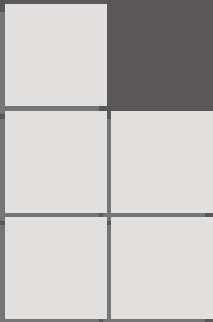
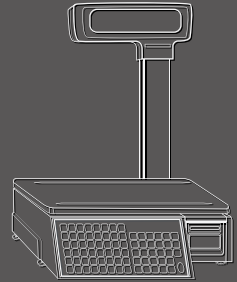


SHANGHAI DIGITAL BALANCE ELECTRONIC CO., LTD



## INTRODUCTION

Thank you for purchasing the DSR series label/receipt printing scale from SHANGHAI DIGITAL BALANCE ELECTRONIC CO., LTD

The DSR series has many features and design features that facilitate operation and increase customer satisfaction. We believe that all your needs will be fully met.

Please read and understand this manual. You can find many easy-to-use features and features through this manual.

---

## SCALE FEATURE

- Maximum range: 6 kg / 15 kg / 30 kg;
- Store 8000 pieces of product information;
- Store 14 custom label formats;
- Product label/receipt can print product number, barcode, product name, unit price, weight, tare weight, quantity, total price, packaging date, packaging time, sales date, sales time, warranty date, 10-line character information, etc.
- A layer of 48 product shortcuts, a total of 144 product shortcuts on the third floor;
- Wired network interface;
- Press the button to directly turn on the embedded printer and quickly replace the receipt paper.

# CATALOG

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## OPERATIONAL WARNING



Please follow the instructions below to operate the product to ensure product and personal safety.



Before installation, it is important to check whether the power supply indicated by the brand name matches to ensure the normal operation of the machine.



Keep your fingers dry when inserting or removing the power Plug to avoid electric shock.



Sharing sockets with other high-power devices can cause large fluctuations. Make sure that one scale uses a matching power outlet.



Metal objects or liquids can cause fire or rust in the scale. Keep an appropriate distance from the scale to avoid damage.



Do not insert metal or flammable objects at the interface to avoid damage to the machine or fire.



Do not scratch or modify the power cord, bend excessively or place heavy objects on top to avoid fire or short circuit.



If the scale falls, please turn off the switch and power Plug immediately, suspend use, and contact the service personnel in time to avoid fire or electric shock.



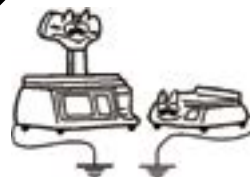
When the scale emits smoke or strange smell, please stop using it immediately, turn off the switch and power supply, and contact the service personnel in time.



Immediately turn off the switch and Plug when metal fragments or liquids enter the interior, suspend use and contact service personnel to avoid fire or electric shock.



To avoid disconnection of the power cord or peeling of the cord when unplugging the power cord, do not pull on the cord.



Make sure that the scale and extension cable are properly grounded, as this can cause external metal parts to be electrostatically charged to prevent fire or electric shock.



Do not remove, repair or modify the scale body, high-voltage, high-heat parts or internal edges to ensure personal safety.

⊕ PRECAUTIONS

Please follow the prompts to extend the life.

- Please avoid placing the product in the following locations:  
If the temperature is too high or too low, direct sunlight, wet place;  
At the shared power supply, excessive vibration, dust, and moisture.
- Do not press the button too hard, please touch the button.
- Do not suddenly bump into the machine to avoid damaging the load cell.
- Do not press the center of gravity on the weighing platform to avoid damage to the load cell.
- To clean the weighing pan and keyboard, use a dry cloth and wipe with a detergent. Do not use thinner or other volatile solvents.
- In order to ensure the normal use of the scale, before starting the operation every day, adjust the level and lock the foot nut, and place a known weight of the item on the weighing platform to check the weighing of the scale.
- Do not place the instrument on an unstable or inclined surface to avoid dropping.
- Use standard thermal paper to store thermal paper under direct sunlight, high temperatures, dust, or moisture.
- When the mechanical equipment is moved to a higher temperature in a place with a lower temperature (such as a refrigerating room), because the temperature difference is large, the power supply cannot be turned on immediately to prevent the condensation of the water vapor and cause damage to the machine.
- Keep one socket and one machine, avoiding high voltage or equipment that may cause power interference.
- Thermal print head failure is not covered by the warranty. Please use and maintain the equipment properly according to the instructions or service personnel's recommendations.
- Do not use the long-distance line of the power Plug of the scale. Be sure to keep it in the AC socket. Keep the hand dry when pulling the Plug. Excessive bending and pulling will damage the power cord and cause fire or electric shock.

**\*NOTICE**

If you have any questions,  
please contact your local  
dealer or call:  
+86-21-5975-7333  
Thank you.

**1.1.1 ELECTRONIC SCALE SPECIFICATIONS**

- Maximum range            6 kg            15 kg            30k

---

- display resolution        1/3000 can be set to dual range (1/6000 or 1/7500)

---

- Peeling range            0.001 ~ 2.999 kg  
                                  0.002 ~ 5.998 kg  
                                  0.005 ~ 9.995 kg

◦ Basic configuration

Monitor	Double-sided LED
Display digits	Tare window 4 digits, weight window 5 digits, unit price window 7 digits, total price window 8 digits
Print head type	Thermal print head
Print width	56mm=448dot
Product shortcut	48 per floor, 144 of 3
Number of items	8000
Transaction Record	8000
Interface	Network cable interface, USB interface, cash register interface, serial interface

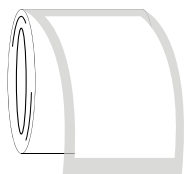
### 1.1.2 RECEIPT PAPER SPECIFICATION

Length (x) range:  $25\text{ mm} \leq x \leq 200\text{ mm}$

Width (y) range:  $25\text{ mm} \leq y \leq 58\text{ mm}$

Diameter (R) range:  $R \leq 80\text{ mm}$

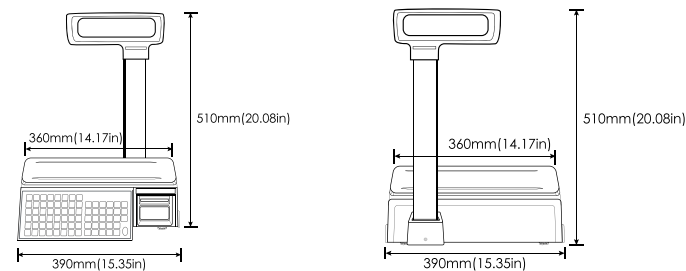
Default paper width: 56 mm



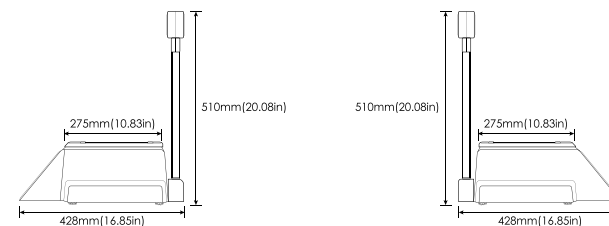
1.1 Product specifications

### 1.2.1 GLOBAL VIEW

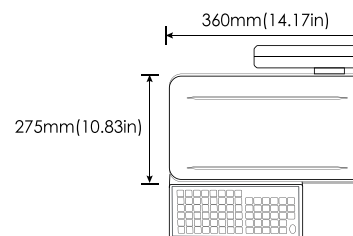
#### ■ Front view



#### ■ Side view



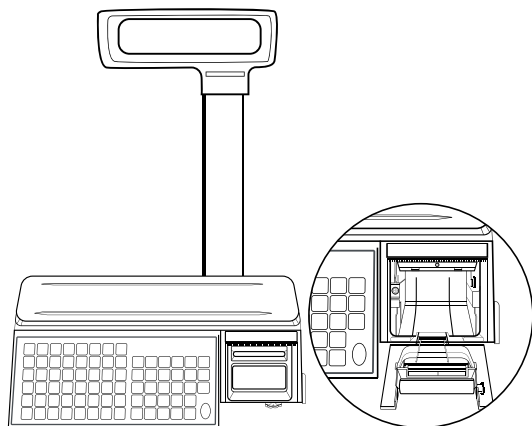
#### ■ Top view



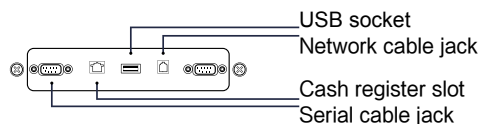
1.2 Display

### 1.2.2 ROLL TRAY

■ Open graph

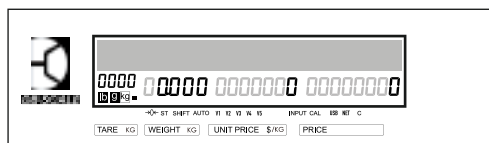


### 1.2.3 INTERFACE



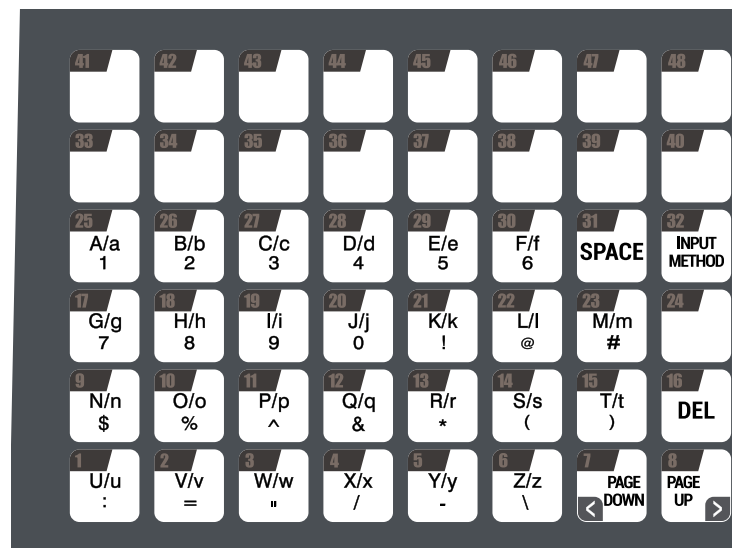
### 1.2.4 DISPLAY

■ Main/sub screen

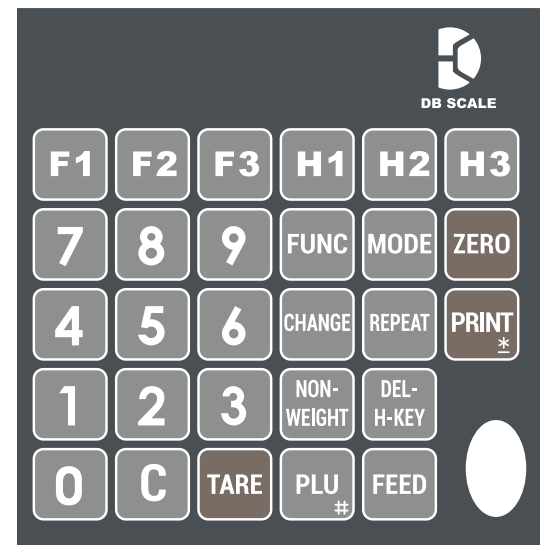


### 1.3.1 Function keyboard

■ Shortcut keyboard



■ Operating keyboard



## 1.4 BASIC FUNCTION KEY

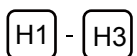
1.4 Basic function key



Used to enter general numbers.



Used to add items, text, and left panel shortcuts when editing.



Used for accumulating multiple transactions.



Used for peeling and restoring tare.



Used to clear screen numbers or clear entire transactions.



Used to enter settings and edits.



Used for subtotals and giving change.



Used to change the number of copies.



Used to operate the multiplier to weigh the item.



Used to cancel a transaction.



Used to reset the value to zero.



Used to retrieve goods.



Used to test if the printer is working properly.



Used to save edits and exit.



Used to page up and down.



Used to delete the wrong character entered.



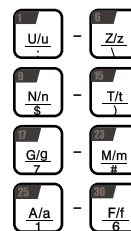
Used to add spaces.



Used for switching between letters, symbols and Chinese location code Inputs.



Used to switch between letters, symbols and Chinese location code Inputs.



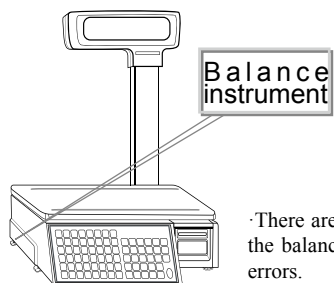
Used to retrieve items, enter characters, symbols or numbers.

*When setting the product shortcut key, the system default function shortcut key can be set to 48, and the third layer can be set, a total of 144 shortcut keys.*

1.4 Basic function key



## 2.1 HORIZONTAL CALIBRATION



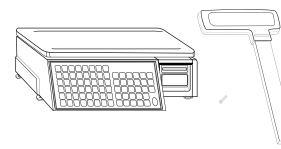
There are 4 feet in total. Adjusting the height can control the balance of the scale body, thereby reducing weighing errors.

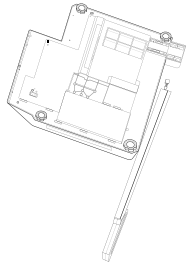
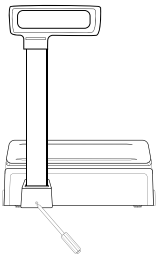
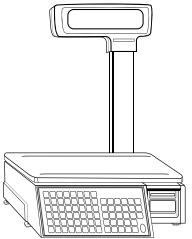
2.1 Horizontal calibration

## 2.2.1 POLE MOUNTING

### Required parts

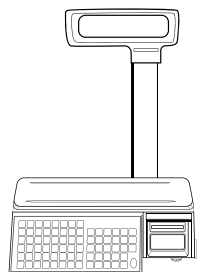
- Scale body, display pole, screw one.



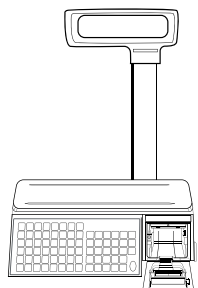
<ul style="list-style-type: none"> <li>Put on the pole sleeve according to the direction;</li> </ul> 	<ul style="list-style-type: none"> <li>Connect the display line and antenna;</li> </ul> 
<ul style="list-style-type: none"> <li>Installed.</li> </ul> 	

2.2 Installation operation

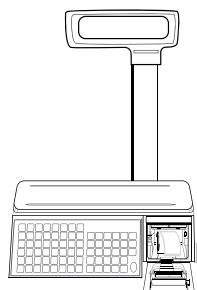
## 2.2.2 ROLL PAPER INSTALLATION



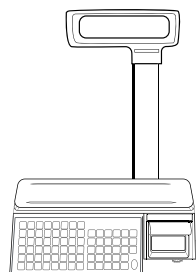
Turn on the printer by pulling the gray square button upwards;



Put down the gray square buckle to check the roll paper;

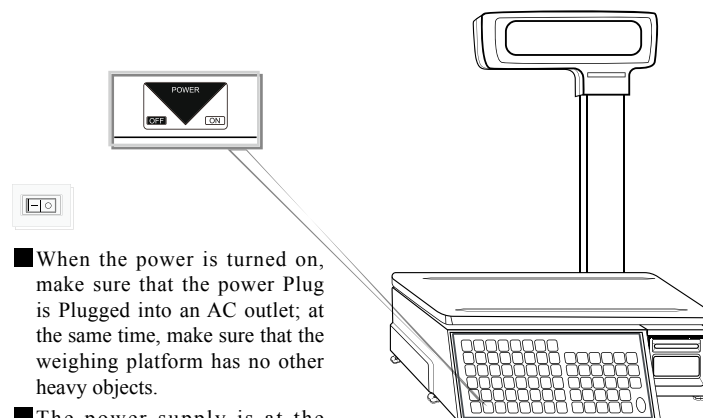


Put in the receipt paper and leave a part protruding out of the saw teeth;



The roll paper installation is complete.

## 2.3.1 ON/OFF OPERATION



- When the power is turned on, make sure that the power Plug is Plugged into an AC outlet; at the same time, make sure that the weighing platform has no other heavy objects.
- The power supply is at the bottom, please turn it on or off according to the instruction plate.

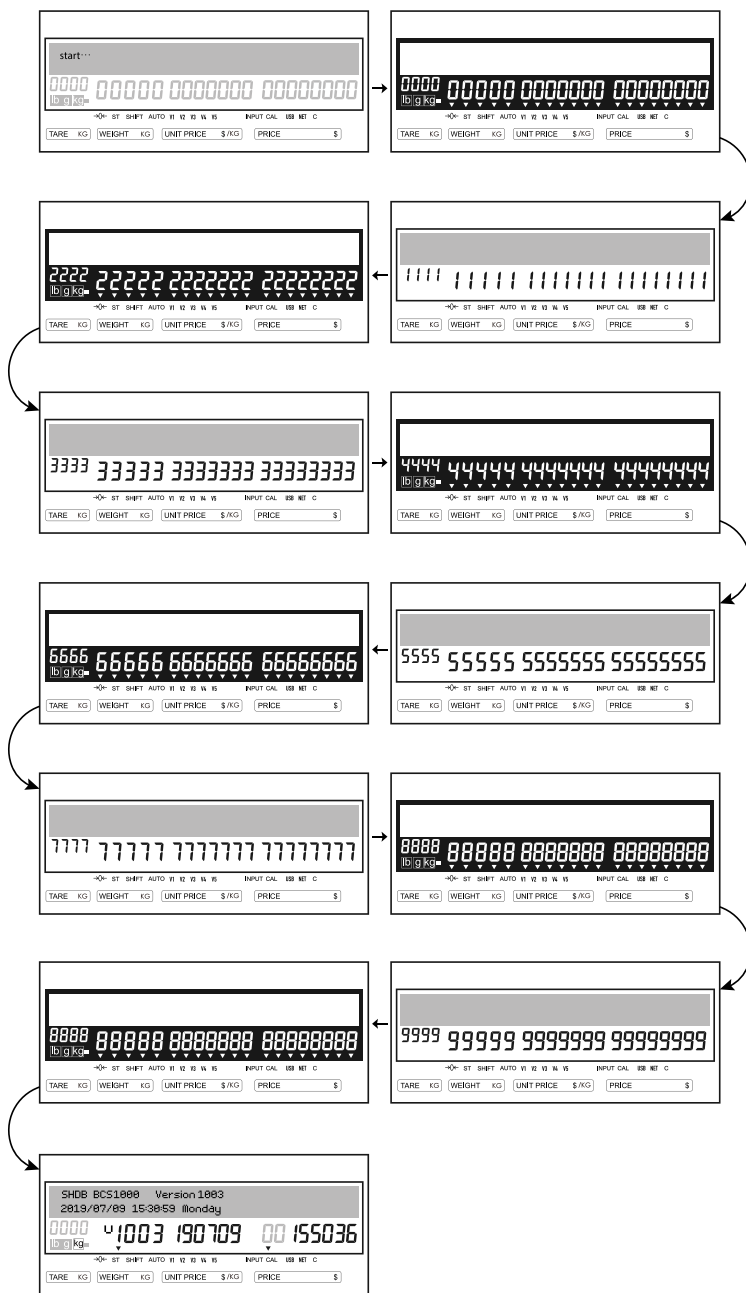


Open state, "O" raised, "-" recessed;



Closed state, "-" raised, "O" recessed.

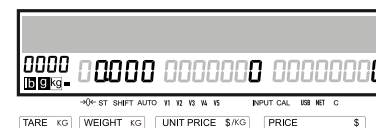
### 2.3.2 BOOT MAP



2.3 Power operation

### 2.4 ZERO OPERATION

\* Zero: Zero the value before starting weighing to reduce the weighing error, and click to zero when no weight is placed on the weighing pan.



### 2.5 TARE OPERATION

\* Tare: When the net weight of the product is required, the tare key can be used to remove excess weight.

#### Digital tare

- If the tare weight is 10g, Keyboard input 10, Click the tare button;



- Put the weight on the weighing object;

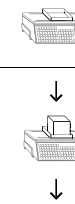


- Click the tare button again to end the weighing.



#### Physical tare

- The tare weight is unknown. Put the tare container on the weighing platform, Click the tare button to get the tare weight;
- Put the item with the container;



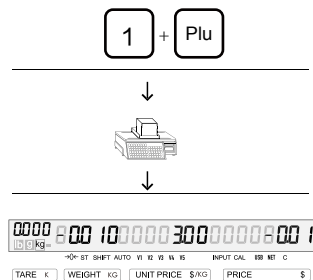
- Click the tare button again to end the weighing.



2.4 Zero operation

**Preset tare** Mode+ 150

- Bring out tare goods ([Digital + project code key] / shortcut key), such as the item number is 1;
- Put the corresponding items on the weighing pan;
- Visible peeling weight.

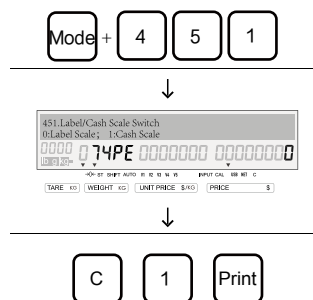


**2.6 MODE SWITCHING**

\* The default Mode is the label scale. When changing the Mode, press and hold the Mode button and enter the desired number.

**Scale Mode** Mode+ 451

- Long press the "Mode" button and click the numeric keypad "4" "5" "1";
- The default display is "0", which is the label scale;
- Click "C", the clear key, enter "1" on the numeric keypad, press "Print" to confirm, and enter the cash register Mode.

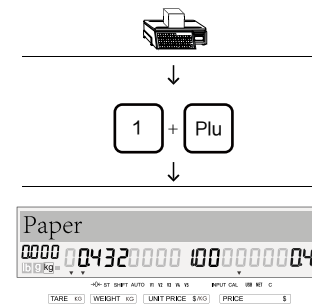


**2.7.1 USE [PLU] TO RETRIEVE GOODS**

\* Items entered in the scale can be added by "Mode" + "1", "5" and "0".

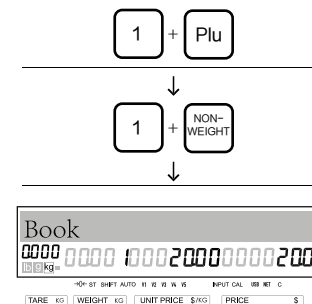
**Weighing goods**

- Place the corresponding product on the weighing pan;
- Enter the corresponding number on the numeric keypad and click the "Plu" button. If number 1 is paper;
- The total price can be seen according to the content added in "Mode" + "1", "5" and "0".



**Non-weighing goods**

- Enter the corresponding number directly on the numeric keypad, and click the "Plu" button, for example, number 1 is the book;
- Click on the number of items, such as a book, click on the numeric keypad "1" "NON-WEIGHT";
- The total price is visible.



2.6 Mode switching

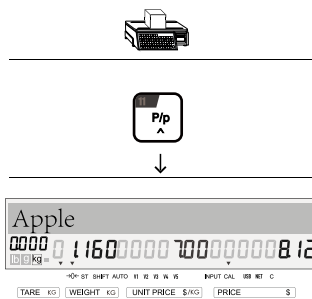
2.7 Weighing operation

## 2.7.2 USE [SHORTCUT] TO RETRIEVE GOODS

\* Product shortcuts can be added via "Mode" + "1", "5" and "2"; the shortcut keyboard can be set up to 3 layers, double-click or triple-click to get the second or third layer of quick items.

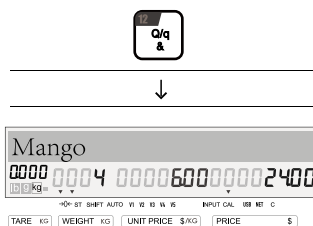
### Weighing goods

- Place the corresponding product on the weighing pan;
- Click the product corresponding to the shortcut keyboard, such as 111 for Apple, that is, 1 layer "11";
- The total price is visible.



### Non-weighing goods

- Click on the product corresponding shortcut keyboard, such as 112 for mango, that is, "1" layer "12";
- Click on the number of items, such as 4 mangoes, click the numeric keypad "4" "NON-WEIGHT";
- The total price is visible.

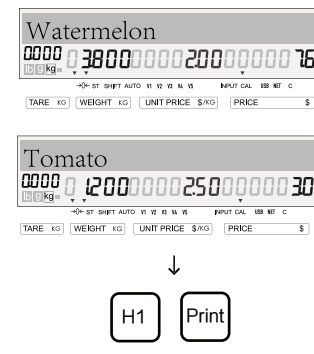


## 2.8.1 Accumulative operation

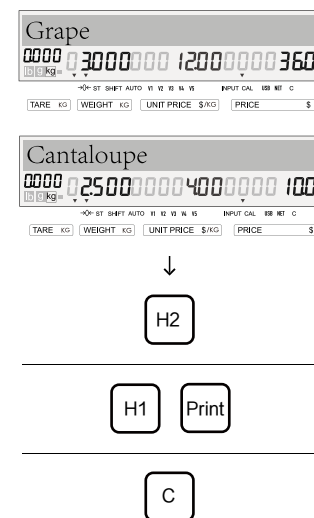
\*The H key is the accumulation key, which is used for item counting. A single accumulation key can place orders for up to 50 commodities, and the accumulation key supports accumulation of up to 5 customers.

### Receipt accumulation

- If 1 is watermelon, "1" + "Plu" is called up, Click the "H1" button.
- If 2 is a tomato, "2" + "Plu", Click the "H1" button, For direct billing, click the "Print" button.



- If you need to switch to a second customer, If 3 is a grape, "3" + "Plu" is called up, Click the "H2" button, If 4 is a cantaloupe, "4" + "Plu" is called, Click the "H2" button.



- If the second customer accumulates, the first customer accumulates unsettled and needs to be settled. Click the "H1" button to switch to the first customer's product. Click the "Print" button to settle directly.
- If the product is incorrect, click the "C" button to clear all items.

## 2.8.2 CANCEL SINGLE ACCUMULATE

### Cancel accumulation

- If 1 is watermelon, "1" + "Plu" is called up, Click the "H1" button, If 2 is a tomato, "2" + "Plu", Click the "H1" button, For direct billing, click the "Print" button.



- If the item is wrong, according to the accumulated number, such as the pending order 2, the second item, Click "2" + "DEL-H-KEY" to cancel the item.

## 2.8.3 SUBTOTAL CHANGE OPERATION

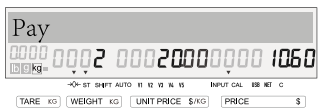
\*H key and V key have the same function. A single accumulated key can hold up to 50 items, and the accumulated key can support up to 5 customers.

### Cancel accumulation

- If 1 is watermelon, "1" + "Plu" is called up, Click the "H1" button, If 2 is a tomato, "2" + "Plu", Click the "H1" button;



- If you settle directly and pay cash, Click the "Change" button. If you pay 20, click the "Print" button to get the receipt.



## 2.9 DISCOUNT OPERATION

\* Set discount shortcut keys, you can set shortcut keys through "Mode" button + "1", "5", "3" / "1", "5", "4" / "1", "5", "5"; system default print button The code number is "10" / "11", "10" is the discounted discount specific amount, and "11" is the discounted discount rate.

### Discount operation

- If you use the "Mode" button + "1", "5", "3" to add shortcut keys;
- After weighing, click the set shortcut key "109", that is, the first layer of the 9th key, then the 9th key is the shortcut key "discount (less discount price)";
- After weighing, click the set shortcut key "109", that is, the first layer of the 9th key, then the 9th key is the shortcut key "discount (multiply discount rate)";
- Click the "Print" button to save the function settings; click the "Print" button again to save the shortcut key;



### Change discount Mode Mode+302

- Long press "Mode" + "3" "0" "2" If necessary, you can change the effective number of digits of the discount, click the "Page down" button to change the algorithm;
- Click the "C" button to clear the "1" (deduction ratio) of the original setting, and click the numeric keypad "0";
- Click the "Print" button to save.



2.9 Discount operation

## 3.1 VIEW ALL SETTINGS

## View settings Mode+ Tare

100.Sale Report	222.BCD font	354.Current txn. no.	511.Shortcut key set
101.Group sale report	223.BCD F1F2	356.Set receipt No.	512.Battery warning set
102.Plu Sale Report	224.Preddefined barcode	400.Scale no.	513.LCD brightness set
120.Plu Label Sample	225.Barcode shift	401.Set WLAN IP ADDR.	514.Transaction Dot Matrix Display Mode
121.Print Plu List	240.Preddefined label	402.WLAN SSID and Password	520.Idle set
150.Plu Edit	241.Label print Mode	403.WLAN IP Port and Timeout	530.EXT device function
151.Text Edit	242.Label item wrap	404.WLAN Network Data Version	533.COM port set
152.Plu shortcut edit	243.Label item full	405.Large File Segment Size	534.EXT USB Function Set
153.Function shortcut edit	260.Receipt print segment	406.WLAN Network Switch	540.USB Upgrade APP
154.F key function edit	261.Receipt default font	410.Network address	541.USB Export Transaction Record
155.H key function edit	300.Txn. valid Mode	411.IP port and timeout	542.USB Files Backup
156.Label X Coord. edit	301.Operation Mode	440.Network data version	543.USB Files Restore
160.Number Key Page-turning Function	302.Discount rate	441.Large file segment size(byte)	550.User format database
180.Plu edit display control	303.Min. valid wgt(g)	450.System time	551.User format system
190.Automactic Preset Key for PLU	304.Currency carry	451.Label/cash scale switch	552.Upgrade arena format
200.Print param. set	320.BCD scan	500.Authority level lift	553.Upgrade type
201.Print param. read	350.Database flag	501.User password set	590.System version
210.Copy and interval	351.Txn. data auto clear delete	502.User password reset	591.AD version and calibration times
220.Print Font	352.Txn. data manual delete	503.User Login Input Username and Password	592.Print version
221.BCD Usage	353.Database state	510.Digit key set	

## 3.2.1 SYSTEM TIME

## system time Mode+ 450

When the scale is shipped from the factory, the time has been set. If necessary, it can be changed by "Mode" + "4", "5" and "0".

450.System Time; Date YYMMDD  
190715  
7 16E 01 03E 190715

450.System Time; Time hhmmss  
92219  
7 16E 02 7.6 092219

## 3.2.2 THE INTERNET

## 3.2.2.1 Network address setting Mode+ 410

The IP address, subnet mask, and gateway can be modified as needed.

410.Network Address; IP  
192=168=1=252  
IP 011P 68:1:252

410.Network Address; Subnet Mask  
255=255=255=0  
IP 02 255:255:255:0

410.Network Address; Gateway  
255=255=1=1  
IP 03 00 :255:1:1

After long press "Mode" + "4", "1" and "0", if you need to modify, click "C" to clear, Enter the corresponding network IP/subnet mask/gateway, and click the shortcut key "2" three times to get the equal sign.

## 3.2.2.2 IP port number and timeout Mode+ 411

The IP port number defaults to 2000, and the TCP timeout (seconds) is generally 20.

411.IP Port and Timeout; Port  
2000  
Port 01 Prt 2000

411.IP Port and Timeout; TCP Timeout(s)  
20  
Port 02 T0t 20

Press and hold "Mode" + "4", "1" and "1" to view the IP port number and TCP timeout time. Click "C" to clear it as needed, and click "Print" to save.

## 3.2.2.3 Network data version number Mode+ 440

The network data version number defaults to "20140101".

440.Network Data Version  
20140101  
00 4E 20140101

Long press "Mode" + "4" "4" "0" to view the network data version number. Click "C" to clear it as needed, and click "Print" to save.

## 3.2.2.4 LARGE FILE NETWORK SEGMENT LENGTH Mode+ 441

The large file network segment length defaults to 4096 bytes.

```
441.Large File Segment Size(byte)
4096
50 53 4096
```

- Long press "Mode" + "4" "4" "0" to view the length of the large file network segment. Click "C" to clear it as needed, and click "Print" to save.

## 3.2.2.5 SET WLAN IP ADDR. Mode+ 401

The wireless network IP address, subnet mask, and gateway can be modified as needed.

- Long press the "Mode" button and click "4", "0" and "1" at the same time to enter the wireless network settings.

```
401.Set WLAN IP ADDR.; Address
192.168.1.254
IP 01 1P 68 1 1 254
```

Click the clear key ("C") to modify the IP address, and "." needs to double-click the No. 1 key of the shortcut keyboard three times.

- Click "Next Page" to view the subnet mask.

```
401.Set WLAN IP ADDR.; Subnet Mask
255.255.255.0
IP 02 25 455 255 0
```

- Click "Next Page" to set the gateway. If you need to change it yourself, click the print button to save and exit.

```
401.Set WLAN IP ADDR.; Gateway
255.255.1.1
IP 03 00 255 1 1
```

## 3.2.2.6 WLAN SSID AND PASSWORD Mode+ 402

Tap the shortcut keyboard once for capital letters;  
Tap the shortcut keyboard twice for lowercase letters;  
Click the right keyboard for numeric input.

- Long press the "Mode" button and click "4", "0" and "2" at the same time to enter the wireless network connection settings.

```
402.WLAN SSID and Password; WiFi SSID
dbscale
LIMIT 0 1 5 id -----
```

Click the "C" key to clear the existing Wi-Fi name, and use the shortcut keyboard and numeric keyboard to enter the same Wi-Fi name.

- Click "Next Page" to enter the Wi-Fi password, and click the "C" key to clear the existing Wi-Fi password.

```
402.WLAN SSID and Password; WiFi Password
2159757333
LIMIT 02 P 5 d -----
```

Click the print button to save and exit.

## 3.2.2.7 WLAN IP PORT AND TIMEOUT Mode+ 403

The default wireless network port number is 2000.

- Long press the "mode" button and click "4", "0" and "3" to view the network ports.

```
403.WLAN IP Port and Timeout; Port
2000
PORT 01 Port 2000
```

- Click "Next Page" to view the wireless network port and timeout settings.

```
403.WLAN IP Port and Timeout; TCP Timeout
20
PORT 02 70t 20
```

## 3.2.2.8 WLAN NETWORK DATA VERSION Mode+ 404

The default version number of wireless network data is 20200520.

- Long press the "mode" button and click "4", "0" and "4" to view the wireless network data version number. Click the "Print" button to exit.

```
404.WLAN Network Data Version
20200520
NO 4e 20200520
```

## 3.2.2.9 LARGE FILE SEGMENT SIZE Mode+ 405

The default length of the long file network segment is 4096.

- Long press the "mode" button and click "4" "0" "5" to view the network segment length. Click the "Print" button to exit.

```
405.Large File Segment Size
4096
50 53 4096
```

## 3.2.2.10 WLAN NETWORK SWITCH Mode+ 406

The wireless network is turned off by default.

- Long press the "mode" button and click "4", "0" and "6" to turn on the Wi-Fi switch. Click the "Print" button to save and exit.

```
406.WLAN Network Switch
0:Close; 1:Open
FLAG 0
```



## 3.3 PRODUCT SETTINGS

\* Repeated operations for adding and modifying items, this book will show you how to add goods.

## Product settings Mode+ 150

- After long pressing "Mode" + "1", "5" and "0", enter the product number, such as "1";
- If you click on F1 to add an item, click "Print" to go to the next page;
- If you click on F3 to modify the product, click "Print" to go to the next page.
- The item number displays the item number entered on the product editing home page;
- The default input is English. The English input keyboard is clicked once to capitalize the English letters, and the sequential clicks are twice for lowercase English letters, and three consecutive clicks are numbers/symbols; Click "Input" to change the Chinese character area code, and enter the 4 digits into Chinese characters on the numeric keypad. Click "Page down" to go to the next item.
- The store code can be set according to the needs of the store.
- The product type defaults to "0: Weighing". If you need to count the pieces, click the numeric keypad "1"; Click "Page down" to go to the next item.
- The weight unit can be changed as needed. Click the "C" button to clear it and click the corresponding number to change it.
- The unit price is recorded in minutes, so you need to enter two digits after the decimal point.
- The label format number defaults to 0. Click the "C" key as needed to clear and enter the label number. The label defaults to 14 label formats.

150.PlU Edit; Input PlU No.  
F1 Add; F2 Delete; F3 Update  
PLU

150.PlU Edit; Input PlU No.  
F1 Add; F2 Delete; F3 Update  
R PLU

150.PlU Edit; Input PlU No.  
F1 Add; F2 Delete; F3 Update  
U PLU

150.PlU Edit; PlU Number  
PLU E 011d

150.PlU Edit; PlU Name  
PLU E 02 nāō

150.PlU Edit; Item Code  
0  
PLU E 03 1tō

150.PlU Edit; PlU Type  
0:Wgt; 1:Qty  
PLU E 05 FLū

150.PlU Edit; Wgt. Unit  
0:Piece; 1kg; 2lb; 3jin  
PLU E 06 Unt

150.PlU Edit; Price(cent)  
0  
PLU E 07 5LP

150.PlU Edit; Label Format  
2F5C5XS  
PLU E 13 BF

- F1F2 is the first two digits of the label barcode and is set by the customer.
- The barcode format can be entered in 1-14 number, "2F" is F1F2, the first two digits; "5C" is the in-store code, five digits; "5X" is the "total amount"; "S" is the check digit.
- The amount is displayed by default in the barcode X field. The modification is "5X". You can change it to "weight or quantity" by clicking the "C" button.
- The shelf life defaults to 0 and can be modified if required.
- The package date offset is generally 0 by default and can be modified as needed.
- The package time offset is generally 0 by default and can be modified as needed.
- The main group number is generally 0 by default, and can be modified to other numbers to facilitate the export of the main group sales report.
- There are 10 items in the description of the product. Click "Input" to switch the text.
- After the setting is completed, click the "Print" button twice to save.
- If you need to delete the product, enter the corresponding product number on the numeric keypad, click "F2", and click "Print" to delete it.

150.PlU Edit; F1F2  
20  
PLU E 12F 12 20

150.PlU Edit; BCD Format  
2F5C5XS  
PLU E 13 BF

150.PlU Edit; BCD X Flag Type  
0:Wgt/Qty; 1:Amount  
PLU E 14 B

150.PlU Edit; Valid Day  
0  
PLU E 15 43

150.PlU Edit; Pack Date Offset(Day)  
0  
PLU E 15 P3

150.PlU Edit; Pack Time Offset(Min)  
0  
PLU E 19 P7

150.PlU Edit; Group No.  
0  
PLU E 20 GrP

150.PlU Edit; PlU Description, Line 1  
0  
PLU E 23 3 1

150.PlU Edit; Input PlU No.  
F1 Add; F2 Delete; F3 Update  
3 PLU

The general items are as shown above, if you need to check the "check code", "highest retail price", "tare", "prepackage number", "sales package number", "sale date offset", "sale time offset", "origin", "brand", "product description title", "item additional instructions" need to be upgraded.

## 3.4 DOCUMENT EDITING

### Text Editor Mode+ 151

- After long press "Mode" + "1", "5" and "1", enter the product number, such as "1";
- If you add text, click F1, click "Print" to go to the next page;
- If you click F3 to modify the text, click "Print" to go to the next page;
- If you delete the text and click F2, click "Print" to return to the interface.
- The added or modified text content cannot exceed 56 bytes or 28 Chinese characters.

151.Text Edit:Input Text No.  
F1 Add; F2 Delete; F3 Update  
7E-7

151.Text Edit:Input Text No.  
F1 Add; F2 Delete; F3 Update  
R 7E-7

151.Text Edit:Input Text No.  
F1 Add; F2 Delete; F3 Update  
H 7E-7

151.Text Edit:Input Text No.  
F1 Add; F2 Delete; F3 Update  
D 7E-7

151.Text Edit:Content  
D D

## 3.5 PRODUCT EDIT DISPLAY SETTINGS

### Product display settings Mode+ 180

- The product name is displayed by default in the product editing, and there is no special requirement without changing it.
- The in-store code is displayed by default in the product editing, and generally no special requirements are not changed.
- The EAN code is not displayed by default in the product editing. Generally, there is no special requirement and no change is made.
- The status A class is displayed by default in the product editing, and is the "commodity type" switch in the product editing, which is the control of weighing or piece counting.
- The weight unit is displayed by default in the product editing, and generally no special changes are made.

180.Plu Edit Display Control: Plu Name  
0:No; 1:Yes  
EPC 7L 0 1nD6

180.Plu Edit Display Control: Item Code  
0:No; 1:Yes  
EPC 7L 02 1k6

180.Plu Edit Display Control: STD Item C  
0:No; 1:Yes  
EPC 7L 03 BLC

180.Plu Edit Display Control: Status Cla  
0:No; 1:Yes  
EPC 7L 04 SLR

180.Plu Edit Display Control: Wgt. Unit  
0:No; 1:Yes  
EPC 7L 05 UnE

- The unit price is displayed by default in the product editing, and there is no special requirement for no change.
- The highest retail unit price is not displayed by default in the product editing, and generally no special requirements are not changed.
- Tare weight is not displayed by default in product editing, and can be modified if necessary.
- The number of pre-packages is not displayed by default in the product editing, and generally no special requirements are not modified.
- The label format number is displayed by default in the product editing, and generally no special requirements are not modified.
- F1F2 is displayed by default in the product editing, and generally no special requirements are not modified.
- The barcode format is displayed by default in the product editing, and generally no special requirements are not modified.
- The barcode X field type is displayed by default in the product editing, and generally no special requirements are not modified.
- The shelf life is displayed by default in the product editing, and generally no special requirements are not modified.
- The sale date offset is not displayed by default in the product editing, and generally no special requirements are not modified.
- The sales time offset is not displayed by default in the product editing, and generally no special requirements are not modified.
- The package date offset is displayed by default in the product editing, and generally no special requirements are not modified.
- The packaging time offset is displayed by default in the product editing, and generally no special requirements are not modified.
- The main group number is displayed by default in the product editing, and generally no special requirements are not modified.

180.Plu Edit Display Control: Price  
0:No; 1:Yes  
EPC 7L 06 SLR

180.Plu Edit Display Control: Max. Price  
0:No; 1:Yes  
EPC 7L 07 nPr

180.Plu Edit Display Control: Tare  
0:No; 1:Yes  
EPC 7L 08 7dr

180.Plu Edit Display Control: Pre Pack N  
0:No; 1:Yes  
EPC 7L 09 PPA

180.Plu Edit Display Control: Label Form  
0:No; 1:Yes  
EPC 7L 10 LbL

180.Plu Edit Display Control: F1F2  
0:No; 1:Yes  
EPC 7L 11 F12

180.Plu Edit Display Control: BCD Format  
0:No; 1:Yes  
EPC 7L 12 BF

180.Plu Edit Display Control: BCD X Flag  
0:No; 1:Yes  
EPC 7L 13 BC

180.Plu Edit Display Control: Valid Day  
0:No; 1:Yes  
EPC 7L 14 YD

180.Plu Edit Display Control: Sale Date  
0:No; 1:Yes  
EPC 7L 15 SD

180.Plu Edit Display Control: Sale Time  
0:No; 1:Yes  
EPC 7L 16 ST

180.Plu Edit Display Control: Pack Date  
0:No; 1:Yes  
EPC 7L 17 PD

180.Plu Edit Display Control: Pack Time  
0:No; 1:Yes  
EPC 7L 18 PT

180.Plu Edit Display Control: Group No.  
0:No; 1:Yes  
EPC 7L 19 GrP

- The place of origin is not displayed by default in the product editing. Generally, there is no special requirement and no modification is made.
- The brand is not displayed by default in the product editing, and generally no special requirements are not modified.
- The product description is displayed by default in the product editing, and there is no special requirement without modification.
- The title of the product description is not displayed by default in the product editing. Generally, there is no special requirement and no modification is made.
- The product additional description is not displayed by default in the product editing, and generally no special requirements are not modified.
- The status B class is not displayed by default in the product editing, and it controls the switches of "print: shelf life", "print: sale date", "print: sale time", "print: package date", "print: package time".
- The status C class is not displayed by default in the product editing, which controls the switch of "transaction: unit price open", "transaction: allow discount", "transaction: prohibit sales", "transaction: allow limit price".



- Click "Print" to enter the next item. Enter the shortcut key number to be set on the numeric keypad. Double-click "Print" to save the shortcut settings.

### 3.6.2 FUNCTION SHORTCUT EDITING

#### Function shortcut Mode+ 153

- Long press "Mode" + "1", "5" and "3", the shortcut key is similar to the specific operation of modification, this book will not repeat. Set function shortcuts, such as "218" for the second layer of the 18th key.
- Click "Print" to enter the next item. Enter the shortcut key number to be set on the numeric keypad. Double-click "Print" to save the shortcut settings.



### 3.6.1 PRODUCT SHORTCUT EDITING

#### Product shortcut Mode+ 152

- Long press "Mode" + "1", "5" and "2", the shortcut key is similar to the specific operation of modification, this book will not repeat. Set the product shortcuts, such as "118" for the first layer of the 18th key.



### 3.6.3 F KEY FUNCTION SETTING

#### F key function setting Mode+ 154

1	Pending order 1	30	Reprint
2	Pending order 2	31	Return key
3	Pending order 3	50	Daily report printing
4	Pending order 4	70	Product price change
5	Pending order 5	71	No button trading switch
10	Discount, direct price reduction	72	Open the cashier
11	Discount, multiplied by the percentage		

- Long press "Mode" + "1", "5" and "4",  
Set the F key.  
Click the "Page down" button to set the "F2", "F3", "F4" and "F5" shortcut keys in order.  
Click the "Print" button to save.

154.F Key Function Edit; F1  
F = 01 F1 0

### 3.6.4 H KEY FUNCTION SETTING

#### Text Editor Mode+ 155

- After long pressing "Mode" + "1", "5" and "5", input the function code, such as "1";
- Click "Page down" to view the four shortcut keys for replacement.  
After modifying, click "Print" to save.

155.H Key Function Edit; H1  
Hangl  
H = 01 H1 1

### 3.6.5 NUMBER KEY PAGE-TURNING FUNCTION

#### Keyboard page flip Mode+ 160

- Long press "mode" + "1" "6" "0", the default is 0, turn it on and click the "C" key to clear and enter "1", and click the "total print" key to save and exit.

160.Number Key Page-turning Function  
0:Close; 1:Open  
FLAG 0

## 3.7.1 LABEL SETTING

### 3.7.1.1 Label X coordinate editing Mode+ 156

The label X coordinate is used to modify the preset label X position.

- Check the label format when printing. If necessary, long press "Mode" + "1", "5" and "6", input the corresponding label format, and click "Print" to enter the next item.
- Label "1", product number X axis position is 3.  
Click "Page down" to view the next item.
- The product name has an X-axis position of 76.  
Click "Page down" to view the next item.
- The sales amount X-axis position is 278.  
Click "Page down" to view the next item.
- The unit price X-axis position is 69.  
Click "Page down" to view the next item.
- The weight X-axis position is 69, which is repeated with the unit price position. Click "Page down" to view the next item.
- The X-axis position of the package date is 118. Click "Page down" to view the next item.
- The location of the packaging time is 323. Click on the "Page down" to view the next item.
- The sales date is 196. Click on the "Page down" to view the next item.
- The sales time is 323. Click "Page down" to view the next item.
- The warranty date X-axis position is 117, click "Page down" to view the next item.
- The barcode X-axis position is 242. Click "Page down" to view the next item.
- The tare position is 290. Click "Page down" to view the next item.

156.Label X Coord. Edit; Input Label No.  
F3 Update  
U P F 7 1

156.Label X Coord. Edit; (Label) Plu No.  
3  
P F 7 = 1000 1 3

156.Label X Coord. Edit; (Label) Plu Name  
76  
P F 7 = 10002 76

156.Label X Coord. Edit; (Label) Sale Amo  
278  
P F 7 = 10003 278

156.Label X Coord. Edit; (Label) Price  
69  
P F 7 = 10005 69

156.Label X Coord. Edit; (Label) Weight  
69  
P F 7 = 10007 69

156.Label X Coord. Edit; (Label) Pack Dat  
118  
P F 7 = 10009 118

156.Label X Coord. Edit; (Label) Pack Tim  
323  
P F 7 = 10010 323

156.Label X Coord. Edit; (Label) Sale Dat  
196  
P F 7 = 10011 196

156.Label X Coord. Edit; (Label) Sale Tim  
323  
P F 7 = 10012 323

156.Label X Coord. Edit; (Label) Valid Da  
117  
P F 7 = 10013 117

156.Label X Coord. Edit; (Label) BCD  
242  
P F 7 = 10015 242

156.Label X Coord. Edit; (Label) Tare  
290  
P F 7 = 10018 290

■ The Plu position is 0. Click “Page down” to view the next item.



■ The Plu position is 0. Click “Page down” to view the next item.



■ The product position is 0. Click “Page down” to view the next item.



■ The brand position is 0. Click “Page down” to view the next item.



■ There are 12 text options in total. Click "print" to save after modification.



■ The label weight cannot be changed by default. Click “Page down” to enter the next item.



■ The number of labels cannot be changed by default. Click “Page down” to enter the next item.



■ The label date and time cannot be changed by default. Click “Print” to save.



3.7.1.2 Predefined label settings Mode+ 240

The default label setting defaults to 2, which means that the format in the item takes precedence.

■ Pre-defined tags generally default to 2, if you use custom tags after modifying tags, you need to change the settings.



■ The default label used is 11, which can be modified as needed.



3.7.1.3 Label printing Mode setting Mode+ 241

The default position for label printing is the top, which can be modified as needed.

■ The location where the label is printed can be modified as needed.



3.7.1.4 Label element wrap settings Mode+ 242

Label elements can be wrapped by default, and can be modified as needed.

■ The label text can be wrapped by default. Click “Page down” to enter the next item.



■ The label value cannot be wrapped by default. Click “Page down” to enter the next item.



■ The label currency cannot be wrapped by default. Click “Page down” to enter the next item.



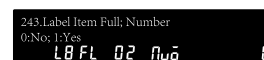
3.7.1.5 Label element complete setting Mode+ 243

Label elements can be retained as needed.

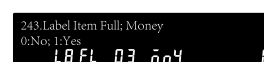
■ The label text is not retained by default. Click “Page down” to go to the next item.



■ The label value is not retained by default. Click “Page down” to enter the next item.



■ The label currency is not retained by default. Click “Page down” to go to the next item.



■ The label weight is not retained by default. Click “Page down” to enter the next item.



■ The number of labels is not retained by default. Click “Page down” to go to the next item.



■ The label date and time is not retained by default. Click “Page down” to enter the next item.



## 3.7.2 RECEIPT SETTING

### 3.7.2.1 Receipt print segment settings Mode+ 260

Print segments up to 12 small items. 0 is the termination. -1 to -6 are predefined segments. 1-127 is the label format number of the download, which is used to always define the receipt print format. Do not change it easily.

- There are 10 items in the receipt print segment. The first 6 items are predefined segments, and the last 6 items can be changed as needed.

260.Receipt Print Segment; Segment 1  
-1 00 Fñ 01 Fñt -1

### 3.7.2.2 Receipt default text font settings Mode+ 261

The receipt text size is 16 items, the default font size is 3, you can set the font size 2-10.

- The receipt text font has no special requirements to use the default.

261.Receipt Default Font(mm); Text 1  
3 7 F7 01 701 3

### 3.7.2.3 Set receipt No. Mode+ 356

- You can change the receipt number as needed.

356.Set receipt No.  
0 7 10 01 52t 0

## 3.7.3 BARCODE SETTING

### 3.7.3.1 Barcode usage settings Mode+ 221

- Barcodes use EAN13 by default and can be changed to CODE128 as needed.
- EAN13 barcodes use non-standard images by default and can be modified as needed.
- The bar code defaults to the standard GTIN check digit algorithm.
- Barcodes using Code128 will use standard barcode images.

221.BCD Usage; Whether use EAN13  
0:Not Use (CODE128); 1:Use  
000 F 01 U5t 1

221.BCD Usage; EAN13 Image  
0:Standard; 1:Not  
000 F 02 5td 1

221.BCD Usage; GTIN Checksum  
0:Standard; 1:Not  
000 F 03 Ch+ 0

221.BCD Usage; Code128 Image  
0:Standard; 1:Not  
000 F 04 5td 0

### 3.7.3.2 Barcode font settings Mode+ 222

- The bar code font size is 2mm by default and can be modified as needed.

222.BCD Font  
0:2mm; 1:3mm; >1:ratio(bar/font)  
000 CH 0

### 3.7.3.3 Predefined barcode settings Mode+ 224

- The system does not use predefined barcodes by default, and can modify them as needed.
- Select the barcode number to use.

224.Predefined Barcode; Mode  
0:Not Use; 1:Use; 2:Plu Format First  
000 F 01 U5t 0

224.Predefined Barcode; Barcode Number  
0  
000 F 02 1d 0

### 3.7.3.4 Bar code shift setting Mode+ 225

- The bar code is not shifted by default, and it needs to be modified if necessary.
- The currency unit of the barcode defaults to points and can be modified if necessary.
- The currency multiplier of the barcode is 1x by default and can be modified if necessary.
- The currency carry of the barcode is not allowed to change by default, and can be modified if necessary.
- The weight unit of the barcode is gram by default and can be modified if necessary.
- The bar code's weight ratio defaults to 1x and can be modified if necessary.
- Bar weight carry-in is not allowed to change by default, and can be modified if necessary.
- The number of barcodes is 1 by default and can be modified if necessary.
- The number of barcodes has a default rate of 1x, which can be modified if necessary.
- The number of barcodes carried is not allowed to change by default, and can be modified if necessary.

225.Barcode Shift; Mode  
0:Not; 1:Fixed; 2:UDF; 3:All  
000 SF 01 Ad 0

225.Barcode Shift; Money Unit  
1:Cent; 2:Dime; 3:Dollar  
000 SF 02 AUt 1

225.Barcode Shift; Money Unit  
1:Cent; 2:Dime; 3:Dollar  
000 SF 02 AUt 1

225.Barcode Shift; Money Carry  
0:No; 1:Trunc; 2:Round; 3:Ceil  
000 SF 04 ACY 0

225.Barcode Shift; Wgt. Unit  
1g; 2kg  
000 SF 05 YUt 1

225.Barcode Shift; Wgt. Shift  
1  
000 SF 06 Y5F 1

225.Barcode Shift; Wgt. Carry  
0:No; 1:Trunc; 2:Round; 3:Ceil  
000 SF 07 YCY 0

225.Barcode Shift; Qty. Unit  
1:piece  
000 SF 08 YUt 1

225.Barcode Shift; Qty. Shift  
1  
000 SF 09 Y5F 1

225.Barcode Shift; Qty. Carry  
0:No; 1:Trunc; 2:Round; 3:Ceil  
000 SF 10 YCY 0

## 3.7.4. PRINTER SETTINGS

### 3.7.4.1 Printer parameter settings Mode+ 200

- Printer default label paper, if you need to check the cash, please switch to receipt paper.
- The print mode does not peel detection by default. You need to take the previous paper out of the exit when printing, and change it if necessary.
- The printer default print density is 5, modify the print text color shade by changing the print density, if necessary, change it yourself.
- The default starting point for the printer parameters is 64. Modify the text and paper margins by changing the starting position and change it if necessary.

200.Print Param. Set: Paper Type  
Paper: 0:Receipt; 1:Label  
PP SP 10 PPr 1

200.Print Param. Set: Print Mode  
Peel Check: 0:No; 1:Yes  
PP SP 02 nAd 0

200.Print Param. Set: Print Density  
0(light)-9(dark)  
PP SP 03 JEn 5

200.Print Param. Set: Initial Print Posi  
64  
PP SP 04 SrE 64

### 3.7.4.2 Printer parameter query Mode+ 201

The contents of the printer parameter query are the same as the settings. This book will not be repeated.

### 3.7.4.3 Print copies and interval settings Mode+ 210

- The number of copies is 1 by default. If you need to print multiple copies at the same time, you can modify it as needed.
- The print interval defaults to 0, which means continuous printing, and you can modify it if necessary.

210.Copy and Interval; Default Print Cop  
1  
CP 14 01 eP4 1

210.Copy and Interval; Print Time Interv  
0  
CP 14 02 in1 0

## 3.7.5 TRANSACTION SETTINGS

### 3.7.5.1 Set transaction record auto clear threshold Mode+ 351

- The transaction record has a maximum of 4096 records by default. Do not change it without special requirements.
- Transaction record The first 16 free blocks will be cleaned up after the maximum number of records has been reached.

351.Txn. Data Auto Delete; Max Txn. Numb  
4096  
JB 7E 01 7-n 4096

351.Txn. Data Auto Delete; Min Empty Blo  
16  
JB 7E 02 B-L 16

### 3.7.5.2 Manually clear transaction records Mode+ 352

- The transaction record can set the number of purges by itself.

352.Txn. Data Manual Delete; Delete Txn.  
0  
JB JL 0

### 3.7.5.3 Database status query Mode+ 353

- You can choose whether to clear the transaction record by querying the number of transaction records.
- You can choose whether to free up the number of free blocks by querying the number of free blocks.

353.Database State; Txn. Number  
0  
JB 7E 01 7-n 0

353.Database State; Empty Block  
193  
JB 7E 02 B-L 193

### 3.7.5.4 Current transaction record number adjustment Mode+ 354

- The transaction record number can be adjusted as needed.

354.Current Txn. No.  
0  
7-13 0

## 3.7.6 PRODUCT LABEL STYLE

### Label style sheet Mode+ 120

- Product label styles can be defined by themselves, with a minimum number of 10 and a maximum of 9999999.

120.Plu Label Sample; Begin Plu No.  
10  
PLU L 01 86A 10

120.Plu Label Sample; End Plu No.  
9999999  
PLU L 02 E03 9999999

## 3.7.7 PRINT PLU LIST

## Print Plu List Mode+ 121

- The list of printed products can be defined by yourself. The minimum number is 1 and the maximum is 9999999.

```
121.Print Plu List; Begin Plu No.
1
PLU L 01 80A 1
```

```
121.Print Plu List; End Plu No.
9999999
PLU L 02 E0J9999999
```

## 3.7.8 BARCODE F1F2 SETTING

## Barcode F1F2 Mode+ 223

- The barcode F1 system defaults to 2 and can be modified if necessary.
- The barcode F2 system defaults to 4 and can be modified if necessary.
- The barcode source defaults to the item and can be modified if necessary.
- The fixed F-bit of the bar code defaults to F2, and you can modify it if necessary.
- The single F bit of the item defaults to F2 and can be modified if necessary.

```
223.BCD F1F2; Default F1
2
LB FF 01 F1 2
```

```
223.BCD F1F2; Default F2
4
LB FF 02 F2 4
```

```
223.BCD F1F2; Source
0:Plu; 1:Default
LB FF 03 Src 0
```

```
223.BCD F1F2; Single F of Predefined BCD
0:F1; 1:F2
LB FF 04 BF 1
```

```
223.BCD F1F2; Single F of Plu
0:F1; 1:F2
LB FF 05 PF 1
```

## 3.7.9 TRANSACTION CONTENT SETTINGS

## Transaction content settings Mode+ 300

- By default, transaction content does not allow for non-commodity transactions, and you can modify it if necessary.
- The transaction content is not allowed to open the unit price by default. It cannot be modified before the permission is opened. If you need to press “Mode” + “5” “0” “0” to enter the password, you can modify it yourself.
- When the unit price is open, the product is open.
- By default, the item price is not allowed to be 0 when the item is traded.

```
300.Txn. Valid Mode; No Plu Txn
0:No; 1:Yes
7- FG 01 P2 0
```

```
300.Txn. Valid Mode; Price Change On
0:No; 1:Yes
7- FG 02 PrC 0
```

```
300.Txn. Valid Mode; Price Change Mode
0:Plu; 1:Always
7- FG 03 CRb 0
```

```
300.Txn. Valid Mode; Price Can be 0
0:No; 1:Yes
7- FG 04 P3r 0
```

## 3.7.10 TRANSACTION OPERATION SETTINGS

## Transaction operation settings Mode+ 301

- The last item of the transaction operation is retained by default after printing.
- Trading operations allow manual input of tare weight by default.
- Trading operations cannot be printed by product shortcuts by default.
- By default, the transaction cannot be automatically printed.
- Weighing and piece counting cannot be switched by default during trading operations.
- The cashier is opened by default during trading operations.

```
301.Txn. Operation Mode; Plu Retain
0:Not Keep; 1:Keep
7- FG 01 PTr 0
```

```
301.Txn. Operation Mode; Manual Tare Inp
0:No; 1:Yes
7- FG 02 Tr 1
```

```
301.Txn. Operation Mode; Plu Shortcut Ke
0:No Print; 1:Print
7- FG 03 LTr 0
```

```
301.Txn. Operation Mode; Txn. Auto Print
0:No; 1:Yes
7- FG 04 NTr 0
```

```
301.Txn. Operation Mode; Wgr/Qty Auto Sw
0:No; 1:Yes
7- FG 05 Ar? 0
```

```
301.Txn. Operation Mode; Cashbox Open
0:No; 1:Yes
7- FG 06 Bo= 1
```



### 3.7.11 MINIMUM EFFECTIVE WEIGHING

Minimum effective weighing Mode+ 303

- The default minimum effective weighing weight for trading operations is 40g.

303.Min. Valid Wgt(g)  
40 40 47 40

### 3.7.12 CURRENCY CARRY

Currency carry Mode+ 304

- The currency carry default is accurate to the minute and can be modified by itself.
- The unit price is rounded by default and can be modified by itself.
- The weighing subtotal is accurate to the default and can be modified by itself.
- Weighing subtotal bits are rounded off by default and can be modified by ourselves.
- The piece count sub-digits are accurate to the default and can be modified by themselves.
- Piece counting subtotals are rounded off by default and can be modified if necessary.
- The total price is accurate by default and can be modified if necessary.
- The total price is rounded off by default and can be modified if necessary.

304.Currency Carry: Price Unit  
1:Cent; 2:Dime; 3:Dollar  
00000 01 PB 1

304.Currency Carry: Price Carry  
1:Trunc; 2:Round; 3:Ceil  
00000 02 PC 2

304.Currency Carry: Wgt. Item Amount Uni  
1:Cent; 2:Dime; 3:Dollar  
00000 03 180 1

304.Currency Carry: Wgt. Item Amount Car  
1:Trunc; 2:Round; 3:Ceil  
00000 04 100 2

304.Currency Carry: Qty. Item Amount Uni  
1:Cent; 2:Dime; 3:Dollar  
00000 05 189 1

304.Currency Carry: Qty. Item Amount Car  
1:Trunc; 2:Round; 3:Ceil  
00000 06 109 2

304.Currency Carry: Total Amount Unit  
1:Cent; 2:Dime; 3:Dollar  
00000 07 78 1

304.Currency Carry: Total Amount Carry  
1:Trunc; 2:Round; 3:Ceil  
00000 08 70 2

### 3.7.13 SCAN SETTINGS

Sales Report Mode+ 320

- The default position for barcode scanning is number 1.

320.BCD Scan: Position No.  
1 SCAN 01 5Lt 1

### 3.7.14 AUTOMATIC PRESET KEY FOR PLU

Automatic preset key Mode+ 190

- The preset key assignment needs to be entered in advance, and the default starting key is the shortcut keyboard serial number 1.

190.Automatic Preset Key for PLU  
APPLU

### 3.7.15 SCALE NUMBER

Scale number setting Mode+ 400

- The scale number setting defaults to 0, and other numbers can be set if needed.

400.Scale No.  
0 10 0

## 4.1 SALES REPORT

### Sales Report Mode+ 100

■ Sales report export default start date is the same day, please reset.

100.Sale Report; Begin Date YYMMDD  
190731  
EP 5 01 5-0 190731

■ Sales report export default start date is 00:00:00, please reset.

100.Sale Report; Begin Time hhmmss  
000000  
EP 5 02 5-7 000000

■ The sales report export default end date is the same day, please reset it.

100.Sale Report; End Date YYMMDD  
190731  
EP 5 03 E-0 190731

■ The sales report export default end time is the current time, please reset it.

100.Sale Report; End Time hhmmss  
123536  
EP 5 04 E-7 123536

## 4.2 MAIN GROUP SALES REPORT

### Main group sales report Mode+ 101

■ The main group sales report export default start date is the same day, please reset.

101.Group Sale Report; Begin Date YYMMDD  
190731  
EP 05 01 5-0 190731

■ The default start time of the main group sales report export is 00:00:00, please reset it.

101.Group Sale Report; Begin Time hhmmss  
000000  
EP 05 02 5-7 000000

■ The main group sales report export default end date is the same day, please reset.

101.Group Sale Report; End Date YYMMDD  
190731  
EP 05 03 E-0 190731

■ The default end time of the main group sales report export is the current time, please reset it.

101.Group Sale Report; End Time hhmmss  
131344  
EP 05 04 E-7 131344

## 4.3 MERCHANDISE SALES REPORT

### Merchandise sales report Mode+ 102

■ The product sales report export default start date is the same day, please reset it.

102.Plu Sale Report; Begin Date YYMMDD  
190731  
EP P5 01 5-0 190731

■ The default start time of the product sales report export is 00:00:00, please reset it.

102.Plu Sale Report; Begin Time hhmmss  
000000  
EP P5 02 5-7 000000

■ The product sales report export default end date is the same day, please reset.

102.Plu Sale Report; End Date YYMMDD  
190731  
EP P5 03 E-0 190731

■ The default end time of the product sales report export is the current time, please reset it.

102.Plu Sale Report; End Time hhmmss  
132411  
EP P5 04 E-7 132411

## 5.1 PRESET CODE COMPARISON TABLE

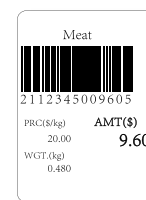
### Code comparison table

500	Authority Level Lift	520	Idle Set	551	User Format System
501	User Password Set	530	Ext device Function	552	Upgrade Arena format
502	User password Reset	533	COM Port Set	553	Upgrade Type
503	User Login Input Username and Password	534	E X T U S B Function Set	590	System Version
510	Digit Key Set	540	USB Upgrade APP	591	AD Version and Calibration Times
511	Shortcut Key Set	541	USB Export Transaction Record	592	Print Version
512	Battery Warning Set	542	U S B F i l e s Backup		
513	LCD brightness Set	543	U S B F i l e s Restore		
514	Transaction Dot Matrix Display Mode	550	User format Database		

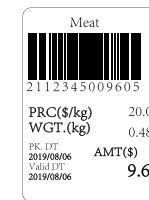
## 5.2 BUILT-IN LABEL TEMPLATE

### Built-in label template

1 (30 x 42)



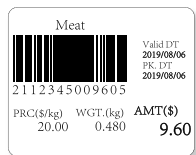
2 (30 x 42)



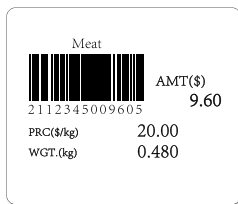
3 (40 x 32)



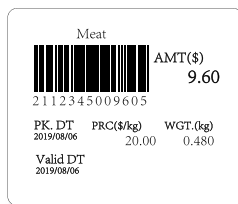
4 (40 x 32)



5 (50 x 42)



6 (50 x 42)



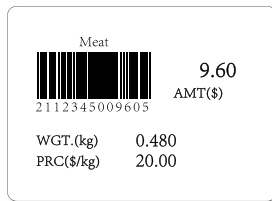
7 (50 x 42)



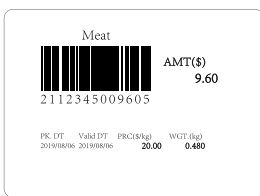
8 (50 x 52)



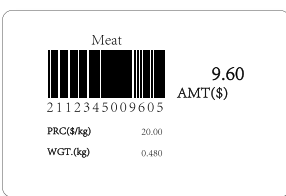
9 (58 x 42)



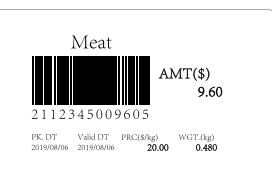
10 (58 x 42)



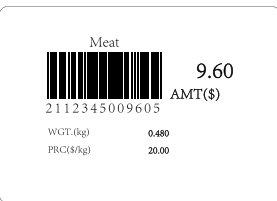
11 (60 x 39)



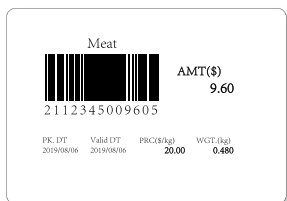
12 (60 x 39)



13 (60 x 42)



14 (60 x 42)



### 5.3 SYSTEM ERROR

#### Error code

Error number	Description	Approach
100	Boot Error	The system decides according to the situation
101	Boot Data Error	The system automatically formats the database and restarts
102	Boot A/D Set Zero Error	The weighing platform removes the item and the system restarts
110	System Error	The system decides according to the situation
111	Memory Error	System restart
112	Timeout	Not processed
120	Print Error	The system decides according to the situation
121	Print Head Heat	Turn off the power, report repair
122	Print Head Open	Please turn off the print head
123	Print Sensor Error	Turn off the power, report repair
124	Print Power Error	Turn off the power, report repair
125	Print Other Error	Turn off the power, report repair
130	A/D Error	Turn off the power, report repair
140	Database Error	The system decides according to the situation
141	Database Cannot Open	The system automatically formats the database and restarts
142	Database Cannot Append	
221	No Paper	Please reinstall the paper
222	Not Peel	Please peel off the label
223	Motor Running	
241	Record Exists	
242	Record Not Exists	
260	Network Error	Not processed
261	Upgrade Overflow	Not processed
291	Input Data Wrong	
292	Input Overflow	
293	Input Operation Wrong	
401	PLU Invalid	
402	PLU Not Exists	
403	PLU Required	

5.2 Built-in label template

5.3 System error

Error number	Description	Approach
404	PLU Price Overflow	
411	Transaction Amount Overflow	
414	Hanging Transaction Empty	
415	Old Transaction not Exists	
421	Transaction Detail Too Many	
422	Transaction no Detail	
423	Transaction Detail Delete Fail	
431	Pay Illegal	
432	Pay Detail Too Many	
441	Price Illegal	
442	Price Change Not Allowed	
445	BCD Format Not Exists	
446	BCD Data Wrong	
451	Weight not Stable	
452	Weight Over/Underflow	
454	Tare Too Large	
455	Tare Too Small	
457	Weight Too Small	
461	PLU Preset Key Wrong	
462	Function Preset Key Wrong	
463	Input Wrong	
464	Input Overflow	
471	Print Testing	
472	Weight/Quantity State Uncertainty	
473	Not Sale Mode	
481	Promotion Value/Rate Invalid	
482	No Label Format	
491	Barcode Format Not Exists	
492	Barcode Format Wrong	
493	Barcode Data Wrong	

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