02/2022



# **SOFTWARE MANUAL**



# Digital WiFi Price Computing Scales with Thermal Label Printer

334PCSP30 **30 lb.**  334PCSP30T **30 lb. w/ Tower**  334PCSP60 **60 lb.** 

334PCSP60T 60 lb. w/ Tower



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# INTRODUCTION

# **ABOUT THIS MANUAL**

This manual is mainly aimed to provide a comprehensive introduction of the installation method, major functions, and operation methods of this system so that you can further understand and flexibly use the system.

This manual mainly includes the following contents:

- (1) How to install the system
- (2) Introduction of the functions of the system

It must be noted that the pictures in this manual are just used as examples, which may be slightly different from what you see in actual operation. We believe that you can flexibly use the system to solve practical problems.

This software is applicable to various AvaWeigh label scale series, 334PCSP30 / 334PCSP30T / 334PCSP60 / 334PCSP60T.

# DEFINITIONS

The specific terms used in the document are defined as follows:

SN	TERM	DEFINITION
1	Firmware	Slave computer program for label scale
2	C/S	C/S structure, generally known as the structure of client and server
3	Scale	Avaweigh's label scale

# MANUAL WRITING CONVENTIONS

In order to make the manual more concise and clear, we use the following simple symbols or words to replace some text descriptions

SYMBOL	DESCRIPTION	EXAMPLE
[]	Button	"OK Button" = [OK]
{}	Menu Item	"Click File Menu" = Click {File}
Click	Press left mouse button	"Click OK Button" = Click [OK]
<b>Right Click</b>	Select an object and press right mouse button	"Select My Documents folder and press right- button of mouse" = Right Click "My Documents"
Double Click	Press left mouse button twice	"Double click left-button of mouse to open "picture" file" = Double Click "Picture"
>>	Continuously select menus and their submenus	"Select {File}, then select {New} = Select {File} >> {New}
	File, Form, or Tab	"set function" page
L)	Item in form	(PortJ
Retained	Feature is temporarily not to be used	(retained)



# SYSTEM OVERVIEW

# SYSTEM FUNCTIONS

The software is mainly used for the management of AvaWeigh label scales, downloading the information required by the scales (such as item, label, font, in order to weigh a specific item), calculating the corresponding price, and printing labels to complete the sales process of the item.

#### **MODULE FEATURES:**

#### Module 334PCSP30T:

Perform connection management for label scale, download and update PLU information (hotkey, item-related information), download label template and font, update firmware program, update/upload firmware-related parameters, upload transaction details, and view transaction-detail report.

#### Module PLU Manager:

Edit PLU information, import / export PLU information, and edit hotkey information.

#### Module Label Editor:

Edit the label print template used for printing relevant weighing information of PLU.

## **OPERATING ENVIRONMENT**

### NETWORK ENVIRONMENT

C/S architecture is adopted.





# SYSTEM INSTALLATION

# SOFTWARE INSTALLATION

- 1. Run the installation package as the administrator and wait for the image to appear.
- 2. Select the language to use during the installation, click "OK".



4. Click "Next".



6. Click "Install" to continue to the next step, then "Start" to install.



3. Click "Next" to select a default installation path for the programs, such as moving files to C drive, or select "Browse" to choose another installation path, such as installing files to G drive.



5. Click "Next".



- 7. Click "Finish" to conclude installation.
- 8. After installing, you can operate your scale.

Completing the RLS1000 Setup Wizard Setup has finished installing RLS1000 on your computer. The application may be launched by selecting the installed icons. Click Finish to exit Setup. I Launch RLS1000
Einish



# DESCRIPTION OF FUNCTION MODULES & INTERFACE DISPLAY

# MODULE 334PCSP30T

This module is mainly used for performing connection management for the scale, downloading and updating PLU information (hotkey, item-related information), downloading label template, downloading font, updating firmware program, updating/uploading firmware-related parameters, uploading transaction details, and viewing transaction-detail report.

### DESCRIPTION OF MODULE: {File}

Fil	e Communication	Download upde	{New}	New Connection List
-	New	Ctrl+N	{Open}	Open Existing Connection
H	Open Save	Ctrl+S	{Save}	Save Current Change
	Save As		{Save As}	Build New File to Save
080	preferences		{Preferences}	Set Relevant Parameters of the Software
٠	Scale set functio	n	{Scale Set Function}	Set Firmware Parameters
	Font		{Font}	Set the Font Displayed by the Software
	Exit		{Exit}	Exit the Software

### {New}

Open {File} >> {New}, or click the "Folder with a +" icon on the toolbar. You will see this image:

File Communicat	ion Download upda	te Report Program	n Help							
Selected	Same of Department test	Tame of scale temark test B	33 ale No. /Scale 192. 168. 1. 87	Label (DO) rtlabel_en… D	Label (D1)	PLU file rtPLU_EN F	FLW update file	Hotkey file	E	<ul> <li>30_40.scr</li> <li>40x30.scr</li> <li>40x30.scr</li> <li>40x30.scr</li> <li>40x30.scr</li> <li>40x30.scr</li> <li>A1.scr</li> <li>B0.scr</li> <li>CN1_40_0UT.scr</li> <li>EN1_logo_0UT.scr</li> </ul>

- A. Input the name of the label scale department.
- B. Input the name of the label scale.
- C. Input the IP add. of the label scale.
- D. Click D0 Label column, double click to select label in I area.
- E. Click D1 Label column, double click to select label in I area.
- F. (\*.TXP) Click PLU column, double click to select PLU in I area.
- G. (\*.TXP) Click PLU updated column, double click to select PLU in I area.
- H. (\*.KEY) Click Hotkey column, double click to select hotkey in I area.

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### {Preferences}

Vpdate plu

Update Price

Upload sales records

Open {File} >> {Preferences}, or click the "Equalizer" icon on the toolbar. You will see these images:

	1 0
Peterences	FUNCTIONS:Work Directory:Connection management, PLU, save directory of label filesPLU decimal digits:The number of decimal digits for PLU display of unit price, ranging from 0 to 3
Peterness      P	<b>FUNCTION:</b> Display the name of PLU unit on the scale.
Preferences     Preferenc	<ul> <li>FUNCTION:</li> <li>Set the font displayed on the scale screen and the font of label to be printed.</li> <li>Single-byte Font: For single-byte fonts, fonts other than Chinese characters, such as English.</li> <li>Double-byte Font: For double-byte fonts such as Chinese characters.</li> </ul>
Porferences         Constructions         Field text asso: set 13kd seeks fast: feet spinst globaland time           Typics TDF         Other faces         Stars faces           Other face         Other faces         Stars faces           Other faces         Other faces         Other faces	<b>FUNCTION:</b> Set the time to automatically download PLU information and upload transaction details. To automatically download PLU, "PLU update file" must be set first by clicking the location of the "PLU update file", then double clicking the file in the list on the right, as shown below:
	Its       Construction       Party of the law of the party of the law of
Download update Report Progra Download data Download plu Download hotkey	{Download PLU}     Download all PLU       {Update PLU}     Only updated PLU information will download



Only the price will be updated

The sales record of the scale will upload

{Update Price}

{Update sales records}

#### {Scale Set Function}

Open {File} >> {Scale Set Function}. You will see this image:

	Paper type	Label paper 👻	Default Label	D0	•
Basic setting1	Barcode type	0	Package torlance	5	* .*
	Date format	MMDDYY -	Year format	YY	•
Basic setting2	Decimal Digits	0.00 -	Total price precision	N.NN	•
	Rounding	5	Barcode print method	Width int 2/5	•
Advanced function	Message 1	0	Message 2	0	* *
Weight unit	Hardware option	Long screen, new keyboard, exit	and print		
	Backlight brightness level	0	Allow print zero weight	No print	•
Custom barcode	Sleep time(Minute)	0	Copies	0	
Security					
,	Enable by-weig	nt & by-piece label type	Enable by-weight &	oy-piece barcode ty	pe
	All by-weight label type	<b></b>	All weighing barcode type	0	* *
	All by piece label type		All by-piece barcode type	0	* *

#### {Basic Setting1}

- Paper type: Set the paper type: label paper, receipt paper, highly adhesive label paper
- Barcode type: Set the barcode type 0-110
- Date format: Set the date to format the scale
   0: DDMMYY; 1: MMDDYY; 2: YYMMDD (D: Date; M: Month; Y: Year)
- Decimal digits: Set the price using decimals (0:0; 1:0.0; 2:0.00; 3:0.000)
- Rounding: Setting the rounding off points

1: 2.445->2.5 & 2.444->2.4 2-4: Reserved 5: 2.45->2.5 & 2.44->2.4 (default) Round and keep one decimal places 6: 2.46->2.5 & 2.45->2.4 7: 2.47->2.5 & 2.46->2.4 8: 2.48->2.5 & 2.47->2.4 9: 2.49->2.5 & 2.48->2.4 10: All round off 11: 1.00-1.24->1.00 & 1.25-1.74->1.50 & 1.75-2.0->2.00 12-19: 2.4X->2.5 , X=(12-19)-10 20: 2.41->2.5

- Message 1: Set Message 1 (0-10000)
- Message 2: Set Message 2 (0-197)
   NOTE: If you set Message 1 & Message in the {PLU Manager} >0, it will follow the PLU manager, otherwise it will follow the setting.

	. TPA POLO	100 261	ercross Turo	Communication	nevp								
	-	1 💾		🛛 ± :	٠	🌜 No they	•	•					
	Unit Pri	ce Weight	Quantity type	Department	Tare	Shelf time	Package type	Package Veight	Tolerance (%)	Message 1	Message 2	Label	Disc *
1	0.90	leg	0	21	0.000	15	Normal	0.000	0	0	0	0	0
2	1.40	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	0
3	4.00	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	0
4	2.40	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	0
5	0.50	Ing	0	21	0.000	15	Normal	0.000	0	•	0	0	0
	2.40		0	01	0.000		Rougel	0.000	0	0		0	0



- Hardware Option: Set the scale type (keyboard)
  - 0: Long screen, old keyboard, exit and print
  - 1: Long screen, old keyboard, do not exit
  - 2: Long screen, new keyboard, exit and print (default)
  - 3: Long screen, new keyboard, do not exit
  - 4: Square Screen, old keyboard, exit and print
  - 5: Square screen, old keyboard, do not exit
  - 6: Square screen, new keyboard, exit and print
  - 7: Square screen, new keyboard, do not exit
- Backlight brightness level: Adjust the scale screen's brightness (0-4, 0: Full bright, 4: Darkest)
- Copies: How many copies will print
- Default label: 0: A0 1: A1 2: B0 3: B1 4: C0 5: C1 6: D0 7: D1 8: E0 9: E1.

If you did not set this in the PLU manager, the label type will be the same as the Default label.

🔏 R	TPLU ./rtPLU	_EN.txp										-	×
File	PLV Edit	PLV Sel	ection Info	Communication	Help								
	- 4	1		🖪 🛓 🛓	Ł 🟦	🕑 HotKey	•	•				10.0	
	Unit Pric	( Weight	Quantity type	Department	Tare	Shelf time	Package type	Package Weight	Tolerance (%)	Message 1	Message 2	Label	Disc 🔺
1	0.90	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	
2	1.40	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	
3	4.00	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	
4	2.40	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	
5	0.50	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	
B	3.60	ka	0	21	0.000	15	Normal	0.000	0	0	0	-	_

• **Package tolerance:** This is the package tolerance for the fixed weight function, (0-20%). If you did not set in PLU manager, the package tolerance will be the same as the Default setting.

<b>8</b> 8 F	TPLU ./rtPl	.U_EN.txp										×
Fil	e PLV Edi	t PLV Selection	Info Com	municati	on Help							
	-	1	8 🖺 🛛	₫ ↓	👱 🟦 🛞	HotKey 🔻			·			
	Code	Barcode type	Unit Pric	Weight	Quantity type	Department	Tare	Shelf time	Package type	Package Weight	Tolerance (%)	Message 1
1	1	2	0.90	kg	0	21	0.000	15	Normal	0.000	0	0
2	2	2	1.40	kg	0	21	0.000	15	Normal	0.000	0	0
3	3	2	4.00	kg	0	21	0.000	15	Normal	0.000	0	0
4	4	2	2.40	kg	0	21	0.000	15	Normal	0.000	0	0
5	5	2	0.50	kg	0	21	0.000	15	Normal	0.000	0	0
6	6	2	3 60	bo.	n	21	0 000	15	Normal	0.000	0	<b>_</b>

• **Total price precision:** Total price precision (1: N. N0, 2: N. NN, 3: N.N, 4: N.O, 5: N.NNO) For example: The total price is 1.456. If you choose 1, the price will be 1.50. If you choose 2, it will be 1.46. If you choose 3, it will be 1.5.

#### • Barcode print method:

0: Wide int 2/5	1: Narrow int 2/5	2: Ean128	3: Narrow Ean128
4: GS128	5: Code 39	6: UPC-A	7: UPC-E

- Printing with zero weight: When the weight is zero, 0: Manual print (press "enter" to print).
   1: No print
   2: Auto print
- Sleep time (in minutes): (0-200), 0: Scale goes into sleep mode
- Enable by-weight and by-piece label type:
  - All by-weight label type: Charge by weight label type
  - All by piece label type: Charge by piece label type
- Enable by-weight and by-piece barcode type:
  - All weighing barcode type: Charge by weight barcode type (1-99, 101-110)
  - All by-piece barcode type: Charge by piece barcode type (1-99, 101-110)

	Print weight unit of unit price	Print background	
	□ Print discount mark line	Use extended hotkey	
Basic setting1	Print quantity	Print time	
	Auto adjust PLU name	Print weight unit of weight	
	Lock price	<ul> <li>☐ Use original price in barcode</li> <li>☑ Anti-wind</li> <li>☐ Total price discount</li> </ul>	
Basic setting2	Use new shelf time mode		
	Use message 2		
Advanced function	No print EAN-13 barcode	Discount PLU belongs to Department23	
	□ No print after price change	☐ Use extended shelf time ☑ Allow print zero price	
Weight unit	Power-on paper picking detect by default		
	☐ show unit in total price & unit price column	Deprive power-on auto print by default	
Custom barcode	Long press [Price] to enable permanently change price		
	Close permanently change price	Close allow specify total Sales	
Security	Close print zero weight price label	Scale send weight from serial port	
	Close print price Prefix on label	Press Number + Total price and print	
	Label print month in English abbreviations	Price by auto transformation from KG to 500g	
	Print custom ticket content	☐ 100 times the weight in the barcode	
	☐ Turn off display time	Turn off the function of ticket accumulation	

#### {Basic Setting2}

- **Print weight unit of unit price:** When printing the unit on the unit price (this function is for the specified firmware version)
- Print discount mark line: (retained)
- Print quantity: (retained)
- Auto adjust PLU name: (retained)
- Lock Price: This function is used for goods of a fixed weight (ex. package type is set as fixed weight). When automatically printing labels, this should be checked.
- No gap label: Retained
- Use new shelf time mode: Use the latest shelf life method (print blank in shelf life column when the shelf life is 364 and 365)
- Use message 2: If message2 is enabled at the same time, this must be checked
- No print EAN-13 barcode: When checked, the check digit will not print
- No print after price change: Use when the unit price is changed. If checked, no label will print. Otherwise, it will print immediately (retained)
- **Power-on paper picking detect by default:** Paper detection function enabled by default when power on (Only when the previous label is removed can the next one print)
- Show unit in total price & unit price column: Shows the unit's total price and unit price (this function is for the specified firmware version)
- Close permanent change price: Turn off the permanent price changing function
- **Close print zero weight price label:** When weight is 0, the label may or may not print (this function is for the specified firmware version)
- Label printed with month abbreviated in English: Month is expressed with English abbreviations in fields related to the date, such as 19-10-30-> 19-OCT-30

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 Print background: The background of the label will print, as shown. If turned off, the background will not print.

💼 RTLabel ./rtlabel_en.scr	
File Edit View Communicate Help	
Courier New 🗸 Normal 🔻 🗋 📴 🚽 DO 💌 🛃 562	X40mm
SimSun    12    ■ Solid    −6pt    Β <u>U</u>	<u>A</u>
k ♂ ✓ T 丶 □ □ □ ○ ○ 0 0	
Background Component	
PLU Name	
Net WtPacked DateValid Date12345kg07-02-9809-03-98	Packag 21.875
X.XX/kg	
Unit Price TOTAL PRICE	
5 012345 678900	
	CN16x1 CN12x2

- Use extended hotkey: (retained)
- **Print time:** If checked, the date field (such as valid date, packed date) will print with a specific time. For example, "10-17-19 11:12." Otherwise, it will only print the date as, "10-17- 19"
- Print weight unit of weight: Use if printing units of weight, for example, 5.12 kg
- Use original price in barcode: If checked, it will show the original price on the label. Otherwise, it will show the current price
- Anti-wind: Prevents wind from interfering with the scale
- **Total price discount:** If checked, the unit price will show as the original price in the daybook uploaded. If not checked, it will show the discount price
- **Discount PLU belongs to department 23:** PLU that have been discounted belong to department 23
- Use extended shelf time: (retained)
- Allow print zero price: Will allow label printing when the price is 0
- **Power-on auto print by default:** Turns on the automatic printing function. When an item is on the scale, the label will be printed automatically after pressing the hot key
- Long press [price] to permanently change price: When enabled, long press [Price] to change the price permanently. If not enabled, short press [price] to change the price permanently
- **Turn off function that shows specific total sales:** To turn off the function: [press number + total price and print]
- **Scale send weight from serial port:** The weight from the scale can be obtained from the COM port of PC terminal, which is used for testing and connecting with the third party interface
- **Press number + total price and print:** If checked, input the unit price and press [NET CHECK/ SET AMT] button. The label will be printed automatically
- **Price by auto transformation from KG to 500g:** When the weight in kg, the unit price is converted into 500g. For example, usd 0.9/kg-> usd 0.45/500g



Cale set function						×
	Print speed:	0	*	*Paper exit position fine-tune	0	
Basic setting1	Align paper	0	*	Print direction	0 🔹	
	*Horizontal offset	0	* *	Account type	Total price	
Basic setting2						
Advanced function						
Weight unit						
Custom barcode						
Security						
(	Save	Export	Import	Upload Dow	mload 🕼 Reset	Close

#### {Advanced function}

- Align paper: -8~+8 (retained)
- \*Horizontal Offset: 0-16 (retained)
- **Print speed:** 0-7: 0 represents the fastest printing speed, while 7 represents the slowest printing speed. Printing performance is better in slow printing speed, but the lifespan of the printer head will be shorter
- Print direction: Adjust the exit direction of label paper, 0:0, 1:90, 2:180, 3:270
- Account type: (retained)
- \*Paper exit position fine-tune: (retained)

### {Weight unit}

Function: Choose the units to be used on the scale. Should be checked used.

## {Security}

Function: Set the function password lock to prevent some parameters from being changed. After setting, enter the relevant function and enter the password

- Lock system function: Long press [SETTING] on the scale, set the password
- Lock account button: (retained)
- Lock PLU button: Long press [PLU] button on the scale, set the password before editing
- Lock discount button: Long press the [DISCOUNT] button on the scale and set the password
- Lock tare button: Long press the [TARE] button on the scale and set the password
- **Only PLU key:** When this function is enabled, you can't input the LF Code by pressing the [PLU] button of the scale. You can only use the hotkey to input the LF Code

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☐ Scale set function				×
Basic setting1	L: LF Code (6) D: Department (3) W: Weight or Quantity (6) A:3103WWW WWW (1)	I: Code (10) V: Unit Price (7) C: Check (1) B:93IIIII(1)	P: Total Price (i R: Rebate (2) O. 9: Constant (3 Y:13YYMMDD(1)	3)
Basic setting2	₩, 00, \$, €, %, 90, ↑ (2)		J: Check 2(1)	
Advanced function	Barcode 99 format Barcode 101 format Barcode 102 format			
Weight unit	Barcode 103 format			Weight/Quantity Decimals
Custom barcode	Barcode 105 format Barcode 106 format			
Security	Barcode 107 format Barcode 108 format Barcode 109 format Barcode 109 format			
	Barcode 110 format		0 🗘	
	Export Imp	port Upload	Download	🚱 Reset 🛃 Close

#### {Custom Barcode}

Function: Customize the barcode type No.99, and from No.101 to No.110

- Barcode No: Set the number of barcode type: Fixed position 99, 101-110
- Barcode Type: Choose the length of barcode
- **Barcode Format:** Set the barcode format. The corresponding fields for each letter are as follows: "(6)", "(10)", "(7)". The number in parentheses indicates the limited length

Example 1: L: LF Code (6) means inputting no more than 6 "L", like LLLLLL. This will print 6 LF code

Example 2: #, &, \$,  $\in$ , %, @, + (2) means inputting no more than 2 "##".

This will print 2 special symbols

L: LF Code (6)	I: Code (10)	P: Total Price (7)
D: Department (3)	U: Unit Price (7)	R: Rebate (2)
W: Weight or Quantity (6)	C: Check (1)	09: Constant (3)
A:3103WWW.WWW (1)	B:93IIIII(1)	¥:13¥¥MMDD(1)
#, &, \$, €, %, @, + (2)		J: Check 2(1)

• Weight/quantity decimals: Set the decimal digit for the weight or quantity, 0-3

#### **DESCRIPTION OF MODULE: {Communication}**

Communication Download update I	{Set Communication Port}	Sets mode of connection to the scale
Set communication port	{Scale Connection Test}	Tests if PC can be connected to the scale
A Scale connection test	{Firmware Upgrade}	Update the programming on the scale
L		

#### {Set Communication Port}

Open {Communication} >> {Set Communication Port}, or click the "wifi signal" icon on the toolbar. You will see this image:

RS-2	n mode 32	(a) TCP/TP	
0 10 2	52		
Port			
Port:	COM1	*	
BaudRate:	9600	*	
Scale No./IP	Address		
192.168.	1.87		

This module is mainly used for setting the mode for connecting the scale. Currently, only two methods (RS232 and TCP/IP) are supported.

- When (Port) is set as TCP/IP: enter correct IP address in [Scale No./IP Address].
- When (Port) is set as RS-232: enter the scale number in (Scale No./IP Address), to be "1234".

#### {Scale Connection Test}

Open {Communication} >> {Scale Connection Test}, or click the "radar dish" icon on the toolbar. This function is designed to test whether the PC can be connected to the scale. If it is successful, you will see this image:

× (	Cancel					
S/IN	Status	Name of department	Name of scale	Scale NO./Scale IP	•	
1	1	test	test	192.168.1.87		Department:test Label:test
2	~					Serial No:192.168.1.87 Start At:2021-01-16 10:28:01
3	~				=	OK!
Ļ	~					Jisconnect
5	~					Last connect.2021 01 10 10.20.04
5	~					
,	~					
3	~					



#### {Firmware Upgrade}

Open {Communication} >> {Firmware Upgrade}. Update the program on the scale and select the .hex file as shown here:

rganize 🔻 New folder				855 💌	
Favorites	Name	Date modified	Туре	Size	
Nesktop	1_bqc_china_V2.000_202011172.hex	17/11/2020 19:35	HEX File	254 KB	
\rm Downloads	······································				
库					
🔄 文档					
Libraries					
Documents					
Music					
Music Fictures					
<ul> <li>Music</li> <li>Pictures</li> <li>Subversion</li> </ul>					
Music  Pictures  Subversion  Videos					
✔ Music E Pictures Subversion Videos 示異云盘下載					
✔ Music ■ Pictures 圖 Subversion ■ Videos 圖 天翼云盘下載 ¥ Homegroup					

When the red box (below) appears, it indicates that the update process was successful.

			N ( )	C 1 NO /C 1 TO		1
V	Status	Name of department	Name of scale	Scale NU./Scale IP	Â	Department:test
1	×	test	test	192.106.1.67		Label:test Serial No:192.168.1.87
						Start At:2021-01-16 11:12:20
	~7				=	Update Firmware
	~7					(1013/1013) Update Firmware end
	~7					OK! Disconnect
	7					Last Connect:2021-01-16 11:1
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~					
	~~					
Ê.	N					



### DESCRIPTION OF MODULE: {Download Update}

Dov	wnload update Report P	ra	
2	Download data	{Download Data}	Download PLU, barcode, function parameters, etc.
	Download plu	{Download PLU}	Download PLU data to the scale
a	Download hotkey	{Download Hotkey}	Download PLU hotkey file
	Undate plu	{Update PLU}	Update PLU data
	Update Price	{Update Price}	Uploads transaction detail records of the scale
		{Update Sales Records}	Upload sales records
	Upload sales records	-	

#### {Download Data}

Open {Download Update} >> {Download Data}, or click the "green down arrow" icon on the toolbar. This function is designed to be used for downloading PLU, labels, fonts, and relevant parameter settings.

🛃 Download Data
<pre>     PLU     Label-D0     Label-D1     Single-byte font(eg.English)     Double-byte font(eg.Chinese)-LFZK     User weight unit </pre>
OK

RT File	PLU /rtPLU PLU Se	J_EN.txp Section Message	Commu	nication	Help							l	0
	-	P 13 8	5 5	<b>X</b> ±	2 2 🛞	KotEey -	]		•				
	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	Department	Tare	Shelf time	Package type	Package W
1	1	Chinese cabbage	1	1	2	0.90	kg	0	21	0.000	15	Normal	0.000
2	2	Celery	2	2	2	1.40	kg	0	21	0.000	15	Normal	0.000
3	3	Lettuce	3	3	2	4.00	kg	0	21	0.000	15	Normal	0.000
4	4	Mao Qin	4	4	2	2.40	kg	0	21	0.000	15	Normal	0.000
5	5	Scoop dishes	5	5	2	0.50	kg	0	21	0.000	15	Normal	0.000
6	6	Lettuce	6	6	2	3.60	kg	0	21	0.000	15	Normal	0.000
7	7	Cole	7	7	2	2.10	kg	0	21	0.000	15	Normal	0.000

	Selected	Name of Department	Name of scale	Remarks	Scale No./Scale IP	Label(D0)	Label(D1)	PLU file	PLU
1		test	test		192.168.1.87	rtlabel_en.scr	sample.scr	rtPLU_EN.T	
2					10				
3	<b></b>								
4									
5									
6	10								

• **[Label-D0] & [Label-D1]:** Downloads the label of D0, D1.

• **(PLU)**: Downloads PLU-related information,

such as hotkey, PLU name, etc.

- **(Function SetJ:** Downloads scale-related parameters as detailed on page 8.
- **(Single-Byte Font (e.g. English)J:** Downloads single-byte fonts, such as English.
- **(Double-Byte Font (e.g. Chinese)J:** Downloads double-byte fonts, such as Chinese characters and traditional Chinese characters.
- **[User Weight Unit]:** Downloads the unit name of PLU.
- **[Enter Mode]:** Downloads Pinyin Input Method, which is used for editing the input of PLU-related information on the scale

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#### {Download PLU}

Open {Download Update} >> {Download PLU}. This function is designed for downloading PLU data to the scale. The PLU file must be set first, as shown below.

🚽 RL	S1000 ./testR	T.RLS	100 07		(C) (D = 1	10.0	- A	-	1.00
File	Communic	ation Download update	Report Program	Help					
-		🕅 🗶 🔏 👱	🏟 💼 🔏 🗉						
	Selected	Name of Department	Name of scale	Remarks	Scale No./Scale IP	Label(D0)	Label(D1)	PLU file	PLU update fil
1	V	test	test		192.168.1.87	rtlabel_en.scr		rtPLU_EN.T	
2	<b>F</b>								
2	[m]								

#### {Download Hotkey}

Open {Download Update} >> {Download Hotkey}. This function is designed for downloading a hotkey file. The Hotkey file must be set first, as shown below.

J R	LS1000 ./testRT.R	LS		1 22 4 4	-		S	A make	And the second second
File	Communicatio	on Download updat	te Report	Program Help					
4	) [ 🕈 🔛 🛛	N 🙈 🄏 👱	🏩 🚊	1 🚜 💌					
	of Department	Name of scale	Remarks	Scale No./Scale IP	Label(D0)	Label(D1)	PLU file	PLU update file	Hotkey file
1		test		192.168.1.87	rtlabel_en.scr		rtPLU_EN.T		rtPLU_EN.key
2								L	
-									

#### {Update PLU}

Open {Download Update} >> {Update PLU}. This function is designed for updating PLU data. The file to be updated must be set first, as shown below

R	LS1000 ./testRT.RI	LS						A ma	
File	Communicatio	n Download updat	e Report	Program Help					
4	) [ 🔡 🔣	I 🗟 🔏 🛓	🍳 🚊	<u> 8</u>					-
	of Department	Name of scale	Remarks	Scale No./Scale IP	Label(D0)	Label(D1)	PLU file	PLU update file	Hotkey file
1		test		192.168.1.87	rtlabel_en.scr	sample.scr	rtPLU_EN.T	rtplu_cn.txp	
2									
28									

### {Update Price}

Open {Download Update} >> {Download Data}. This function is designed for uploading the transaction-detail records from the scale. If the upload is successful, the following figure will appear, of which, "Upload account (4 / 4)" indicates that there are 4 records in total, and 4 records have been successfully uploaded.

Tra	nsfer Sta	tus			1 5		1	-	
S/N	Status	Name of department	Name of scale	Scale NO./Scale IP				-	
1	1	test	test	192.168.1.87					Label: test Savid No: 192 168 1 87
2	~								Start At:2021-01-16 11:27:42
4	~							=	upload Transaction information (4/4)
5	~								upload Transaction information end
6	N								Disconnect

**NOTE:** After uploading, the transaction-detail records on the scale will be automatically cleared. After successful upload, the report can be viewed with {Sale Detail Query} on page 18.



### DESCRIPTION OF MODULE: {Report}

#### {Sale Detail Query}

This function is designed for serving the query of transaction-detail reports that have been uploaded. Accurate queries can be made based on conditions such as sale time, scale IP, LF code, and PLU name.

	,									
SaleTime: 2 LFCode:	2021-01-16 0:00:00	) <b>↓</b> T∘ 2021	-01-16 23:59:59 👻	ScaleIP: PLU Name:			query	export	close	
S/N	Scale IP	User	LF Code	PLU name	Unit price	Unit	Weight	Total price	Sale time	Daily settleme
1 139	192.168.1.87	80157	2	ÇÛ²Ë	1.4	Kg	0.6	0.43	2021-01-16 11:2	2021-01-08 17:
2 140	192.168.1.87	80157	3	Éú²Ë	4	Kg	1.72	0.43	20 <mark>21-01-16</mark> 11:2	2021-01-08 17:
3 141	192.168.1.87	80157	1	′ó°×²Ë	0.9	PCS(Kg)	0.9	1000	2021-01-16 11:2	2021-01-16 11:
4 142	192.168.1.87	80157	2	ÇÛ²Ë	1.4	Kg	0.6	0.43	2021-01-16 11:2	2021-01-16 11:
5 143	192.168.1.87	80157	3	Éú²Ē	4	Kg	1.74	0.435	2021-01-16 11:2	2021-01-16 11:
6 144	192.168.1.87	80157	4	ëÇÛ	2.4	Kg	1.03	0.43	2021-01-16 11:2	2021-01-16 11:

- **{Query}:** Searches coresponding data entered in the fields. If data is found, it will be displayed in the form data below. If data is not found, the form data will be empty.
- **{Export}:** Exports the tabel data of current query. The exported file formats as .xlsx.



### DESCRIPTION OF MODULE: {Program}

Program Help	{Label Editor}	Starts the Label Editor Program
💂 💻 Label editor	{PLU Manager}	Starts the PLU Manager Program
🛛 🖧 🛛 PLU manager	_	
JCare mod Jeare II		



# MODULE LABEL EDITOR

Edits the label printing template for printing PLU-related information.

RTLabel_/rtlabel_en.scr File Component View Communicate Help		CA-X	
Courier New 🔹 Normal 🔹 🗋 📴 🛃 🔟 🔹 🚖 56X40mm			
ﺷ਼ਿ∰‰ ∰¥छ≣, ഈ  ≅ 🛛 🖉 🕬 ‰ 📾 💩 🖷 🖬 🤮	on 🗧 🚖 🖉	0 📧 🎆	
Background Component			
PLU Name	Set grcode	Not Set	• PrintDirection
Not Wt Packed Date Valid Date	Package	5	•
12345kg 07-02-98 09-03-98	21.875		Left (nm)
X.XX	10. 125		Top (nm)
X.XX/kg		*	Size
Unit Price TOTAL PRICE	0	•	Direction
		*	Format
			Row
5 012345 018900	CN16x16 EN8x16 Eor	t t	Column
	CN12x24 EN8x24 For	it	
	24x72 Number Font		
	CN32x16 EN16x16 Fo CN48x24 EN16x24 Fo	nt	
	32x32 Font		
	CN48x24 EN32x24 Fo CN32x64 EN16x64 Fo	nt	1
	CN16x48 EN16x48 Fo	nt	
	CN48x96 EN16x96 Fo	nt	
	CN48x72 EN16x72 Fo	nt	
	CN24x24 EN14x24 Fo	nt	
	CN48x48 EN48x48 Fo	nt	÷
		X:	44.375mm Y: 25.5mm

## **DESCRIPTION OF MODULE: {File}**

		-		
File	Component	View Com	{New}	Create new label template
	New	Ctrl+N	{Open}	Open an existing label template
1	Open	Ctrl+O	{Save}	Save currently edited label template
	Save	Ctrl+S	{Save As}	Save as a label template
6	Save as	Ctrl+Shift+S	{Resize}	Modify label size
	Resize Exit		{Exit}	Exit current program

### {New}

Ш

Creates a new label template. The following box will pop up; set parameters according to the size of the paper.

- Width must be between 30mm and 56mm.
- Height must be between 15mm and 140mm.

#### {Resize}

Modifies the size of the label template.

- Width must be between 30mm and 56mm.
- Height must be between 15mm and 140mm.

🚊 Custom label size		×
Label Width: Label Height:	30 mm	
ОК	Cancel	



### **DESCRIPTION OF MODULE: {Component}**

The components in this menu can be found in the toolbar. When a component is selected, both the toolbar and the menu are selected at the same time. The toolbar buttons are described below:



**(Print DirectionJ:** Set the print direction of the label. When value is greater than 0, the label will be rotated.





#### **RULES ON LABEL OPERATION**

#### How to Edit a Label:

- 1. Click on a component of the toolbar such as {Name}.
- 2. Click on the blank space of the white canvas below.
- 3. Set Relevant Properties on the right (such as left, top, direction, and corresponding font).
- 4. Switch to {Background}, and then you can customize the drawing and write text.
- 5. Save ({File}>>{Save}).

RTLabel		RTLabel	-	1000
File Component View Communicate Help		File Edit View Co	ommunicate Help	
Courier Nes 🔹 Vornal 💌 🗋 🖆 🚽 10 💌 📩 56X40mm		File Edit View Co	ommunicate Help	
🖬 🧱 🖗 ¥ 📧 🚍 🕮 🕮 🖏 🖉 🕬 % 🚟 📾 📼 💽 🤇	≥ ★ 🚔 ≟ ® ₩	Courier New	- Normal - 🗋 📴 🛃 🛛	💽 📩 🧙 56X4
Background Component		SimSun	• 6 • ■ Solid • — 6pt	• B Z U §
PLU Name	Set groode Fot Set * PrintDirection			
	Bane 👻	N 9 9 1		
	1.125 Loft (m)	Destauro	10	
	2.25 Top (m)	Backgroun	la Component	
	- Size			
	0 • Direction			
	Nidile * Fernat			
	8 Rev	Name:	PLU Name	
	1 Line * Column		and the second sec	
	CN16x16 EN8x16 Font CN12x24 EN8x24 Font			
	16x32 Font			
	CN32x16 EN16x16 Font			
	CN48x24 EN16x24 Font 32x32 Font			
	CN48x24 EN32x24 Font E			
	CN32xb4 EN16xb4 Font CN16x48 EN16x48 Font			
	32x64 Font CMIR/06 ENITE/06 Event			
	CN48x72 EN16x72 Font			
	32x96 Font			
	CN48x48 EN48x48 Font			
	V. EE DEmme V. 0.25mm			
	A: 33.23mm T: 8.25mm			

#### **Operation of QR Code Component**

- 1. Put QR code component in.
- 2. Open QR code setting interface by clicking {Set qrcode}.
- 3. Set the properties related to QR code by selecting QR code-related field content (Text, Unit Price, Total Price, etc.) to be printed and set the properties of the QR code.
- 4. When completed, click the {Exit} button.

RTLabel		E Set QRCode	×
Courier New View Communicate Herp	Omm		
<b>☆</b> 〒 ½ ⊕ ¥ ⊠ ≒ ∞ ∞ = N 2 ∞ 兆 ※ ₩ ■ ▲	- F ⊗ ★ = 1 0 = III		
Background Component		text · ABC	
	Set groode Hot Set	text tripping	
	trace insge v	total_price #	
	24.625 Left (m)	1fCode code	
	15.25 Top (an)	department	
A CAREAR AND A CAR	* Size	time_of_seconds *	
	0 • Direction	end V	_
	Fornat		
			_
	Ĩ	end	
		end	
Set grcode Not Set	PrintDirection	end	
antre -		end	
		end	
trace image	*	ABC	
24.625	Left(mm)		
15.25	Top (mm)	M 15% V Err_level 2 V CellWidth Auto V Mode	
		0 V Mask Original V Model 0 V Rotati	.on
	Size		
	haven and		



### **DESCRIPTION OF MODULE: {Communicate}**





#### {Download Label}

1. Select the type of labels to be downloaded from D0-E1. Only when the type is the same as that set by {PLU manager}, can the label be downloaded.

File	PLU Se	lection Messag	je Communic	ation H	lelp							
1	•		3 2 3	<b>4</b>	<b>2</b> € 🧕	HotKey	•	•			_	
	Weight	Quantity type	Department	Tare	Shelf time	Package	type Package Weight	Tolerance (%)	Message 1	Message 2	Label	Dscount/Schedi
1	kg	0	21	0.000	15	Normal	0.000	0	0	0	0	0
2	kg	0	21	0.000	15	Normal	🚜 Multi-Label		×		0	0
3	kg	0	21	0.000	15	Normal	A0 A1				0	0
4	kg	0	21	0.000	15	Normal	🗖 BO 🕅 B1		OK	1912	0	0
5	kg	0	21	0.000	15	Normal	<b>C</b> 0 <b>C</b> 1				0	0
6	kg	0	21	0.000	15	Normal	🔽 DO 🕅 D1		Exit		0	0
7	kg	0	21	0.000	15	Normal					0	0
8	kg	0	21	0.000	15	Normal					0	0
9	kg	0	21	0.000	15	Normal	0.000	U	U	0	0	0

- 2. Open {Communicate} >> {Download label} or click toolbar button.
- 3. Select the way to connect the scale. For example, select TCP/IP as follows and download labels through network. After selection, click {ok}.

🔘 RS-232 🛛 💿 T(	CP/IP	Status: Send Data	
Port		Current package: 43	
Port: COM1	Ŧ	Total package: 75	
BaudRate: 9600	•		
Scale No./IP Address			
192.168.1.87			

- 4. After download begins, download progress will be displayed.
- 5. After download successfully completes, "Communication over" will be displayed.

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### {Upload Label}

Upload a label template that has been downloaded to scale.

- 1. Select the type of labels to be uploaded from D0-E1.
- 2. Open {Communicate} >> {Upload label} or click toolbar button.
- 3. Select the way to connect the scale. For example, select TCP/IP as follows and download labels through network. After selection, click {ok}.

0.0		0 101,11
Port Port:	COM1	<b>*</b>
BaudRate	9600	v
Scale No./I	P Address	
192.168.	1.87	



- 4. After download begins, download progress will be displayed.
- 5. After download successfully completes, "Communication over" will be displayed.

## **MODULE PLU MANAGER**

This module is mainly used for editing PLU-related information, and the information can be downloaded to the scale.

- 1. Open PLU manager.
- 2. Open 334PCSP30T menu : {Program}>>{PLU Manager}, or click on the toolbar button.

#### DESCRIPTION OF MODULE: {File}

File	PLU Selection	Message Com	{New}	Create a new PLU file				
-	New Ctrl+N		{Open}	Open an existing PLU file				
	Open Save	Ctrl+0 Ctrl+S	{Save}	Save currently edited PLU file				
	Save As	Ctrl+Alt+S	{Save As}	Save to another PLU file				
	From Excel Input PL	U	{From Excel Input PLU}	Import fixed-format files (.xls, .xlsx) from Excel				
	Custom import		{Custom Import}	Import PLU file in customized format				
	PLU Export to Excel		{PLU Export to Excel}	Export PLU to Excel file				
	export Hotkey to		{Export Hotkey to}	Export hotkeys to generate PLU hotkey (*.key) file				
	Choose Parameter		{Choose Parameter	Select PLU manager-related parameters				
			{Exit}	Exit current program				



### {New}

After creating a new PLU, you can enter relevant information, as shown below:

🔏 RT	rplu ./rtplu	J_EN.txp		-	-	-	-		Taxa in the	- 84	1 500		- O X
File	PLU Se	lection Message	Commu	inication	Help								
6	-		<b>X</b>	<b>a</b> ±	👱 🚖 🍥	HotKey 🔻	]	4	•				
	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	Department	Tare	Shelf time	Package type	Package We ^
1	1	Chinese cabbage	1	1	2	0.90	kg	0	21	0.000	15	Normal	0.000
2	2	Celery	2	2	2	1.40	kg	0	21	0.000	15	Normal	0.000
3	3	Lettuce	3	3	2	4.00	kg	0	21	0.000	15	Normal	0.000
4	4	Mao Qin	4	4	2	2.40	kg	0	21	0.000	15	Normal	0.000
5	5	Scoop dishes	5	5	2	0.50	kg	0	21	0.000	15	Normal	0.000

Each field is described as follows:

- Hotkey: Input hotkey (1-224) used to display a corresponding product after hotkey (1-112\*2) is pressed on scale.
- **PLU Name:** Input PLU name within 36 characters
- LF Code: Input number within 6-figure which means Fresh Commodity Code. NOTE: Do not repeat (unique ID value of goods)
- **Code:** Input number within 10-figure which means PLU item number
- Barcode Type: Input barcode type (0-99, 101-110) See Barcode type in 5.1 Appendix I. Barcode Coding Table. You can also double click {Barcode Type} in the table, and the box for selecting barcode will pop up.

As shown below,

double click the desired barcode for selection.

- {Bulk change weight PLU}: Batch change the bar code type of all goods by-weight to selected barcode type
- {Bulk change PCS PLU}: Batch change the bar code type of all goods by-piece to selected barcode type
- {Unit Price}: Input unit price
- {Weight Unit}: Press space, then select required weight unit
- **{Quantity Type}:** Set the unit name to be displayed on scale (Quantity type 1-Quantity type 6 are valid. Quantity type 8-Quantity type 15 are invalid)

Hotkey PLU nam	e LF Code	Code Barco	ode type Unit	Price Weight	Quantity type	Department	Tare	Shelf time	Package type	Pack
Salact Barroda	abbage 1	· <u> </u>	0.30	Ng	0	4	0.000	15		3
Rarcada Tuna	Rarcodo Namo	Department	Code	If ode	Price	Unit	Price	Weight	Ratch number	0
0	EAN13	2	10			-		weight		10
1	EAN13	2	6		4					0
	EAN13	2	5		5	-	÷			0
3	EAN13	2	4		6					0
4	EAN13	2	3		7	-				10
5	EAN13	2	6			-		X.XXX(4)		10
6	EAN13	2	6					XX.XX(4)		0
7	EAN13	2	5					XX_XXX(5)		0
8	EAN13	2	5			-		XXXX.X(5)		10
9	EAN13	2	5					XXXXXX(5)		100
10	EAN13	20(2)	10							10
11	EAN13	21(2)	6		4			-		10
12	EAN13	22(2)	5		5			22		0
13	EAN13	23(2)	4	~~~~	6	-	-	-		0
14	EAN13	24(2)	3		7	-		/		0
• [							_			
Remarda Tem		ox		Ault shows	unight Di-		1	Pulls at	benne D'C Plu	



• **{Quantity Type}:** Operation is as follows:

1. Open {File} >> {Preferences} of the 334PCSP30T software or click the icon on the toolbar to switch to {Weight Unit Name}.

2. Set the value of Quantity Type 1 - Quantity Type 4. Download the parameters after completion of the setting as shown below:

Common items Weight 1	unit name   set label scale fonts   set auto upload <u>d</u> ownload	l time
Unit of weight	Name displayed on the scale	*
Lb		
500g		
600g		
Quantity type 1	PCS(g)	E
Quantity type 2	PCS(kg)	
Quantity type 3	PCS(oz)	
Quantity type 4	PCS(LB)	
Quantity type 5		
Quantity type 6		
Quantity type 7		-

3. Click the 334PCSP30T toolbar and select {User weight unit} as shown below for downloading:

🛃 Download Data
<ul> <li>PLU</li> <li>Label-D0</li> <li>Label-D1</li> <li>Function set</li> <li>Single-byte font(eg.English)</li> <li>Double-byte font(eg.Chinese)-LFZK</li> <li>User weight unit</li> </ul>
OK Cancel



#### 4. Set the weight unit of PLU manager:

🔏 RT	PLU ./rtPLI	J_EN.txp											- • ×
File	PLU Se	election Message	Commu	nication	Help								
12		1	<b>X</b>	₫ ±	👱 🚖 🕑	HotKey 🔻		0	-				
	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	[repartment	Tare	Shelf time	Package type	Package We
1	1	Chinese cabbage	1	1	2	0.90	PCS(g)	0	21	0	15	Normal	0
2	2	Celery	2	2	2	1.40	PCS(kg)	0	21	0.000	15	Normal	0.000
3	3	Lettuce	3	3	2	4.00	PCS(oz)	0	21	0.0	15	Normal	0.0
4	4	Mao Qin	4	4	2	2.40	PCS(lb)	0	21	0.000	15	Norm <mark>a</mark> l	0.000
5	5	Scoop dishes	5	5	2	0.50	kg	0	21	0.000	15	Normal	0.000
6	6	Lettuce	6	6	2	3.60	kg	0	21	0.000	15	Normal	0.000
7	7	Cole	7	7	2	2.10	ka	0	21	0.000	15	Normal	0.000

#### 5. or set as the following:

🔏 RT	PLU ./rtPLU	J_EN.txp											- 0 <b>X</b>
File	PLU Se	lection Message	Commu	inication	Help								
17			<b>×</b>	<b>a</b> 4	. 🛃 🟦 🕑	HotKey 🔻	]	8	•				
	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	() epartment	Tare	Shelf time	Package type	Package We
1	1	Chinese cabbage	1	1	2	0.90	PCS(g)	10	21	0	15	Normal	0
2	2	Celery	2	2	2	1.40	PCS(kg)	11	21	0.000	15	Normal	0.000
3	3	Lettuce	3	3	2	4.00	PCS(oz)	12	21	0.0	15	Normal	0.0
4	4	Mao Qin	4	4	2	2.40	PCS(lb)	13	21	0.000	15	Normal	0.000
5	5	Scoop dishes	5	5	2	0.50	kg	0	21	0.000	15	Normal	0.000
6	6	Lettuce	6	6	2	3.60	kg	0	21	0.000	15	Normal	0.000
7	7	Cole	7	7	2	2.10	kg	0	21	0.000	15	Normal	0.000
8	8	Lettuce	8	8	2	2.30	ka	0	21	0.000	15	Normal	0.000

	Unit Correspondin	g to Quantity Type	
Quantity Type	Corresponding Unit	Quantity Type Value	Notes
50g	50g	0	For weight unit, if setting
g	g	0	is uselsss, fill in "O"
10g	10g	0	
100g	100g	0	
kg	kg	0	
oz	oz	0	
lb	lb	0	
500g	500g	0	
600g	600g	0	
Quantity Type 1	PCS(g)	10	By default, "0" is ok, or
Quantity Type 2	PCS(kg)	11	10-15 can be input. If "Corresponding Unit"
Quantity Type 3	PCS(oz)	12	is not set, the default is
Quantity Type 4	PCS(Lb)	13	"PCS" on scale.
Quantity Type 5		14	
Quantity Type 6		15	
Quantity Type 7-15			Retained



- {**Department**}: Input a two-digit to represent department
- **Tare:** Input tare weight, within 15kg after logic conversion
- **{Shelf time}:** Input shelf time (0-365). There are two ways to display shelf time unit: (0-365) means unit is showing the day. (-365-0) means unit is showing the hour
- {Package type}: Press the space bar to select the packing type. Generally, "normal" is selected

Normal	• (Fixed weight)
Fixed Weight Fixed Price Both Fixed QR Code	<ol> <li>In PLU, set the item package type as "fixed weight". Input package weight m1 and input the tolerance</li> <li>Enable lock function (price lock) on the scale, which enables automatic printing</li> <li>Put the object on the scale and input the set item. When m1 (m1*e)/200/2<object (m1*e)="" 2+="" 200="" 200,="" <m1+(m1*e)="" allowed<="" automatic="" is="" li="" printing="" weight=""> </object></li></ol>
PI	<ul> <li>4. The printed weight is the package weight</li> <li>(Fixed price)</li> <li>1. In PULL set the item package type of "fixed price" input package</li> </ul>

- weight m1, and input the tolerance
- 2. Enable lock function (price lock) on scale, and automatic printing is enabled
- 3. Put the object on the scale and input the set item. When m1  $(m1^*e)/200/2 < object weight < m1 + (m1^*e)/200/2 + (m1^*e)/200,$ printing is allowed
- 4. The printed weight is the package weight. The printed total price is the unit price. The unit price is not printed
- **(Both fixed)** (Fixed weight and Fixed price):
  - 1. In PLU, set the item package type as "fixed weight and fixed price" and enter package weight
  - 2. Enable lock function (price lock) on scale
  - 3. Put the object on the scale, input the set item and press "print". The printed weight is the package weight and the printed total price is the unit price. The unit price is not printed
- **[QRcode]:** Customized customer use, retained
- [PT]: Customized customer use, retained
- {Package Weight}: Input package weight, within 15kg
- {Tolerance}: Input package tolerance in percentage (0-20) Dused along with fixed weight and fixed price
- {Message 1}: Input the selected message No. (0-10000) use this message
- **[Message2]:** Input the selected message No. (0-197) use this message **NOTE:** To enable Message2, {Set function}>>[Use message 2] of the 334PCSP30T module must be checked.
- The operation of [Message 1] and [Message 2] is the same, as shown below. 1. Input "2" in (Message 1) in the table

🔏 RT	PLU ./rtPLU_EN.txp	5.4	0.	£ #								ж
File	PLU Selection	Message	Communica	ation Help								
13	- 🕹 🕼 L	-	1	🖞 🕹 👱 🧕	🐠 HotKey 🔻	•]	•					
	Department	Tare	Shelf time	Package type	Package Weight	Tolerance (%)	Message 1	Message 2	label	Discount/Schedule	Nutrition	-
1	21	0	15	Normal	0	0	2	0	c	0	0	
2	21	0.000	15	Normal	0.000	0	0	0	c	0	0	
3	21	0.0	15	Normal	0.0	0	0	0	0	0	0	
4	21	0.000	15	Normal	0.000	0	0	0	0	0	0	



2. Press the spacebar or double click on [Message 1] to get the following box to appear. Input information, save, and download to the scale.

🔏 RT	PLU ./rtPLU_EN.txp		•									23
1	PLU Selection			ation Help	🐠 HotKey 🔻	•	•					
	Department	Tare	Shelf time	Package type	Package Weight	Tolerance (%)	Message 1	Message 2	Label	Discount/Schedule	Nutrition	-
1	21	0	15	Normal	0	0	2	0	0	0	0	100
2	21	0.000	15	Ø Tenut Massage	0.000	•		•	•		0	
3	21	0.0	15	tinput message	-	-		-	-		0	
4	21	0.000	15	Line this a cal	obage 1		Ľ				0	
5	21	0.000	15	Line 2 this a ca	obage 2						0	
6	21	0.000	15	Line							0	
7	21	0.000	15	Line 4							0	
			12									

3. Put the [Message1] component in {Label editor}, set the number of lines and fonts to be displayed, and print the information on the commodity. The print effect is as follows:

File Component View Communicate Help Cowvier New	RTLabel	
Courser Hew Herenal  Herenal	File Component View Communicate Help	
Image: Set greek     Background     Component     PLU Name     Wessage1     0     Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Left (an)   9.25   Top (an)   Size   0   Ultration   Chinese cabbage   Line   Chinese 2	Courier New - Normal - 🗋 🧭 🚽 10 - 👱 🚖 56X40mm	
Background Component          PLU Name       Image: Set group         Nessage1       0         Left (am)       9.25         0       Left (am)         9.25       Top (am)         Size       0         0       Direction         Format       56         56       Rev         Size       0         Chinese cabbage       Size         Ithis a cabbage 1       Chid6 EN8.04 Font         16x32 Font       16x32 Font         24/27 Number Font       24/27 Number Font         24/27 Ent       24/27 Ent	🖬 % 亜 ¥ छ 🗖  🖻 🛛 🖉 *** % ००० 📾 🛦 🖷 🖸	🖉 🚖 🚍 🤽 🔞 📧 🎆
PLU Name Messagel  Messagel  Chinese cabbage this a cabbage 1 this a cabbage 2	Background Component	
Messagel   Messagel	PLU Name	Set grcode Not Set
0       Left (m)         9.25       Top (m)         • Size       0         0       Birection         • Format       56         56       Rev         3 Line       Column         Chinese cabbage 1       Column         Chide ENSule Font       Column         Chinese 2       Chinese cabbage 1	Meggane1	Messagel 👻
9.25 Top(m) Size 0 VBirection VFormat 56 Rev Size 0 VDirection VFormat 56 Rev VFormat 56 Rev VFormat 57 Rev VFort 57 Rev 57 Rev		0 Left(mm)
Chinese cabbage this a cabbage 1 this a cabbage 2 this a cabbage 2 this a cabbage 1 this a cabbag		9.25 Top (mm)
Chinese cabbage this a cabbage 1 this a cabbage 2 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 1 this a cabbag		- Size
Chinese cabbage this a cabbage 1 this a cabbage 2 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 2 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 3 this a cabbage 3 this a cabbage 4 this a cabbage 4 this a cabbage 4 this a cabbage 5 this a cabbage 4 this a cabbage 4 this a cabbage 5 this a cabbage 6 this a cabbage 7 this a cabbag		0 • Direction
56     Rev       S Line     Column       This a cabbage 1     CNI6:d6 EN8:d6 Font       16:x32 Font     16:x32 Font       16:x32 Font     12:x34 Font       12:x34 Font     14:x34 Font		Format
Chinese cabbage this a cabbage 1 this a cabbage 2 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 2 this a cabbage 1 this a cabbage 2 this a cabbage 3 this a cabbage 4 this a cabbage 4 this a cabbage 4 this a cabbage 4 this a cabbage 5 this a cabbage 4 this a cabbage 5 this a cabbage 6 this a cabbage 7 this a cabbage 7	A BULLE A BULLE A BULLE A DE CONTRACTOR	56 Row
CNIEx24 EN8x26 Font CNI2x24 EN8x24 Font CNI2x4 EN8x4 Font CNI2x4 Font CNI2x4 Font CNI2x4 Font CNI2x4 Font CNI2x4 Font	Chinese ashhar	3 Line Tolumn
CIOZED ENERGY ONE	this a cabbage 1 this a cabbage 2	CN16x16 EN8x16 Font CN12x24 EN8x24 Font 16x32 Font 24x72 Number Font CN32x16 EN16x16 Font
	second	

• **[Label]:** Select label type. After checking, select corresponding label type in {Label editor} and download to enable the function.

🔏 Multi-Labe	ł	RTLabel C/Program Files (x86)/RLS1000/rtlabel_en.scr File Component View Communicate Help	
A0 B0	Al Bl	OK     OK         OK         OK         OK         OK         OK         OK         OK         OK         OK         OK         OK         Image: State and St	£ [56X40mm]
DO	D1	Exit         07-02-98         09-03-98           X.XX/kg         Unit Price         TOTAL PRICE	
		5 <sup>1</sup> 01235 <sup>1</sup> 678800	



• **[Discount/Schedule]:** Input the discount rate. Range of discount (0-138). Double click the [Discount /Schedule] column or press the spacebar to see the following image. Inputting 80 indicates a 20% off on the commodity. For example, when original price is 60, 60\*80/100=48. The price after discount is 48.

Discount 80 %			
O Discount period	l		
⊚ Model   ○ Mod	e3 🔘 Mode5	🖱 Mode7	🖱 Mode9
⊖ Mode2     ⊙ Mod	e4 🔘 Mode6	O Mode8	🔿 Model0

• **(Discount Period):** A time period-based discount can also be performed. Select (Discount period) >> [Model] >> Edit as shown below.

🔏 Discount/Schedule	🐰 Discount Table
<ul> <li>Discount</li> <li>80</li> <li>%</li> <li>Discount period</li> </ul>	Time Period I: 10:00 * Discount: 20 * % Period IT: 12:00 * Discount: 30 * %
● Mode1 ◎ Mode3 ◎ Mode5 ◎ Mode7 ◎ Mode9	Period III: 13:00 $\frac{1}{\sqrt{2}}$ Discount: 40 $\frac{1}{\sqrt{2}}$ % Period IV: 14:00 $\frac{1}{\sqrt{2}}$ Discount: 50 $\frac{1}{\sqrt{2}}$ %
⊙ Mode2 ⊙ Mode4 ⊙ Mode6 ⊙ Mode8 ⊙ Mode10	Period V: 15:00 🖕 Discount: 0 🌞 %
Edit OK Cancel	Mode1 (Mode2 (Mode3 (Mode4 (Mode5 (Mode6 (Mode7 (Mode4)))))

This function is designed for providing different discounts based on different time periods. 10:00-11:59: Discount=20%; 12:00-12:59: Discount=30%; 13:00-13:59: Discount=50%; No discount after 15:00.

**NOTE:** The discount method here is the opposite to the previous [Discount] calculation. For example, when the discount rate is 20% and the original price is 60, 60\*(100-20) /100=48. The price after discount is 48.

- **(Nutrition):** Set the nutrient content contained in commodity, and a nutrition label can be printed. The operation steps are as follows:
  - 1. Double click (Nutrition) column or press spacebar to get to the following image:

bbb	Belete	Save	Close	Chinese cabbage



- Click [Add], and the nutrition selection elements will appear. It can be seen from the image below that the nutrient element table is empty at the time. Nutrient elements can be added by clicking [Edit], or by adding through the {PLU} >> {Nutrition table set} on the main menu.
- 3. Add the nutrient element table, as shown below. If the table is completed, this step can be ignored.

	NO.	Nutrition name	Unit		Nutrition na	ame Unit
				1	VB	mg
2				2	VC	g
3				3	Calclum	mg
4				4	Heat	ki <sup>0</sup>
5				5		- <b>X</b> (
6				6		
7				7		
8				8		
9				9		
10				10	C.	
11				11		2
12				12		1

4. Click [Save] in the right image and return.

5. Reopen this interface, click download, and select the nutrients to be used as shown below.

	NO.	Nutrition na	me	Unit	
1		VB	mg		
2		VC			
3		Calclum	mg		
4		Heat	kJ		
5					
6					
7					
8					
9					
10					
11					
12					

6. Click [OK] and return to the main interface. Enter (ContentJ, (NRV%J, click [Save]. If any information in the table is no longer needed, you can delete it by clicking [Delete].

·				_
Add Element No.	Element Name	Uint	Close	Chinese cabbage
1	VB	mg	100	40
7	VC	a	30	10



- [Content]: The nutrients contained in current PLU "Chinese123", VB->100mg, are as shown below
- [NRV%]: The percentage of nutrients contained in current PLU "Chinese123", VC->10%, is as shown below.

Add	Delete	Save	Close	Chinese cabbage
Element No.	Element Name	Uint	Content	NVR%
1	VB	mg	100	40
	VC		20	10

7. Click [Save] in the above image and return to main interface. At the time, the [Nutrition] column will become "1", representing that the setting is good and that the information will be downloaded to the scale.

🔏 RTF	PLU ./rtPLU_EN.txp			1.84							
File	PLU Selection	Message	e Communic	ation Help							
1	- 🕹 🕼 🕻		3 1	🗄 🛓 📩 🏦	🐠 HotKey 🔻	•	•				
	Department	Tare	Shelf time	Package type	Package Weight	Tolerance (%)	Message 1	Message 2	Label	Discount/Schedule	Nutrition
1	21	0	15	Normal	0	0	2	0	0	0	1
2	21	0.000	15	Normal	0.000	0	0	0	0	0	0
-	21	0.0	10	Name	0.0	0	0	0	0	0	0

8. Open {Label editor}, put the nutrition label component in, and set the number of lines to be displayed as shown below. The information will be downloaded to the scale.

RTLabel					_ <b>_</b> X
File Component View Communicate Help					
Courier New 🗸 Normal 🔹 🗋 🔀 D 🗸	📩 🧙 56X40mm				
🖬 🊎 🎋 🏧 ¥ 🏗 👼 💷 🕮 🗟 🛛 🖉 🐝 %	i20 📾 🛦 🔳 🕻 🤇	õ 🚖 🚍 🤽 C	3 🖬 🎆		
Background Component					
DI IL Nomo		Set grcode	Not Set	•	PrintDirection
FLO NAME		Temporary information	ion		•]
	2	0		Left(mm)	
Nutrition name Project Content per 100g NDU%	1	14		Top (mm)	
	J		Ŧ	Size	
		0	v	Direction	
			Ŧ	Format	
		56		Row	
		2 Line	•	Column	
		CN16x16 EN8x16 Fon CN12x24 EN8x24 Fon 16x32 Font	it it		<b>^</b>



#### {Import Into PLU From Excel}

Import fixed-format file (.xls, xlsx) from Excel. The format of the file will be consistent with {PLU Export to Excel}. Although the file is .xls format, it is actually in text format, with the Tab key as a delimiter. It can also be opened in Excel.



- **(Set Imported PLU Properties):** Select the field to be imported.
- **[Excel Start/End Row]**: Set the row from which the source file starts and the row where the source file ends that are to be imported to {PLU manager}.
- **(PLU manager row)**: Set the row of {PLU manager} from which the inserted source file starts when imported to the {PLU manager}. The insertion is set to start from Row 3 as shown below.

🔏 RT	PLU C:/Use	ers/Administrator/D	)esktop/tes	t/test.xls	-	1							- 0 X
File	PLU Se	lection Message	Commu	nication	Help								
10			<b>X</b>	₫ ±	👱 🟦 🕑	HotKey 🔻		ą	•				
2	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	Department	Tare	Shelf time	Package type	Package We ^
1	0		0		0	0	kg	0	0	0	0	Normal	0
2	0		0		0	0	kg	0	0	0	0	Normal	0
3	1	Chinese cabbage	1	1	2	0.90	PCS(g)	10	21	0	15	Normal	0
4	2	Celery	2	2	2	1.40	PCS(kg)	11	21	0.000	15	Normal	0.000
5	3	Lettuce	3	3	2	4.00	PCS(oz)	12	21	0.0	15	Normal	0.0
6	4	Mao Qin	4	4	2	2.40	PCS(Ib)	13	21	0.000	15	Normal	0.000



#### {Custom Import}

Import PLU file with customized format as shown below.

Separator	Tabs   TAB 🔻
	Comma ", "
	Tabs TAB
	Semicolon ";"
	Space spcace (" ")
	No delimiter
	Customize

- **[Separator]:** Set delimiter for each column of the file to be imported. The delimiters include the following types.
  - Use the Comma | "," as a delimiter.
     1, Chinese 123,1,1,2,9,4,10,21,0,15,0,0,0,1,0,0,0,0,0,0,0,1
  - Use Tabs | TAB as a delimiter.
     1 Chinese 123 1 1 2 9 4 10 21 0 15 0 0 0 1 0 0 0 0 0 1
  - Use Semicolon | ";" as a delimiter 1;Chinese 123;1;1;2;9;4;10;21;0;15;0;0;0;1;0;0;0;0;0;0;0;1
  - Use Space | space (" ") as a delimiter

     Chinese123 1 1 2 9 4 10 21 0 15 0 0 0 1 0 0 0 0 0 0 1
     NOTE: A space is treated as a field. If there is a space in the content of the field, you cannot
     use a space as a delimiter.
  - No delimiter: If there is no delimiter, a fixed length must be set for each field. The format is as follows: 001Chinese123
     0000100000102000009000004

🖧 Data Import			×
Project Name V HotKey V Flu Name V LFCode Code Barcode Type V Unit Price Unit Weight Fixed unit Department Tare weight Shelf Time Tolerance	Position          1       •         2       •         3       •         4       •         5       •         6       •         7       •         kg       •         9       •         10       •         11       •	Length 3   37  6  7  3  7  8  7  8  4  4  4  4	Please confirm format first, save it, then import it Separator No delimiter  First line is title Multiplied By 100 when importing Nultiplied By 1000 when importing Vnit value setting
Save	Import	Exit	Read Me



• **(CustomizeJ:** Customize delimiter. When this item is selected, the following box will pop up for entering a customized character.

Separator

Customize

- [Multiply by 1000 upon unit price import] File format: 1@Chinese 123@1@1@2@9@4@10@21@0@15@0@0@0@1@0@0@0@0@0@0@1
- **(Project name):** Select whether a field is to be imported. After checked, the field will be imported.
- **(Position):** Indicate the column of the file to be imported from which the current field starts (with [Delimiter] as the delimiter of the column)
- **[Length]:** Set the length occupied by each field. This is valid only when [Delimiter] is set as "No delimiter".
- [Multiply by 100 upon import] [Multiply by 1000 upon import]: If a unit price in a file to be imported is stored in decimal form, it will be automatically divided by 100 or 1000 according to the setting of [PLU Decimal digits] of {RLS1000} >> {Preferences} >> {Common items} as shown in the image below. (When "2" is given: divide by 100; when "3" is given: divided by 1000). Accordingly, when a corresponding external file is to be imported, the unit price should be multiplied by 100 or 1000. If the external file stores the unit price in integer format, and the unit price has already been multiplied by 100 or 1000, the item won't be checked.

Common items	Weight unit name	set label scale fonts	set auto upload <u>d</u> ownl	oad time
Work director	c:/Program	n Files (x86)/RLS1000		
PLV decimal o	ligits 2			
	7			



## {Parameter Set}

This is designed for setting the hotkey mode of the current scale. The setting here will affect the display mode of {PLU} >> {Fill Hotkey Card}.

HotKey sheet type	
112HotkeyX2	🔘 56HotkeyX2(1315)
🔘 56HotkeyX2	40HotkeyX2
◎ 60HotkeyX2	
	[]



#### DESCRIPTION OF MODULE: {PLU}

			-	
PLU	Selection Mess	age Comm	{Cut}	Cut current line
	Cut	Ctrl+X	{Copy}	Copy current line
	Сору	Ctrl+C	{Paste}	Paste the copied line above the current line
	Paste Move to	Ctrl+V	{Move To}	Move the current line to specified line, and original target line will be moved down
	Insert		{Insert}	Insert a line above current line
	Delete	Ctrl+D	{Delete}	Delete current line
	Sort by Name		{Sort by Name}	PLU is sorted by PLU name
	Sort by LF Code		{Sort by LF Code}	PLU is sorted by LF code
	Sort by Code		{Sort by Code}	PLU is sorted by code
4	Fill Hotkey Card		{Fill Hotkey Card}	Hotkey editing preview
	Discount Table		{Discount Table}	Set discount information
	Nutrition table Set	1	{Nutrition Table Set}	Set the nutrition table information for selecting nutrition

### {Fill Hotkey Card}

roperty		$\square$	$\square$					$\square$	
agel	Chinese cabbage	Celery	Lettuce	Mao Qin	Scoop dishes	Lettuce	Cole	Lettuce	Parsley
Name Chinese cabbage  Vnit price 0.90	Parsley	Qinggeng vegetables	Apple	Watermelon	Papaya	Melon	Crab apples	Cherry tomatoes	Pear
Background cc	Fig	Pear	Dan Gross	Jujube	Shakya fruit	Grapefruit	Granadilla	Citrus	Buddhist music orange
Font WELCOME	Macadamia	Hazelnut	Pine nuts	Lotus seeds	Ginkgo	Chestnut	Candied	Sunflower	Dried longan
page2	White seeds	Chestnuts	Walnuts	Torreya	Cucumber	Almond	Walnut	Almonds	Pigeon
Name	Dictyophora	Fungus	Cordyceps	Mushroom	Mushroom	Coprinus	Mushrooms	Crab flavor mushrooms	Mushroom
Unit price	Striped bass	Grouper	Carp	Eel	Blackfish	Perch	Salmon	Loach	Carp
Font WELCOME	Salad oil	Sesame oil	Flour	Sesame	Red beans	Green beans	Broad bean	Rice	Huangmi
CustomizeHotKey 🗸 🗸	1 1								

- [Open]: Open \*.hotkey file
- [Save]: Save current hotkey file
- [Save as]: Save as a hotkey file
- [Import PLU hotkey]: Import hotkeys from main interface
- [Save PLU hotkey]: Save hotkey file in the table in main interface
- [Print preview]: Print preview
- [Download]: Download hotkey table
- [Upload]: Upload hotkey file



hinese abbage	Celery	Lettuce	Mao Qin	Scoop dishes	Lettuce	Cole	Lettuce	Parsley	Spinach	Chinese dish	Spinach	Cabbage	Chinese cabbage
arsley	Qinggeng vegetable	Apple	Watermel	Papaya	Melon	Crab apples	Cherry tomatoes	Pear	Cantaloup	Strawberr	Jiashi melon	Blueberry	Strawberry
ig	Pear	Dan Gros	Jujube	Shakya fruit	Grapefruit	Granadilla	Citrus	Buddhist music orange	Kiwi	Plum	Litchi	Grapes	Grapefruit
4acadam	Hazelnut	Pine nuts	Lotus seeds	Ginkgo	Chestnut	Candied	Sunflower	Dried Iongan	Pistachios	Peanuts	Jujube	Dried apricots	Grapes
White seeds	Chestnuts	Walnuts	Torreya	Cucumbei	Almond	Walnut	Almonds	Pigeon	Chicken	Duck	Lamb	Beef	Donkey
Dictyopho	Fungus	Cordycep	Mushroon	Mushroon	Coprinus	Mushroon	Crab flavc mushroom	Mushroon	Ganodern	Bisporus	Matsutake	Chaxingu	Squid
Striped pass	Grouper	Carp	Eel	Blackfish	Perch	Salmon	Loach	Carp	Grass carj	Butterfish	Saury	Mandarin	Corn
Salad oil	Sesame o	Flour	Sesame	Red bean	Green beans	Broad bean	Rice	Huangmi	Soybean meal	Peanuts	Starch	Peanut	Oat

• [Print Preview]: Printing mode can be selected. Horizontal print or vertical print.

### {Discount Table}

Set time-period discount information, 10 modes can be set (Mode1~Mode10). For details, see [Discount /Schedule] on page 29.

Discount Table			Con .	<b>—</b> ×
Period I:	10:00	Discount:	20 💌 %	
Period II:	12:00	Discount:	30 💌 %	
Period III:	13:00	Discount:	40 💌 %	
Period IV:	14:00	Discount:	50 💌 %	
Period V:	15:00 🚔	Discount:	0 🔹 %	
Model / M	lode2/\Mod	e3/\Mode	L/Mode5/Mode6/Mod	le7/Mode
		Close		



### {Nutrition Table Set}

1201.00

Set nutrition element table for [Nutrition] selection of main interface table. For details, see page 29. After the setting is completed, the "save and download" operation is needed for validating the setting.

	Nutrition name	Unit
1	VB	mg
2	VC	g
3	Calclum	mg
4	Heat	kl
5		
6		
7		
8		
9		
10		
11		
12		

#### **DESCRIPTION OF MODULE: {Selection}**

Selection Message Comm	{Select Entire Row}	Select entire row
Select entire row	{Select Block, Column}	Select entire column
Select block column	{Select All}	Check all PLU rows
Select All	{Fill}	Fill the value of selected column
	{Clear}	Clear the value of selected row or column
Fill	{Generate Hotkey}	Batch generation of hotkey
Clear	{Generate LF Code}	Batch generation of fresh code
Generate hotkey	{Generate Code}	Batch generation of commodity number
Generate LF Code	{Generate Message ID}	Batch generation of Message ID
Generate Code		
Generate Message ID		



## {Fill}

Using the filling of barcode type as an example, the operation steps are as follows:

1. Enter barcode type 2 at the beginning of the column to be filled.

File	PLU Se	lection Message	Commu	nication	Help								
2			3 2	a 🛓	👱 🚖 🕑	HotKey 🔻	]		•				
	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	Department	Tare	Shelf time	Package type	Package We
1	1	Chinese cabbage	1	1	2	0.90	kg	0	21	0.000	15	Normal	0.000
2	2	Celery	2	2	0	1.40	kg	0	21	0.000	15	Normal	0.000
3	3	Lettuce	3	3	0	4.00	kg	0	21	0.000	15	Normal	0.000
4	4	Mao Qin	4	4	0	2.40	kg	0	21	0.000	15	Normal	0.000
5	5	Scoop dishes	5	5	0	0.50	kg	0	21	0.000	15	Normal	0.000
6	6	Lettuce	6	6	0	3.60	kg	0	21	0.000	15	Normal	0.000
7	7	Cole	7	7	0	2.10	kg	0	21	0.000	15	Normal	0.000
8	8	Lettuce	8	8	0	2.30	kg	0	21	0.000	15	Normal	0.000
9	9	Parsley	9	9	0	1.70	kg	0	21	0.000	15	Normal	0.000

2. Select the column.

Click {Selection} >> {Select block,column}, or directly drag mouse down to the position to be filled on the column.

3. Then click {Fill}. The selected column will be automatically filled with "2".

2		1	<b>X</b>	<b>a</b> ↓	👱 🟦 🍥	HotKey 🔻	]	2	-
	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	Departm
1	1	Chinese cabbage	1	1	2	0.90	kg	0	21
2	2	Celery	2	2	0	1.40	kg	0	21
3	3	Lettuce	3	3	0	4.00	kg	0	21
4	4	Mao Qin	4	4	0	2.40	kg	0	21
5	5	Scoop dishes	5	5	0	0.50	kg	0	21
6	6	Lettuce	6	6	0	3.60	kg	0	21
7	7	Cole	7	7	0	2.10	kg	0	21
8	8	Lettuce	8	8	0	2.30	kg	0	21
9	9	Parsley	9	9	0	1.70	kg	0	21
						20000			



1			8	<b>a</b> 🕹	👱 🟦 🕑	HotKey 🔻	]	ε.	•
	Hotkey	PLU name	LF Code	Code	Barcode type	Unit Price	Weight	Quantity type	Departm
1	1	Chinese cabbage	1	1	2	0.90	kg	0	21
2	2	Celery	2	2	2	1.40	kg	0	21
3	3	Lettuce	3	3	2	4.00	kg	0	21
4	4	Mao Qin	4	4	2	2.40	kg	0	21
5	5	Scoop dishes	5	5	2	0.50	kg	0	21
6	6	Lettuce	6	6	2	3.60	kg	0	21
7	7	Cole	7	7	2	2.10	kg	0	21
8	8	Lettuce	8	8	2	2.30	kg	0	21
9	9	Parsley	9	9	2	1.70	kg	0	21



## {Generate Hotkey}

The operation is as follows:

- 1. Input "1" at the beginning of the [HotKey] column.
- 2. Select column.
- 3. Click {Selection} >> {Select block, column}, or directly drag mouse down to the position to be filled on the column.

4. Then click {Generate hotkey}, the selected column will automatically generate hotkeys in order.

File	PLU Se	lection Message	Commu	nication	File	PLU Se	lection Message	Commu	nicati
1	<b>4</b>	1	<b>X</b>	3	1	<b>4</b>		<b>X</b>	9
	Hotkey	PLU name	LF Code	Code		Hotkey	PLU name	LF Code	Cod
1	1	Chinese cabbage	1	1	1	1	Chinese cabbage	1	1
2	0	Celery	2	2	2	0	Celery	2	2
3	0	Lettuce	3	3	3	0	Lettuce	3	3
4	0	Mao Qin	4	4	4	0	Mao Qin	4	4
5	0	Scoop dishes	5	5	5	0	Scoop dishes	5	5
6	0	Lettuce	6	6	6	0	Lettuce	6	6
7	0	Cole	7	7	7	0	Cole	7	7
8	0	Lettuce	8	8	8	0	Lettuce	8	8
9	0	Parsley	9	9	9	0	Parsley	9	9
10	0	Spinach	10	10	10	0	Spinach	10	10
11	0	Chinese dish	11	11	11	0	Chinese dish	11	11
12	0	Spinach	12	12	12	0	Spinach	12	12
13	0	Cabbage	13	13	13	0	Cabbage	13	13
14	0	Chinese cabbage	14	14	14	0	Chinese cabbage	14	14
15	0	Parsley	15	15	15	0	Parsley	15	15
16	0	Qinggeng vege	16	16	16	0	Qinggeng vege	16	16
17	0	Apple	17	17	17	0	Apple	17	17

File	PLU Se	lection Message	Commu	nicatio
1		1	3	٩
	Hotkey	PLU name	LF Code	Cod
1	1	Chinese cabbage	1	1
2	2	Celery	2	2
3	3	Lettuce	3	3
4	4	Mao Qin	4	4
5	5	Scoop dishes	5	5
6	6	Lettuce	6	6
7	7	Cole	7	7
8	8	Lettuce	8	8
9	9	Parsley	9	9
10	10	Spinach	10	10
11	11	Chinese dish	11	11
12	12	Spinach	12	12
13	13	Cabbage	13	13
14	14	Chinese cabbage	14	14
15	15	Parsley	15	15
16	16	Qinggeng vege	16	16
17	17	Apple	17	17

## {Generate LF Code}

The method is the same as used for {Generate Hotkey}

### {Generate Code}

The method is the same as used for {Generate Hotkey}

### {Generate Message ID}

The method is the same as used for {Generate Hotkey}

AVAWEIGH

#### **DESCRIPTION OF MODULE:** {Message}

Message Communication	{Message}	Set the display information of label components [Header] and [Bottom], and the welcome message of screen
Edit Message	{Edit Message}	Edit information for Message1 and Message2

#### {Message}

Set the display information of label components [header] and [bottom], and the welcome message on the screen.:

1. After setting the above and downloading, the following subtitles will be displayed on the screen:

Head	
welcome to the label scale	
Bottom	
Thanks for your patronage	
[	



2. Put the [head] [bottom] component in the {Label editor} and download the information.

RTLabel	and the second
File Component View Communicate Help	
Courier New 🔹 🔹 Normal 🔹 📄 🖬 🔟 🔹 🚖 56X.	40mm
	🖷 🚰 🏠 🕲 🖷 🧱
Background Component	
Head	
	Not Set
PLU Name	Nane
	4.125 Left (m
X.XX/kg	6 Top (mm
12345kg	
	Welcome to the label scale
	Colory
	Cerery
	1 10/1
Bottom	1.40/kg
	0.0041
	0. 204kg
	and the second se
3 The print effect is as follows:	the second s
	and the second
	Thanks for your patronage



### {Edit Message}

Set all the information of [Message1] and [Message2]

- [Export]: Export information file.
- [Import]: Import information file.
- [OK]: Save current settings.

	1	2	3	4	5	6
Line 1	aaaa	this a cabbage 1				
Line 2	bbbb	this a cabbage 2				
Line 3						
Line 4						

Double click the incoming information on the [Message 1] of main interface to display only a column of the information, corresponding to the above image. As shown in the following image, column [2] of Message 1 corresponds to column [2] of the above image.

me	Pac	kage type	Package Weight	Tolerance (%)	Message 1	Message 2	Label	Discount/Schedule	Nutritio
	Nor	mal	0.000	0	2	0	0	0	0
	Nor	mal	0.000	0	0	0	0		0
Ê	Inpu	t Message		-	2	-	-16		0
Li	ne 1	this a cabba	age 1		2				0
Li	ine 2	this a cabba	age 2						0
Li	ine 3								0
1.	ine 4								0
									0
LI	ne 5								0

After the information is set, click the toolbar to download information.

AVAWEIGH

### **DESCRIPTION OF MODULE: {Communication}**

Communication Help	{Download PLU}	Download PLU
2 Download PLU	{Update PLU}	Update PLU
Update PLU	{Upload PLU}	Pload PLU information
Upload PLU		

## {Download PLU}

D

When clicking and downloading a commodity, the following options will pop up. Then you can make selection based on your needs.

• (PLUJ: Download PLU-related information

INOrmai

- [Info]: Download advertising-related information
- [Message]: Download message-related information
- [Rebate]: Download PLU discount-related information
- **[HotKey]:** Download hotkey-related information
- [Nutrition]: Download nutrition component-related information

🔏 Select Download Options		x
Select		a l
🔽 PLU		
🔽 Info		
🔽 Message		
🔽 Schedule		
🔽 HotKey		
🔲 Nutrition		
🖾 All select		
ОК	Cancel	

#### {Update PLU}

Updates commodities. Only the information on existing commodities is updated here. The commodities on the scale will not be cleared before downloading.

#### {Upload PLU}

Uploads commodities from the scale. When uploading, a new file will be created before uploading.



# **APPENDIX**

## **BARCODE CODING TABLE**

Barcode Type	Department	ltem #	Total Price	Weight	Check Sum			
00~09: Ean13code, the first two code are department code:								
00	DD (2)	(10)	Х	Х	С			
01	DD (2)	(6)	PPPP (4)	Х	С			
02	DD (2)	(5)	PPPPP (5)         X		С			
03	DD (2)	(4)	PPPPPP (6)	Х	С			
04	DD (2)	(3)	PPPPPPP (7)	Х	С			
05	DD (2)	(6)	Х	W.WWW (4)	С			
06	DD (2)	(6)	Х	WW.WW (4)	С			
07	DD (2)	(5)	Х	WW.WWW (5)	С			
08	DD (2)	(5)	Х	WWWW.W (5)	С			
09	DD (2)	(5)	Х	WWWWW (5)	С			
	10~19:	Ean13code,the fi	rst two code are fi	x code:				
10	20 (2)	(10)	Х	Х	С			
11	21 (2)	(6)	PPPP (4)	Х	С			
12	22 (2)	(5)	PPPPP (5)	Х	С			
13	23 (2)	(4)	PPPPPP (6)	Х	С			
14	24 (2)	(3)	PPPPPPP (7)	Х	С			
15	25 (2)	(6)	Х	W.WWW (4)	С			
16	26 (2)	(6)	Х	WW.WW (4)	С			
17	27 (2)	(5)	Х	WW.WWW (5)	С			
18	28 (2)	(5)	Х	WWWW.W (5)	С			
19	29 (2)	(5)	Х	WWWWW (5)	С			
20: Without barcode								
21~29: Ean13code,the first code is department code:								
21	D (1)	(7)	PPPP (4)	Х	С			
22	D (1)	(6)	PPPPP (5)	Х	С			
23	D (1)	(5)	PPPPPP (6)	Х	С			
24	D (1)	(4)	PPPPPPP (7)	Х	С			
25	D (1)	(7)	Х	W.WWW (4)	С			
26	D (1)	(7)	Х	WW.WW (4)	С			
27	D (1)	(6)	Х	WW.WWW (5)	С			
28	D (1)	(6)	Х	WWWW.W (5)	С			
29	D (1)	(6)	Х	WWWWW (5)	С			
30~35,40~45: 18code, the first code is department code								
30 & 33	D (1)	(6)	PPPPP (5)	WW.WWW (5)	С			
31 & 34	D (1)	(6)	PPPPP (5)	WWWW.W (5)	С			
32 & 35	D (1)	(6)	PPPPP (5)	WWWWW (5)	С			



Barcode Type	Department	Item #	ł	Total P	rice	We	eight		Check	c Sum
		39,	46~4	9: 18code						
39	DD (2)	(6)		PPPPP (5)		WWWWW (5)		(5)		
46	DD (2)	(6)		PPPPP (5)		WWWWW (5)		(5)		
47	DD (2)	(6)		PPPPP (5)		WWW	WWWWW (5)			
48	DD (2)	(6)	(6)		PPPPP (5)		WWWWW (5)			
49	DD (2)	(6)	)	PPPPP (5)		WWW	WWWWW (5)			
50~55: 8code										
50	Х	(7	)	X			Х		С	
51	D (1)	(6)	)	X			Х		С	
52	DD (2)	(5)		X			X		С	
53	Х	8)	3)	X			Х		Х	
54	D (1)	(7	(7)		X		X		Х	
55	DD (2)	(6)	)	X			Х		>	(
Barcode Type	Department	LF Cod	e	Batch Nu	mber	Disc	count	:	Wei	ght
36-38: 18code, t	he first code is de	epartment coo	de, sp	ecialized for	the L	F code ar	nd bat	tch code	mana	gement
36	D (1)	LLLLLL (	(6)	BBBB	(4)	RF	R (2)	W	WW.WWW (5)	
37	D (1)	LLLLLL (	LLLLLL (6)		BBBB (4)		RR (2)		WWWW.W (5)	
38	D (1)		(6)	BBBB	BBBB (4)		RR (2) V		WWWWW (5)	
Barcode Type	Department	LF Code	D	iscount	Bat Num	tch nber	Wei	ight		heck Sum
	66~68, 18code, s	pecialized for	r the L	F code and	batch	code ma	nagei	ment		
66	D (1)	LLLLL (5)	В	BBB (4)	3B (4) RR (2)		) WW.WWW (5)			С
67	D (1)	LLLLL (5)	В	BBBB (4) RR (2		(2) W	<u>)</u> WWWW.W (5			С
68	D (1)	LLLLL (5)	В	BBB (4)	4) RR (2) WWWWW		WW (5)	(5) C		
Barcode Type	Department	Item Num	nber	Total/Un	it Pric	e	Weig	ght	Che	ck Sum
		60~65, ISB	N cod	le, one of 18	3 code	:				
60	D (1)	(6)	)	PPPP	P (5)	WV	WW.WWW (5)			С
61	D (1)	(6)	)	PPPPP (5)		WWWW.W		V.W (5)		С
62	D (1)	(6)	)	PPPPP (5)		wwwww		VW (5)		С
63	D (1)	(6)	)	UUUUU (5)		WW.WWW		VW (5)		С
64	D (1)	(6)	)	UUUUU (5)		WV	WWWW.W (			С
65	D (1)	(6)	(6) UUUUU (5)		WV	WWWWW (5)			С	
Barcode Type	Department	Item Numbe	r Q	uantity/We	eight	Total Pr	ice	Unit P	rice	Check Sum
	90~95: 18	Bcode, the fir	st two	o codes are	depart	ment coo	le:			
90	DD (2)	(6)	(6) WW.WWW (5)		U		UUUL	J (4)	С	
91	DD (2)	(6)	WWWW.W (5)				UUUL	UUU (4) C		
92	DD (2)	(6)	\	WWWWW (5)		/WWW (5)		υυυι	JUU (4) C	
93	D (1)	(6)				PPP.PP	(5)	UUU.U	U (5)	С
94	DD (2)	(5)	\	NWWW.W	(5)	PPP.PP (5)				С
95	DD (2)	(6)	\	WWWWW (5)				UUUU (4)		С



#### Letter meaning in the form are as follows:

- C: CHECKSUM
- D: Name of department.
- 2: Fixed No."2"
- I:Code
- L: LF code
- P: Total price
- U: Unit price
- R: Discount
- W: Weight
- X: NA
- Ean13 code= DEPARTMENT+ CODE+ [TOTAL PRICE]+[WEIGHT]+C
  - Among them: The item with [] indicates the type of barcode, which may not be included in this barcode
  - For Ean13 code, if barcode shows price, barcode type often chooses 2 or 22. If the barcode shows weight, barcode type often chooses 7 or 27
- CHECKSUM is calculated automatically by the scale, so you don't need to use the PLU manager
- The difference between 30-32 and 33-35 format is calculation method of CHECKSUM
- The difference between 40-45 and 30-35 format is in 30-35, price is total price, but in 40-45, price is unit price
- 36-38, 66-68 barcode types can be used for fresh batch management (batch number written with code field, PLU number written in LF code field. 60-65 are ISBN codes).

#### The calculation method of check code Z in EAN13 code:

- 1. (even digits sum\*3) + odd digits, sum+Z = 10 multiple
- 2. (barcode type: 30-32, 40-42)

#### Two calculation methods of check code Z in EAN18 code:

- 1. The same as EAN13 code
- 2. (add digits sum<sup>\*</sup>3) + even digits sum + Z = 10 multiple, (barcode type: 33-35, 43-45)



# FRESH COMMODITIES BATCH MANAGEMENT

#### The advantages of fresh batch management:

Tracking fresh commodities for each batch, checking stock of each batch alone, using different discounts based on different storage time within a quality guarantee period, getting a warning when commodities are about to expire

#### The base process of fresh commodities batch management is as follows:

Generate a batch number for fresh commodities with batch management. Format: Year (1) + which week (2) + which day in a week (1), and total four digits. Print out commodity name, number, batch number, and add it to the batch so the packing person can recognize the commodity. The label printing scale can perform the batch management function. This method allows you to add three kinds of barcode types. The three kinds of barcode types are as follows:

Barcode Type	Department	LF Code	Batch Number	Discount	Weight	Check Sum			
36-38: 18 code, front code is department code, unique for fresh batch management									
36	D (1)	LLLLLL (6)	BBBB (4)	RR (2)	WW.WWW (5)				
37	D (1)	LLLLLL (6)	BBBB (4)	RR (2)	WWWW.W (5)				
38	D (1)	LLLLLL (6)	BBBB (4)	RR (2)	WWWWW (5)				
66~68: 18 code, unique for fresh batch management									
66	D (1)	LLLLL (5)	BBBB (4)	RR (2)	WW.WWW (5)	С			
67	D (1)	LLLLL (5)	BBBB (4)	RR (2)	WWWW.W (5)	С			
68	D (1)	LLLLL (5)	BBBB (4)	RR (2)	WWWWW (5)	С			

#### Letter meaning in the form are as follows:

- D: Department No.
- P: Total price
- I: PLU No.
- R: Discount
- L: LF code
- W: Weight

#### NOTE:

- 1. LF code corresponds to a commodity code in backstage management system. The PLU number is corresponding to a batch number in the backstage management system
- 2. Batch management is for commodity packing backstage, not real-time selling.
- 3. Here's how to distinguish batch vs. nonbatch commodities:
  - Set different department numbers. For example: the department number of a commodity without batch management is 2, and with batch management is 3
  - Because the position and length of LF code in two kinds of 18 code is the same, decode the LF code first, and then distinguish the batch commodity. Using this method, enter the PLU, and the screen will display the input batch number. Input the four-digit code, enter in weight, and click "Ok".

