)	BBBBBB (6)	WWWW. W(5)	PPPPP (5)	C
82	F(1)	BBBBBB (6)	WWWWW (5)	PPPPP (5)	C
83	F(1)	BBBBBB (6)	WW.WWW(5)	UUU.UU(5)	C
84	F(1)	BBBBBB (6)	WWWW. W(5)	UUU.UU(5)	C
85	F(1)	BBBBBB (6)	WWWWW (5)	UUU.UU(5)	C
87	FF(2)	BBBBB (5)	WW.WWW(5)	PPPPP (5)	C

Bar code	Sector	Cargo Number	Total price	Number (heavy) amount	Check
94:18 yards, first two yards					
94	FF(2)	BBBBB (5)	PPPPP (5)	WW.WWWW (5)	C

The letter in the table means the following:

C: checksum (CHECKSUM) F: department code 2: fixed number "2"

B: Cargo Number L: Fresh Code

P: total U: unit R: discount

W: weight X: none

Note :1. Ean13 code =DEPMENT+CODE+[TOTAL PRICE]+:1

Among them: band [x] term indicates that there is no such item in some coding methods.

2. for Ean13 codes, if you use a price bar code, the bar code type is often 2(or 22),

If weight bar code is used, bar code type is often 7(or 27).

3.CHECKSUM is automatically calculated by the label scale, the user does not need to enter this item in the PLU manager.

4.43-45 EAN8 code.

