



TOTAL WEIGHING SOLUTION™

Label Printing Scale

User Manual

# CL8000

## Series

User is responsible for any anomalies arising from using the product without reading this guide.



# CAS

**Thank you for your purchase.**

For the proper using & maintaining the scale please read this instruction completely before operating.

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**GENERAL****1.1. PRECAUTION****Warning**

Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

	<p>Do not disassemble the scale.</p> <p>When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.</p>
	<p>Do not overload beyond the maximum weight limit.</p>
	<p>Scale must be grounded to minimize electricity static.</p> <p>This will minimize defect or electric shock.</p>
	<p>Do not pull the plug by its cord when unplugging.</p> <p>Damaged cord could cause electric shock or fire.</p>
	<p>To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.</p>
	<p>To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.</p>
	<p>Avoid placing the scale near heater or in direct sunlight.</p>



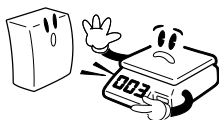
Insert plug firmly to wall outlet to prevent electric shock.



## Attention

Make sure to plug your scale into the proper power outlet.

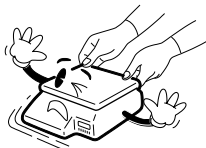
For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.



For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.



Avoid sudden shock to the scale.



Grab on the bottom of the scale when moving.



Keep the scale away from other electromagnetic generating devices.

This may interfere with accurate reading.



Place the scale on firm and temperature consistent environment.



By adjusting 4 comers of the scale, set the scale even using the built in scale leveling indicator.

## 1.2. INTRODUCTION

Thank you for purchasing CAS CL8000 series.

CL8000 is a PC-based price computing electronic scale. We have integrated intuitive and powerful functionalities in its design to address the needs of users in various applications, and we are confident that CL8000 will make operating your business easier. Remember, for proper installation and maintenance please have your CAS authorized dealer do the primary installation, programming, and demonstration. Your CAS authorized dealer also has a wide variety of supplies, accessories, and expansion options for whatever your new and increasing demands may require. Authorized CAS dealers are trained to help you with every aspect of the CL8000 series and should you need servicing, they are highly trained by CAS to assist you with virtually any problem.

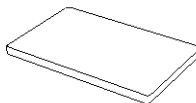
### • Included Accessories



**Power Cable**



**Installation Guide**



**Load Tray**



**GND Wire**

## 1.3. SPECIFICATIONS

Max. Capacity	3/6 kg	6/15 kg	15/30 kg
Interval	1/2 g	2/5 g	5/10 g
Max. Tare	-2.999 kg	-5.998kg	-9.995 kg
A/D Conversion Rate	Approx. 8 times / s		
Measurement Type	Load cell		
Operating Temp.	-10°C ~ 40°C (14°F ~ 104°F)		
Power	AC 100~240V 50/60Hz 1.5A		
Printing Rate	Max. 150 mm/sec		
Printing Resolution	202 dpi		
Label Size	Width: 40 mm ~ 60 mm / Length: 30 mm ~ 200 mm		
Printer Type	Direct thermal print		

### • System

CPU	Intel® Celeron™ J1900 (2.0 GHz) Quad-Core Processor / Fanless (Standard)
Chipset	Intel® Bay Trail
Storage	<b>PCA, PCB type</b> : SATA 2 (3Gb/s) 2.5 inch SSD 64GB, Support AHCI <b>B, U, SU type</b> : mSATA SSD 64GB
System Memory	4GB Standard (Type: DDR3L, Socket 1 x SODIMM)
Graphics	Integrated Intel HD Graphics
Sound	Realtek ALC662-VD 5.1 CH Audio

### • Display

Size/Type	<b>PCA, PCB type</b> : 15" TFT LED backlight, 9.7" TFT LED backlight <b>B, U, SU type</b> : 10.1" TFT LED Backlight, 7" TFT LED Backlight
Resolution	<b>PCA, PCB type</b> : 1,024 x 768 <b>B, U, SU type</b> : 1,024 x 600
Brightness	<b>PCA, PCB type</b> : 300 cd/m <sup>2</sup> (typ.) <b>B, U, SU type</b> : 10.1" = 180 cd/m <sup>2</sup> (typ.), 7" = 350 cd/m <sup>2</sup> (typ.)

## • Touchscreen

Type	Projective capacitive touch
Interface	USB

## • I/O Interface – PCA type

Video Out	1 x VGA (with 12V power output)
USB Port	6 (Rear 2, Back 4 / USB 2.0 x 6 Ports)
Serial Ports	5 (COM1 with 5V/12V Power Output on 9 Pins, BIOS)
	(COM2 ~ 3 RJ-45, full signal)
	(COM4 RJ-11, Only TX/RX, 12V power output)
	(COM5 Reserved)
	(COM6 RJ-45, Only TX/RX, 5V Power Output)
LAN	1 x gigabit ethernet, RJ-45
Audio Out	Line-out
Power	AC 100~240V 50/60Hz 1.5A
OS	Windows 10

## • I/O Interface – B, U, SU type

USB Ports	6 (USB 3.0 x 1 / USB 2.0 x 5)
Parallel Ports	2(COM1, COM4 full signal)
	1(COM 3 with 5V/12V power output on 9 pins, factory setting)
LAN	1 x 100 Megabit ethernet, RJ-45
Audio Out	Line-in, Line-out
Power	AC 100~240V 50/60Hz 1.5A
OS	Windows 10

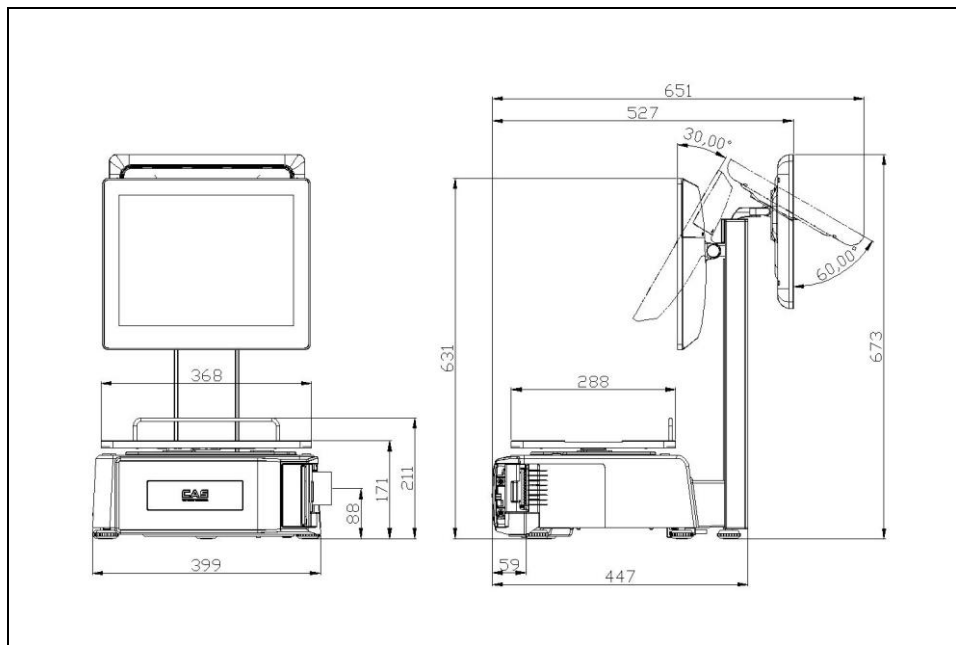
## • Instrument & Environment

Color	Dark gray
Load Tray Size	368 x 288 (mm)
Dimensions	<b>PCA, PCB type</b> : 399(W) x 447 (D) x 631(H)(mm) <b>B-Type</b> : 399(W) x 450(D) x 171(H)(mm) <b>U-Type</b> : 399(W) x 485(D) x 578(H)(mm) <b>SU-Type</b> : 399(W) x 485(D) x 292(H)(mm) * Height: excluding rear LCD

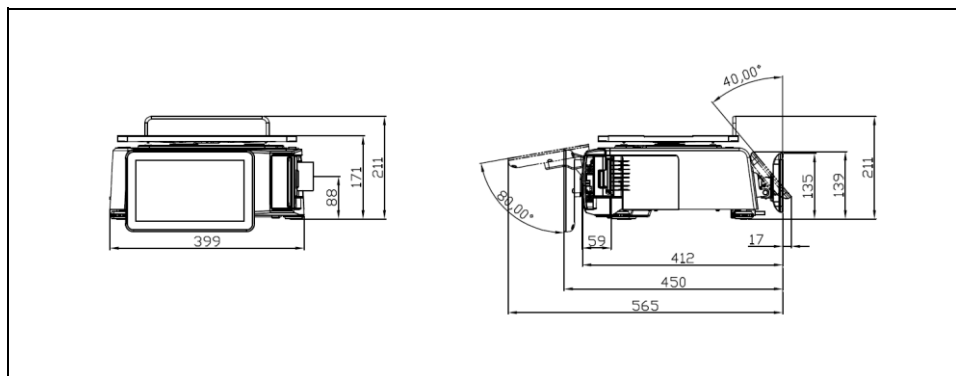
Note: Some of the specifications may change without prior notice.

## 1.4. DIMENSIONS

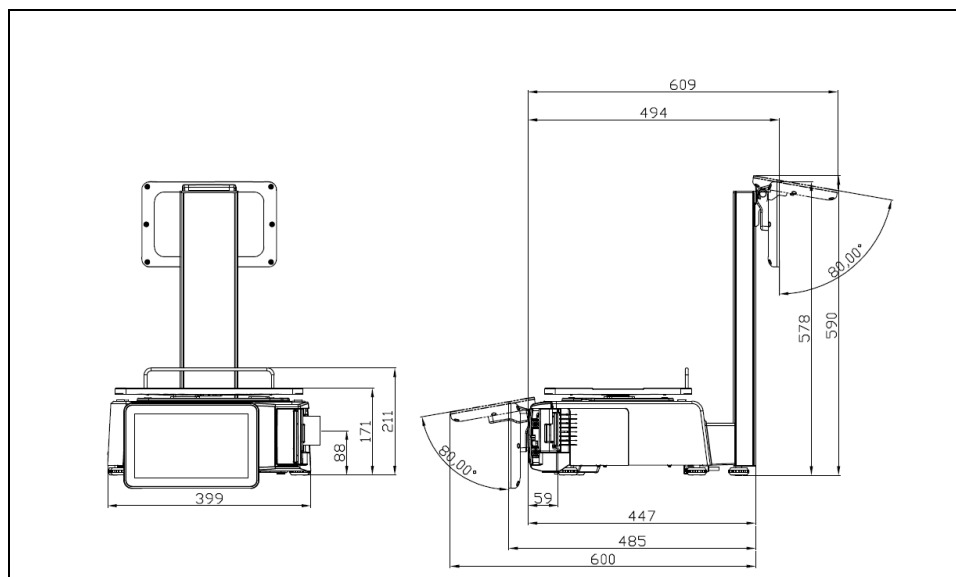
### • PCA type



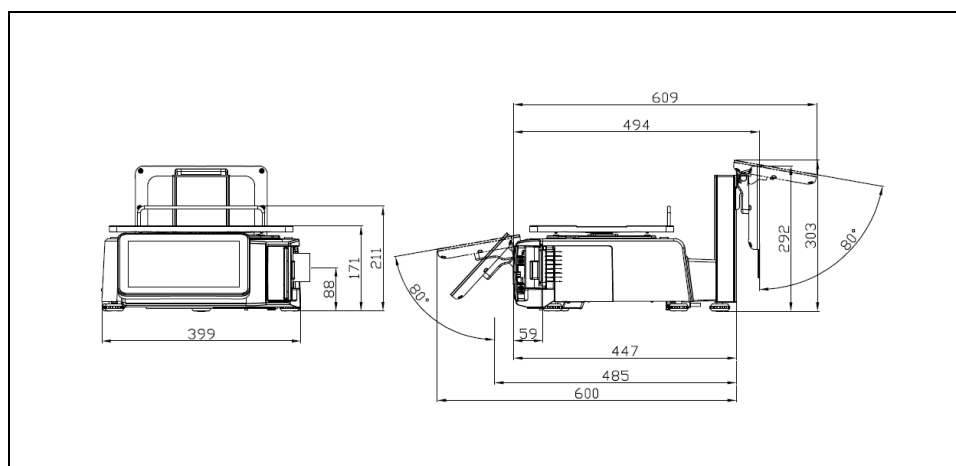
### • B type



• U type



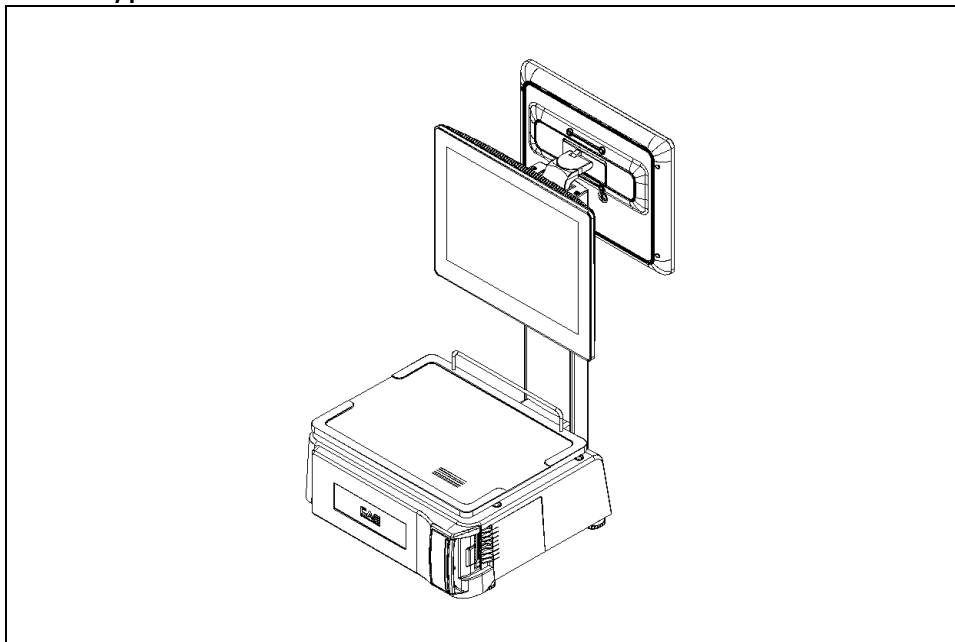
• SU type



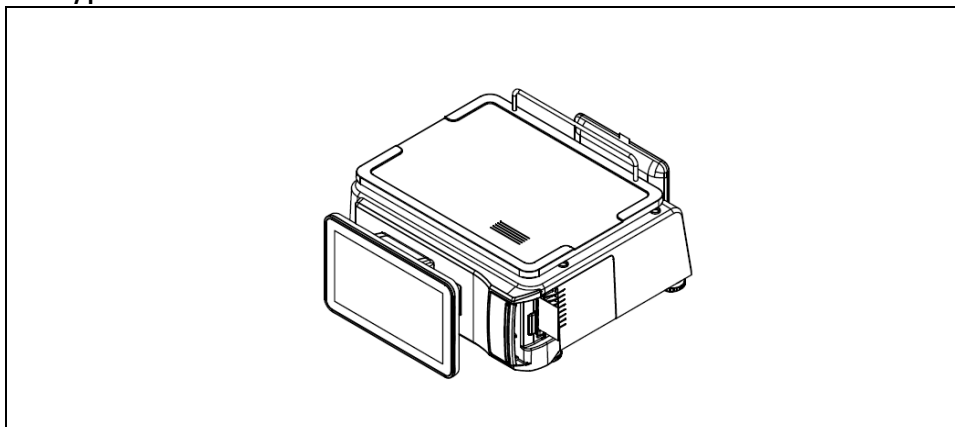
## **1.5. SETUP**

### **1.5.1. Basic Setup**

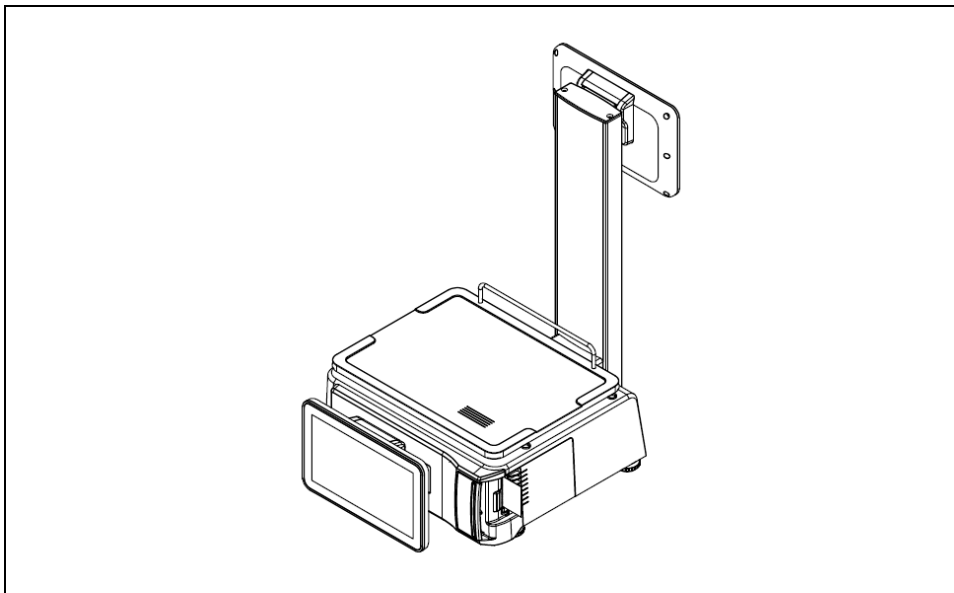
#### **• PCA type**



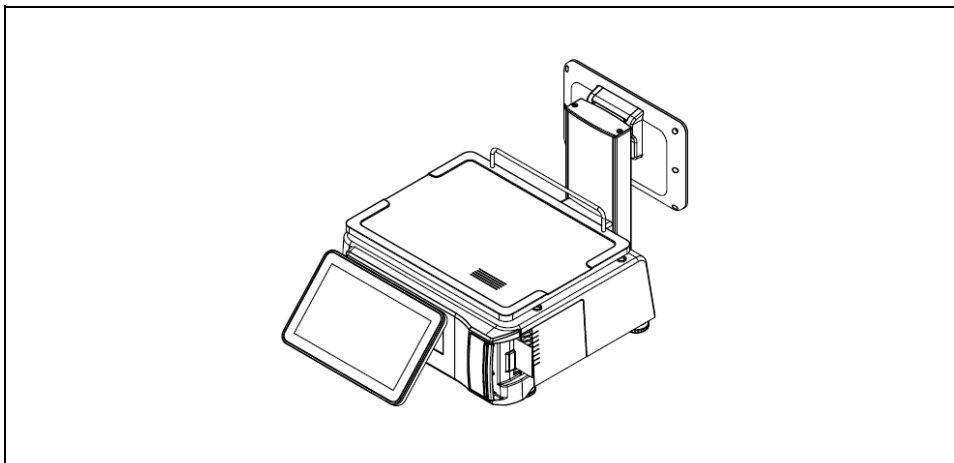
#### **• B type**



- U type

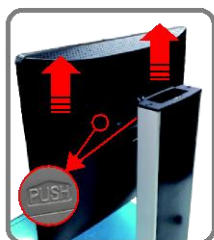


- SU type



## 1.5.2. Rear Display Assembly

### • PCA type



1. Unmount rear cover of the main display.



2. Insert the rear display in the arrow's direction (make sure the cables are inserted first).



3. Run the rear display cable through the opening.



4. Connect the rear display cable.



5. Reassemble the rear cover, then make sure no cables are stuck under the rear cover.

### 1.5.3. Installation of the Label Roll

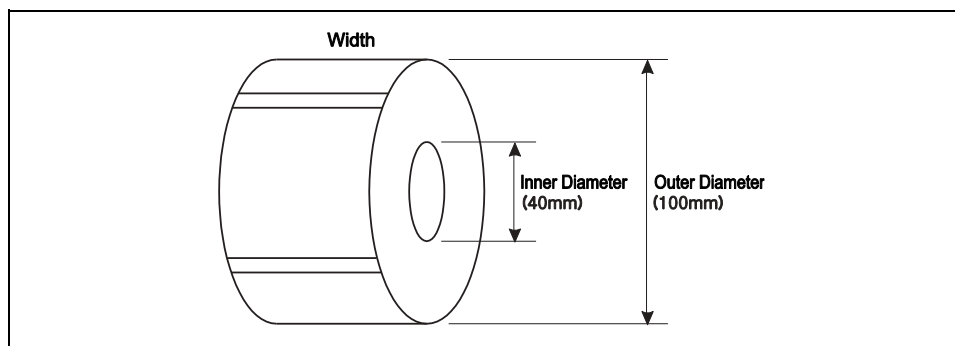
#### • Label Specifications

Outer Diameter: 100mm

Inner Diameter: 40mm

Receipt Roll Width: 40, 50, 60mm

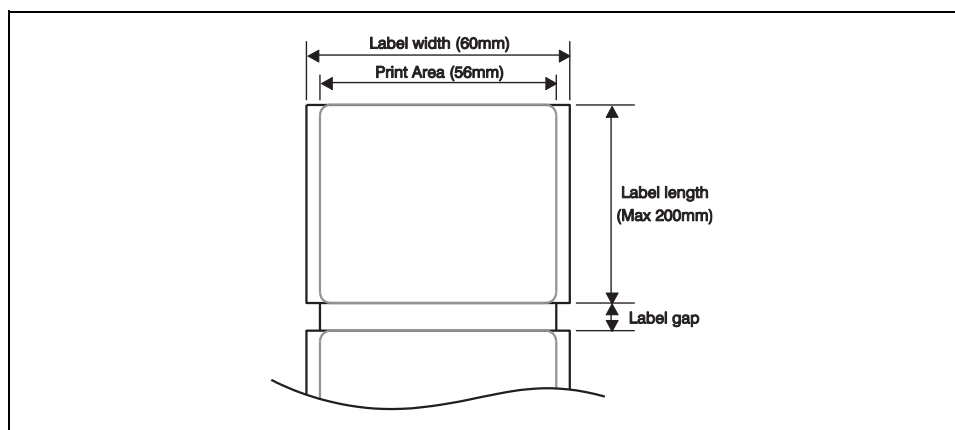
Label Roll Width: 64mm (max.)



#### • Printable Area

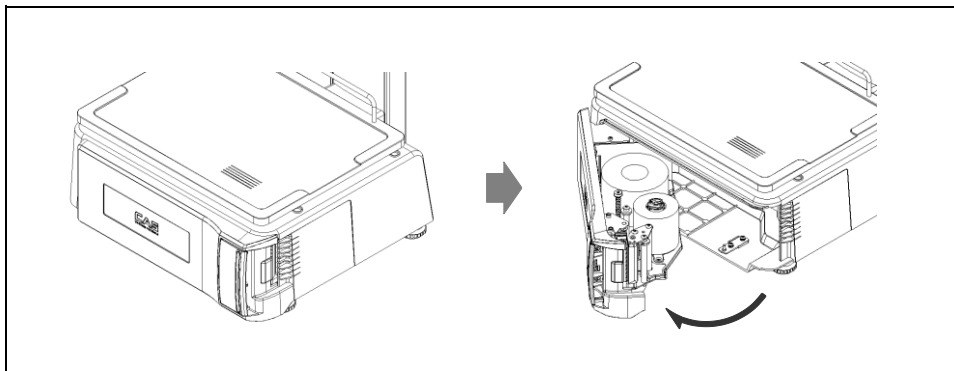
Label Width: 56mm (max.)

Label Length: 200m (max.)

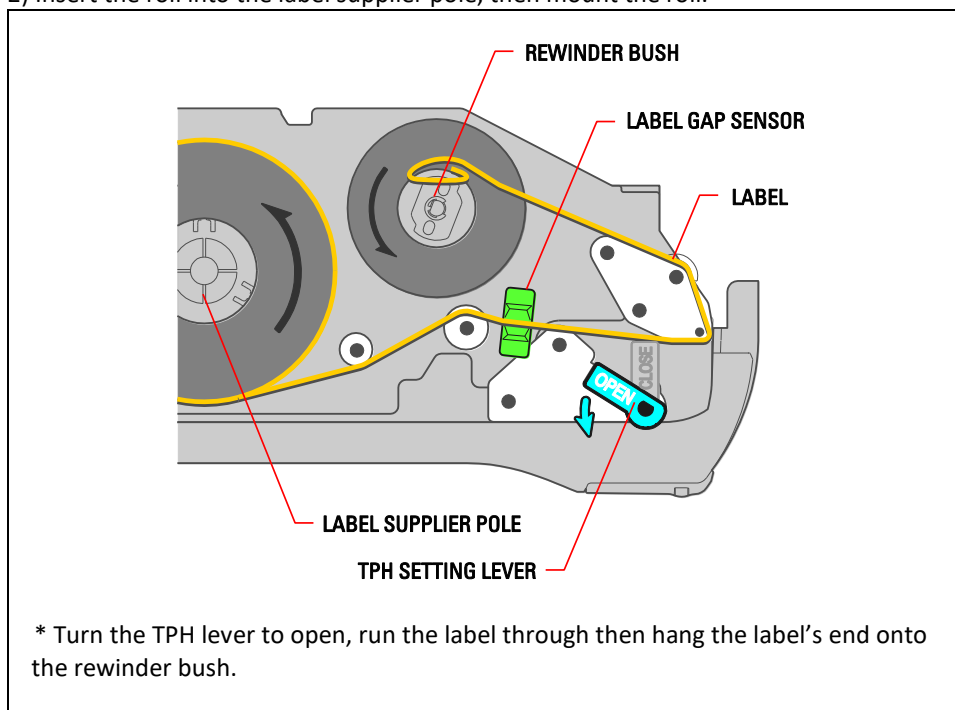


- Please install the label roll in the following order:

1) Pull the front handle to open the front door.

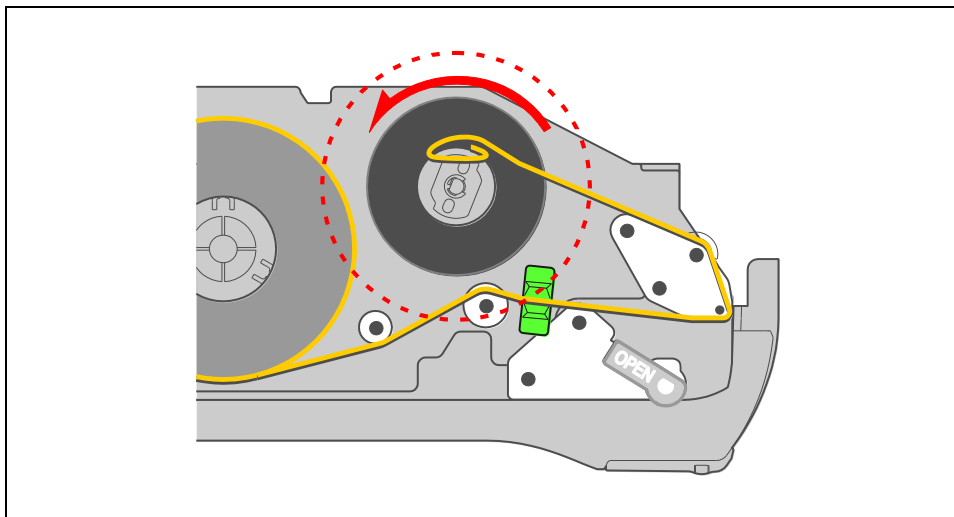


2) Insert the roll into the label supplier pole, then mount the roll.

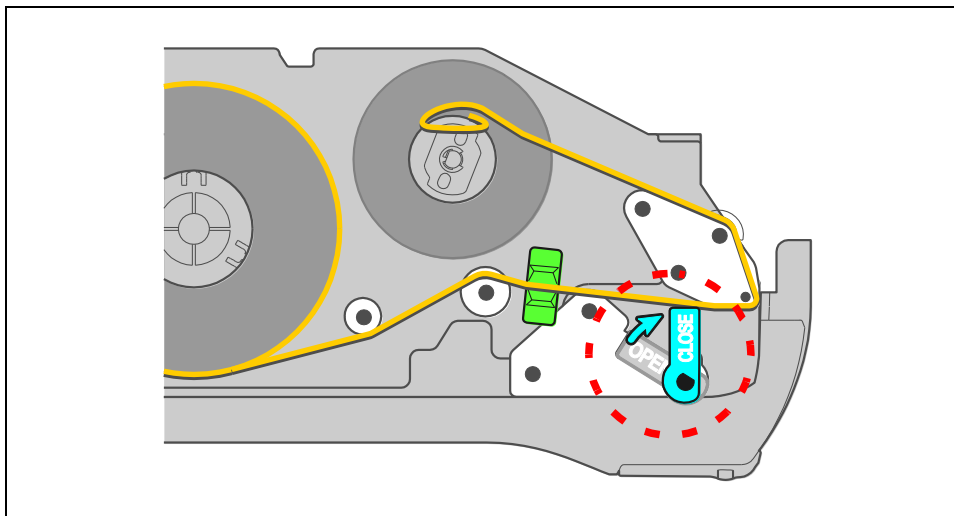


\* Turn the TPH lever to open, run the label through then hang the label's end onto the rewinder bush.

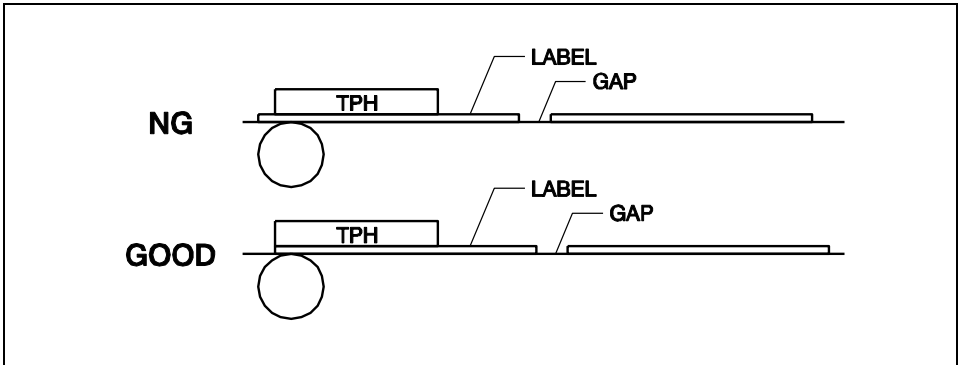
3) Hang the label's end onto the rewinder bush, then rotate the level to tighten the label.



4) Return TPH setting lever to its original position then close the door.



5) Adjust the label (see below), then pull the TPH down.



6) Press “Feed” Key.

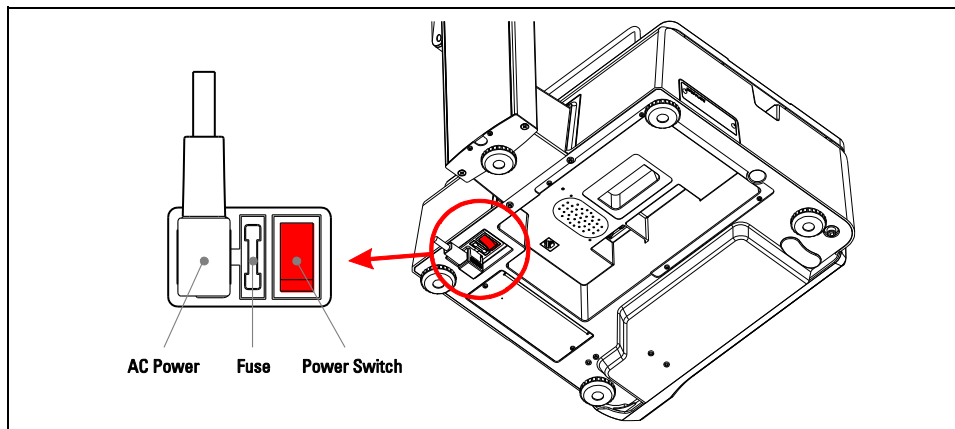
● If the label is out of position, please check the following:

- a. Set the label size
- b. Adjust the roll position
- c. Set the sensor

### 1.5.4. Power On/Off

#### 1) Booting

1. Turn on the switch on the lower side of the scale.



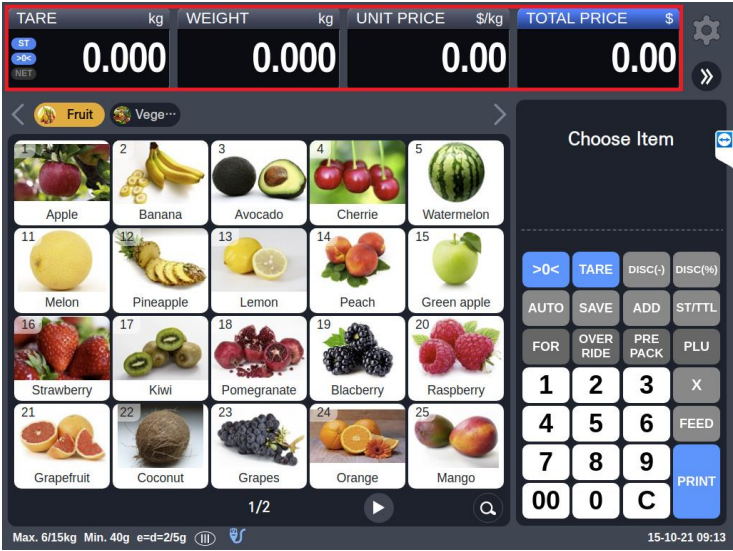
2. Press the monitor's power button as in the picture below.

\* Power button is on the bottom right corner of the monitor.

#### • PCA type



3. Check to see if the windows have booted up normally.



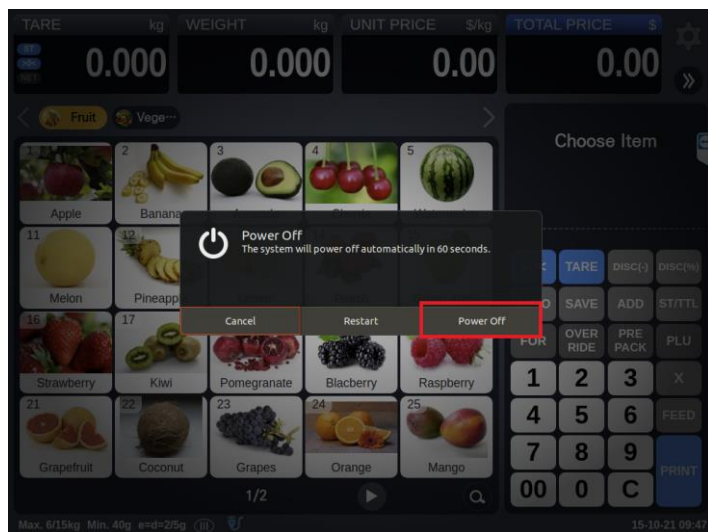
Once booted normally, the windows display “Tare/Weight/Unit Price/Price” on the upper side of the screen.

## 2) Shutting Down

It is recommended that the windows is shut down from the O/S menu for system stability.

Please close all applications before shutting down the windows.

- ① Press monitor's power button
- ② Click "Power Off" to shut down.



## 2. SALES OPERATION

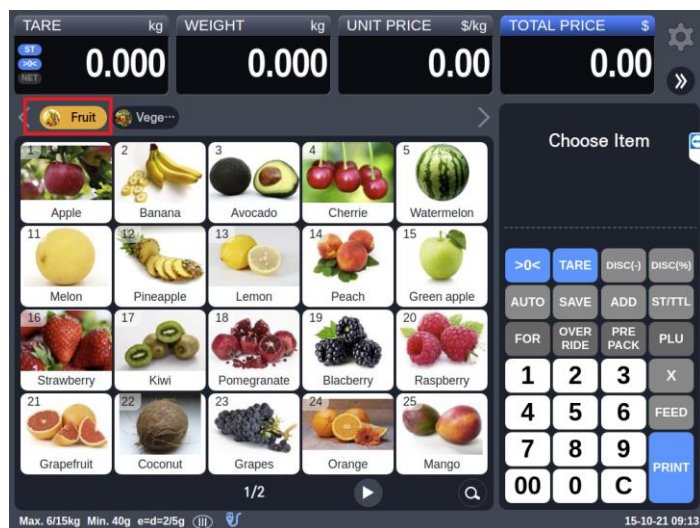
### 2.1. STANDARD SALES OPERATION

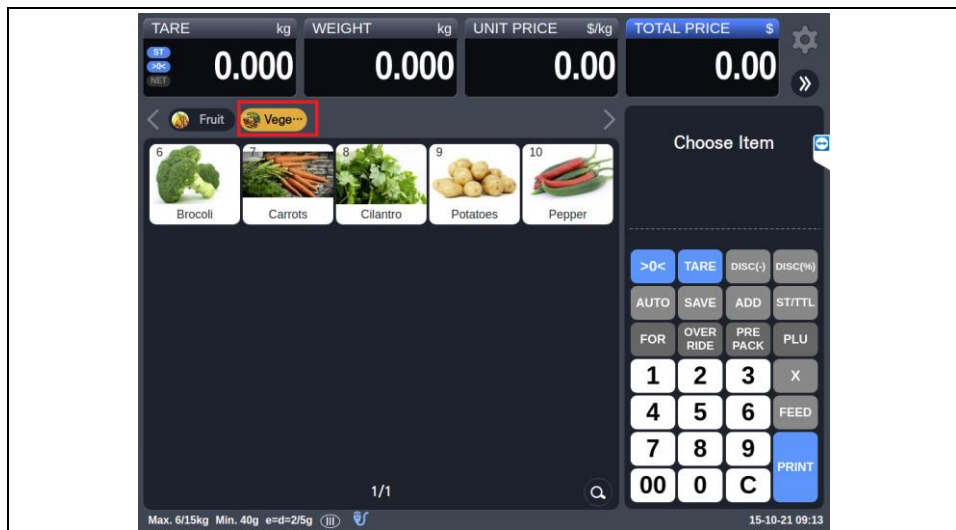
#### 2.1.1. Sales operation - General type

- Sales operation in the case of 'General type' keypad layout
- Refer <3.6.4.1> Keypad Layout Type

##### 2.1.1.1. Selling Weighed Products

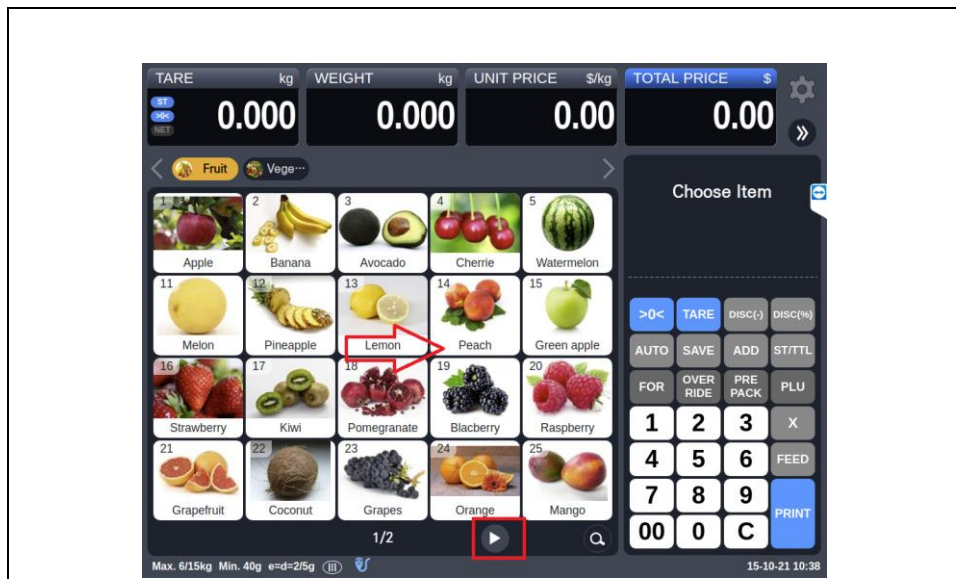
- 1) select the category (if you need to change the category)

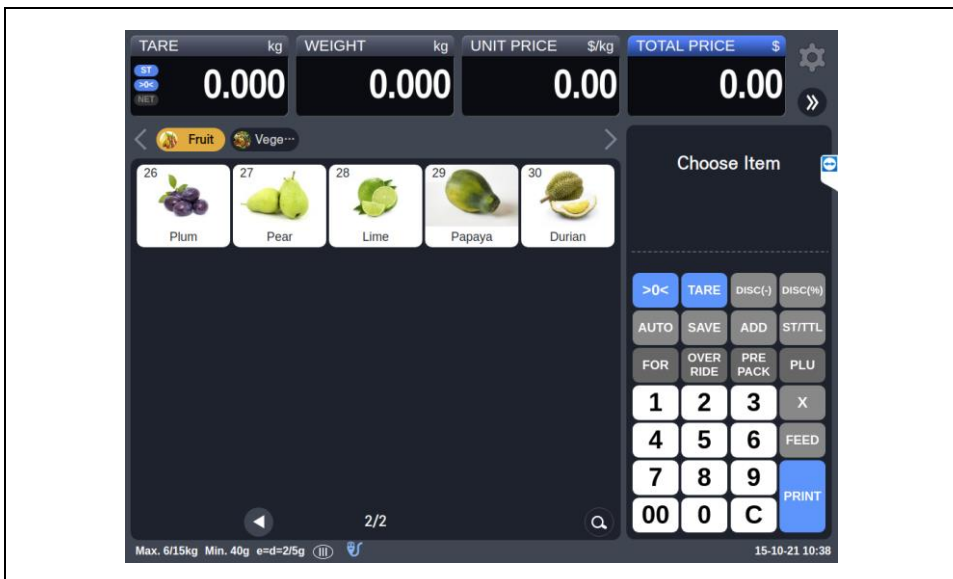




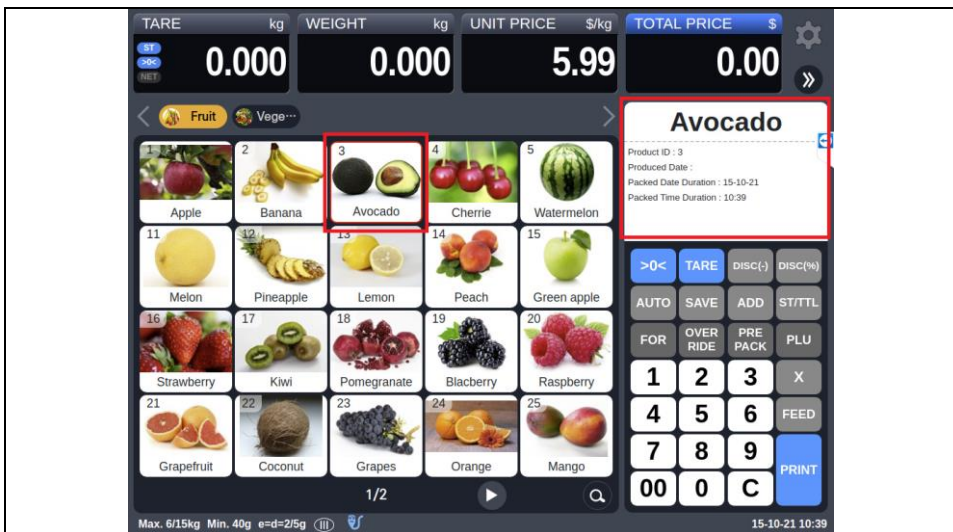
2) Select PLU of the product (weighed product).

If the product is on the next page, you can move the page. (swipe available)

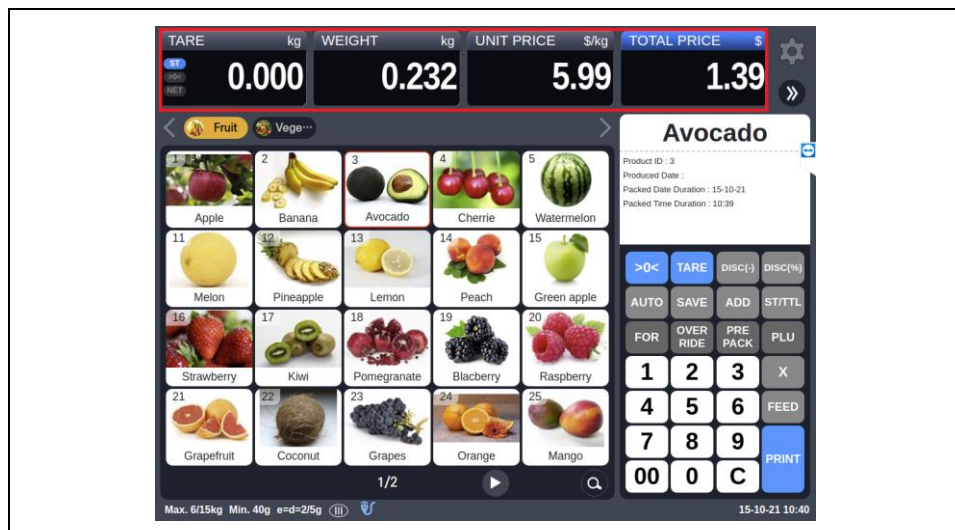




3) Put the product on the scale.

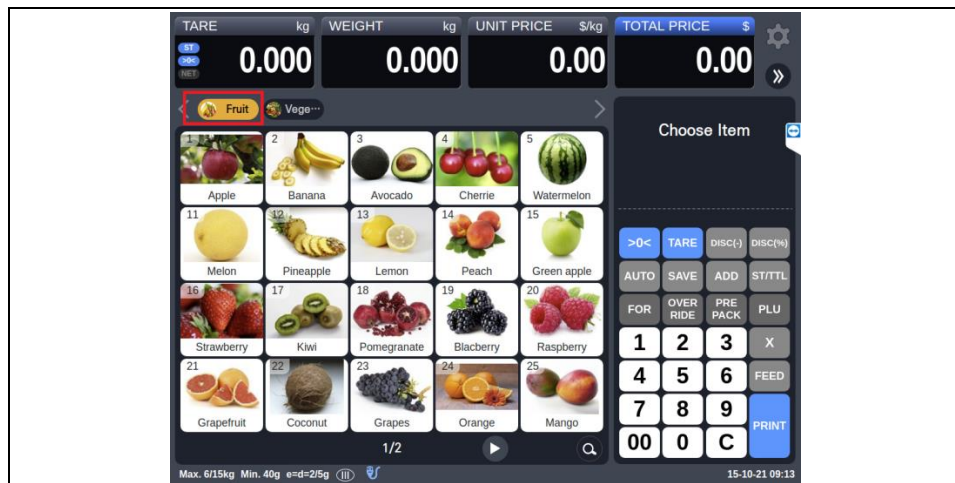


4) when the weight value is stable, press 'print' to sell

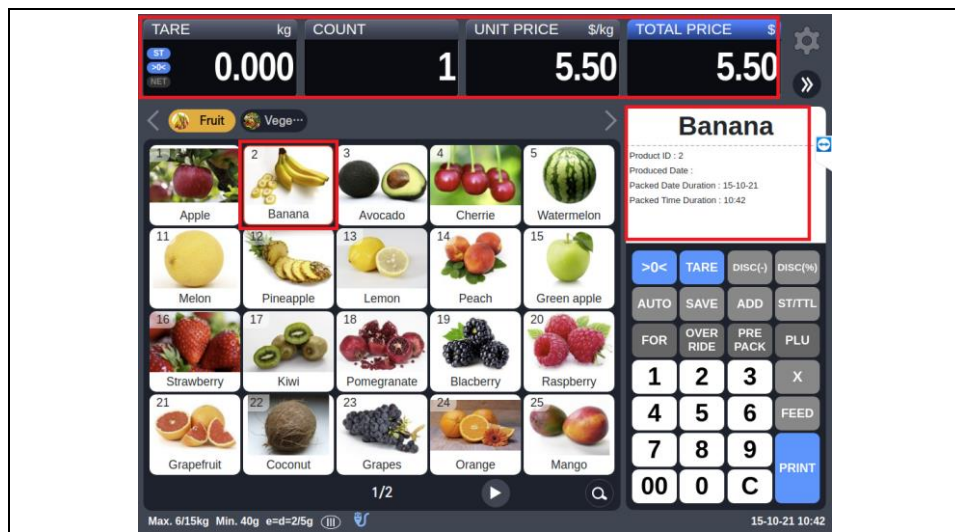


### 2.1.1.2. Selling Counted Products

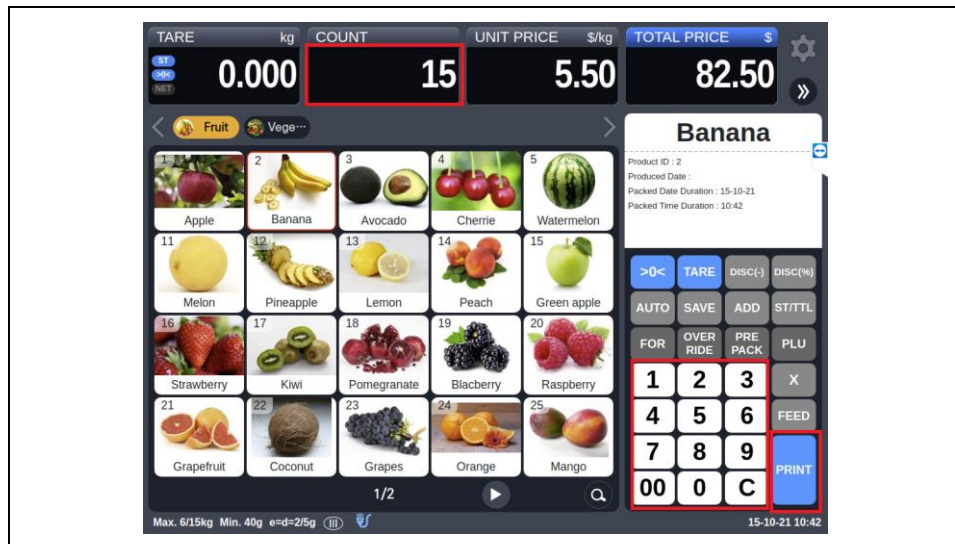
1) select the category (if you need to change the category)



2) Select PLU of the product (counted product).



3) Key in number of units, then press “PRINT” to sell the product.

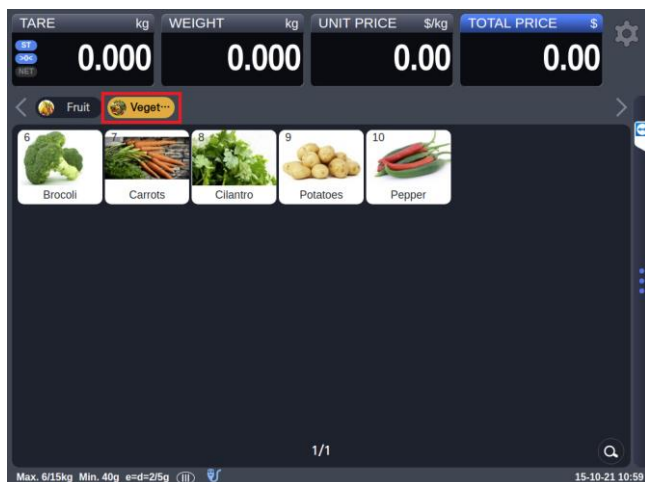
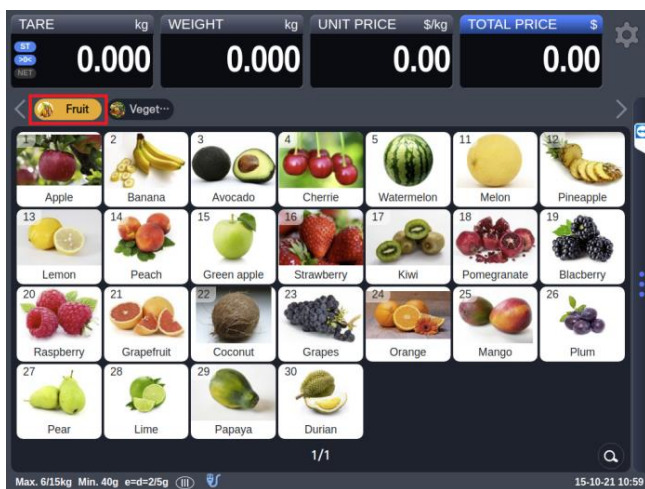


## 2.1.2. Sales operation - Full type

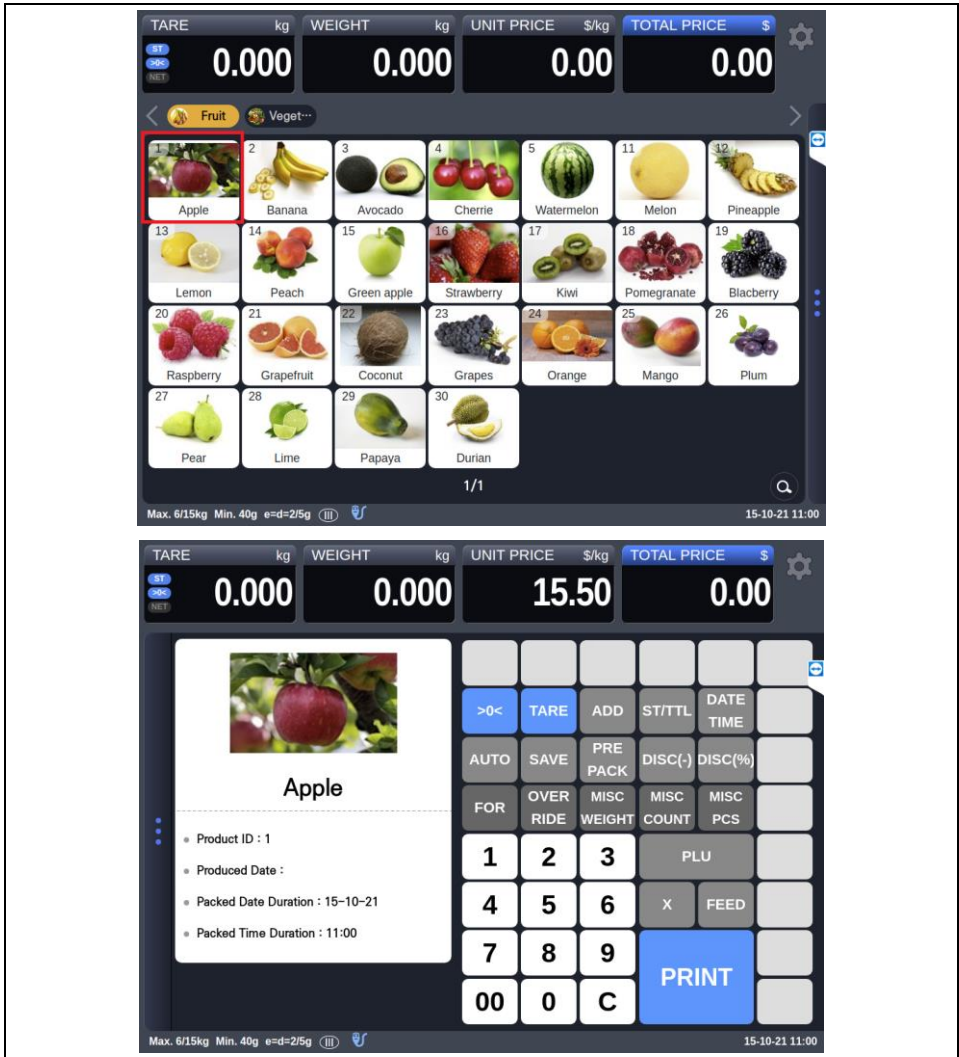
- Sales operation in the case of 'Full type' keypad layout
- Refer <3.6.4.1> Keypad Layout Type

### 2.1.2.1. Selling Weighed Products

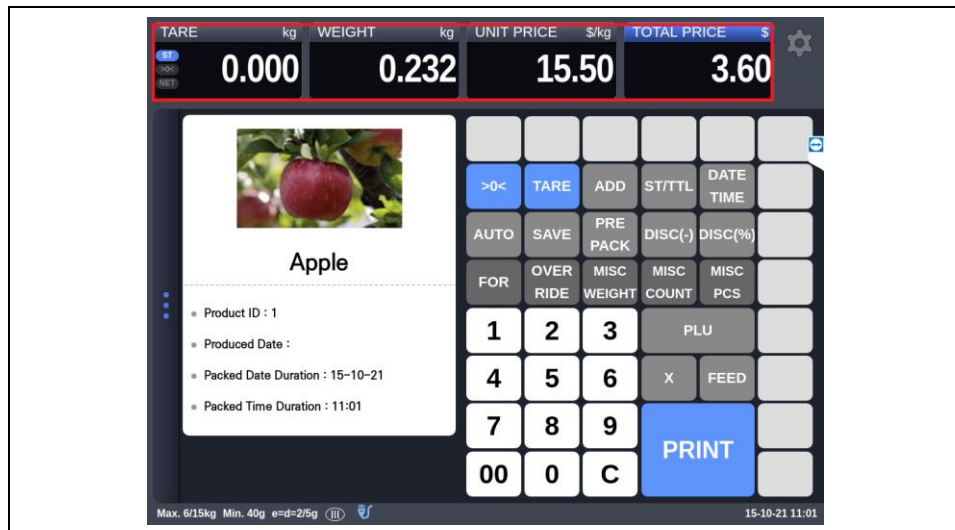
- 1) select the category (if you need to change the category)



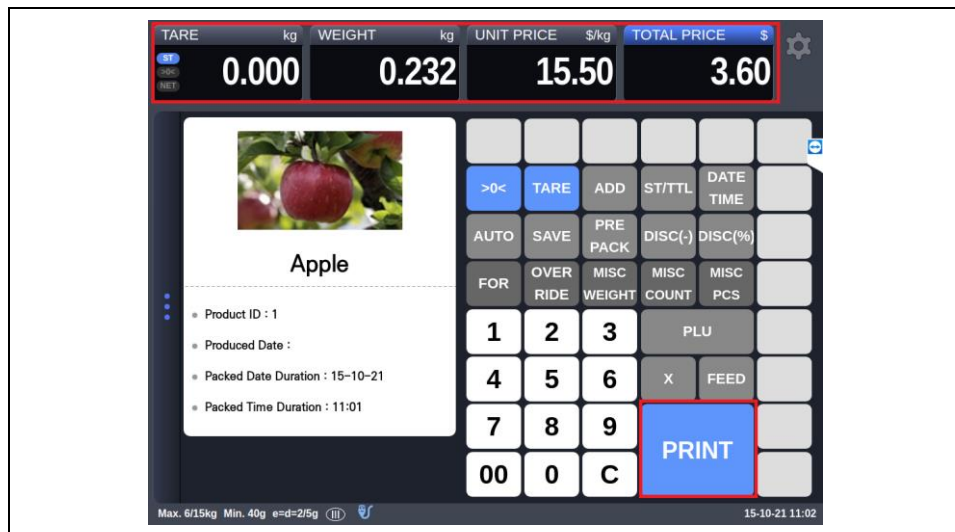
2) Select PLU of the product (weighed product).



3) Put the product on the scale.

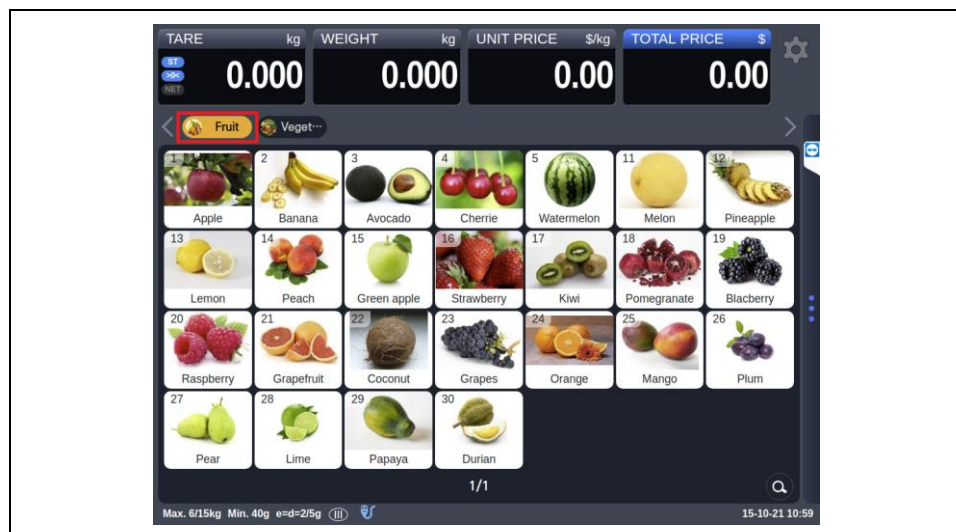


4) when the weight value is stable, press 'print' to sell

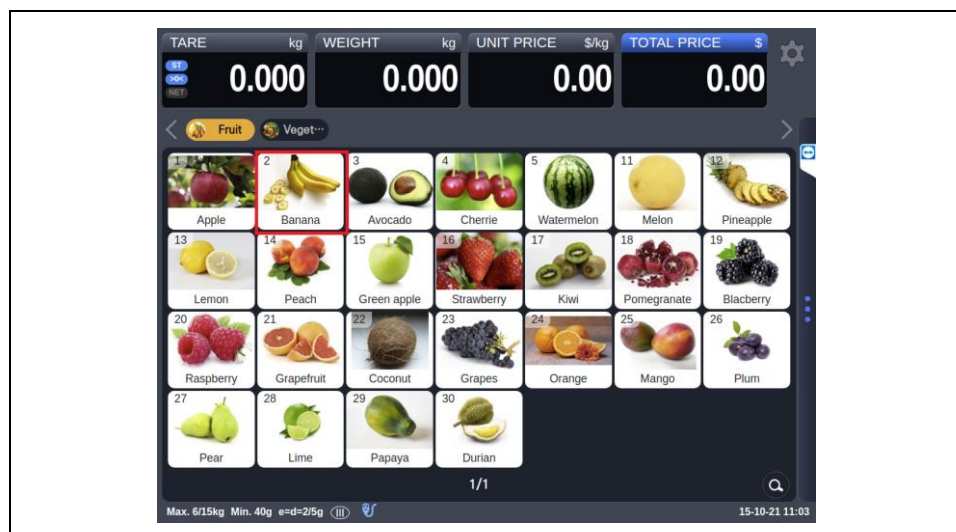


## 2.1.2.2. Selling Counted Products

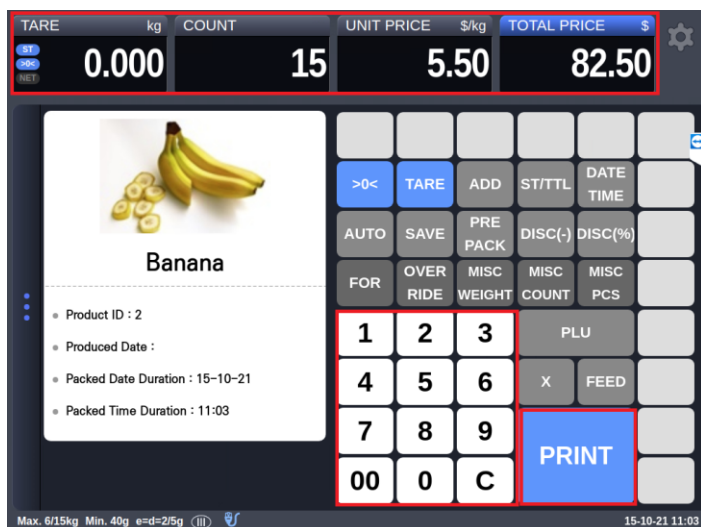
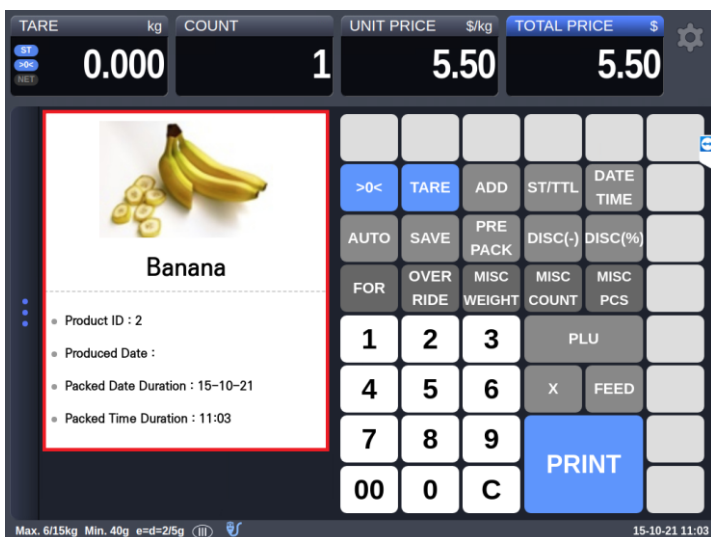
1) select the category (if you need to change the category)



2) Select PLU of the product (counted product).

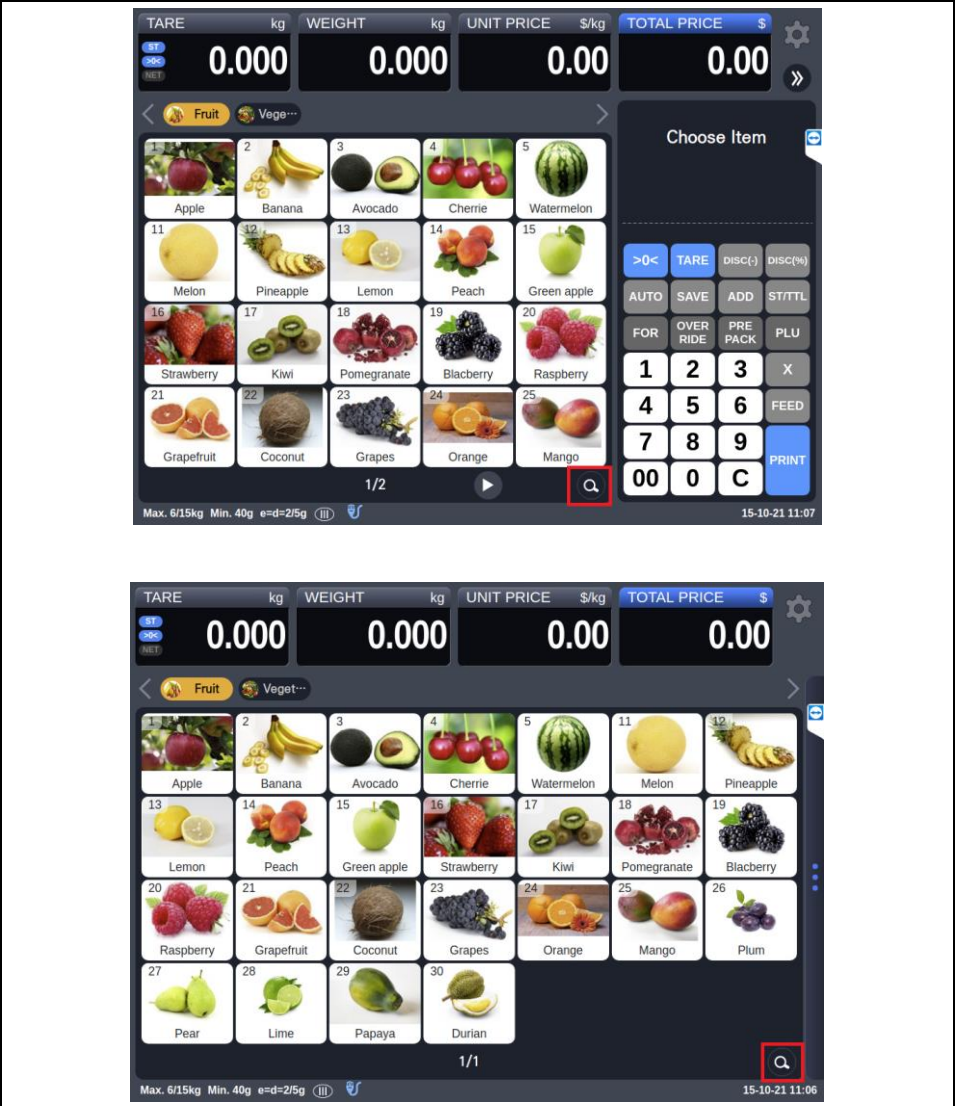


3) Key in number of units, then press “PRINT” to sell the product.

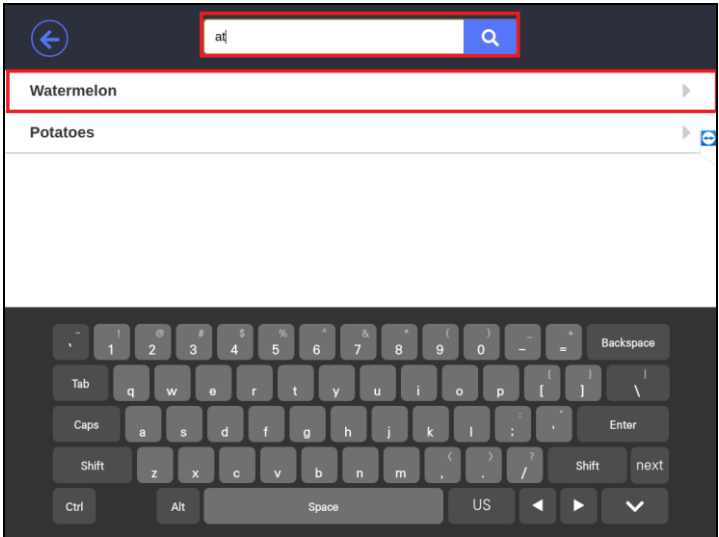
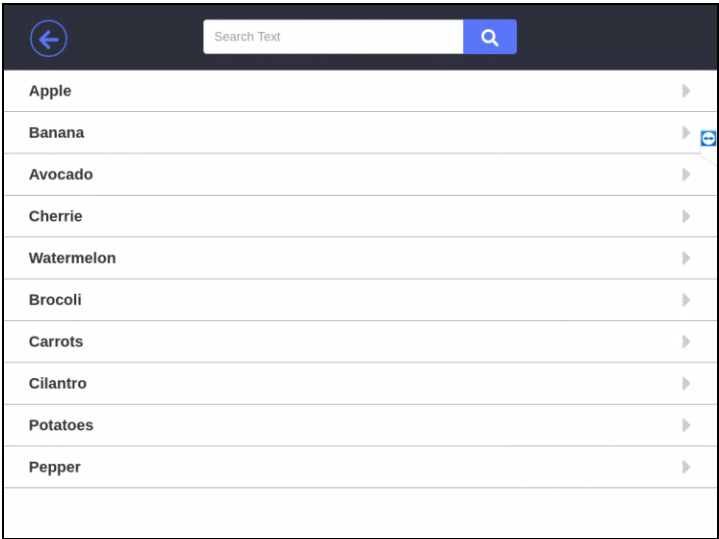


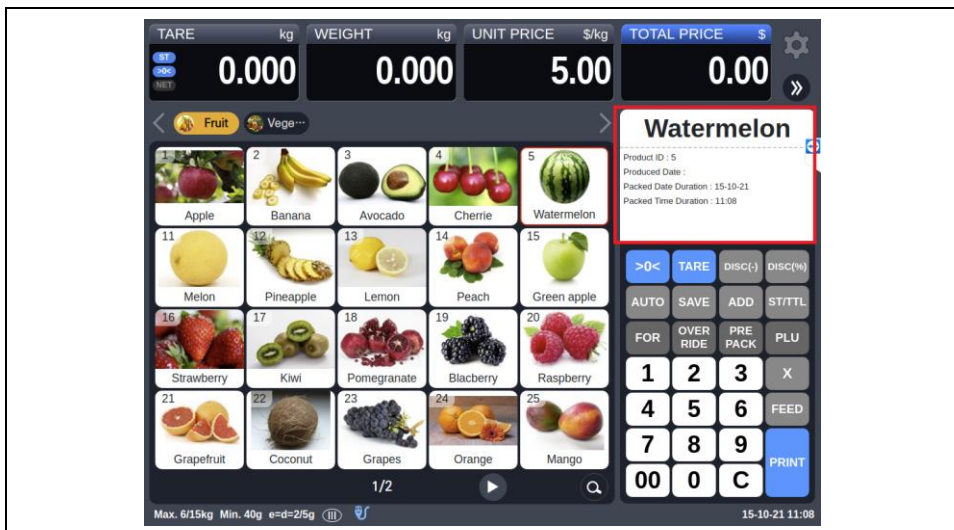
2.1.3. Using Product Search Function

1-1) You can select the product by clicking the search button.



1-2) You can either select the product from product list, or find it through the search button. You can search the entire list of categories if you use the search function in the Category screen.

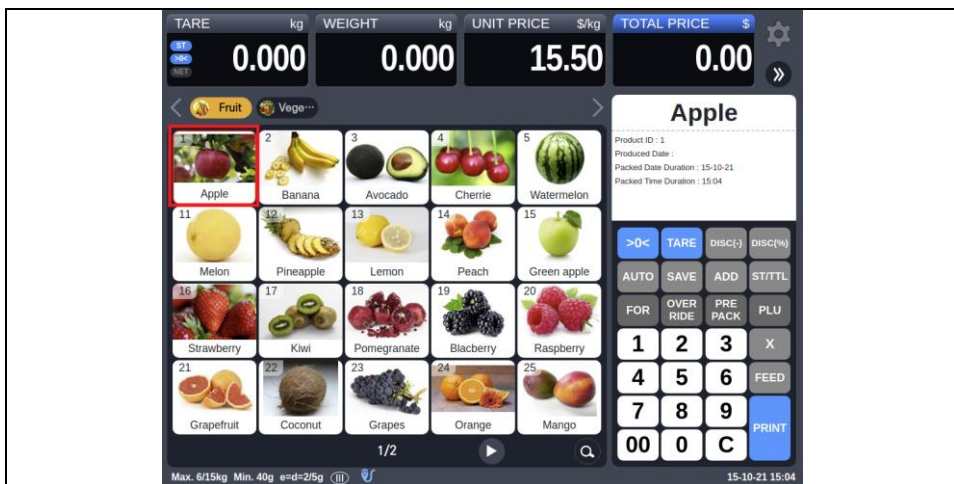


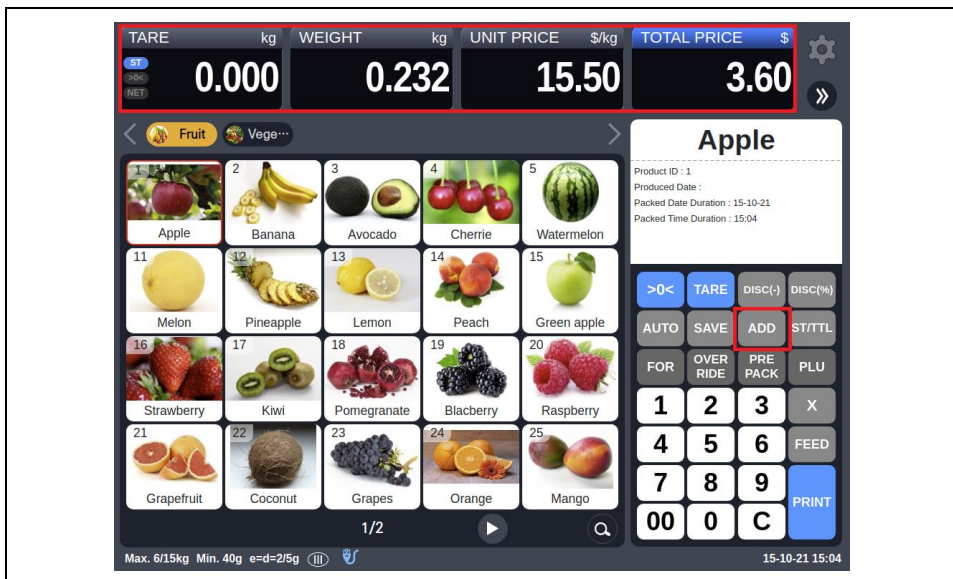


## 2.1.4. Add Sales

This function usually is used when the each product is packaged in a bundle.

1) Select the item, press “add”.

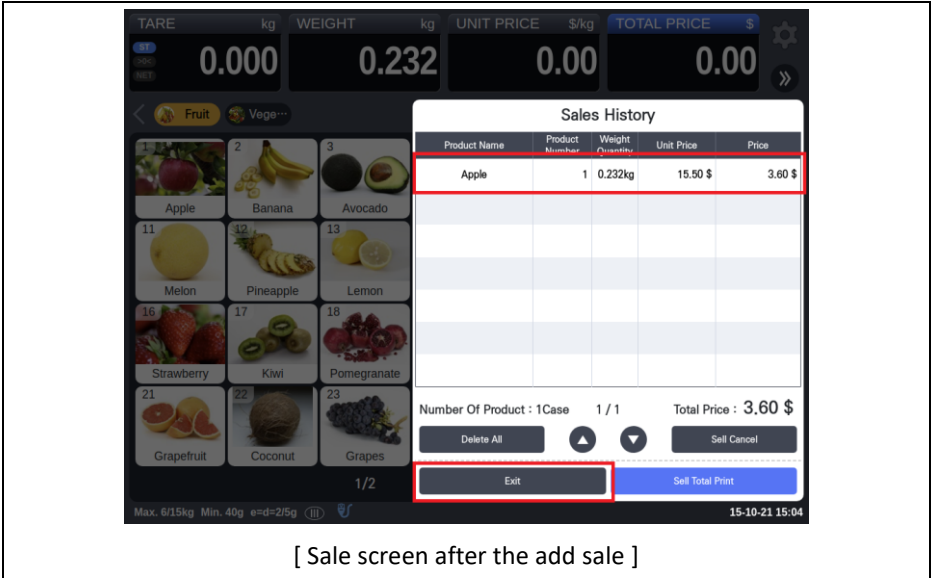




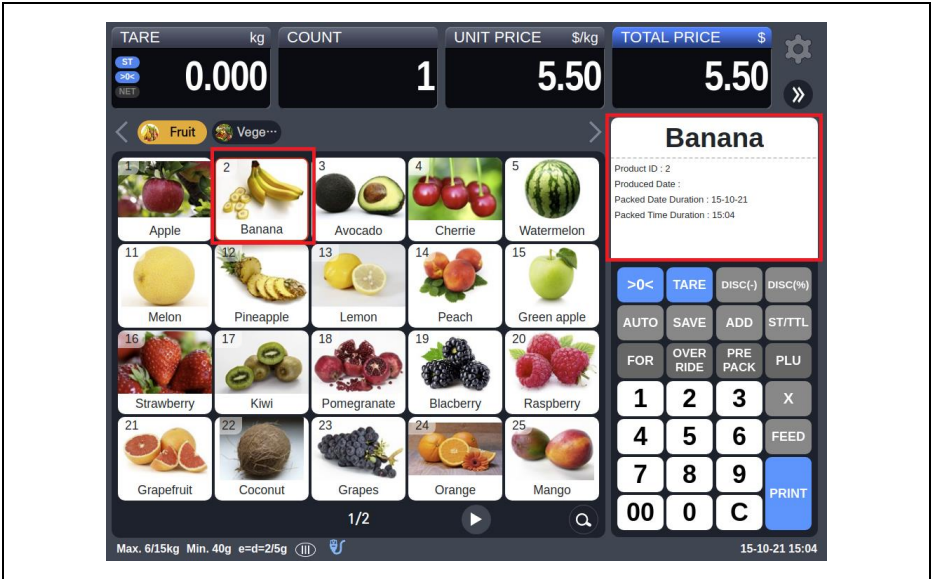
2) As the label is printed, the item is added on the list

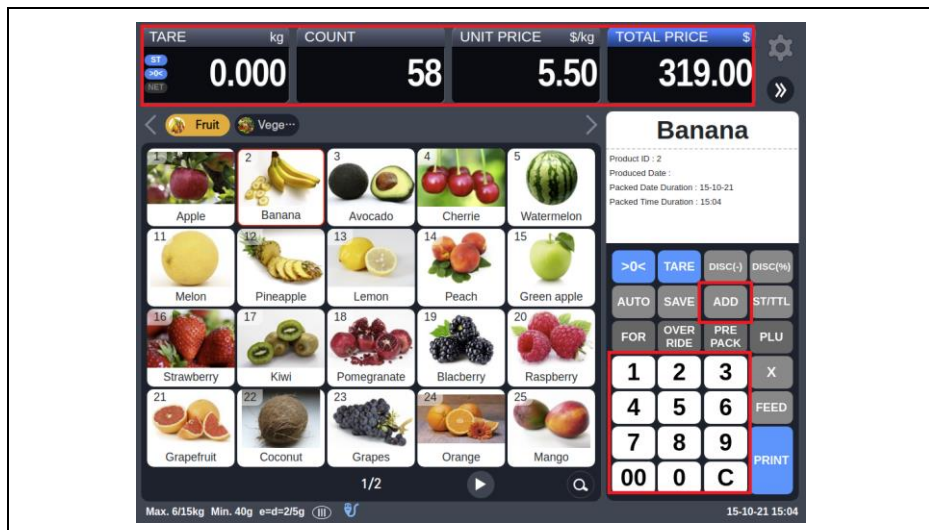
- to keep selling item, click Exit button and go back to sale state.





3) As the label is issued, the product is added to the list.





4) As the label is issued, the product is added to the list.

The item is added on the list

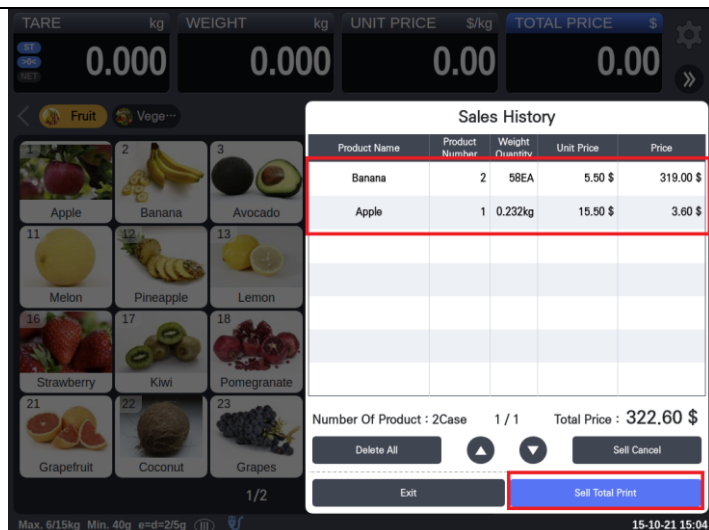
You can see the total information about the items which is on the list.

To print the information, which is added to up to now, click the 'sell total print' button.

when subtotal is printed, the list is initialized.



[ Printed label after the add sale ]



[ Sale screen after the add sale]



[ After the sell total ]

## 2.1.5. Change keypad settings on the sales mode

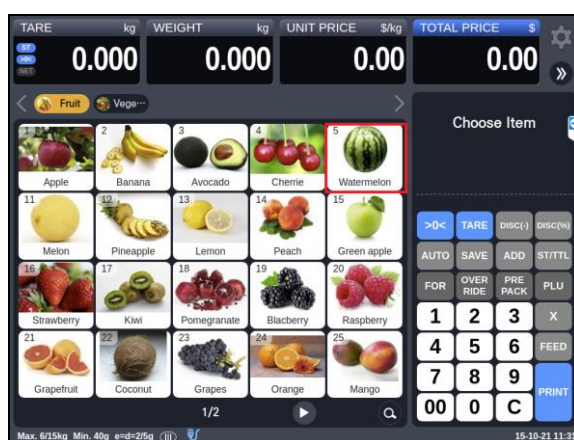
### 2.1.5.1. Change a product keypad settings

- You can set Product keypad settings directly on the sales screen

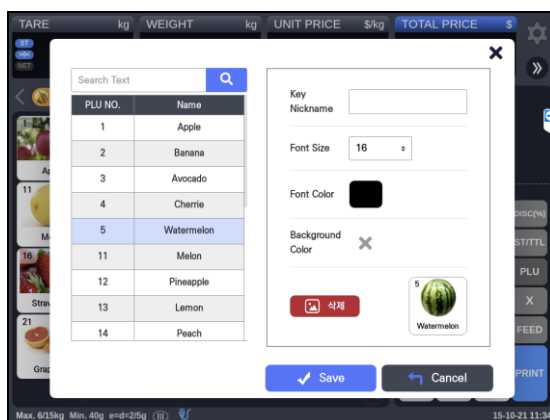
This function operates only when Keypad Arrangement Method is 'MANUAL' in <3.6.4.4> Keypad Config.

1) If you press a product keypad for 3 seconds, the keypad setting window pops up.

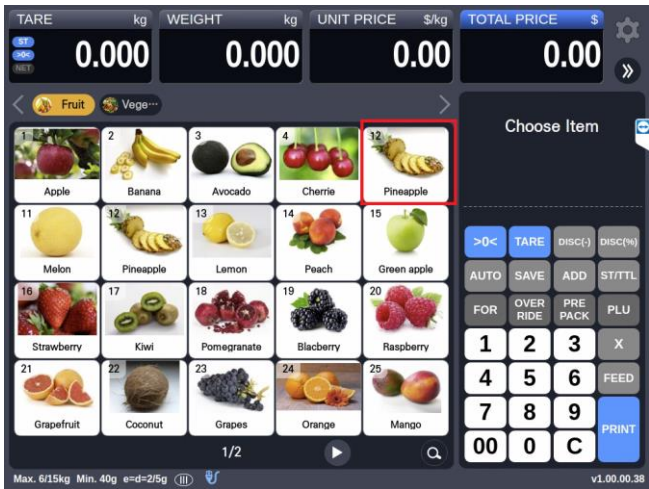
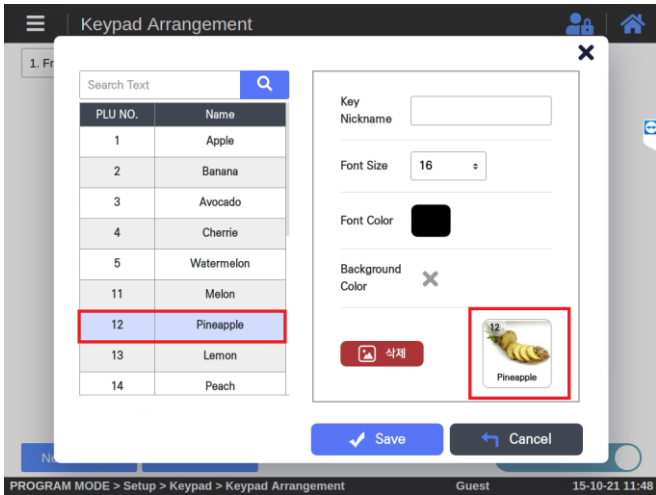
If you change the setting, it is applied immediately to the sales screen.



[Before]



[Change Product]



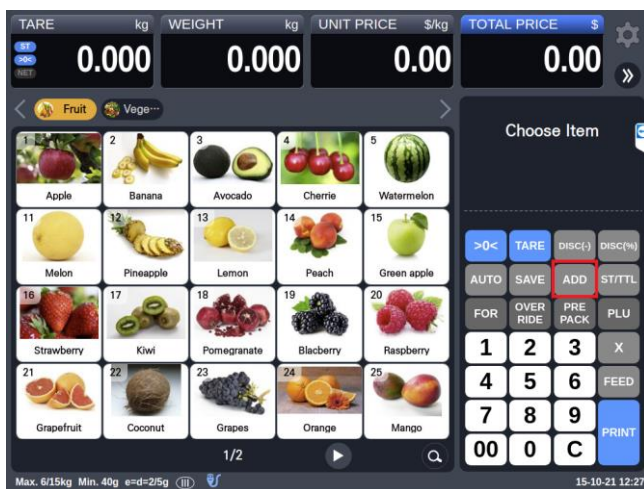
[After]

### 2.1.5.2. Change a function keypad settings

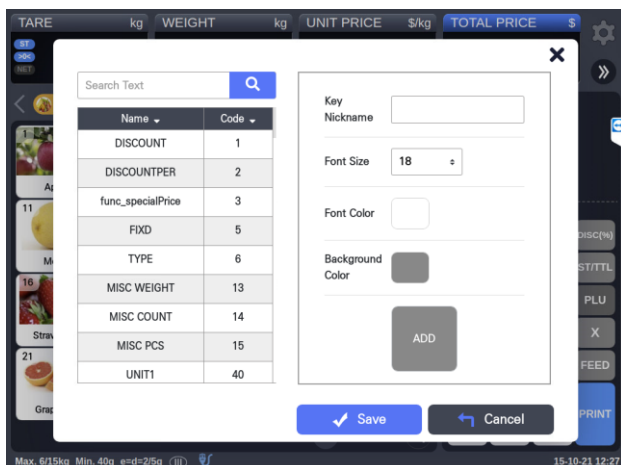
- You can set function keypad settings directly on the sales screen

1) If you press a function keypad for 3 seconds, the keypad setting window pops up.

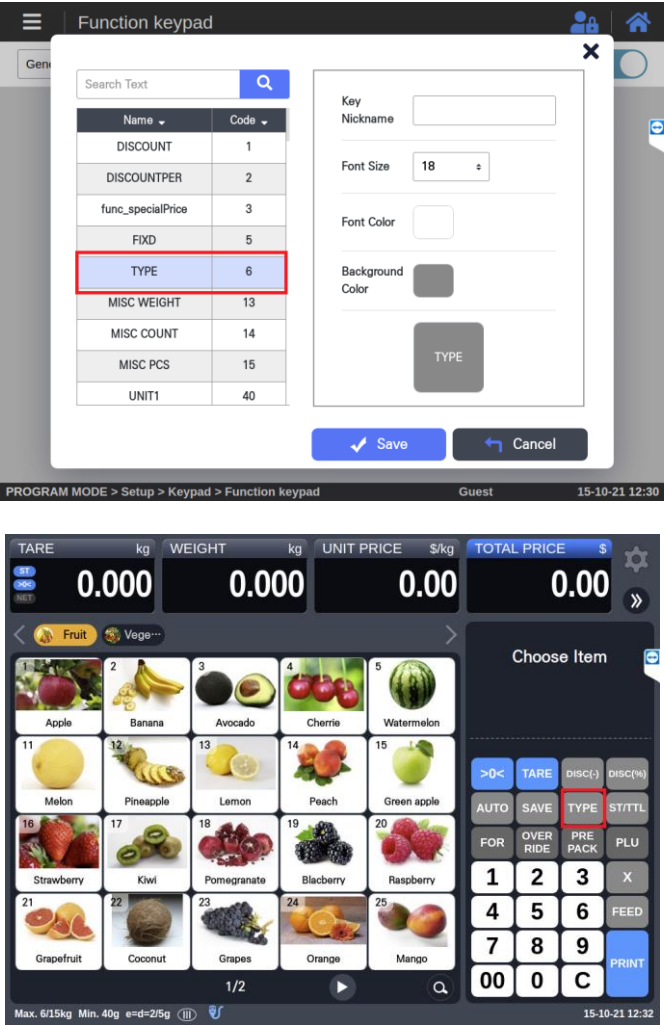
If you change the setting, it is applied immediately to the sales screen.



[Before]



[Change Function]

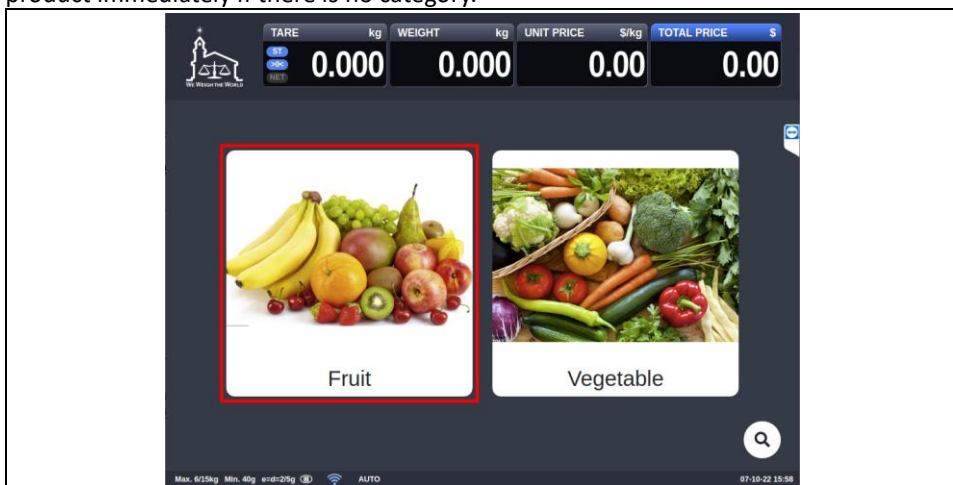


[After]

## 2.2. SELF MODE

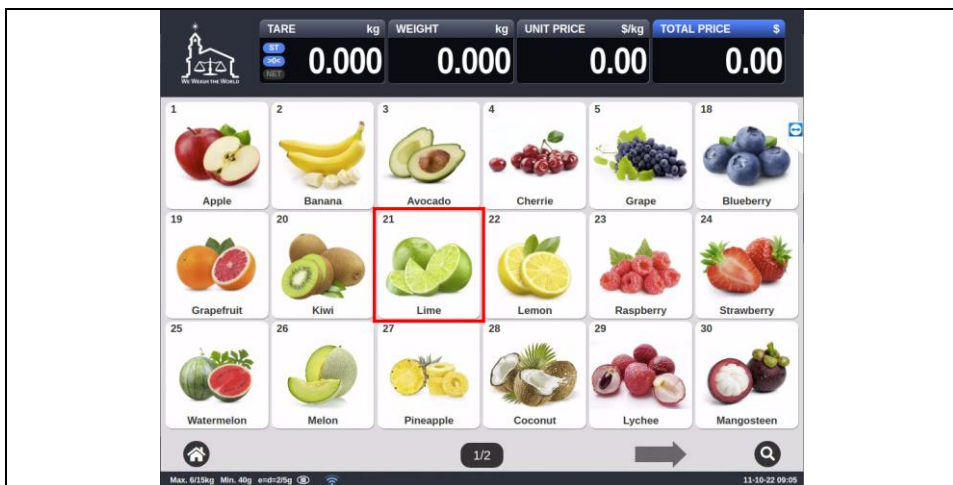
### 2.2.1. Selling Weighed Products

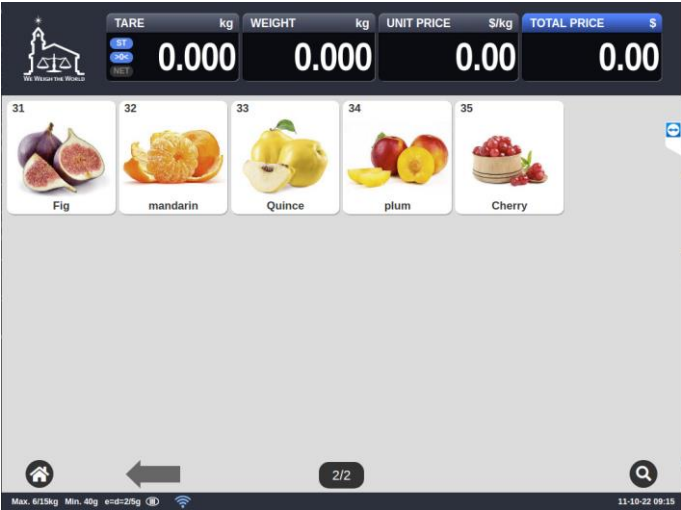
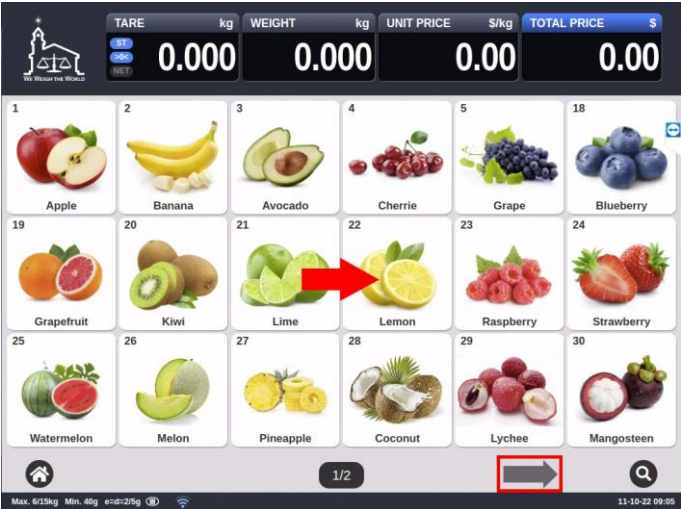
1) Choose the category from the home screen (category screen). You can select the product immediately if there is no category.



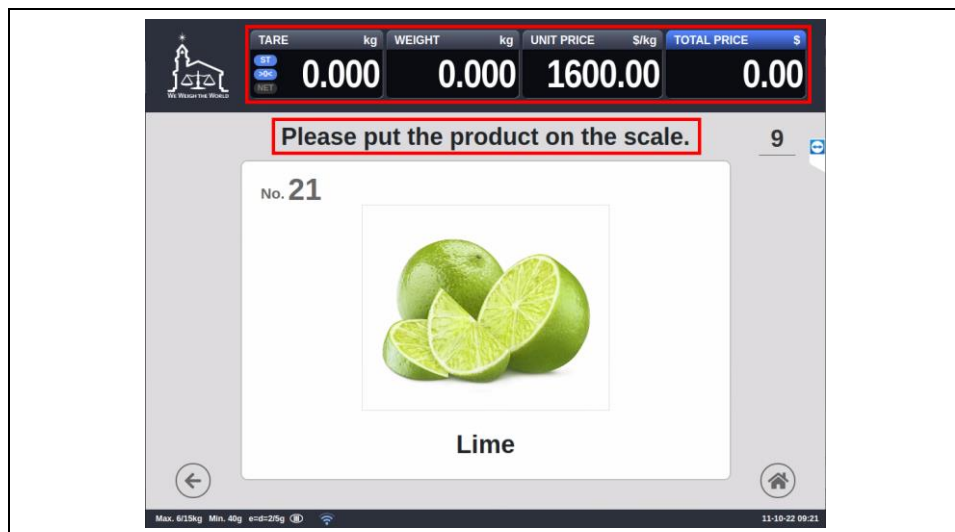
2) Select PLU of the product (weighed product).

If the product is on the next page, you can move the page. (swipe available)

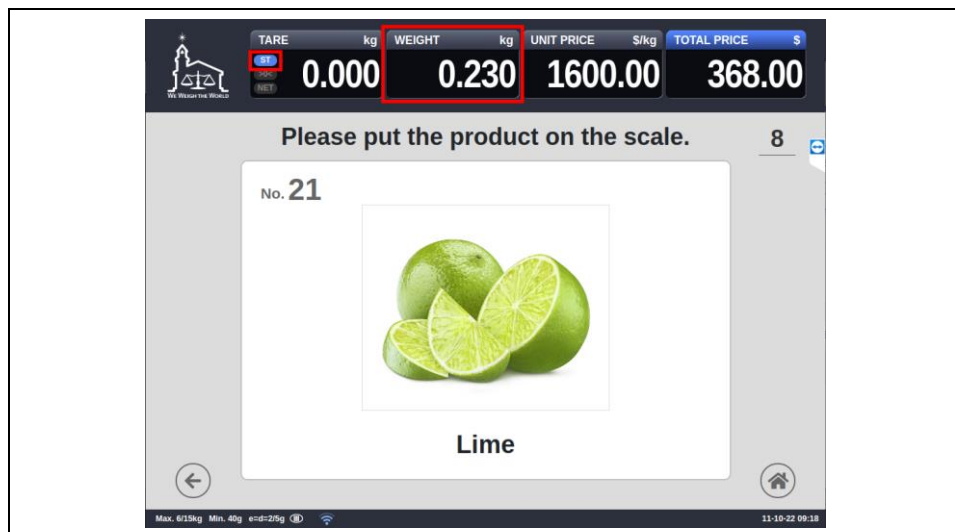




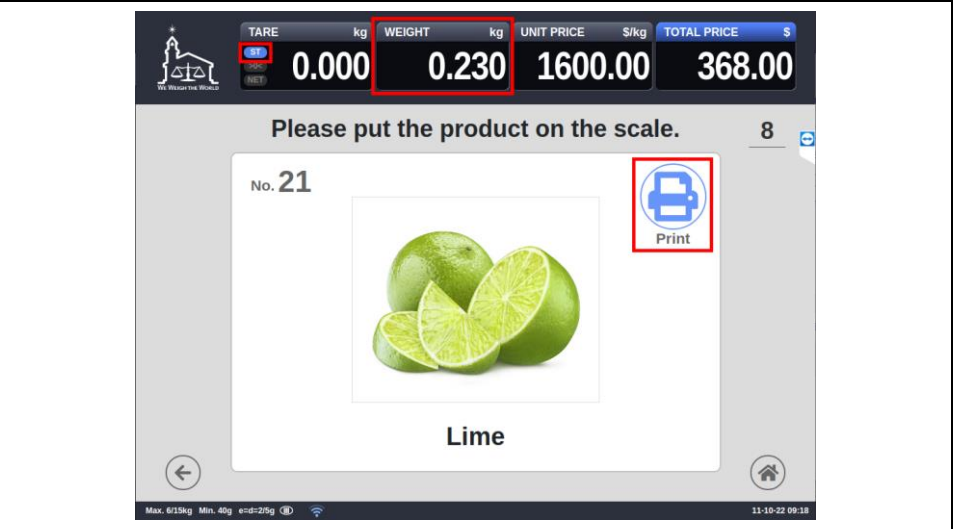
3) Put the product on the scale.



4-1) Once the measured value is displayed, the product is automatically sold and a label is printed out.

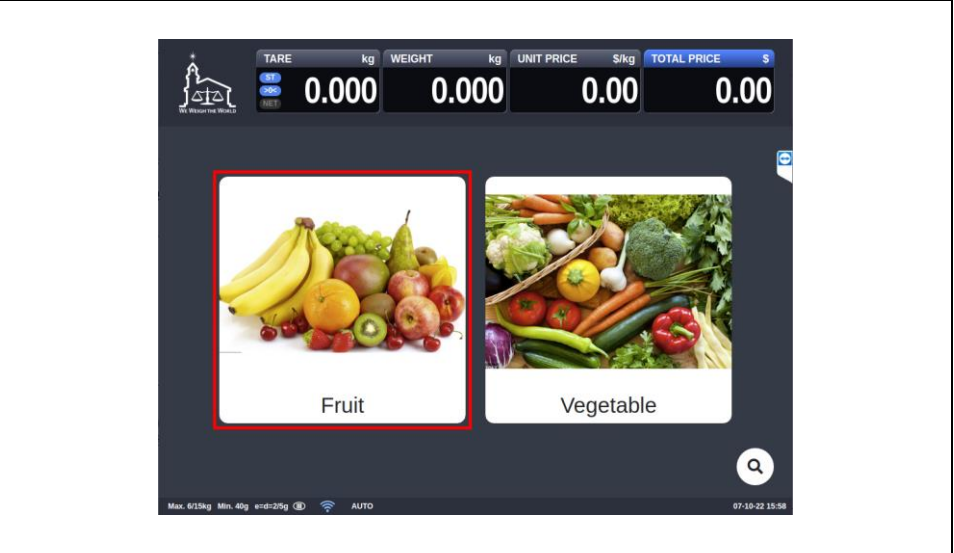


4-2) In case AUTO mode is disabled, press “PRINT” button

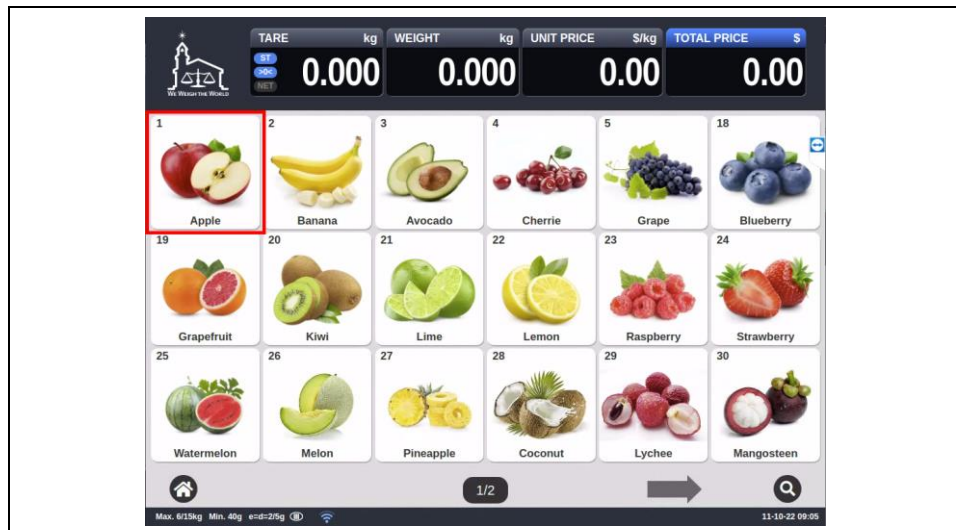


**2.2.2. Selling Counted Products**

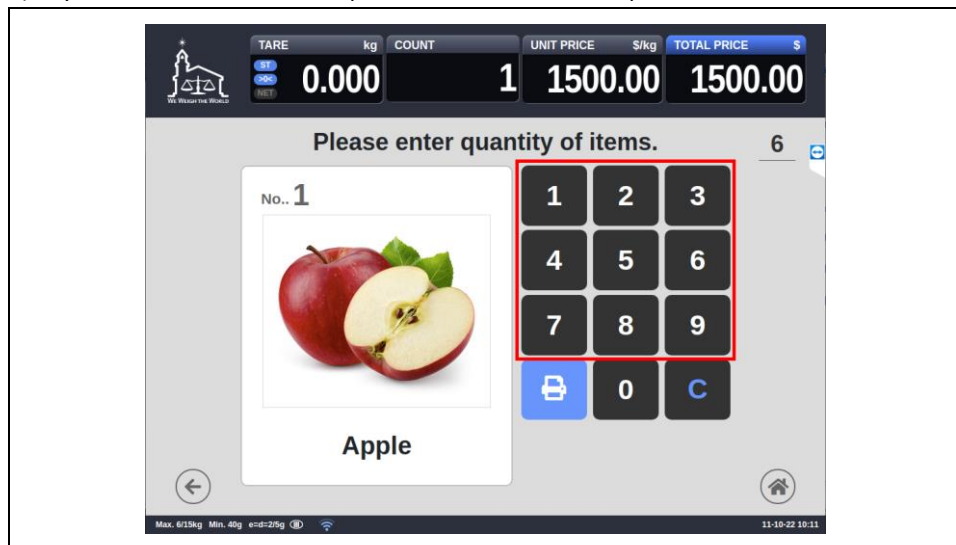
1) Select the category from the home screen. (Category screen). You can select the product immediately if there is no category.

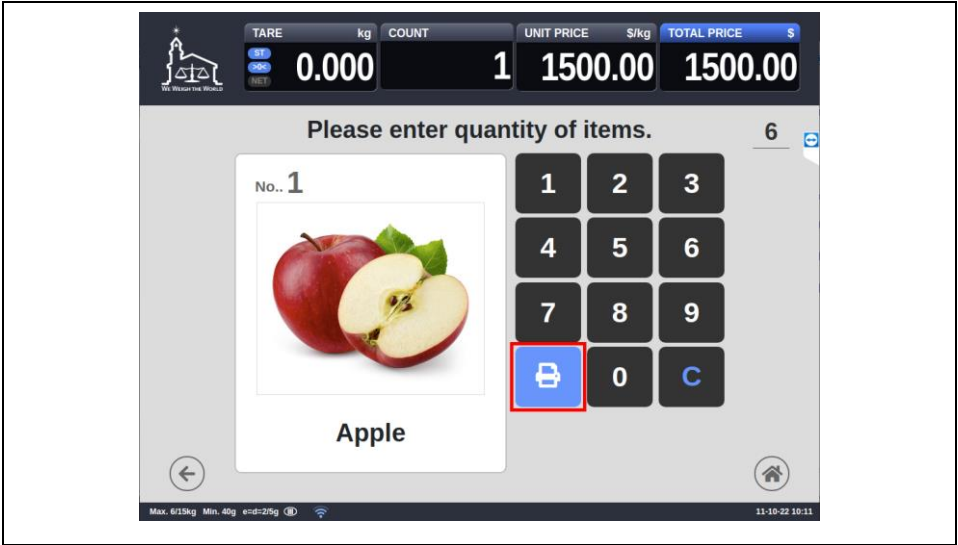


2) Select PLU of the product (counted product).



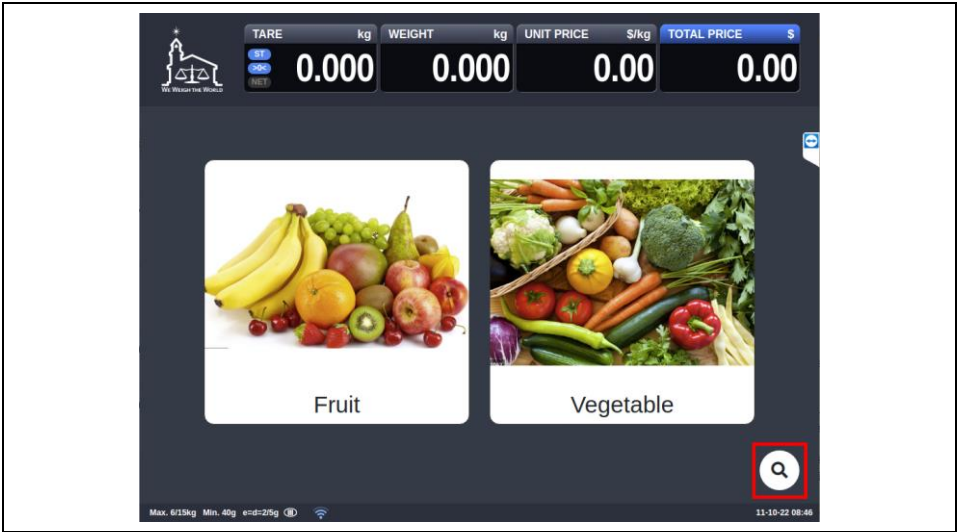
3) Key in number of units, then press “PRINT” to sell the product.



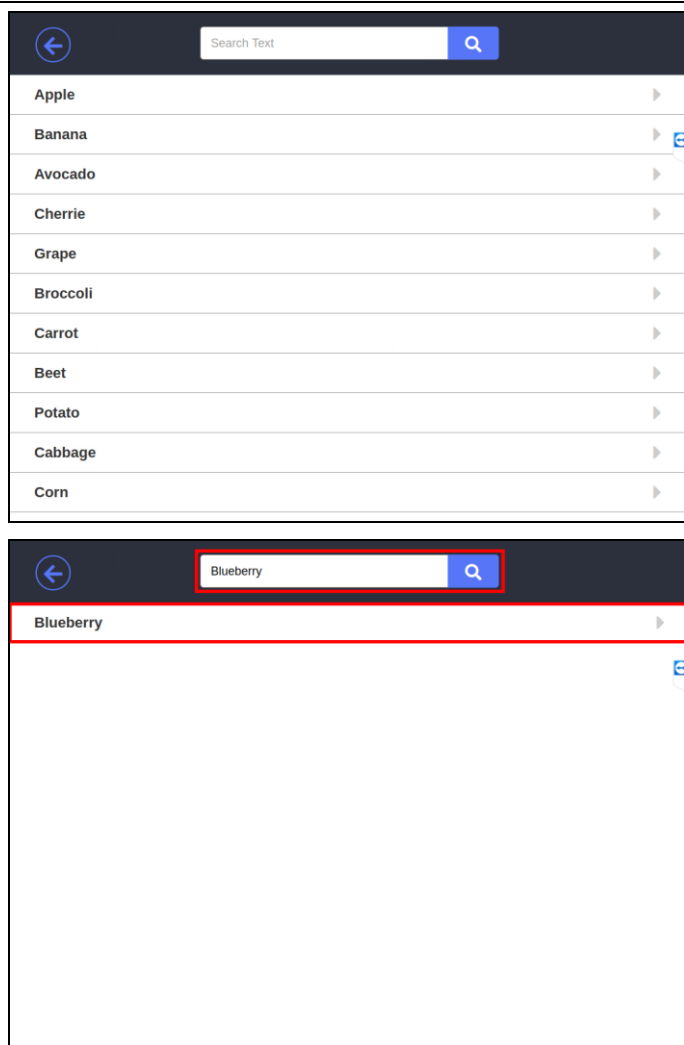


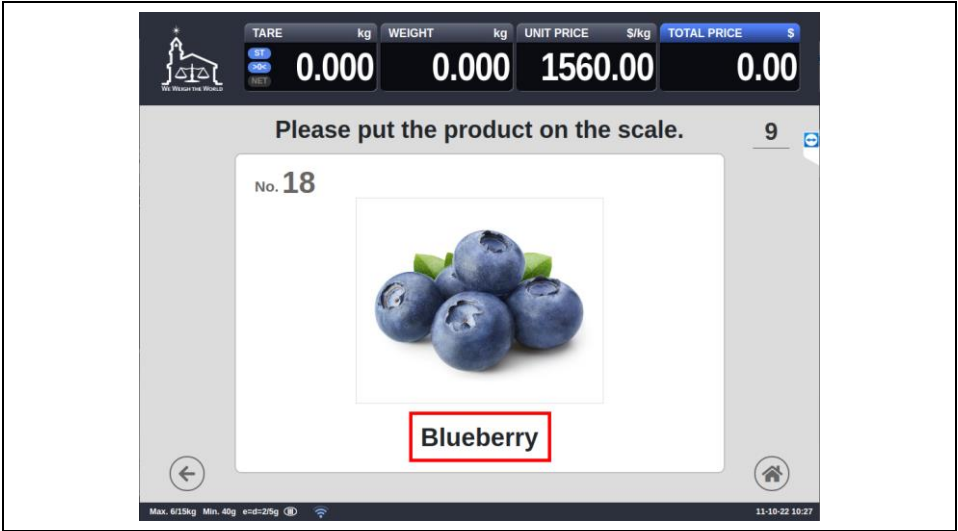
### 2.2.3. Using Product Search Function

1-1) You can select the product by clicking the search button.

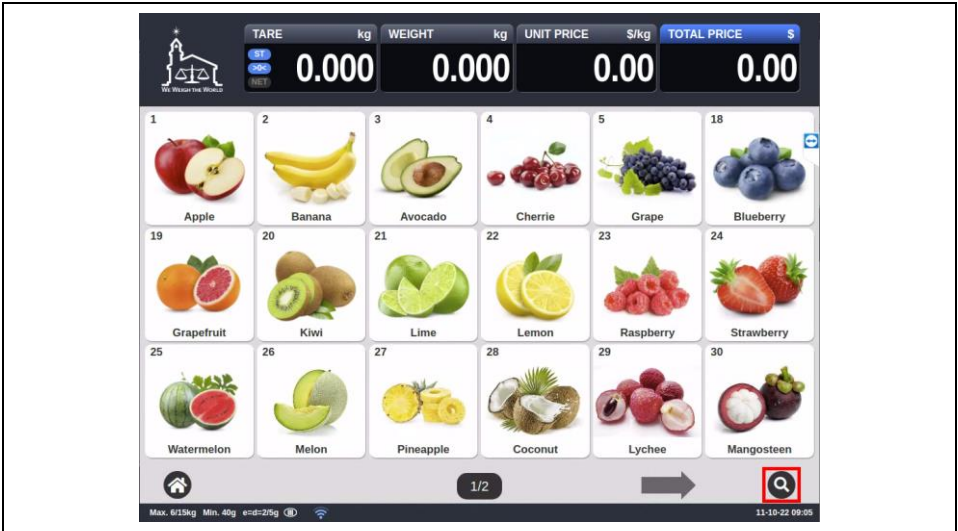


1-2) You can either select the product from product list, or find it through the search button.

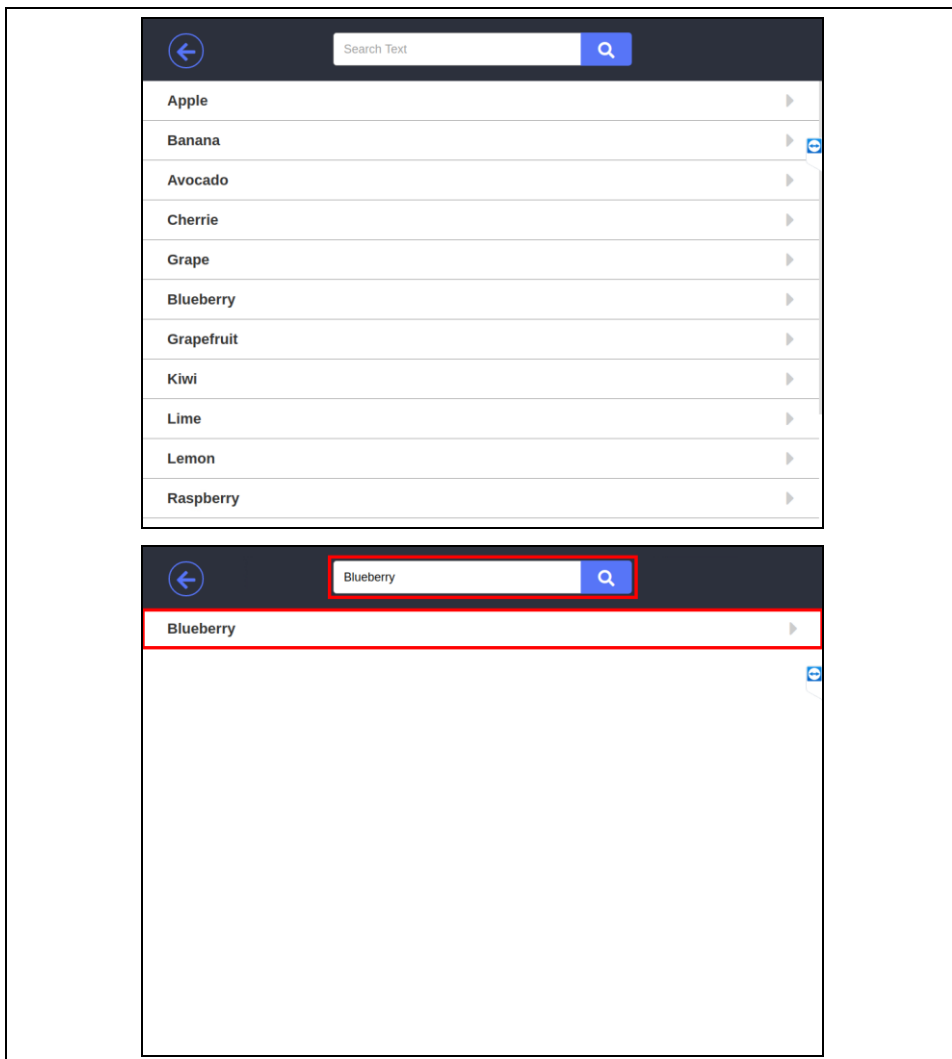


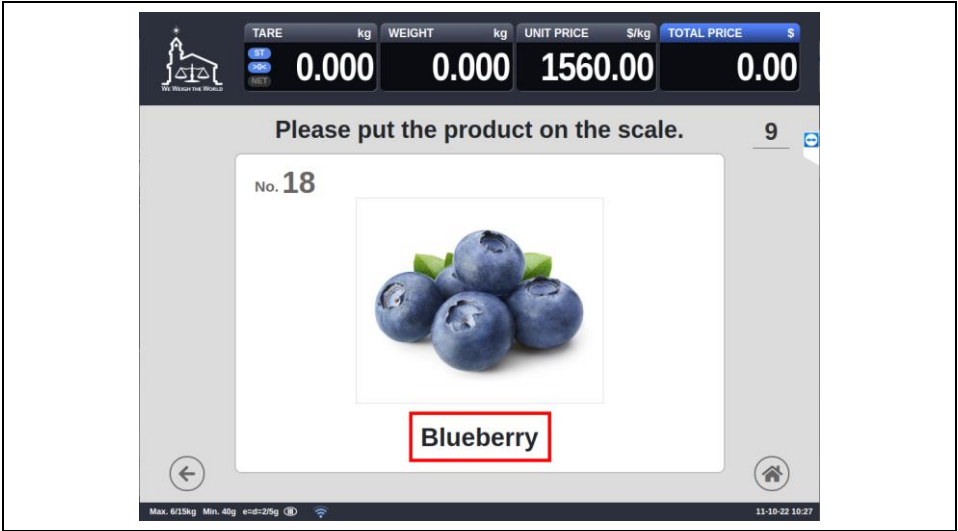


2-1) You can also use the search function in the selected category.



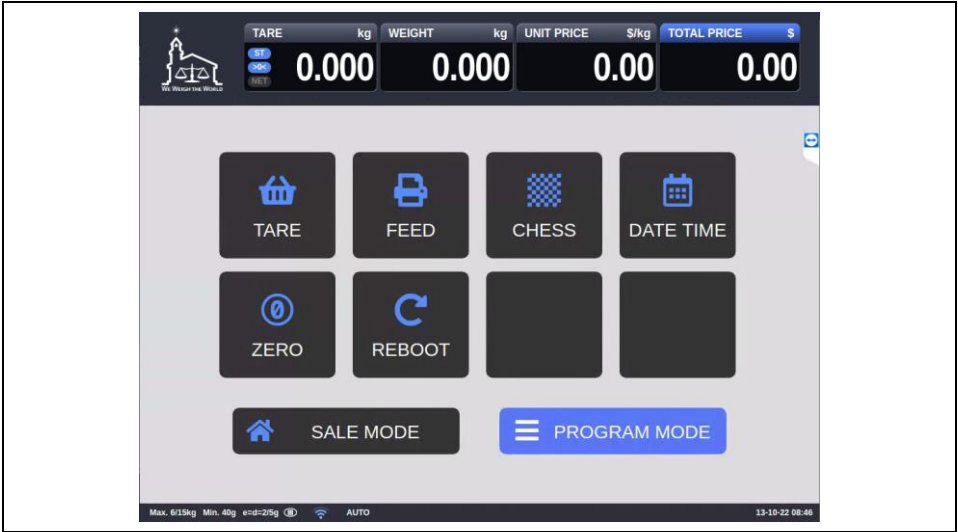
2-2) Using the search button in a category shows only products from the selected category





2.2.4. Additional Functions

- Double click the logo in the upper left corner to display additional functions.



**(1) TARE**

- Press it to set the tare weight.

**(2) FEED**

- Press it to draw out a ticket or a label.

**(3) CHESS**

- Press it to print CHESS (for print quality test)

**(4) DATE TIME**

- Press it to enter Setup – Date Time menu for setting the time zone.

**(5) ZERO**

- Press it to set the zero point.

**(6) REBOOT**

- Press it to restart the scale software.

**(7) SALES MODE**

- Press it to enter SALES MODE screen

**(8) PROGRAM MODE**

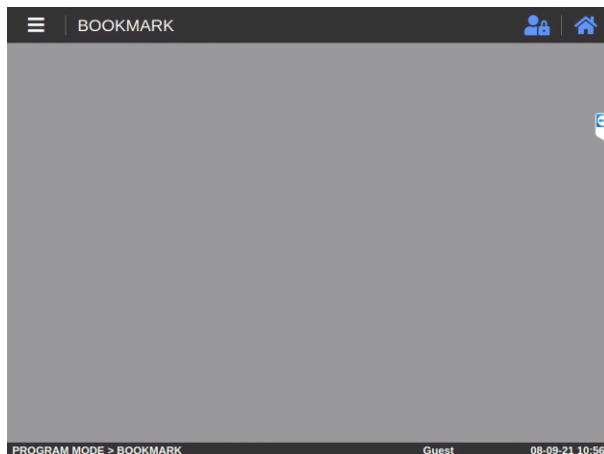
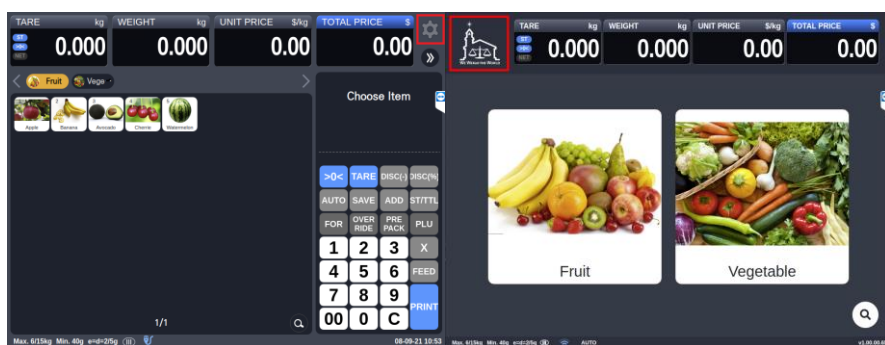
- Press it to enter PROGRAM MODE.

### 3. PROGRAMING

- Each menu in PROGRAM MODE is usable only with an account which meets its required

How to access the menu.

1) On sale screen, press gear shape icon at the top right to move to the program mode  
(The first screen of program mode is BOOKMARK menu)



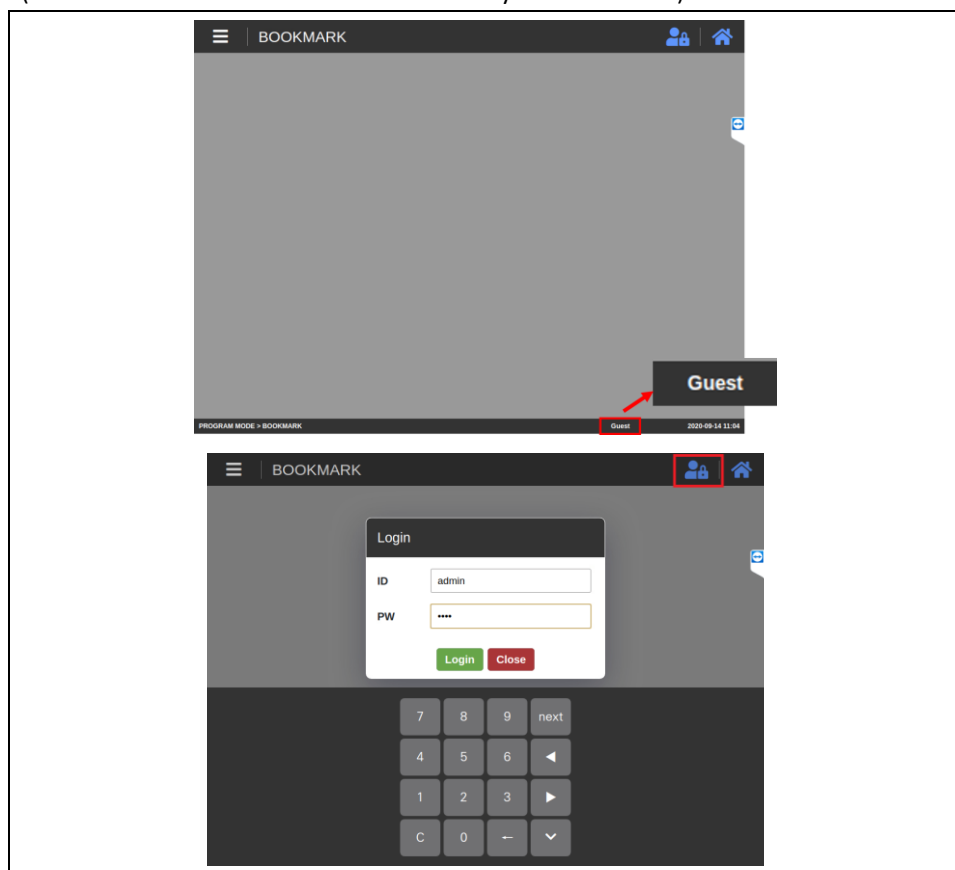
## Readable / Modifiable levels.

- Logging in with a user account will enable reading and modifying of the menu which meets.

## Readable / Modifiable levels of the account.

- Not logging in with any account will assign the user Guest levels.

(Please refer to 3.4.2 Store - User & Security for user levels.)

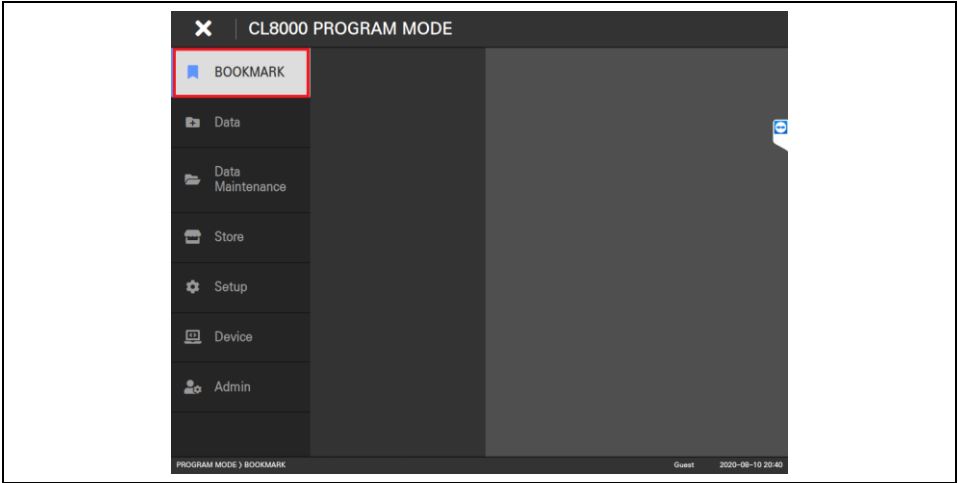




**3.1. BOOKMARK MENU**

- Bookmark menu can be used to store frequently accessed menu.

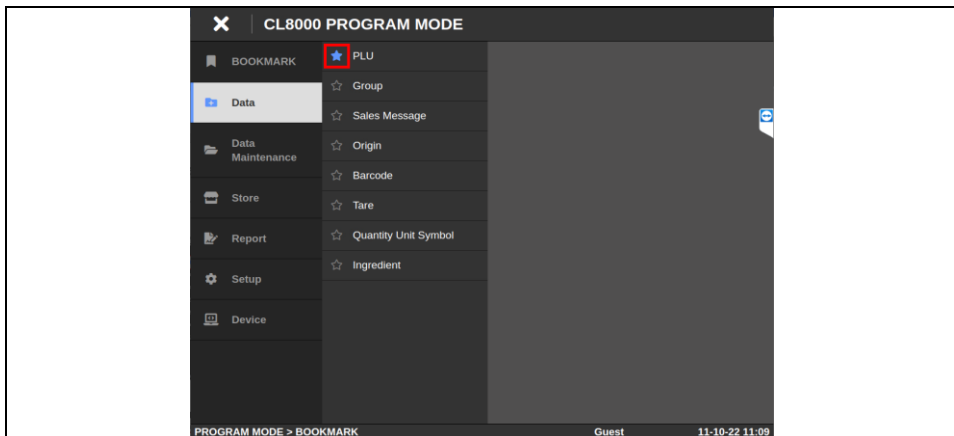
1) Click in the following order: BOOKMARK.



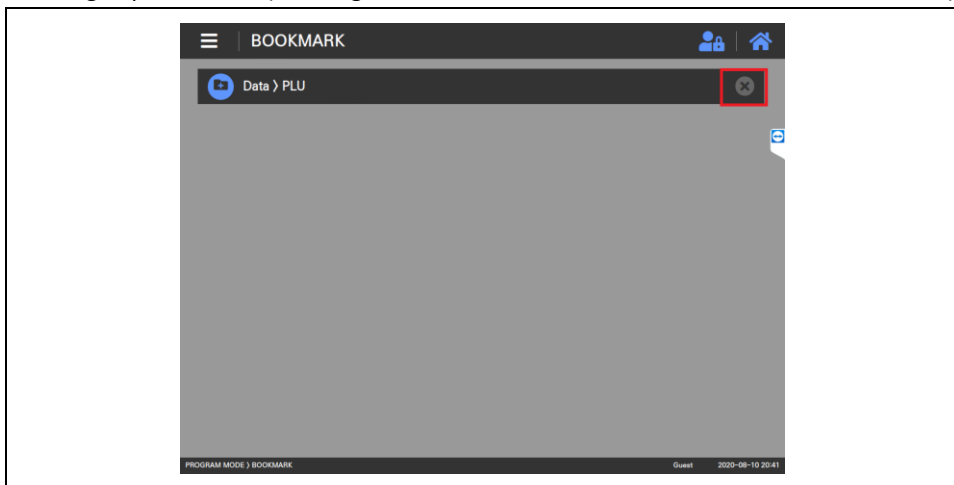
2) How to add a bookmark: Click the “☆” on the submenu of your choice to add it to the bookmark list.

- Active bookmarks are highlighted blue.

- Click the “☆” again to remove the submenu from the bookmark list.



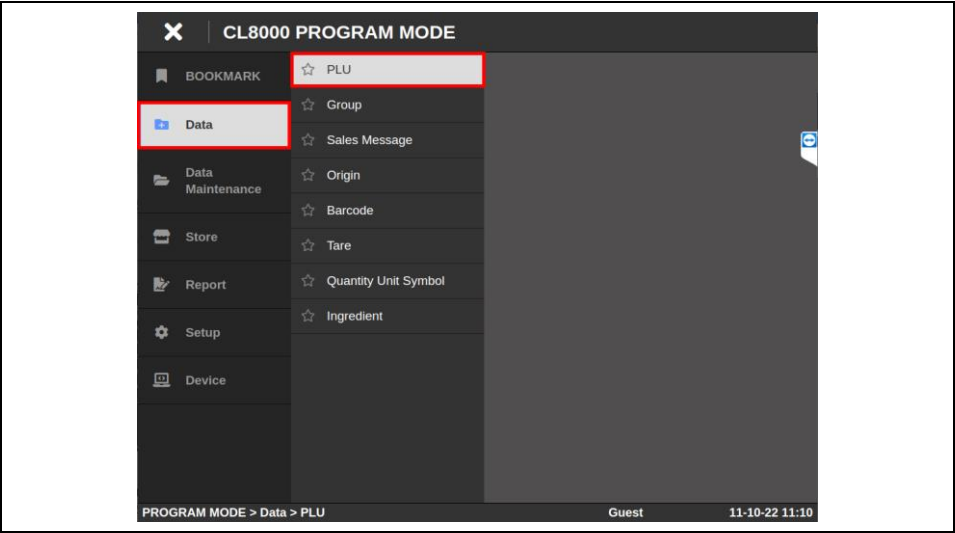
3) Bookmarking a submenu will display the added submenu in the bookmark list, enabling a quick revisit. (Pressing “X” will remove the submenu from the bookmark list)



**3.2. DATA MENU**

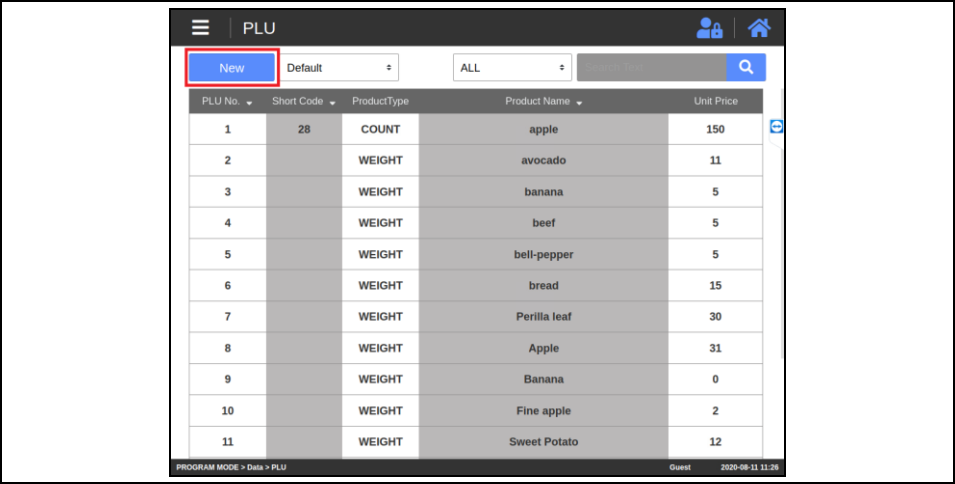
**3.2.1. Data – PLU**

- This menu is for generating, modifying and deleting product data.

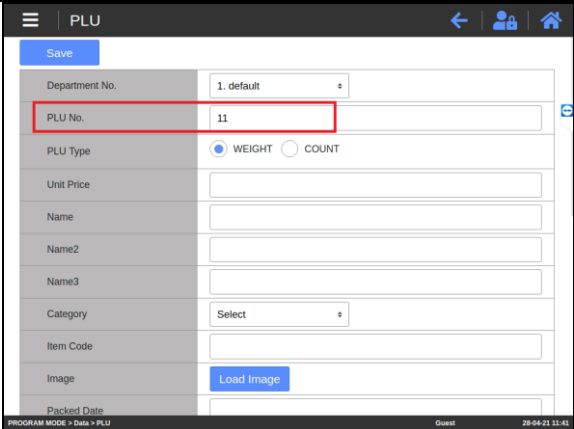


**3.2.1.1. Create New PLU**

1) Click “New” button.



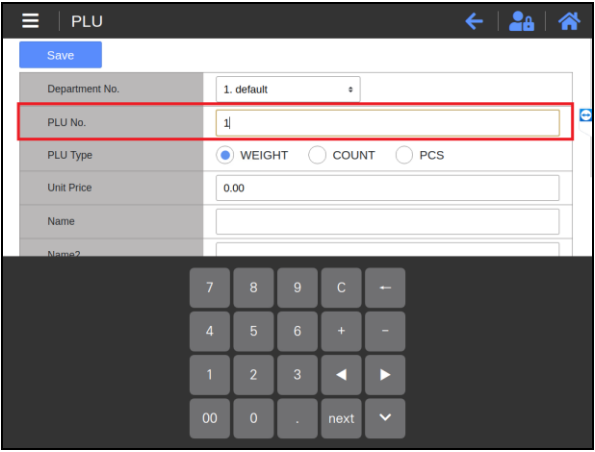
2-1) PLU No. is automatically set to the next number.



The screenshot shows the 'PLU' form in a software application. The 'PLU No.' field is highlighted with a red rectangle and contains the value '11'. Other fields include 'Department No.' (1. default), 'PLU Type' (WEIGHT selected), 'Unit Price', 'Name', 'Name2', 'Name3', 'Category' (Select), 'Item Code', 'Image' (Load Image button), and 'Packed Date'. The bottom status bar shows 'PROGRAM MODE > Data > PLU', 'Guest', and the date/time '20-04-21 12:41'.

2-2) If PLU No. does not exist, you can create a new one.

If the PLU No. exists, a pop-up window appears whether to load the existing information.



The screenshot shows the 'PLU' form with a numeric keypad overlay at the bottom. The 'PLU No.' field is highlighted with a red rectangle and contains the value '11'. The keypad includes digits 0-9, a decimal point, a 'next' button, and a dropdown arrow. Other fields include 'Department No.' (1. default), 'PLU Type' (WEIGHT selected), 'Unit Price' (0.00), 'Name', and 'Name2'. The bottom status bar shows 'PROGRAM MODE > Data > PLU', 'Guest', and the date/time '20-04-21 12:41'.

PLU

Save

Department No.

Default

PLU No.

1

PLU Type

Weight

Count

Unit Price

Name1

Name2

Name3

Name4

Name5

Name6

Name7

Alarm

The product already exists.  
Do you want to get that information?

OK

Close

PROGRAM MODE > Data > PLU

Guest

2020-08-11 11:26

PLU

Save

Delete

Department No.

1. default

PLU No.

1

PLU Type

WEIGHT

COUNT

PCS

Unit Price

15.5

Name

Apple

Name2

Name3


Category

1. Fruit

Item Code

Image

Load Image



PROGRAM MODE > Data > PLU

Guest

08-09-21 11:31

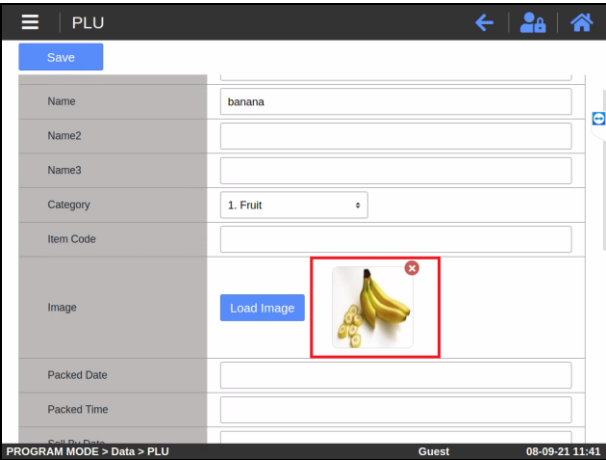
3) Click the field to insert the information using on-screen keyboard.

The screenshot shows the 'PLU' (Product List Unit) screen. At the top, there is a 'Save' button. Below it, several fields are visible: 'Department No.' with a dropdown menu showing '1. default', 'PLU No.' with the value '11', 'PLU Type' with radio buttons for 'WEIGHT' (selected) and 'COUNT', 'Unit Price' (highlighted with a red box), and 'Name'. At the bottom of the screen, an on-screen numeric keypad is displayed, featuring digits 0-9, a decimal point, and navigation buttons like 'next' and a dropdown arrow.

4) Click “Load Image” button to assign a product image.

(Product images can be transferred via CL-Works Pro)

This screenshot shows a different section of the 'PLU' screen. It includes fields for 'Name7', 'Name8', 'Category' (with a dropdown), 'Short Key', 'Item Code', 'Image' (with a 'Load Image' button highlighted by a red box), 'Packed Date', 'Packed Time', 'Packed Time Static' (showing 'hh:mm'), 'Sell By Date', and 'Sell By Time'. The bottom status bar indicates 'PROGRAM MODE > Data > PLU', 'Guest', and the date/time '2020-08-11 11:41'.



5) Type in necessary and additional data of PLU No., PLU Type, Unit Price and Name1, then save.

PLU

Save

Department No. Default

PLU No. 10001

PLU Type ☒ Weight ☐ Count

Unit Price 10.5

Name1 apple

Name2

Name3

Name4

Name5

Name6

Name7

PROGRAM MODE > Data > PLU Guest 2020-08-11 11:43

### 3.2.1.2. Modify PLU

1) Click a PLU to begin modification.

PLU

New Default ALL

PLU No.	Short Code	ProductType	Product Name	Unit Price
1	28	COUNT	apple	150
2		WEIGHT	avocado	11
3		WEIGHT	banana	5
4		WEIGHT	beef	5
5		WEIGHT	bell-pepper	5
6		WEIGHT	bread	15
7		WEIGHT	Perilla leaf	30
8		WEIGHT	Apple	31
9		WEIGHT	Banana	0
10		WEIGHT	Fine apple	2
11		WEIGHT	Sweet Potato	12

PROGRAM MODE > Data > PLU Guest 2020-08-11 11:27

2) Modify PLU data, then press “Save” button.

PLU

Save Delete

Department No. Default

PLU No. 1

PLU Type ☐ Weight ☒ Count

Unit Price 150

Name1 apple

Name2

Name3

Name4

Name5

Name6

Name7

PROGRAM MODE > Data > PLU Guest 2020-09-11 11:27

### 3.2.1.3. Delete PLU

1) Click the PLU which needs to be deleted.

PLU

New 1. default ALL

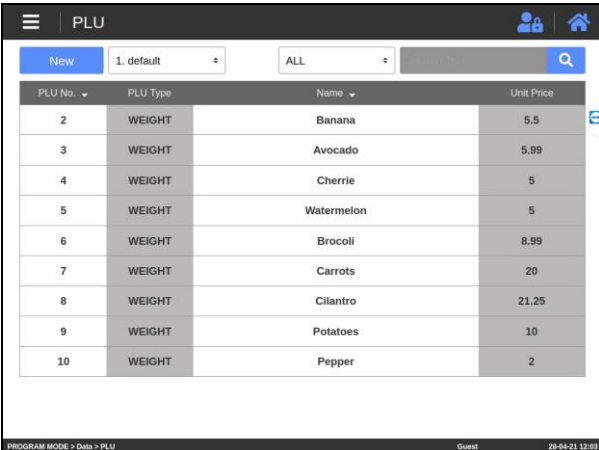
PLU No.	PLU Type	Name	Unit Price
1	COUNT	Apple	15.5
2	WEIGHT	Banana	5.5
3	WEIGHT	Avocado	5.99
4	WEIGHT	Cherrie	5
5	WEIGHT	Watermelon	5
6	WEIGHT	Broccoli	8.99
7	WEIGHT	Carrots	20
8	WEIGHT	Cilantro	21.25
9	WEIGHT	Potatoes	10
10	WEIGHT	Pepper	2

PROGRAM MODE > Data > PLU Guest 20-04-21 11:57

2) Click “Delete” button to delete the selected PLU.

The screenshot shows the 'PLU' management screen. At the top, there is a header bar with a menu icon, the title 'PLU', and navigation icons (back, user, home). Below the header, there are two buttons: 'Save' (blue) and 'Delete' (orange with a red 'X' icon). The 'Delete' button is highlighted with a red rectangle. The main form contains several fields: 'Department No.' (dropdown menu showing 'Default'), 'PLU No.' (text input with '1'), 'PLU Type' (radio buttons for 'Weight' and 'Count', with 'Count' selected), 'Unit Price' (text input with '150'), and seven 'Name' fields (Name1 to Name7). Name1 contains the text 'apple'. At the bottom, there is a status bar with 'PROGRAM MODE > Data > PLU', 'Guest', and a timestamp '2020-08-11 11:28'.

The screenshot shows the same 'PLU' management screen, but with an 'Alarm' dialog box overlaid in the center. The dialog box has a dark header with the title 'Alarm' and a white body with the text 'Are you sure you want to delete this PLU?'. At the bottom of the dialog box, there are two buttons: 'OK' (green) and 'Close' (red). The 'OK' button is highlighted with a red rectangle. The background form is dimmed. The status bar at the bottom shows 'PROGRAM MODE > Data > PLU', 'Guest', and a timestamp '20-04-21 12:01'.



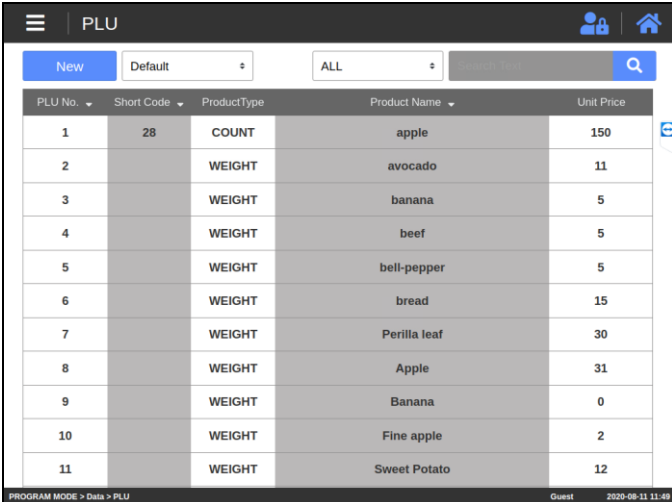
The screenshot shows the 'PLU' menu interface. At the top, there is a navigation bar with a menu icon, the title 'PLU', and user icons. Below this is a filter section with a 'New' button, a dropdown set to '1. default', a dropdown set to 'ALL', and a search icon. The main area contains a table with the following data:

PLU No.	PLU Type	Name	Unit Price
2	WEIGHT	Banana	5.5
3	WEIGHT	Avocado	5.99
4	WEIGHT	Cherrie	5
5	WEIGHT	Watermelon	5
6	WEIGHT	Broccoli	8.99
7	WEIGHT	Carrots	20
8	WEIGHT	Cilantro	21.25
9	WEIGHT	Potatoes	10
10	WEIGHT	Pepper	2

At the bottom of the screen, a status bar shows 'PROGRAM MODE > Data > PLU', 'Guest', and the date/time '28-04-21 12:03'.

## 3.2.1.4. PLU List

1) Enter PLU menu to see a PLU list.

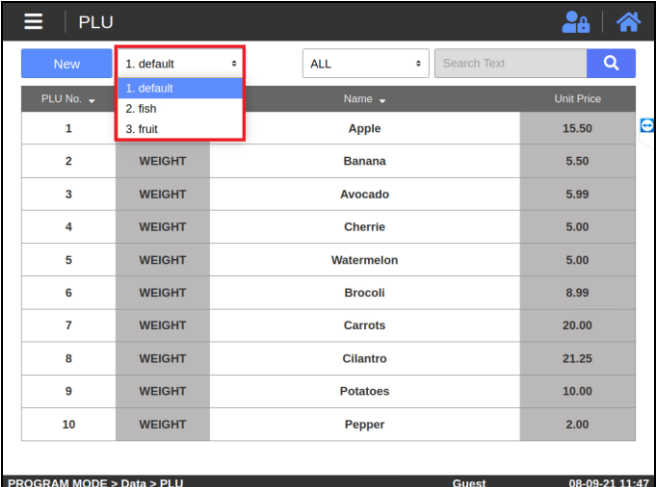


The screenshot shows the 'PLU' menu interface with a different set of data. The filter section at the top shows 'New', 'Default', 'ALL', and a search icon. The table contains the following data:

PLU No.	Short Code	ProductType	Product Name	Unit Price
1	28	COUNT	apple	150
2		WEIGHT	avocado	11
3		WEIGHT	banana	5
4		WEIGHT	beef	5
5		WEIGHT	bell-pepper	5
6		WEIGHT	bread	15
7		WEIGHT	Perilla leaf	30
8		WEIGHT	Apple	31
9		WEIGHT	Banana	0
10		WEIGHT	Fine apple	2
11		WEIGHT	Sweet Potato	12

The status bar at the bottom shows 'PROGRAM MODE > Data > PLU', 'Guest', and the date/time '2020-08-11 11:49'.

## 2) Search the Department

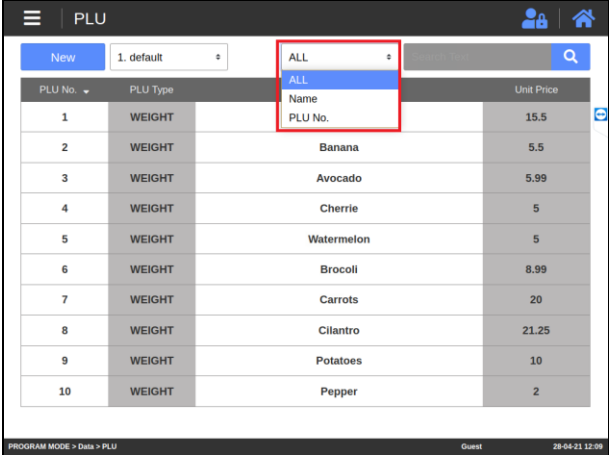


PROGRAM MODE > Data > PLU

Guest 08-09-21 11:47

PLU No.	PLU Type	Name	Unit Price
1	WEIGHT	Apple	15.50
2	WEIGHT	Banana	5.50
3	WEIGHT	Avocado	5.99
4	WEIGHT	Cherrie	5.00
5	WEIGHT	Watermelon	5.00
6	WEIGHT	Brocoli	8.99
7	WEIGHT	Carrots	20.00
8	WEIGHT	Cilantro	21.25
9	WEIGHT	Potatoes	10.00
10	WEIGHT	Pepper	2.00

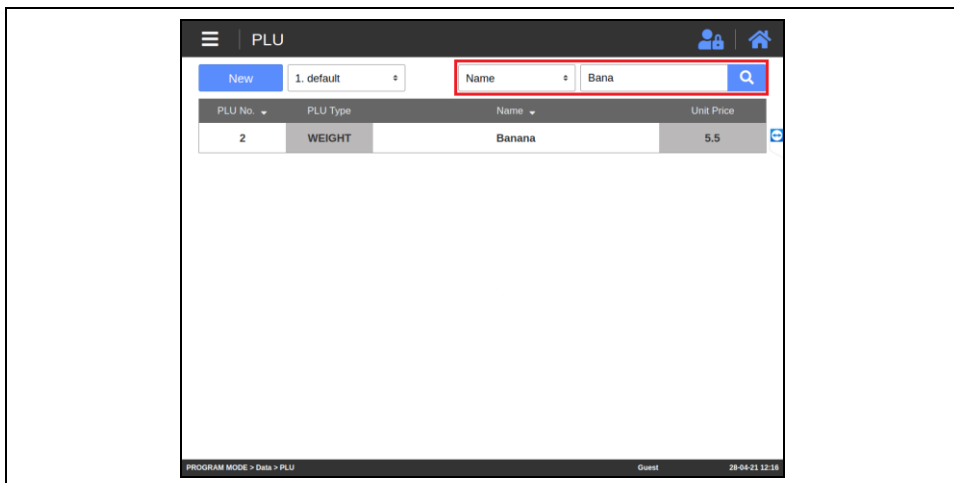
## 3) Search the PLU by typing PLU No. or Name in the searching field.



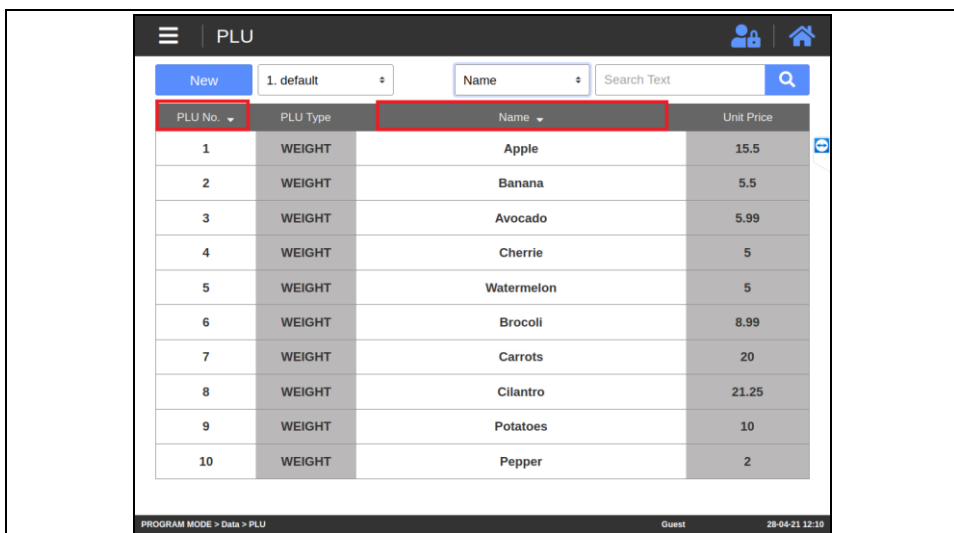
PROGRAM MODE > Data > PLU

Guest 28-04-21 12:09

PLU No.	PLU Type	Name	Unit Price
1	WEIGHT	Apple	15.5
2	WEIGHT	Banana	5.5
3	WEIGHT	Avocado	5.99
4	WEIGHT	Cherrie	5
5	WEIGHT	Watermelon	5
6	WEIGHT	Brocoli	8.99
7	WEIGHT	Carrots	20
8	WEIGHT	Cilantro	21.25
9	WEIGHT	Potatoes	10
10	WEIGHT	Pepper	2

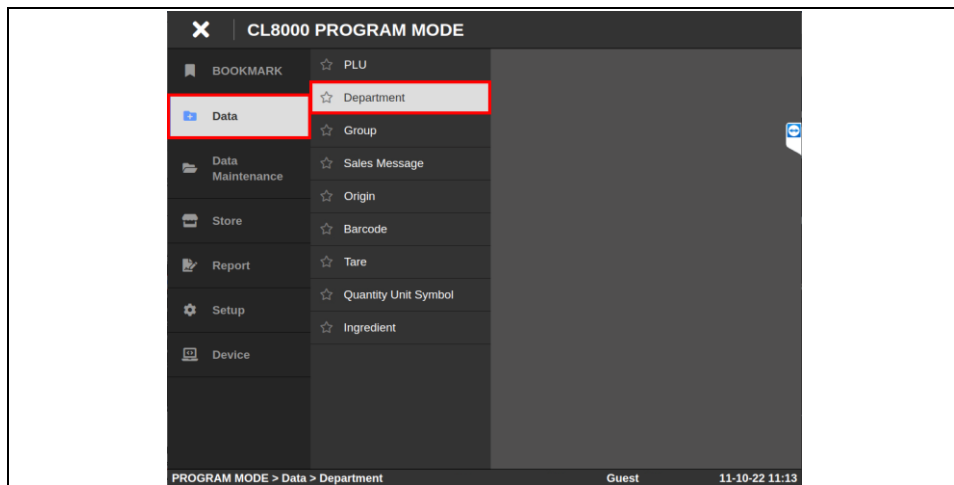


4) PLU No., Short Code and Product Name fields can be clicked to arrange the items per the selected field.



### 3.2.2. Data – Department

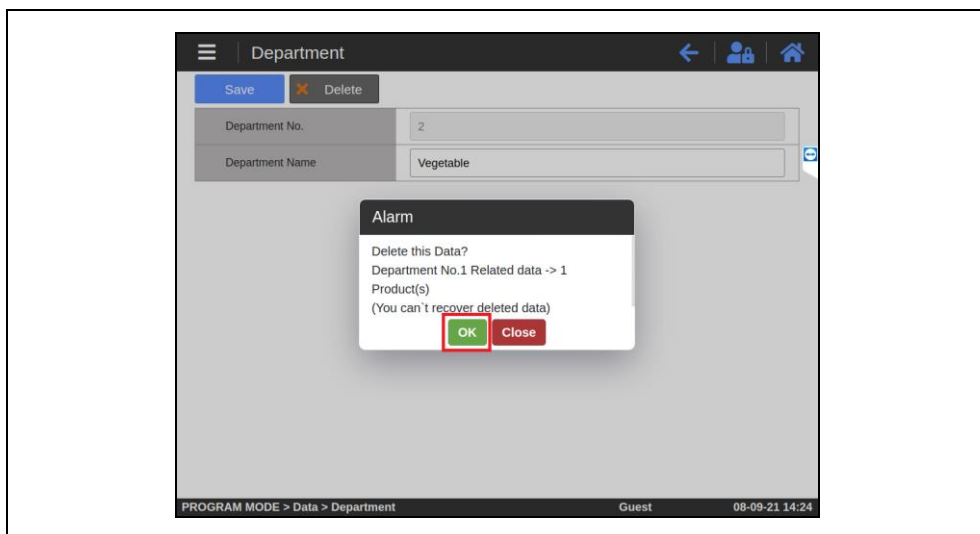
- This menu is for generating, modifying and deleting a query of department data



#### 1) Delete Department

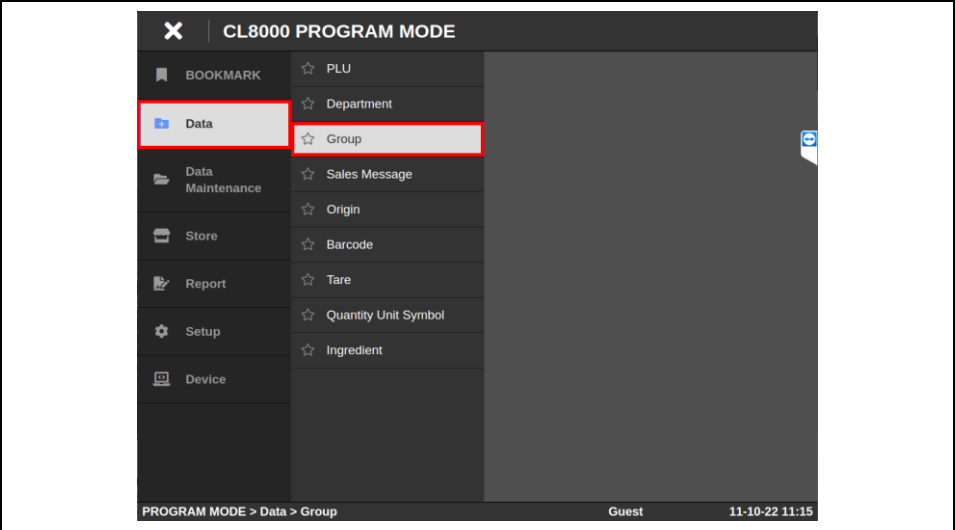
(Please note that Department No. 1 is undeletable)

\*Caution: Deleting a department will also delete all PLUs in the department



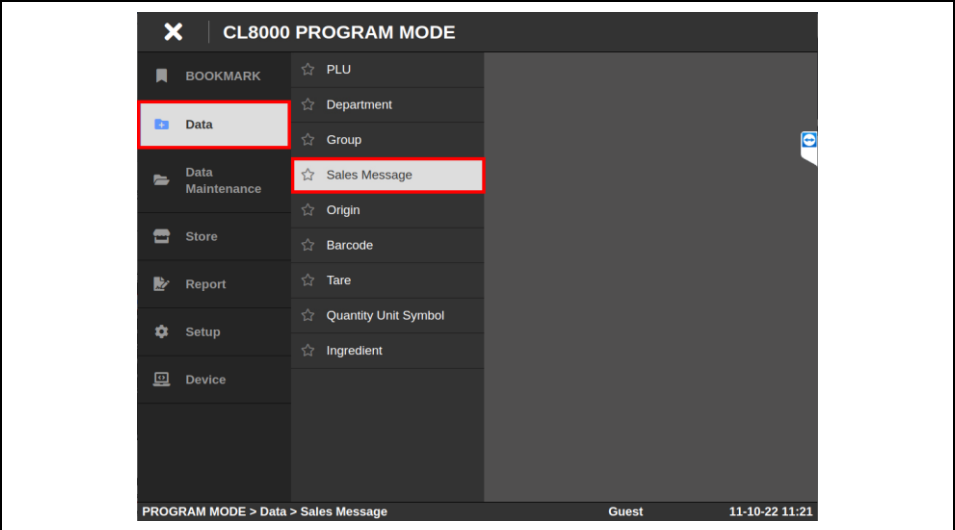
3.2.3. Data – Group

- This menu is for generating, modifying, deleting and querying Group data



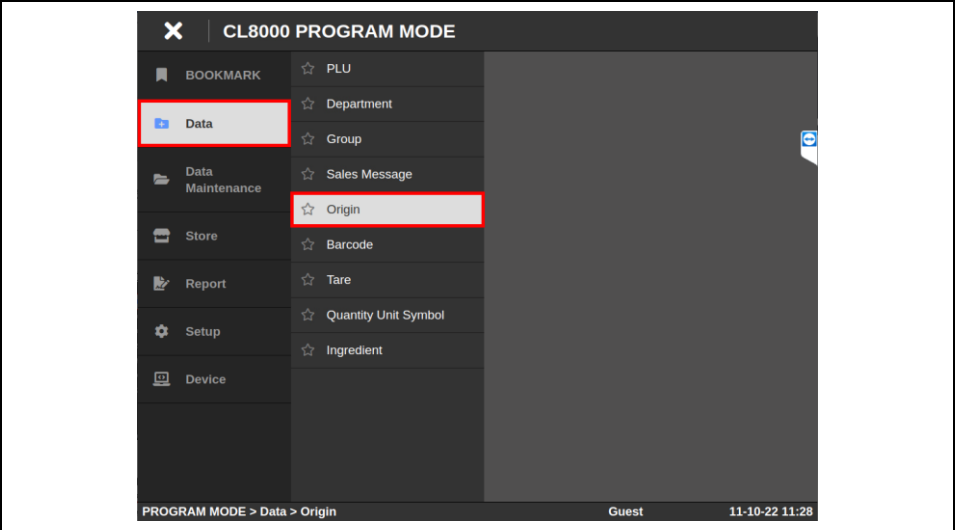
3.2.4. Data – Sales Message

- This menu is for generating, modifying, and deleting Sales Message data



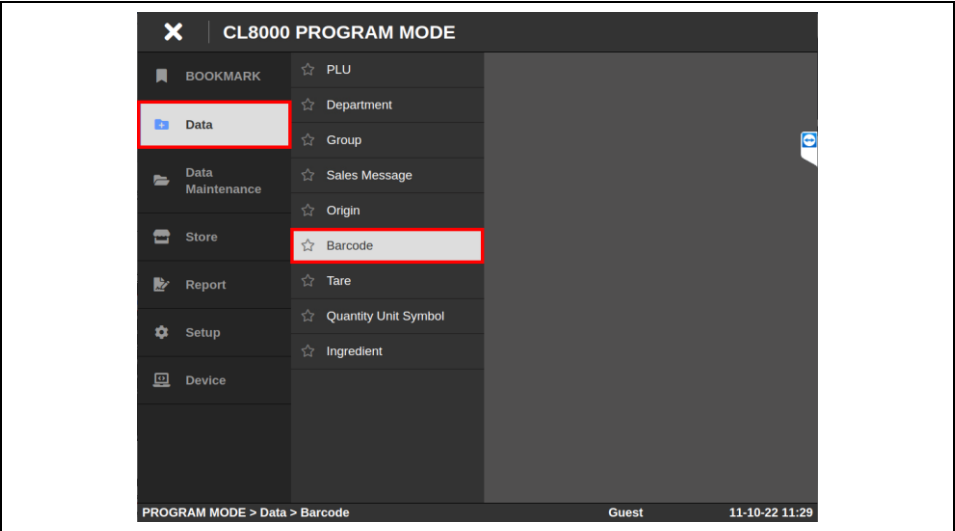
3.2.5. Data – Origin

- This menu is for generating, modifying, and deleting Origin data



3.2.6. Data – Barcode

- This menu is for generating, modifying and deleting Barcode data

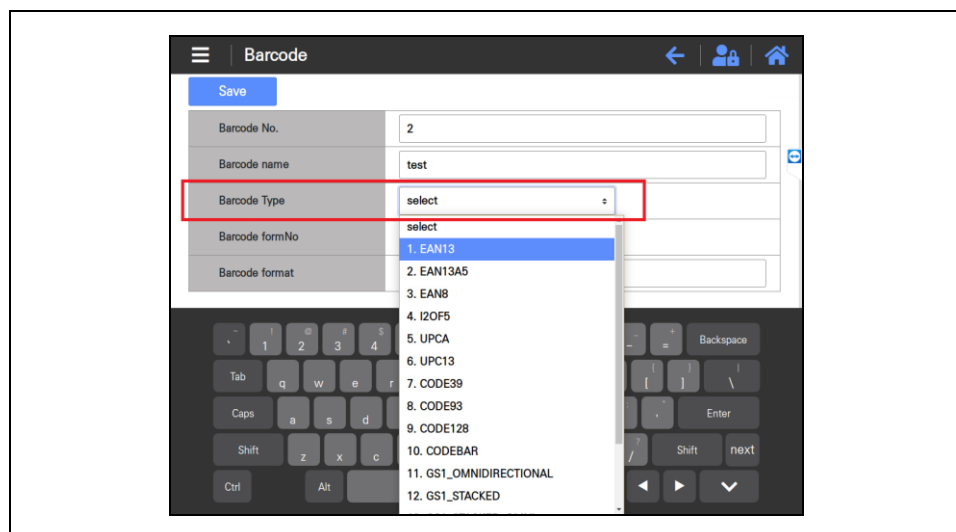


### 3.2.6.1. Create New Barcode

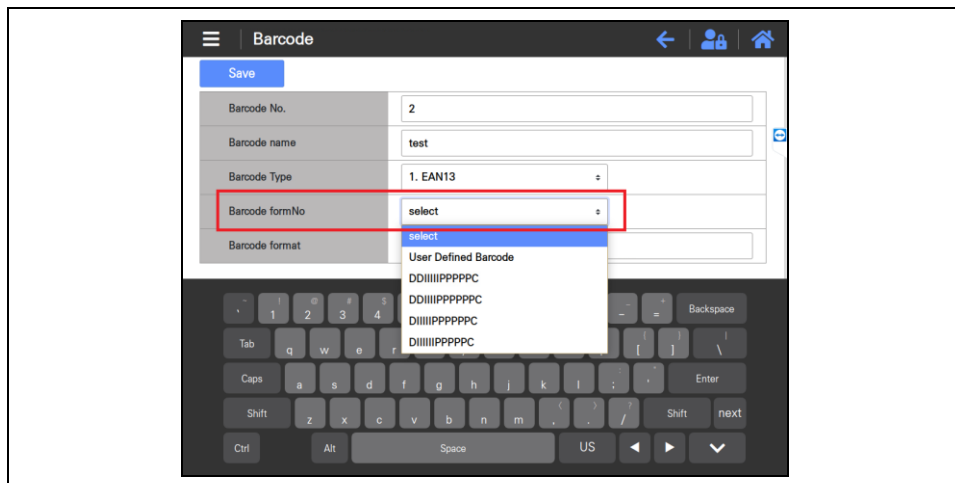
1) Click “New” button.



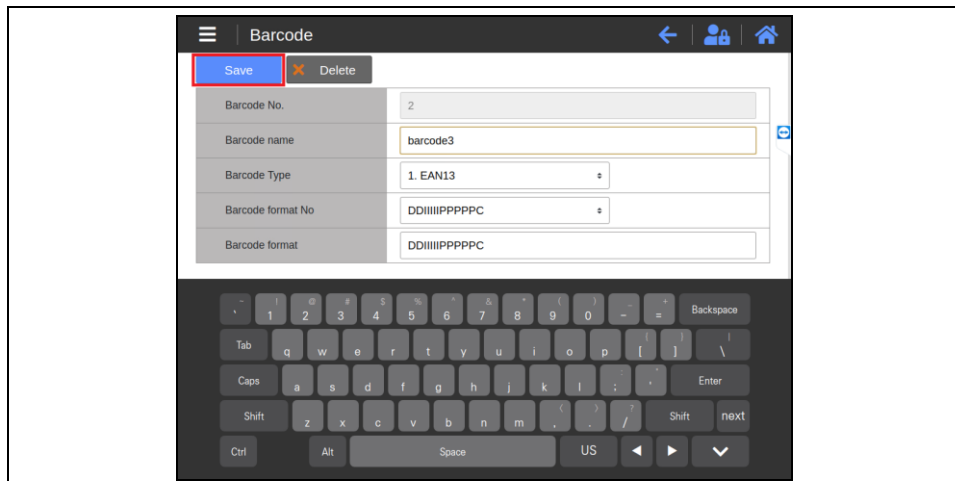
2) Type in Barcode No. and Name, then set Barcode Type.



3) Once the Barcode Type is set, choose a format from the list or manually key in the format.

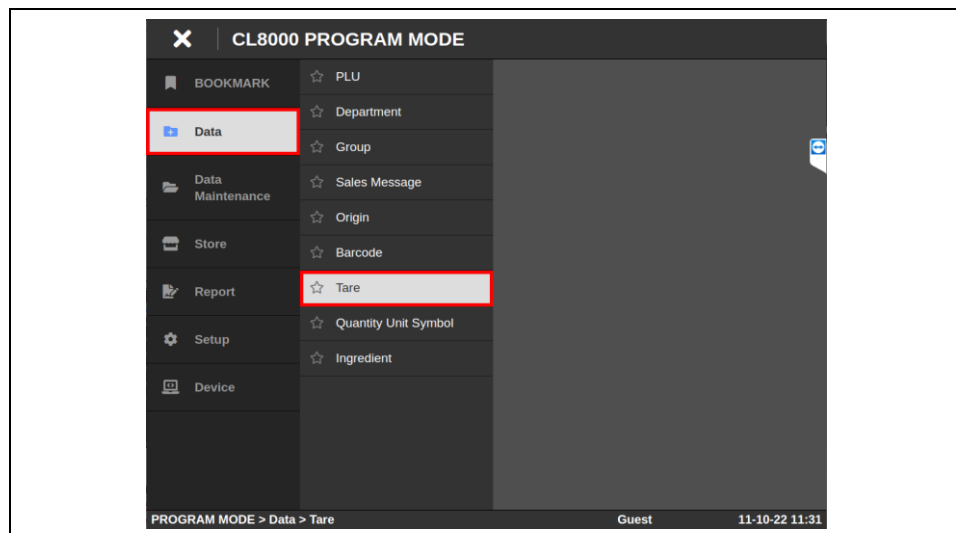


4) After completing the fields, click “Save” button.



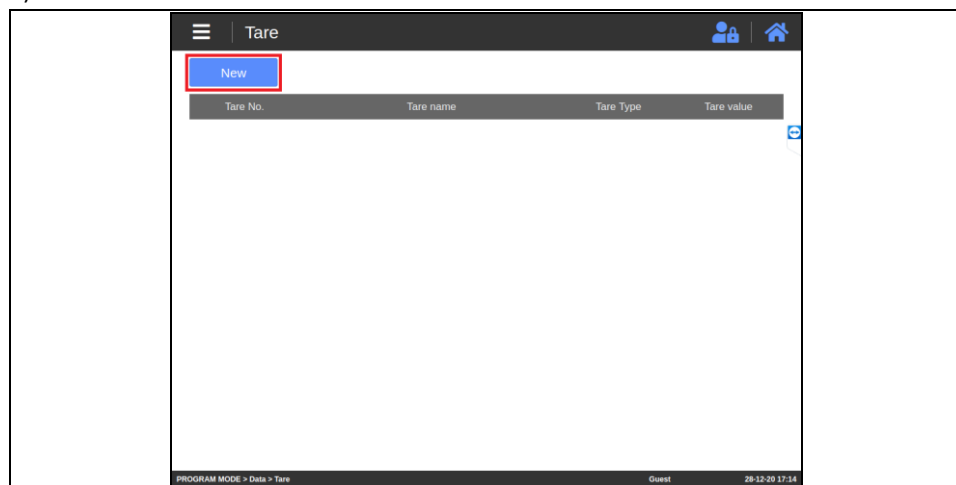
### 3.2.7. Data – Tare

- This menu is for generating, modifying and deleting Tare data.



#### 3.2.7.1. Create New Tare

1) Click “New” button.



## 2) Type in Tare No. and Tare Name

The screenshot shows the 'Tare' configuration screen. At the top, there is a menu icon, the title 'Tare', and navigation icons (back, user, home). Below the title are 'Save' and 'Delete' buttons. The main area contains four input fields: 'Tare No.' with the value '1', 'Tare name' with the value 'tare1', 'Tare Type' with a dropdown menu showing '1. Numeric Tare', and 'Tare value' with the value '0.34'. A red rectangle highlights these four fields. At the bottom, a status bar displays 'PROGRAM MODE > Data > Tare', the user 'dealer', and the time '09-09-21 10:19'.

Tare No.	1
Tare name	tare1
Tare Type	1. Numeric Tare
Tare value	0.34

PROGRAM MODE > Data > Tare      dealer      09-09-21 10:19

## 3) Choose a Tare Type

The screenshot shows the 'Tare' configuration screen with the 'Tare Type' dropdown menu open. The dropdown menu lists three options: 'Select' (highlighted in blue), '1. Numeric Tare', and '2. Weight Tare'. A red rectangle highlights the dropdown menu. The other fields ('Tare No.', 'Tare name', 'Tare value') are empty. At the bottom, the status bar displays 'PROGRAM MODE > Data > Tare', the user 'Guest', and the time '28-12-20 17:14'.

Tare No.	1
Tare name	
Tare Type	Select
Tare value	

PROGRAM MODE > Data > Tare      Guest      28-12-20 17:14

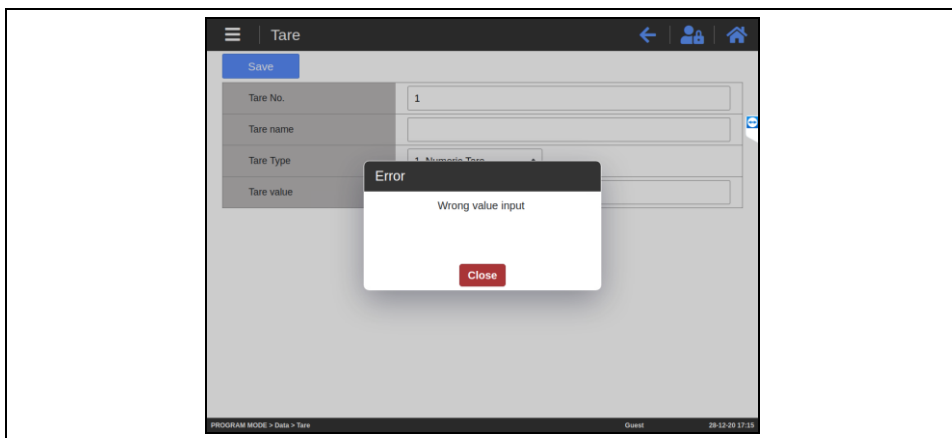
4) Depending on the Tare Type, the Tare value can be entered directly or through weight measurement.

-Numeric Tare: you can directly enter the Tare value.

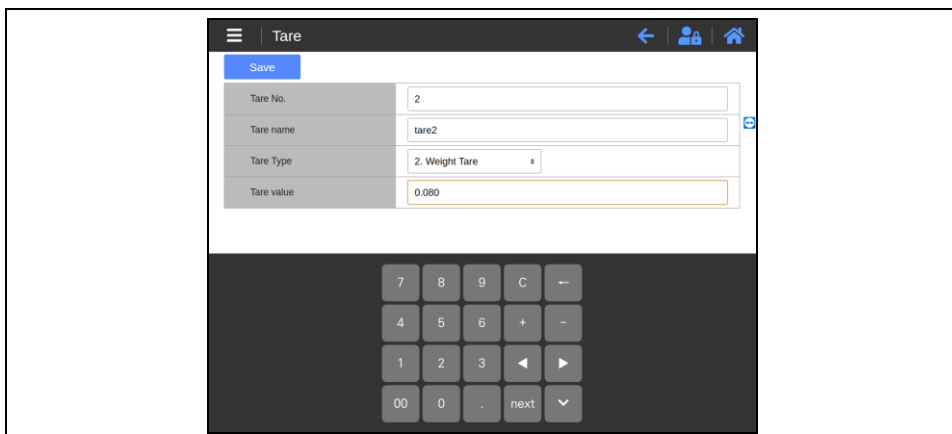
The Tare value must be entered according to the unit of weight measurement.

( Ex: in the case of 6/15kg e=d=2/5g, less than 6kg : 0.02kg / over 6kg : 0.05kg)

If an incorrect value is entered, the following warning window is displayed



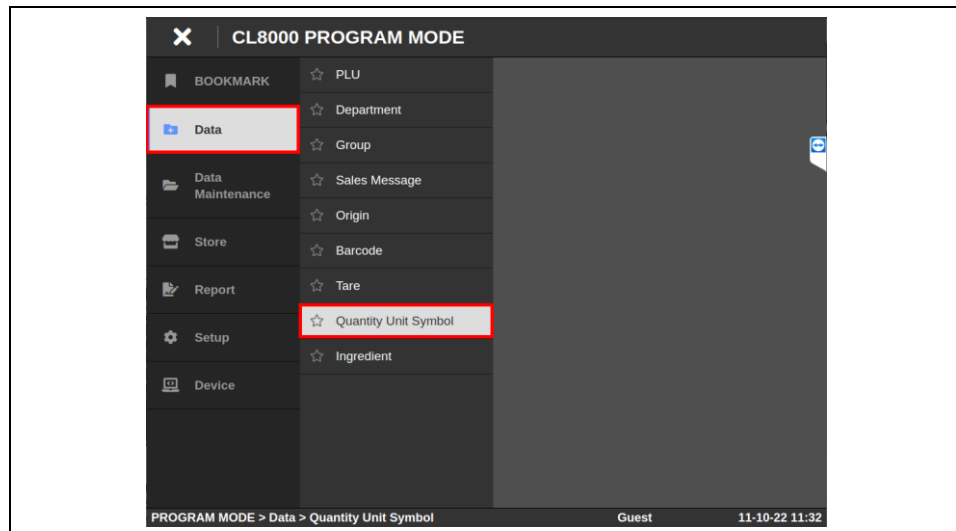
-Weight Tare : Enter the actual weight measured value.



### 3.2.8. Data – Quantity Unit Symbol

- This menu is for generating, modifying and deleting Quantity Unit Symbol data.

(You can specify each PLU's counting units for products)



### 3.2.9. Data – Ingredient

- Two ways to Enter Ingredients

1. indirect ingredient <3.2.9.1>

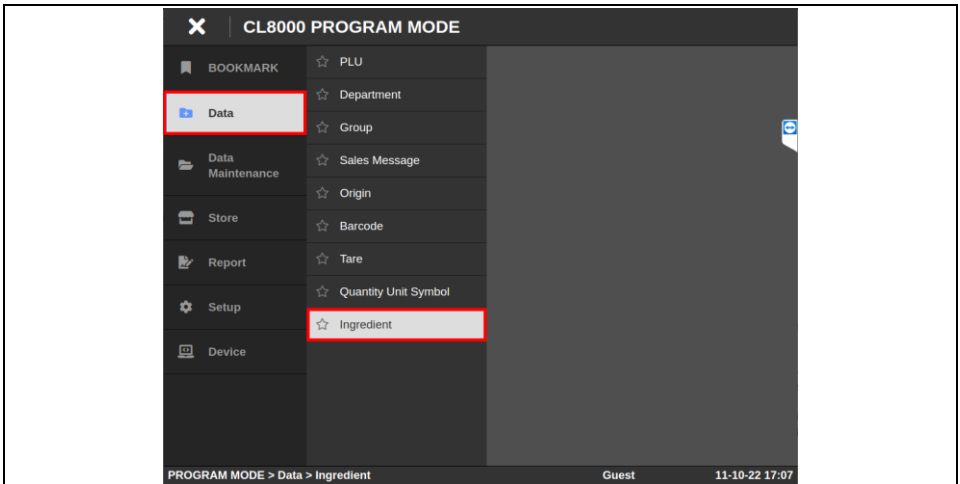
: Storing ingredient information in the ingredient menu and indirectly using the information by selecting it in PLU

2. direct ingredient <3.2.9.2>

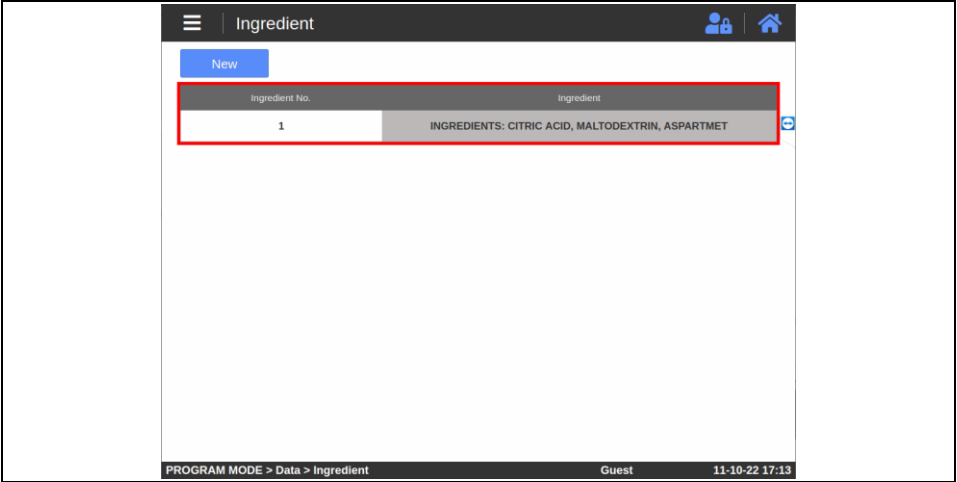
: Directly inputting ingredient information into PLU and using it.

#### 3.2.9.1. Indirect Ingredient

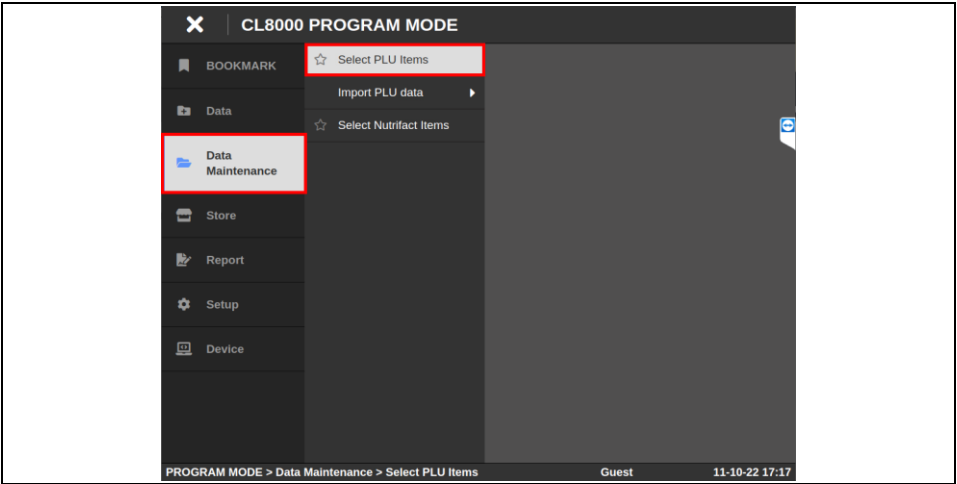
1) Go to ingredient menu.



2) Enter ingredient information.



3) Go to Data Maintenance > Select PLU Items Setting Menu



4) Set the ingredient ID field to “yes” and save.

☰

Select PLU Items

Save

Packed Date Flag

YES  NO

Packed Time flag

Yes  No

Sell By Date Flag

Yes  No

Sell By Time Flag

Yes  No

Ingredient Id

Yes  No

Ingredient

Yes  No

Sales Message No.

Yes  No

Nutrition facts

Yes  No

Discount No.

Yes  No

Category

Yes  No

Short Key

Yes  No

Packed Time Static

Yes  No

PROGRAM MODE > Data Maintenance > Select PLU Items

Guest

11-10-22 17:19

5) Go to Data > PLU

✕

CL8000 PROGRAM MODE

BOOKMARK

Data

Data Maintenance

Store

Report

Setup

Device

☆

 PLU

☆

 Group

☆

 Sales Message

☆

 Origin

☆

 Barcode

☆

 Tare

☆

 Quantity Unit Symbol

☆

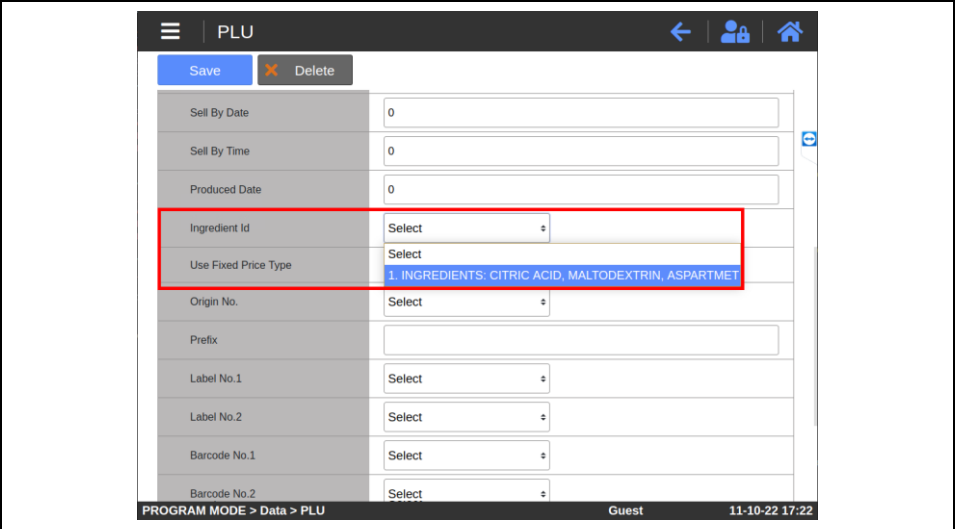
 Ingredient

PROGRAM MODE > Data > PLU

Guest

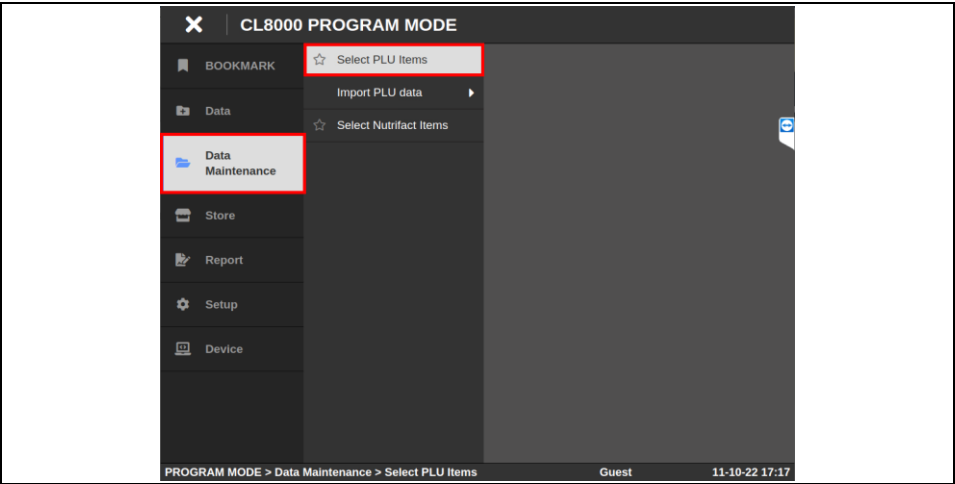
11-10-22 11:10

6) It can be used of the ingredient information you saved in the ingredient menu.

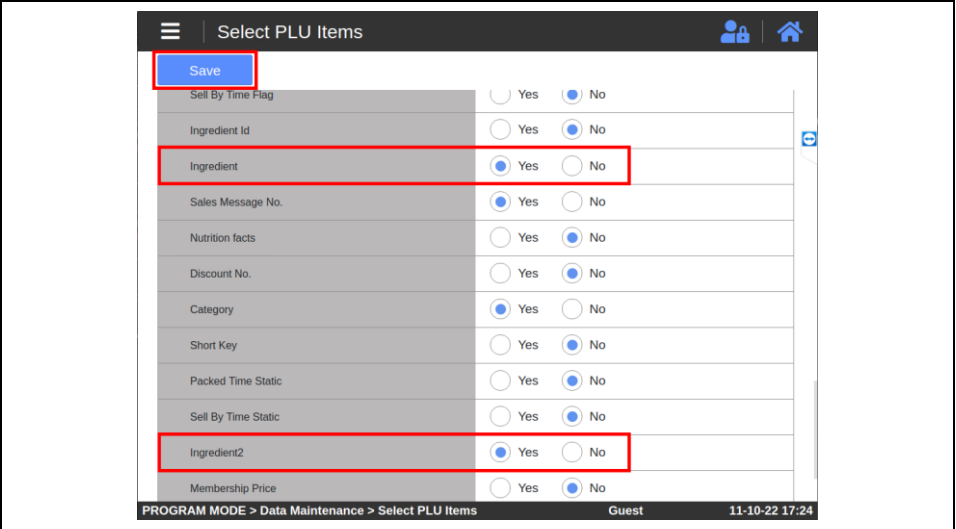


3.2.9.2. Direct Ingredient

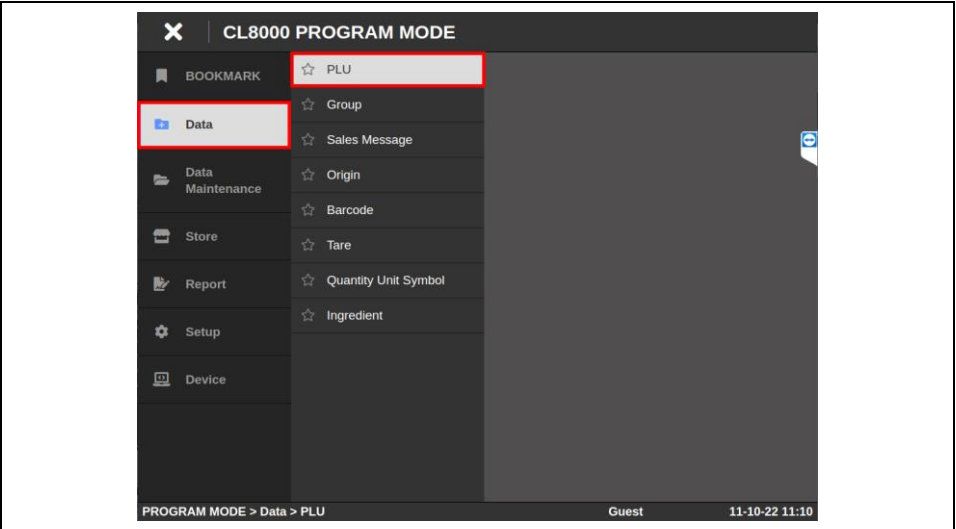
1) Go to the Data Maintenance > Select PLU Items setting menu.



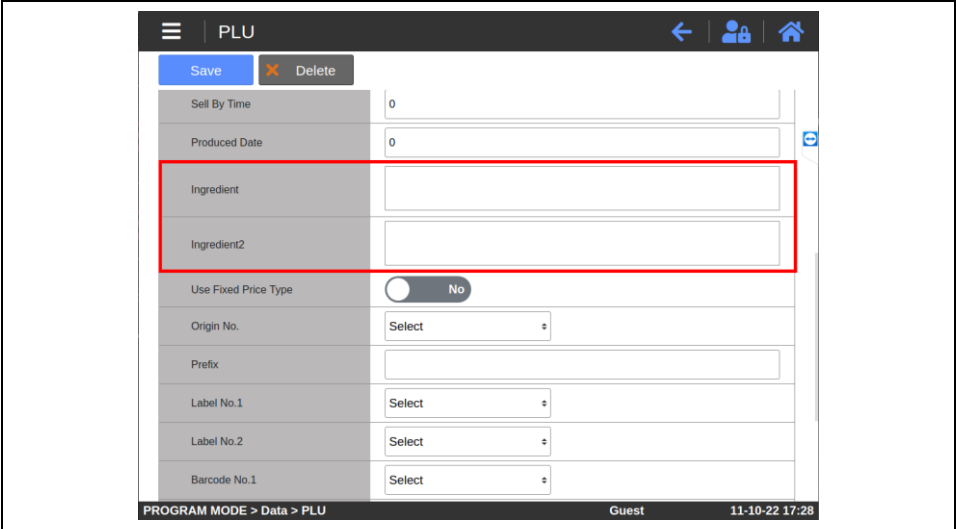
2) Set the ingredient and ingredient fields to “yes” and save.



3) Go to Data > PLU menu.

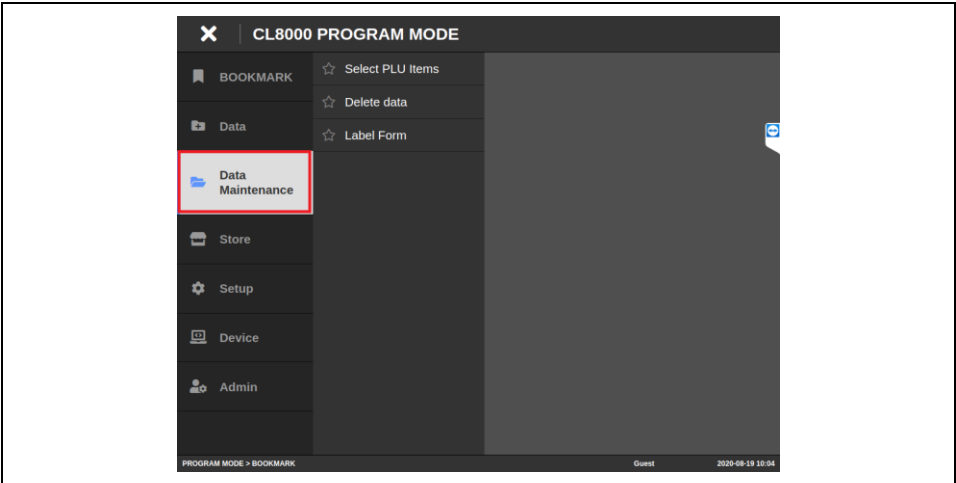


4) It can be used this by directly entering the ingredient field for each product.



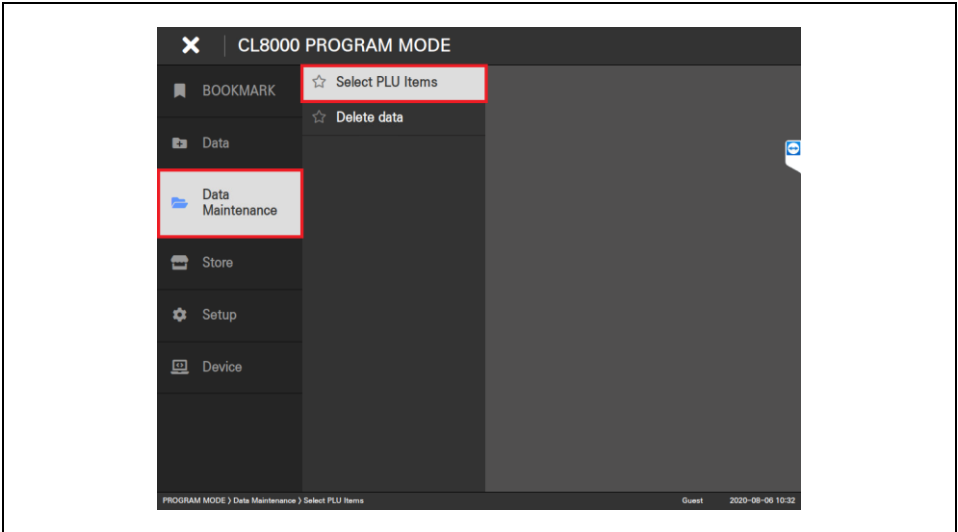
**3.3. DATA MAINTENANCE MENU**

- Please refer to the following steps to access Data Maintenance menu.

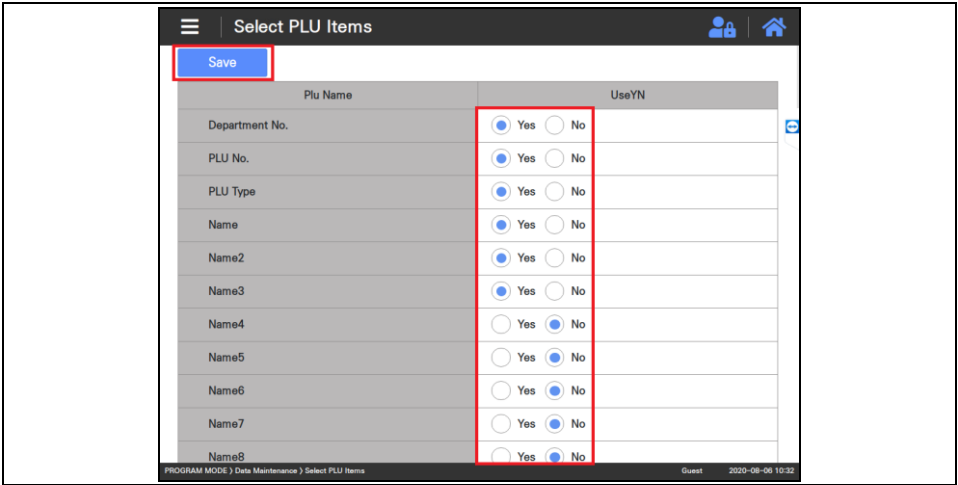


3.3.1. Data Maintenance – Select PLU Items

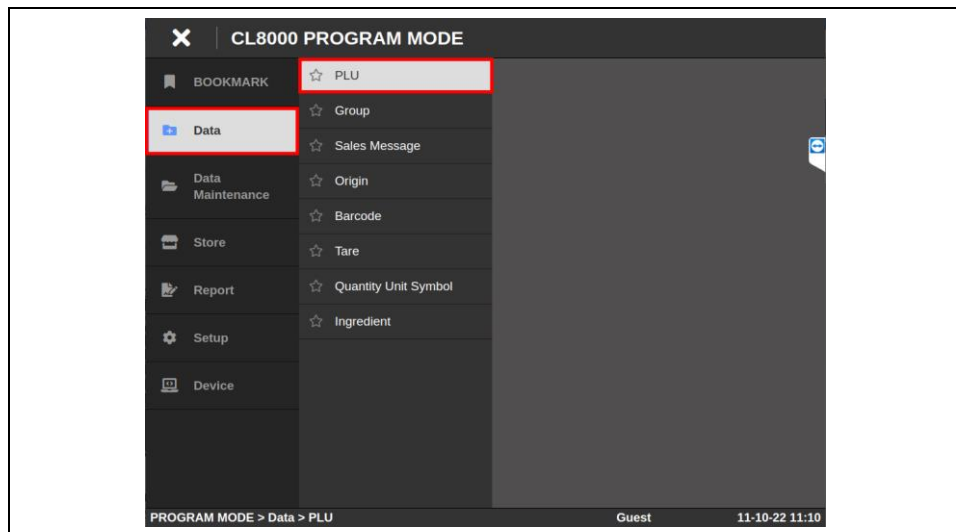
- You can choose to display or hide PLU fields in Data - PLU menu.



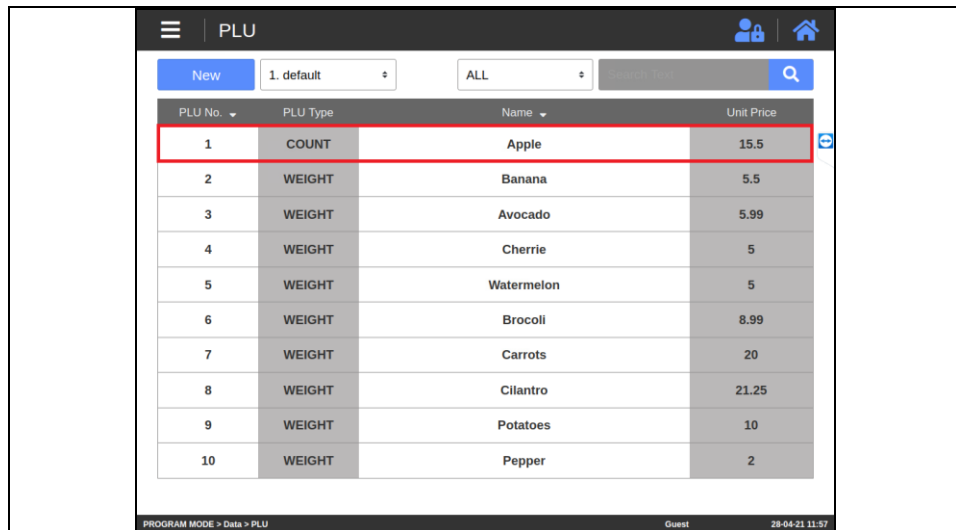
1) Items that are checked “Yes” will be displayed on the PLU; items with “No” will be hidden. Once the selection is complete, press “Save” button.



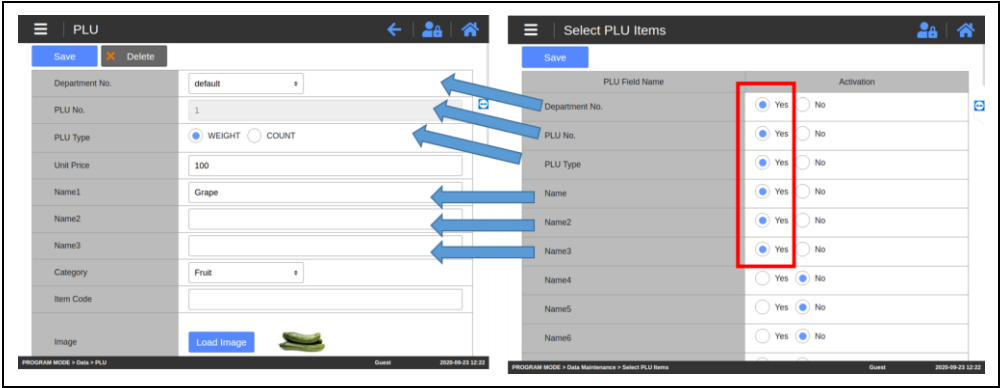
2) Enter “PLU” submenu under “Data” menu to make sure that the settings have been applied.



3) Select the PLU.



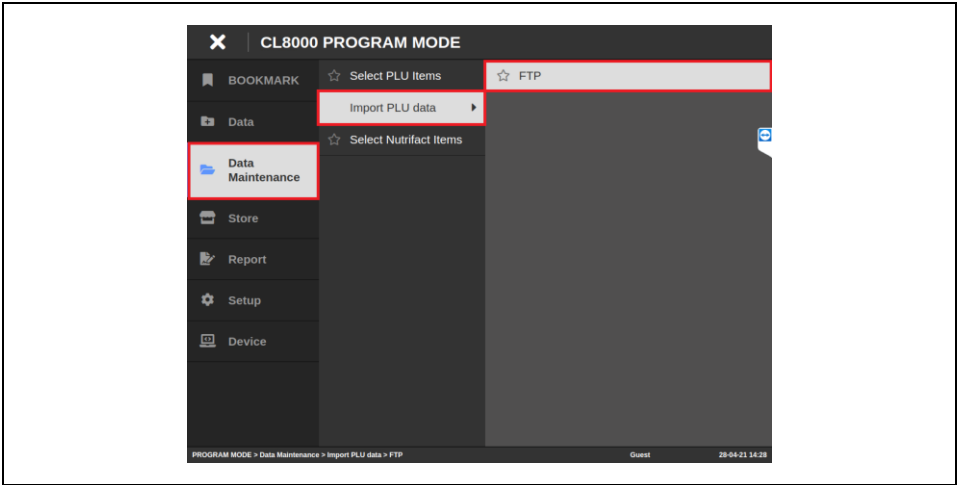
4) Check the PLU fields.



3.3.2. Data Maintenance – Import PLU data

- Import PLU data from external device

3.3.2.1. FTP



## 1) Enter the FTP server connection information (FTP Config)

The screenshot shows the 'FTP Config' screen with the following fields and values:

Field	Value
Ip Address	172.16.18.48
Port	21
User ID	user1
Password	*****
FTP File Path	/
FTP File Name	PLU *.txt
FTP Backup File Location	/backup
FTP Backup/Delete	None
File Comment	//

Buttons: Save, Connect Test

Footer: PROGRAM MODE > Data Maintenance > Import PLU data > FTP      Guest      28-04-21 14:33

# IP Address

# Port

# User ID – FTP server user ID

# Password – FTP server password

# FTP File Path – FTP Server file Path

# FTP File Name – FTP Server file name, extension

# FTP Backup File Location – FTP server backup path

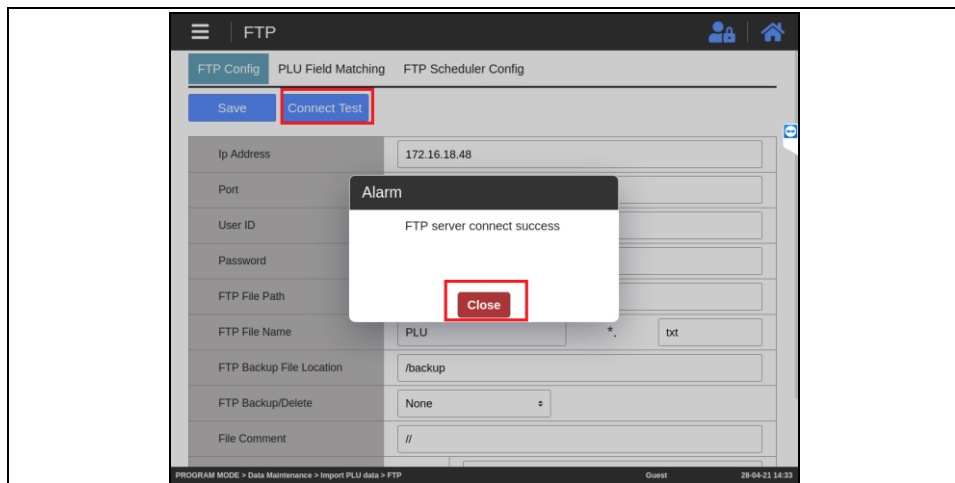
# FTP Backup Delete – Whether to back up and delete files in FTP Server

# File Comment – Skip Sign. (Lines beginning with this letter are ignored)

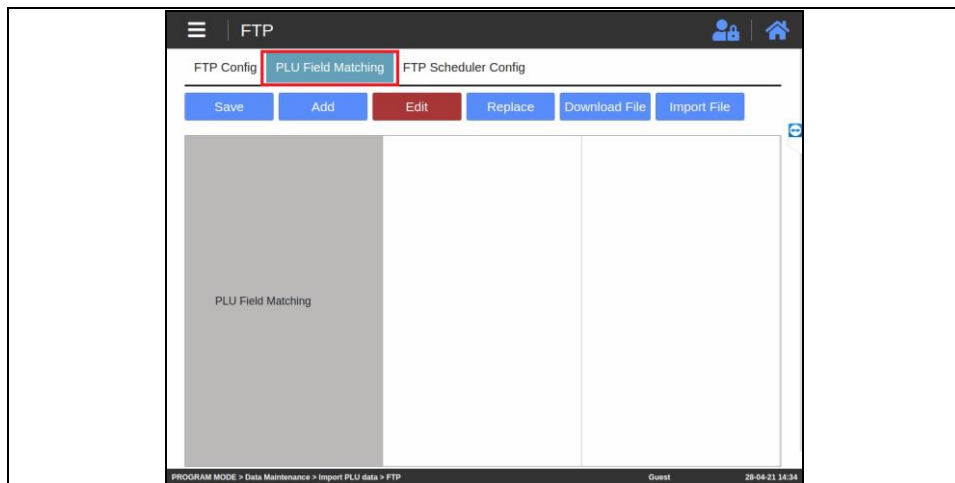
# File Separator – Separates each item in the file

# File Start Line – The line number in the file to start reading (If it starts with 0 or 1, read from the first line)

## 2) Click 'Connect Test' button to check the possibility of connection

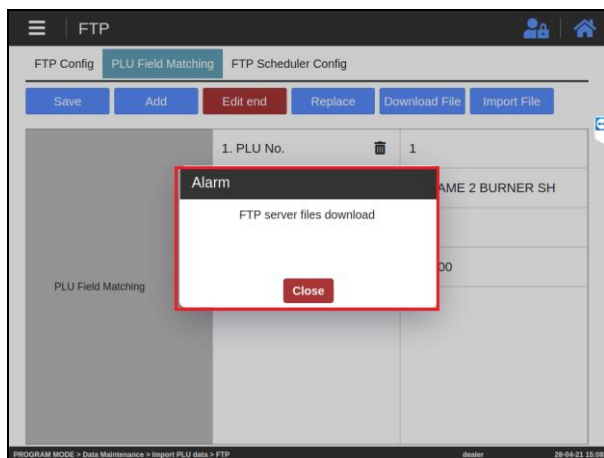
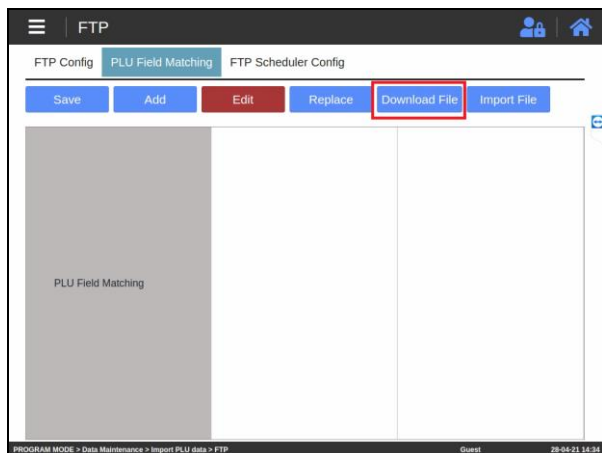


### 3) Move to the 'PLU Field Matching' menu



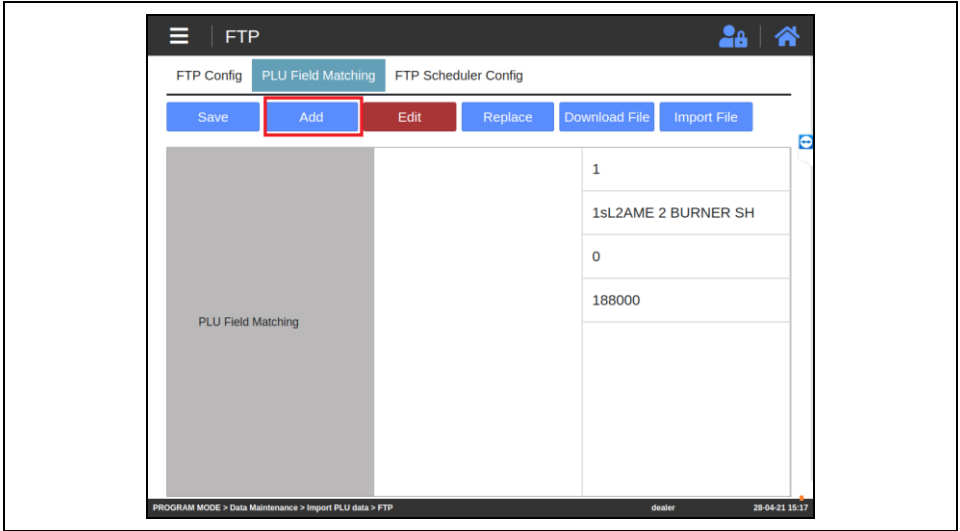
### 4) Click 'Download File' button to download file from FTP server.

Check the first line (start line) data after success to download



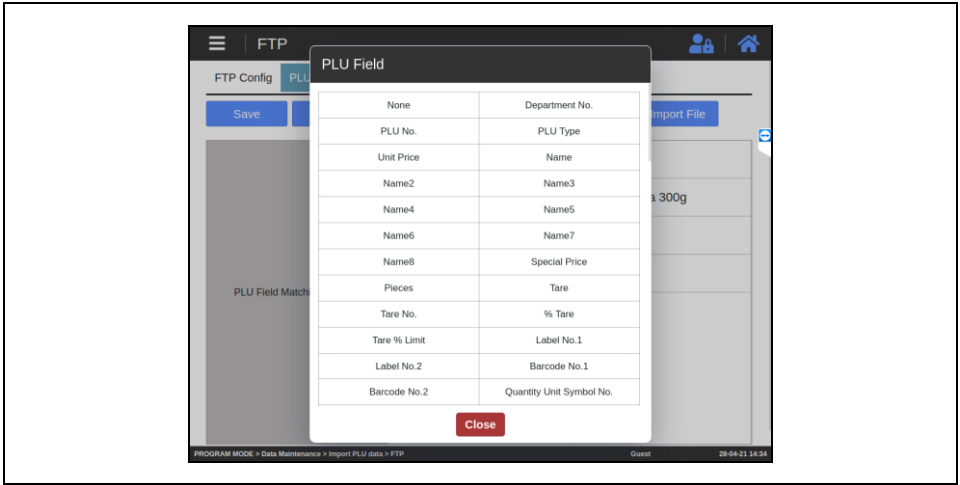
5-1) Assign each item in the file to each item in the PLU

Click 'Add' button to add additional information



5-2) Select 'None' for unused items

Each item can set once. ('None' can set multiple times)



## 5-3) '=' button can change the location

FTP Config | **PLU Field Matching** | FTP Scheduler Config

Save Add Edit Replace Download File Import File

PLU Field Matching	1. PLU No.	=	1
	2. Name	=	1sL2AME 2 BURNER SH
	3. PLU Type	=	0
	4. Unit Price	=	188000

PROGRAM MODE > Data Maintenance > Import PLU data > FTP dealer 28-04-21 15:07

## 5-4) Click the 'Edit end' button to delete the fields using delete icon.

Click the 'Save' button to save the information.

FTP Config | **PLU Field Matching** | FTP Scheduler Config

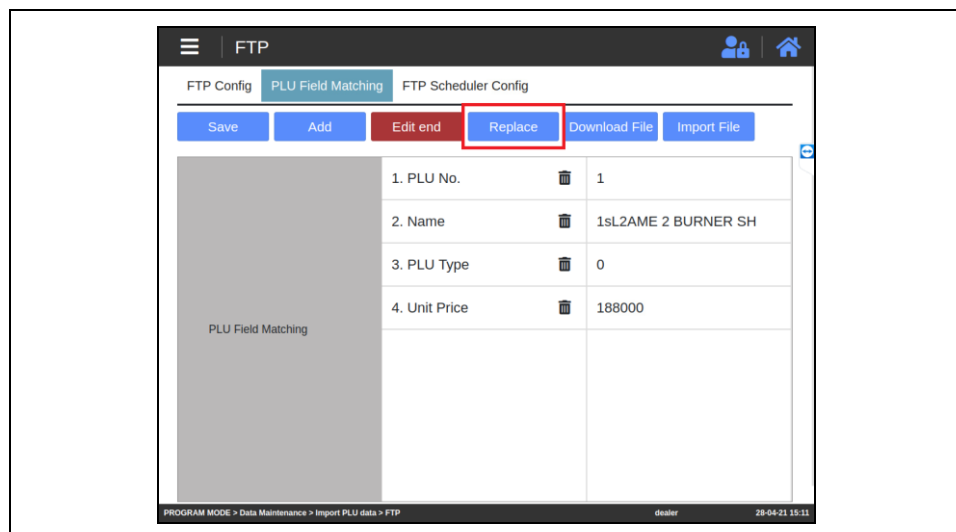
Save Add Edit end Replace Download File Import File

PLU Field Matching	1. PLU No.	🗑	1
	2. Name	🗑	1sL2AME 2 BURNER SH
	3. PLU Type	🗑	0
	4. Unit Price	🗑	188000

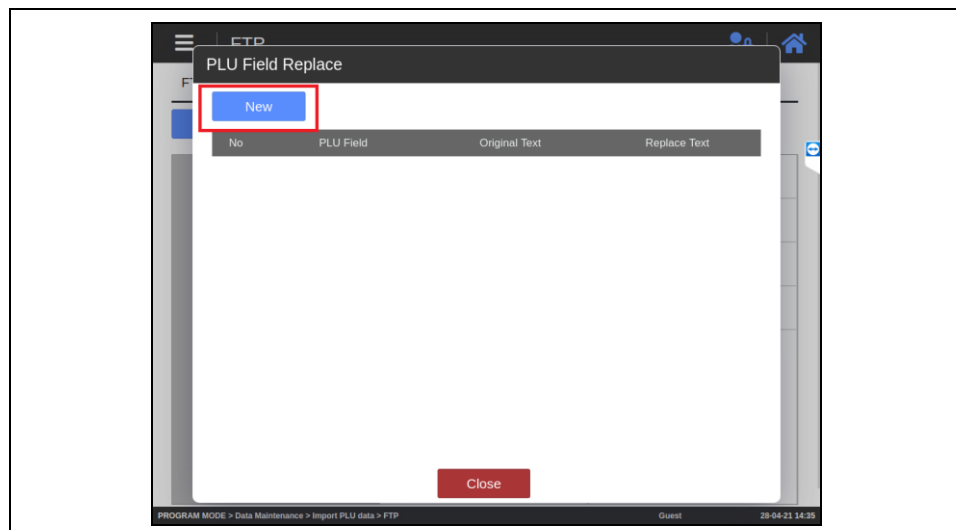
PROGRAM MODE > Data Maintenance > Import PLU data > FTP dealer 28-04-21 15:07

6-1) Use 'Replace' function to convert the value of items

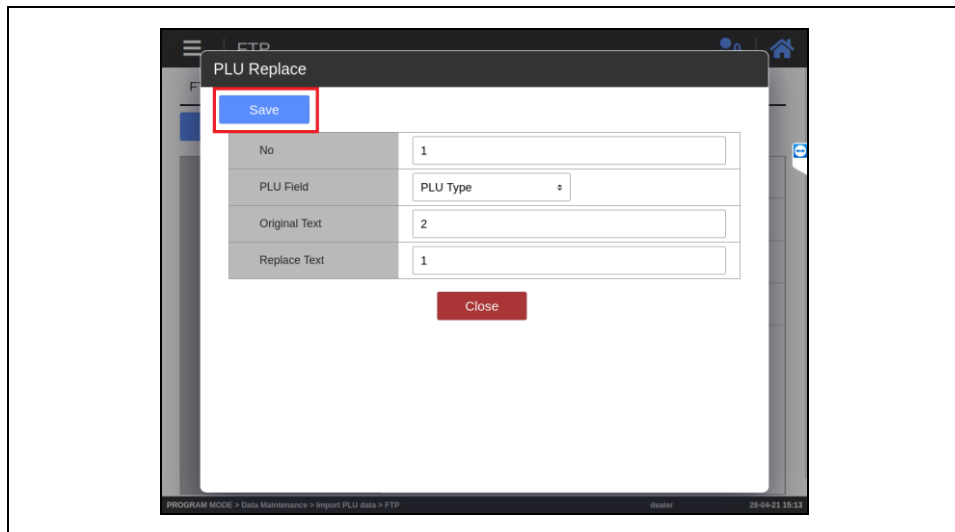
Click the 'Replace' button.



6-2) Click the 'New' button.



6-3) Enter the value, click the 'Save' button



# PLU Field – Select PLU item

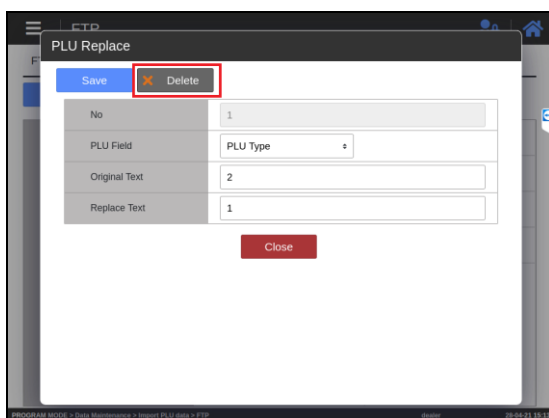
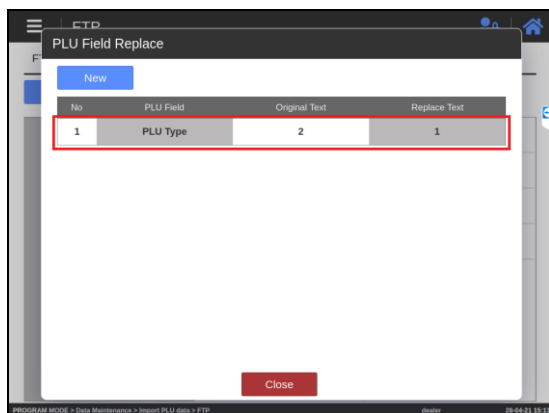
# Original Text – The Original value of the item in file

# Replace Text – The Value to change

# Ex) In case of PLU Type, Original Text :2, Replace Text :1

=> If the value of PLU type in the file is 2, it is changed to 1

6-4) Delete or modify the Replace settings



7) Click the Import File button to import the file data into the scale according to the matching settings.

The screenshot shows the 'FTP Field Matching' configuration screen. At the top, there are three tabs: 'FTP Config', 'PLU Field Matching' (selected), and 'FTP Scheduler Config'. Below the tabs are six buttons: 'Save', 'Add', 'Edit', 'Replace', 'Download File', and 'Import File'. The 'Import File' button is highlighted with a red rectangular box. Below the buttons is a table with four rows of configuration data:

1. PLU No.	=	1
2. Name	=	1sL2AME 2 BURNER SH
3. PLU Type	=	0
4. Unit Price	=	188000

At the bottom of the screen, there is a status bar with the text 'PROGRAM MODE > Data Maintenance > Import PLU data > FTP', 'dealer', and '28-04-21 15:22'.

The screenshot shows the same 'FTP Field Matching' configuration screen, but with an 'Alarm' dialog box displayed in the center. The dialog box has a title bar 'Alarm' and contains the text 'FTP server files were downloaded successfully.' Below the text is a red 'Close' button. The background configuration is partially visible, showing the 'Edit end' button highlighted in red and the first row of the table with '1. PLU No.' and '0001'.

8) Set the automatic import schedule in the 'FTP Scheduler Config' menu.

FTP Config PLU Field Matching **FTP Scheduler Config**

**Save**

Use Scheduler	<input checked="" type="radio"/> Yes <input type="radio"/> No
Start Date	2021-04-01
End Date	2021-04-30
Start Time	08:00
End Time	18:00
Day	0
Hour	1
Minute	0

PROGRAM MODE > Data Maintenance > Import PLU data > FTP Guest 28-04-21 14:39

# Use Scheduler– Whether to automatically proceed with the import operation

# Start Date / End Date

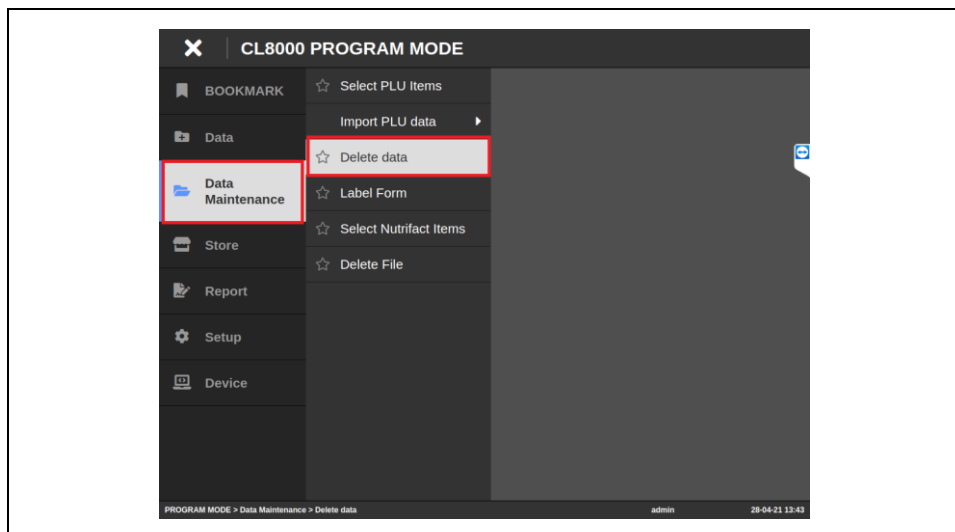
# Start Time / End Time

# Day / Hour / Minute – Schedule Interval

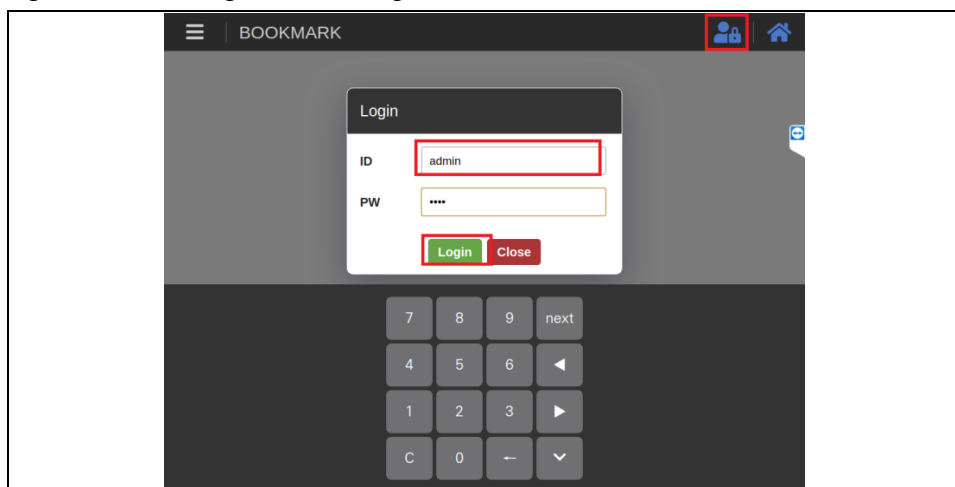
# If 'Use Scheduler' is set to YES, the operation of downloading the file from the FTP server and saving the PLU data to the scale is repeated at every set time interval within the set time and date.

### 3.3.3. Data Maintenance – Delete data

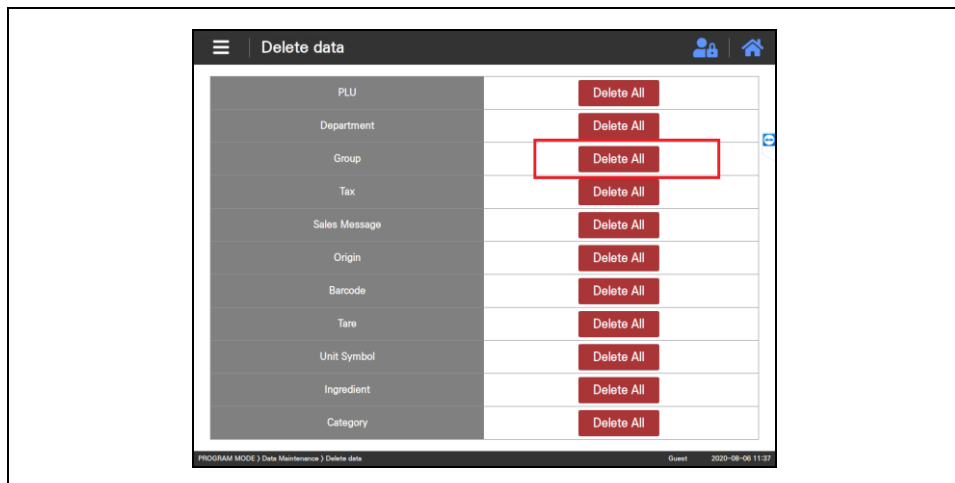
- This page is for deleting saved data by category.



1) This menu can only be accessed by users with user authority level 3 (admin) or higher. Click the login button to log in.



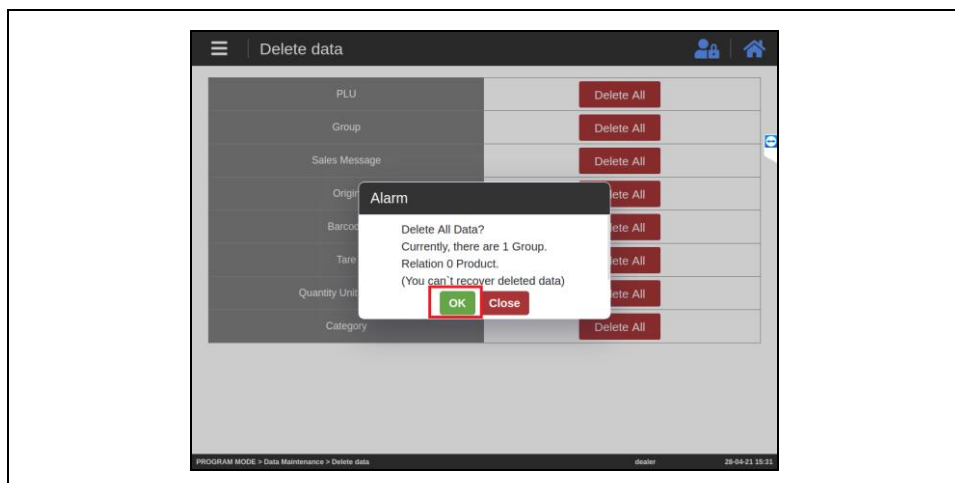
2) Click “Delete All” button located in the same row as the item which needs to be deleted entirely.



3) Once the confirmation window pops up, click “OK” to delete all data of the item.

User will be alerted if there is a PLU which uses the selected data.

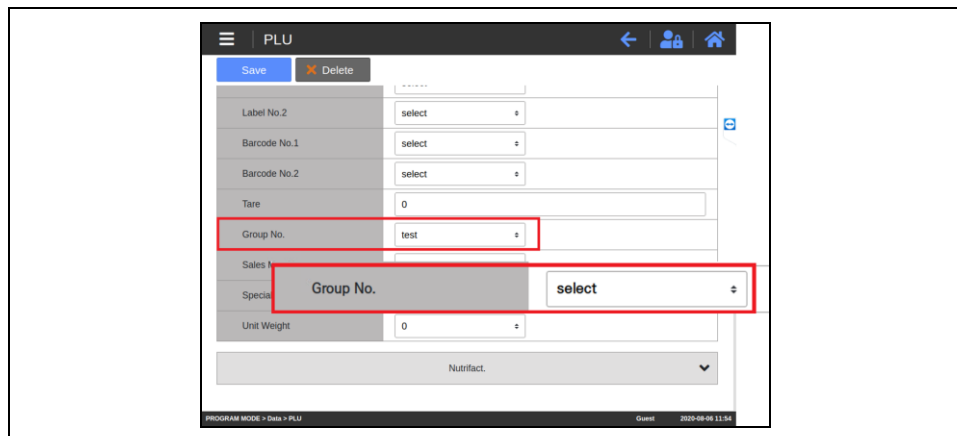
Deleting data in use will remove the data from the used PLUs as well.



## 4) Check the deleted data.



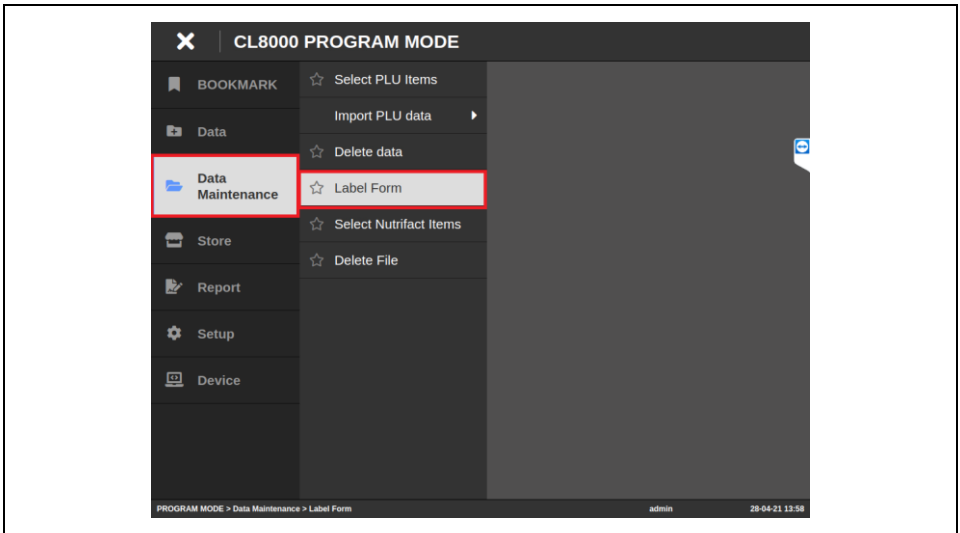
#You can also see in the field(s) which also used the deleted data that the data are deleted.



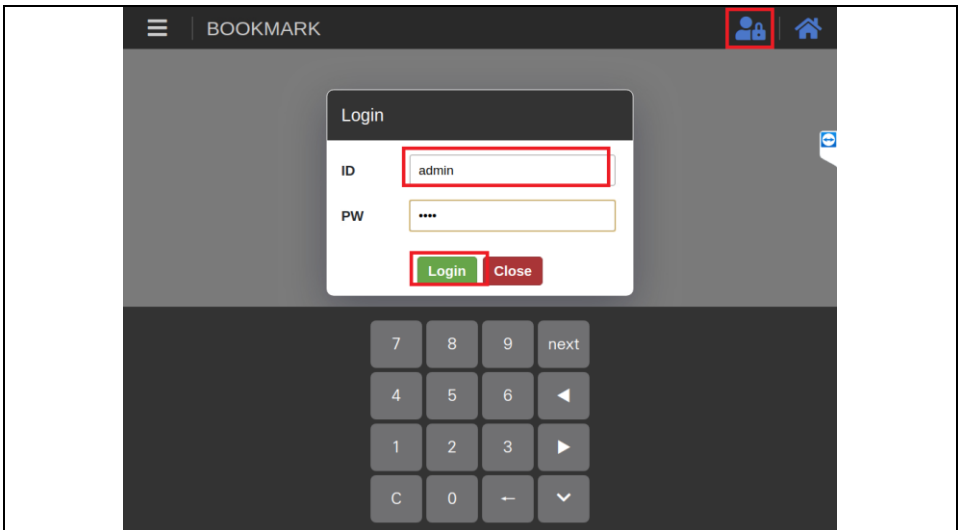
#Caution: In case at least one data needs to remain in a given item, performing Delete All will not delete Data No. 1 (e.g.: Department).

### 3.3.4. Data Maintenance – Label Form

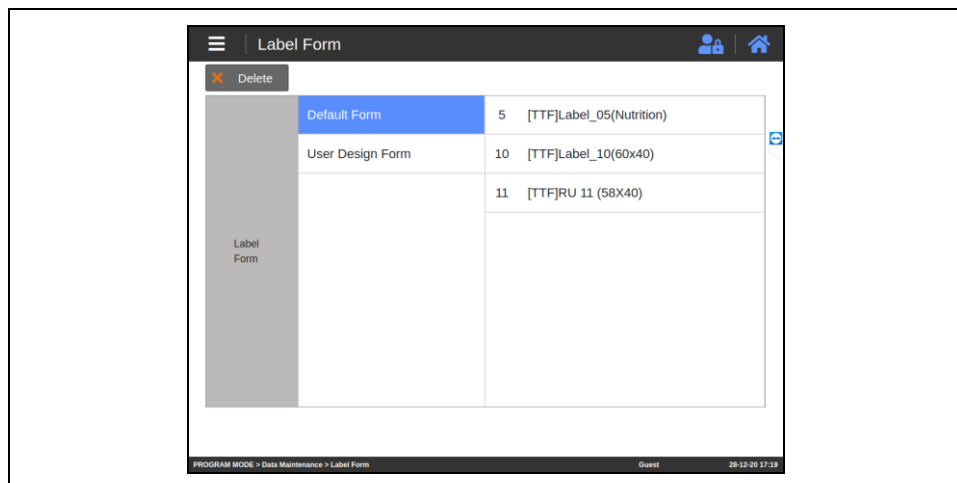
- In this menu, you can delete the label form.



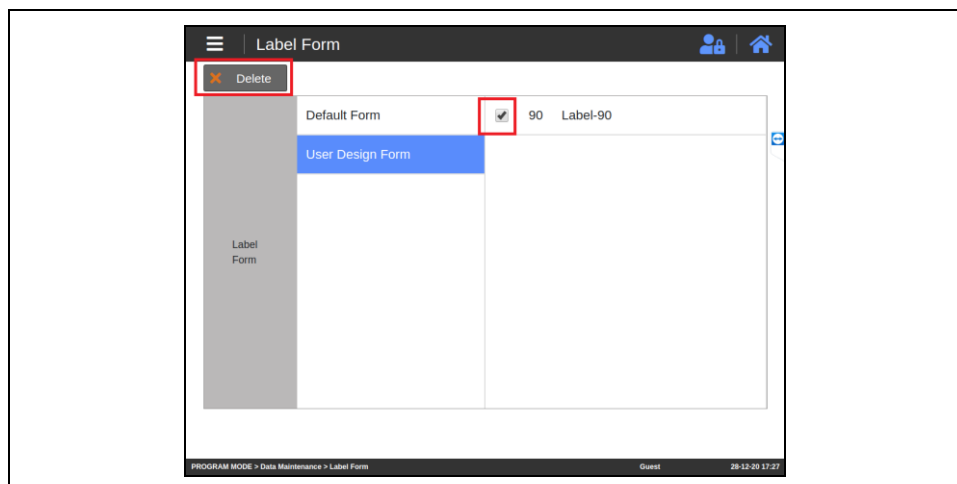
1) This menu can only be accessed by users with user authority level 3 (admin) or higher. Click the login button to log in.

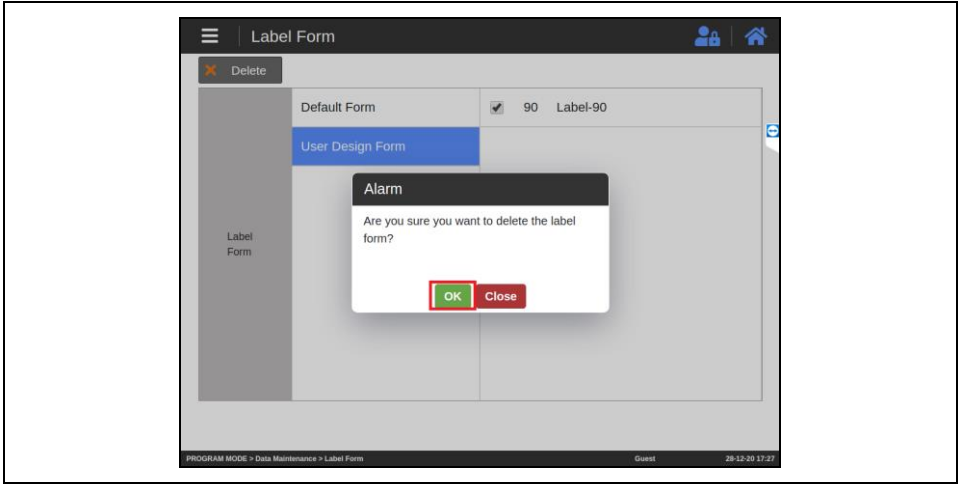


2) 'Default Form' is a label form already saved in the scale and cannot be deleted.



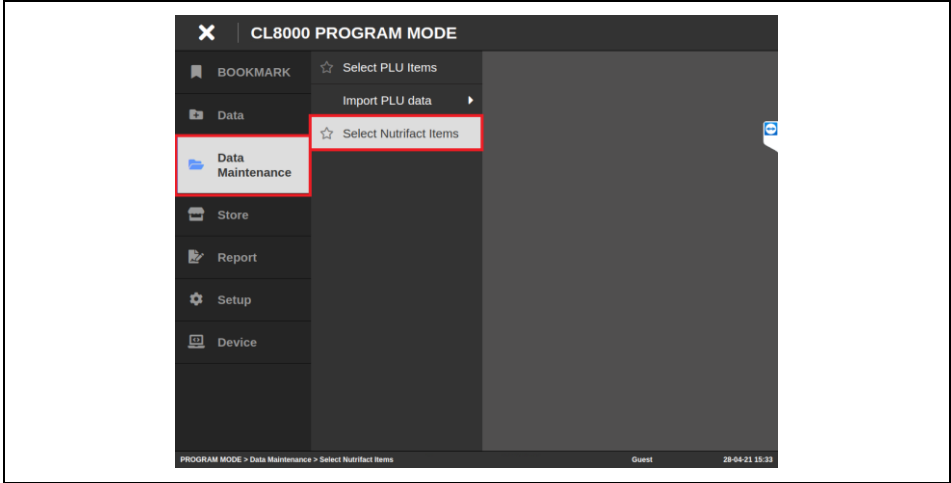
3) 'User Design Form' is a label form saved by the user in the scale, and can be deleted by clicking the 'Delete' button after checking the check box.



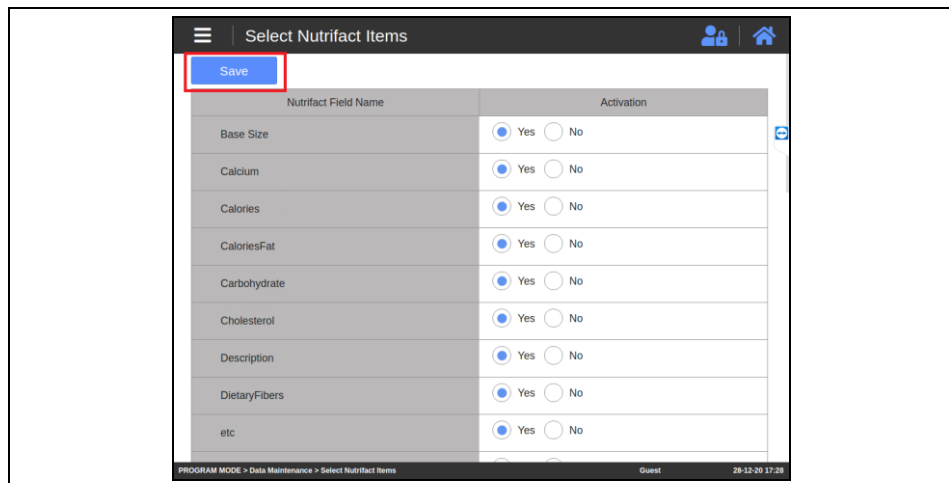


3.3.5. Data Maintenance – Select Nutrifact Items

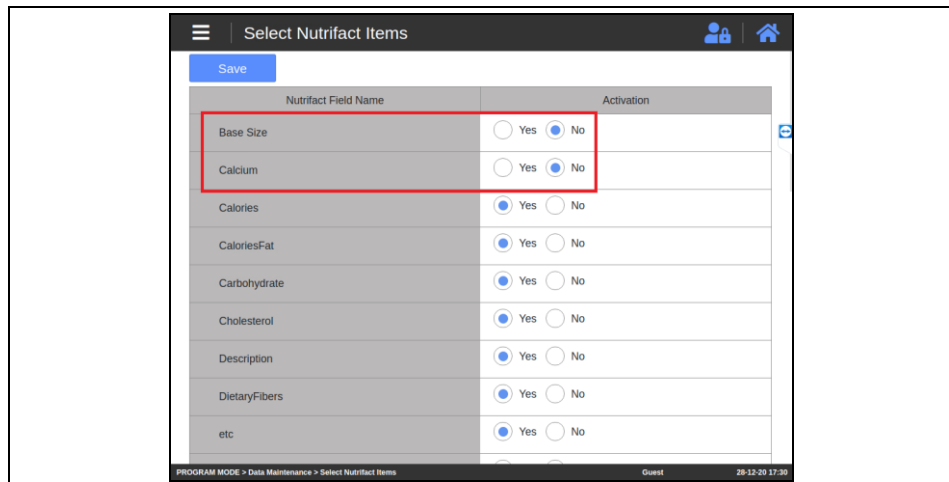
- In this menu, you can set the items to be used among Nutrifact items.



1) After setting the Nutrifact items to be used as Yes, you can save them by clicking the Save button.



2) When set to No, it is not displayed in the Nutrifact item of PLU.



The screenshot shows the 'PLU' screen in the CL8000 software. At the top, there is a header bar with a menu icon, the text 'PLU', and navigation icons (back, user, home). Below the header, there are two buttons: 'Save' (blue) and 'Delete' (orange with an 'X'). The main area is titled 'Nutrition facts' and contains a table with 16 input fields for nutritional information. The fields are arranged in two columns: Calories, Carbohydrate, Description, etc., Protein, Serving Per, Serving Size Text, Sugars, Type in the first column; and CaloriesFat, Cholesterol, DietaryFibers, Iron, Saturated Fat, Serving Size, Sodium, Total Fat, Unit in the second column. At the bottom, there is a status bar with 'PROGRAM MODE > Data > PLU', 'Guest', and a timestamp '28-12-00 17:30'.

Nutrition facts	
Calories	CaloriesFat
Carbohydrate	Cholesterol
Description	DietaryFibers
etc	Iron
Protein	Saturated Fat
Serving Per	Serving Size
Serving Size Text	Sodium
Sugars	Total Fat
Type	Unit

### 3.3.6. Data Maintenance – Delete File

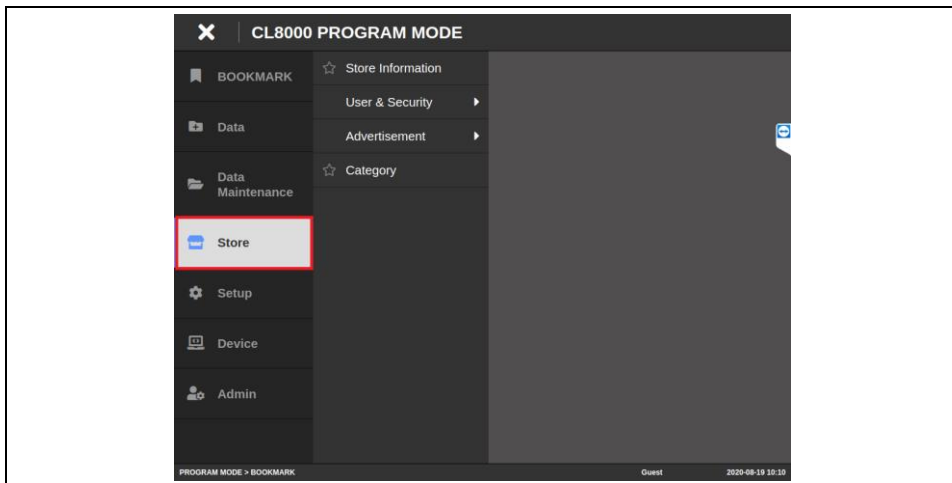
- In this menu, you can delete image files related to PLU, Advertisement and Category.

1) After selecting One of the PLU, Advertisement or Category, check the file to be deleted and click the Delete button to delete it.

The screenshot shows the 'Delete File' screen in the CL8000 software. At the top, there is a header bar with a menu icon, the text 'Delete File', and navigation icons (back, user, home). Below the header, there is a 'Delete' button (orange with an 'X'). The main area is divided into two sections. On the left, there is a 'Delete File' section with three options: 'Product File' (highlighted in blue), 'Category File', and 'Movie File'. On the right, there is a list of files to be deleted, each with a checkbox. The files are: 'avocado.jpg', 'lobster.jpg', 'pear.jpg', 'mangosteen.jpg', 'broccoli2.jpg', 'bananas.jpg', 'corn.jpg', and 'carrots.jpg'. At the bottom, there is a status bar with 'PROGRAM MODE > Data Maintenance > Delete File', 'dealer', and a timestamp '28-04-21 15:37'.

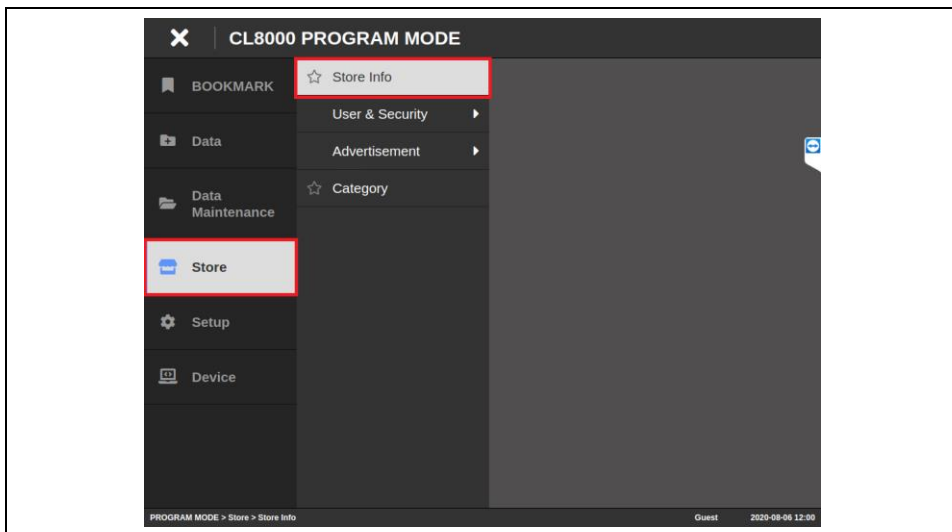
File Name	Selected
Select All	<input checked="" type="checkbox"/>
avocado.jpg	<input checked="" type="checkbox"/>
lobster.jpg	<input checked="" type="checkbox"/>
pear.jpg	<input checked="" type="checkbox"/>
mangosteen.jpg	<input checked="" type="checkbox"/>
broccoli2.jpg	<input checked="" type="checkbox"/>
bananas.jpg	<input checked="" type="checkbox"/>
corn.jpg	<input checked="" type="checkbox"/>
carrots.jpg	<input checked="" type="checkbox"/>

## 3.4. STORE MENU



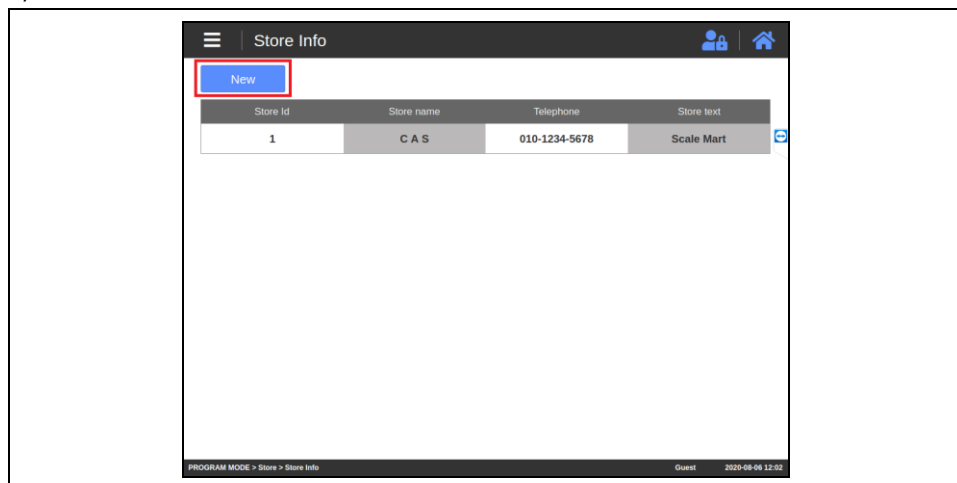
### 3.4.1. Store – Store Info

- This menu is for generating, deleting, and modifying store info.

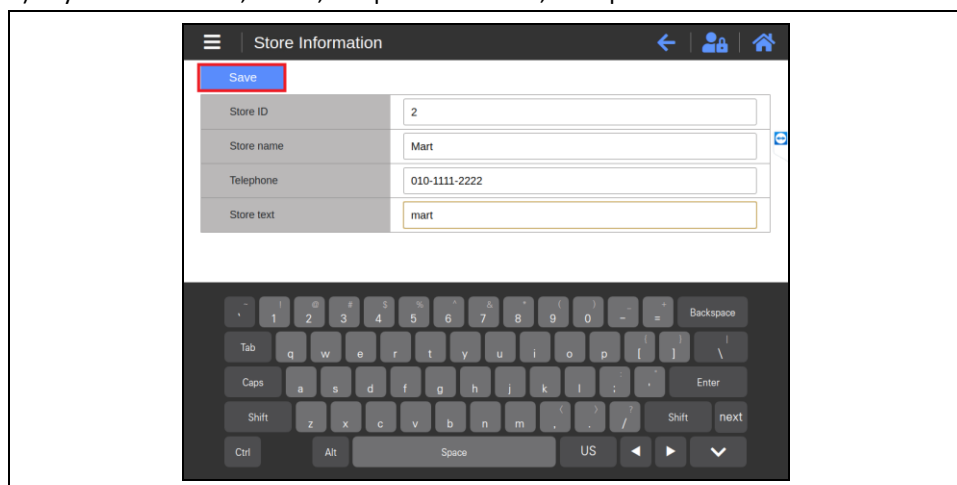


#### 3.4.1.1. Register New Store Info

1) Click “New” button.

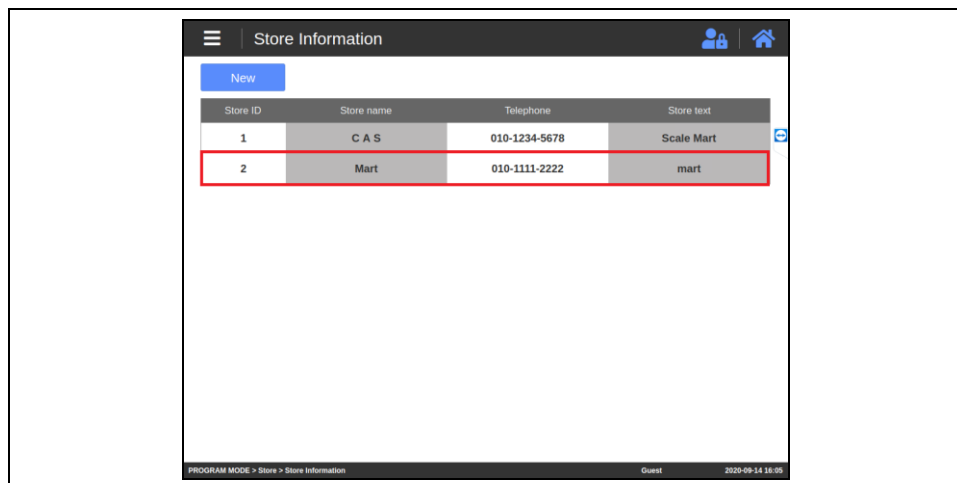


2) Key in Store Info ID, Name, Telephone and Text, then press “Save” button.

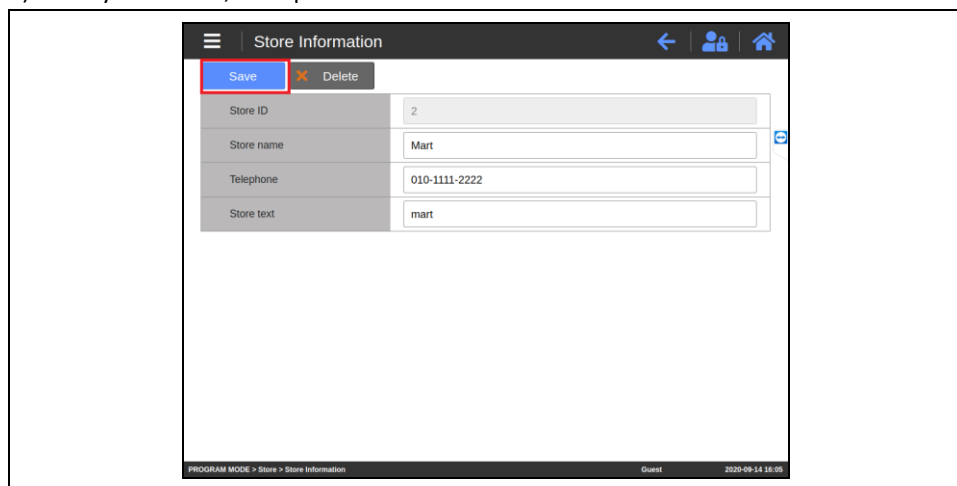


### 3.4.1.2. Modify Store Info

1) Click a Store Info to begin modification.

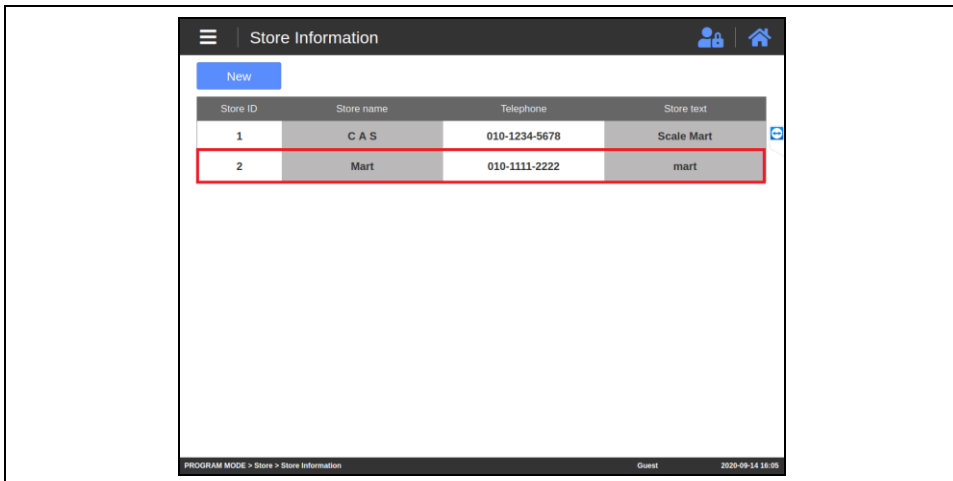


2) Modify Store Info, then press “Save” button.

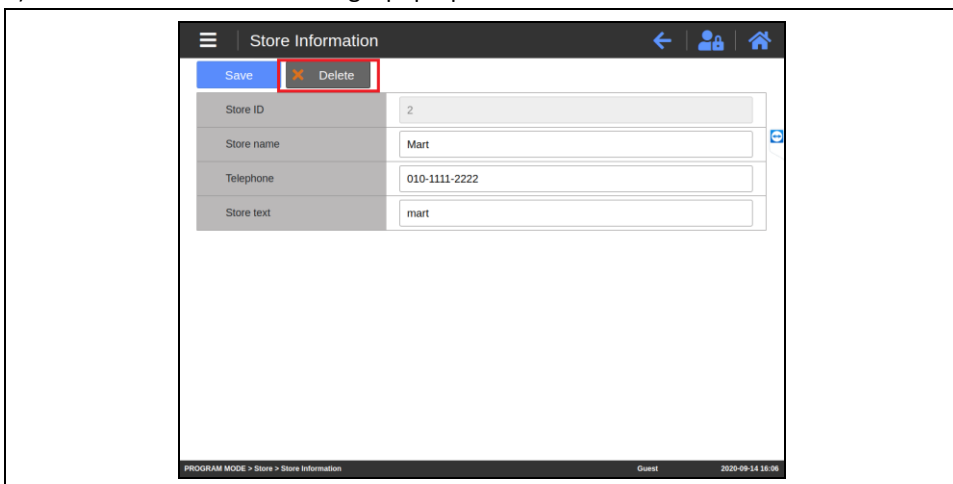


### 3.4.1.3. Delete Store Info

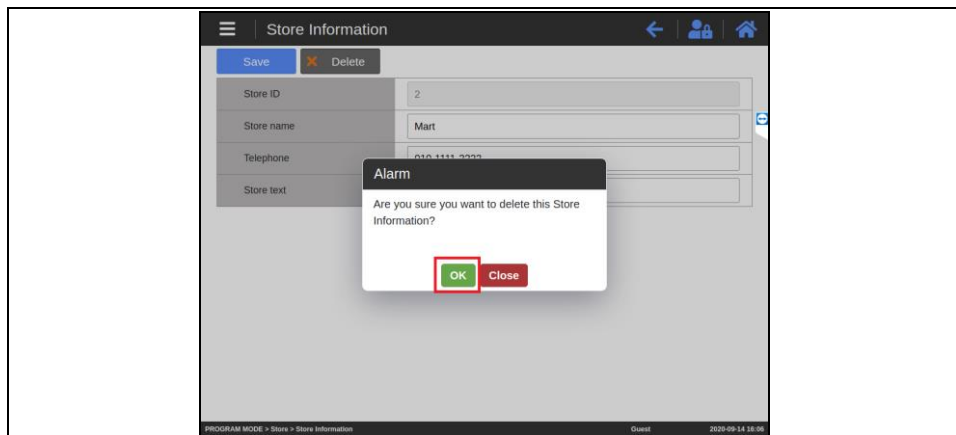
1) Select the Store Info which needs to be deleted.



2) Click “Delete” button to bring a pop-up window to confirm deletion.



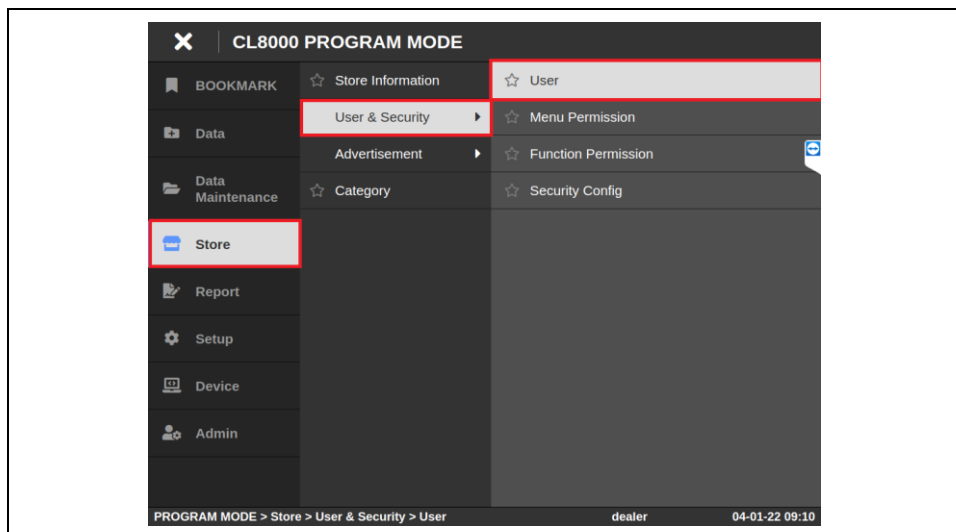
3) Click “OK” button to delete the selected Store Info.



### 3.4.2. Store – User & Security

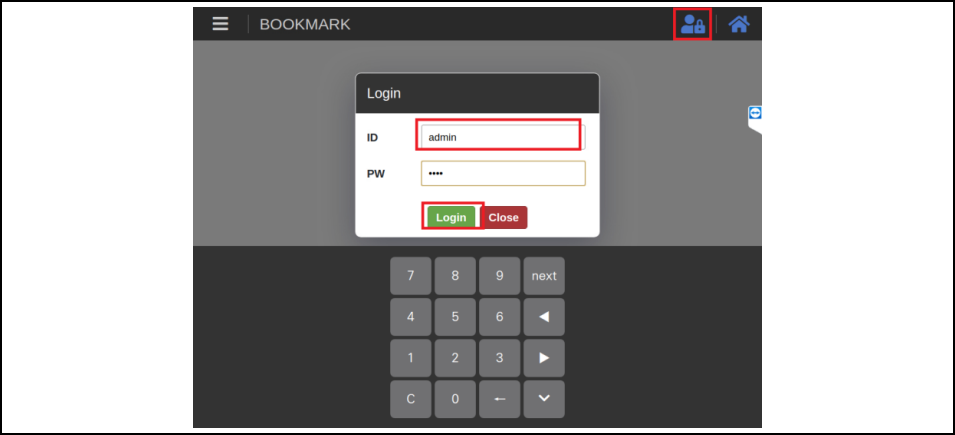
#### 3.4.2.1. User

- This menu is for generating, deleting, and modifying User info.



1) This menu can only be accessed by users with user authority level 3 (admin) or higher.

Click the login button to log in.



**3.4.2.1.1. User Level**

1) There are three user levels.

Each user level is given its own Readable / Modifiable levels

Readable / Modifiable levels attributed to each user level can be configured in 3.4.2.2

Menu Permission.

User type	Level
Guest	0
User	1
Chief user	2
Admin	3

User will be given permission levels that fits the account when logging into PROGRAM MODE.

Not logging in with any account will auto-assign the user with Guest permission levels.

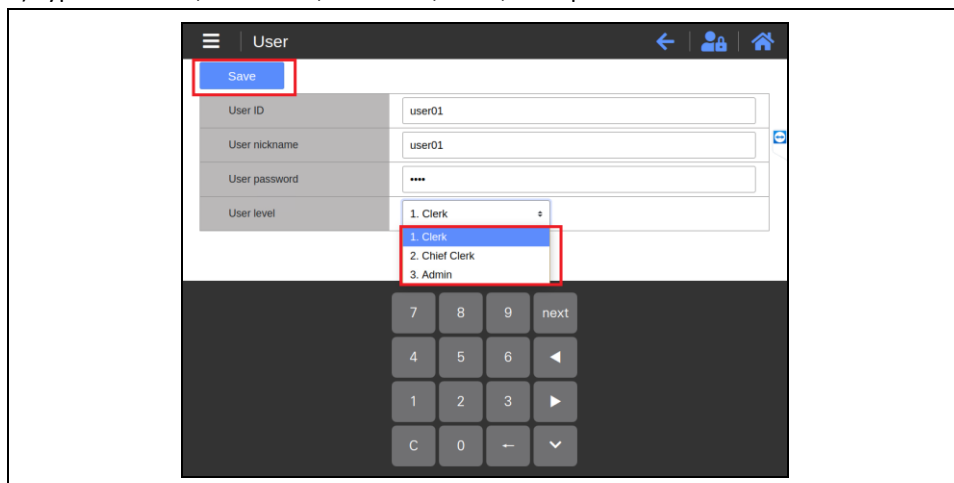
### 3.4.2.1.2. Create New User

1) Click “New” button.

- A new user account can be created only with the admin account.



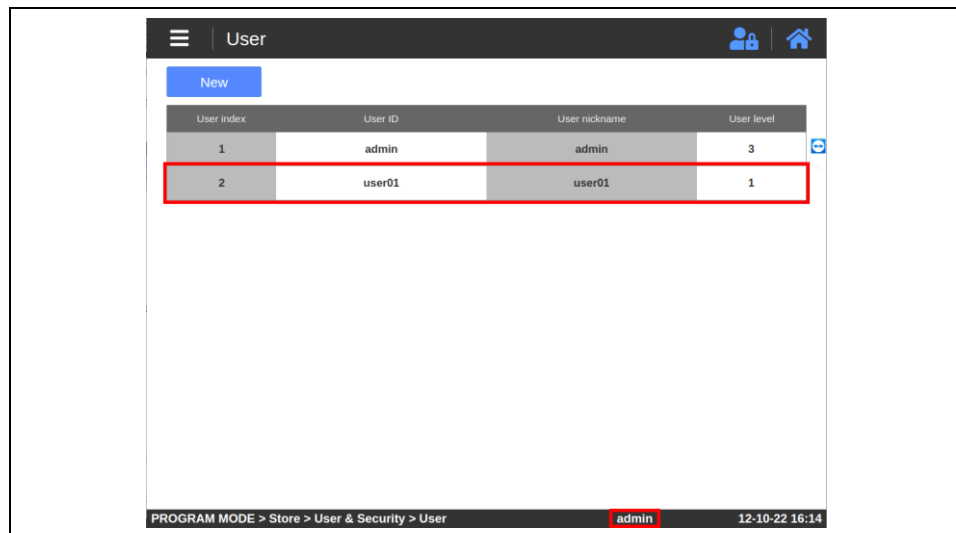
2) Type in User ID, Nickname, Password, Level, then press “Save” button.



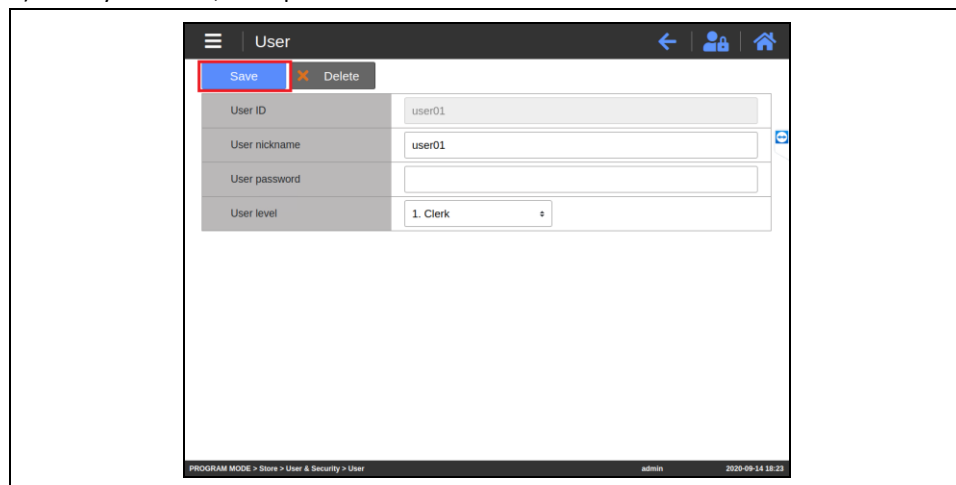
### 3.4.2.1.3. Modify User

1) Choose a user which needs to be modified.

- User can be modified only with the admin account.



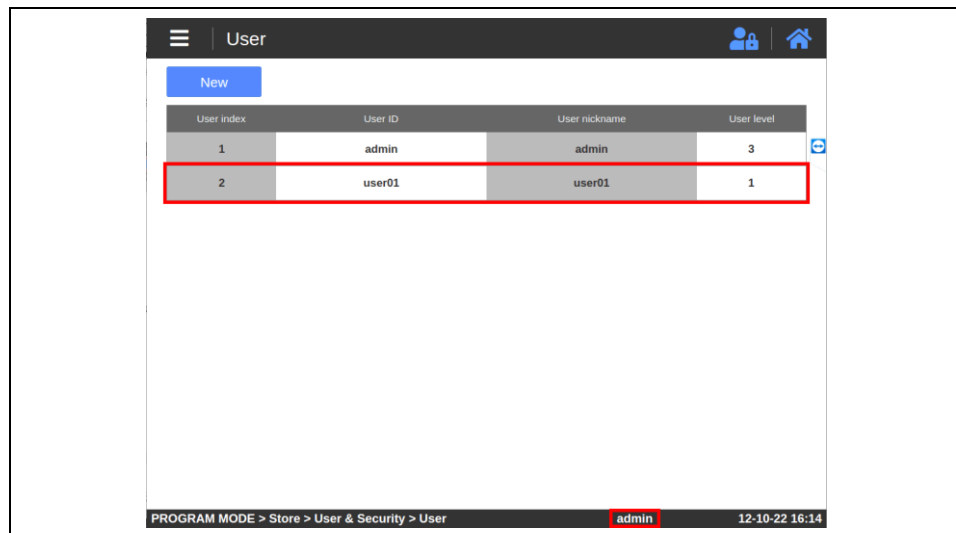
2) Modify user info, then press “Save” button.



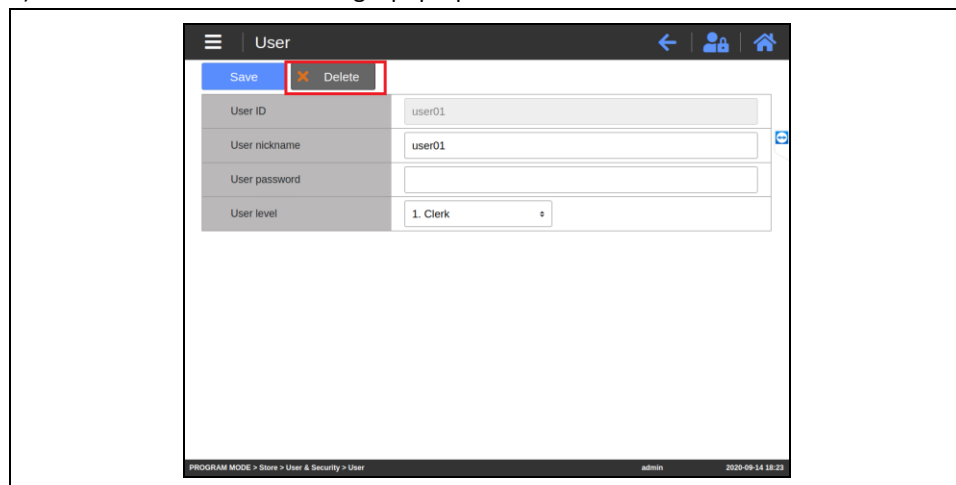
### 3.4.2.1.4. Delete User

1) Choose a user which needs to be deleted.

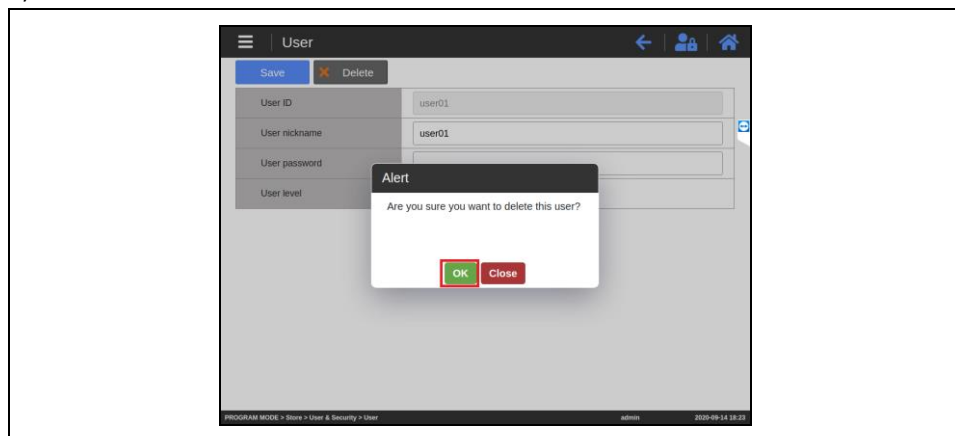
- User can be deleted only with the admin account.



2) Click “Delete” button to bring a pop-up window to confirm deletion.



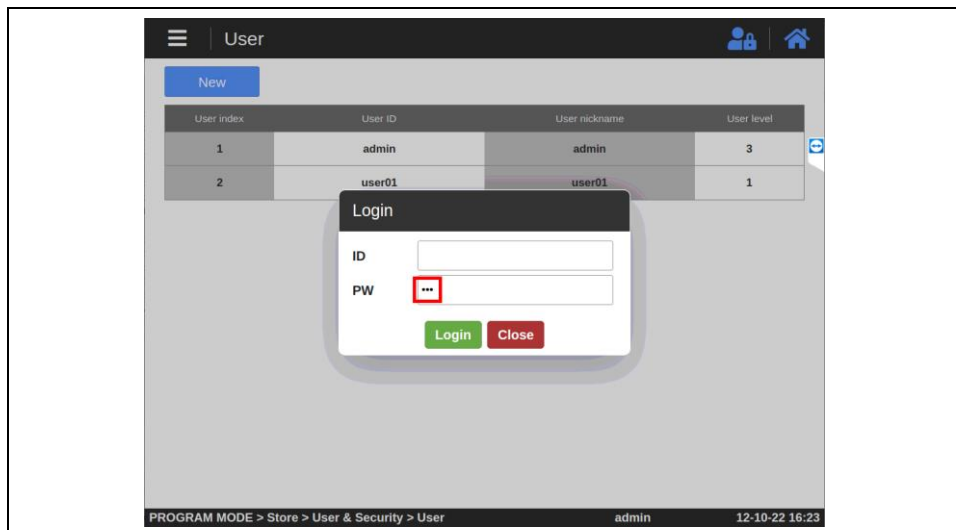
3) Click “OK” button to delete the selected user.



### 3.4.2.1.5. Simple Login

1) User can quickly log in by entering only the password using <User index Number + Password>.

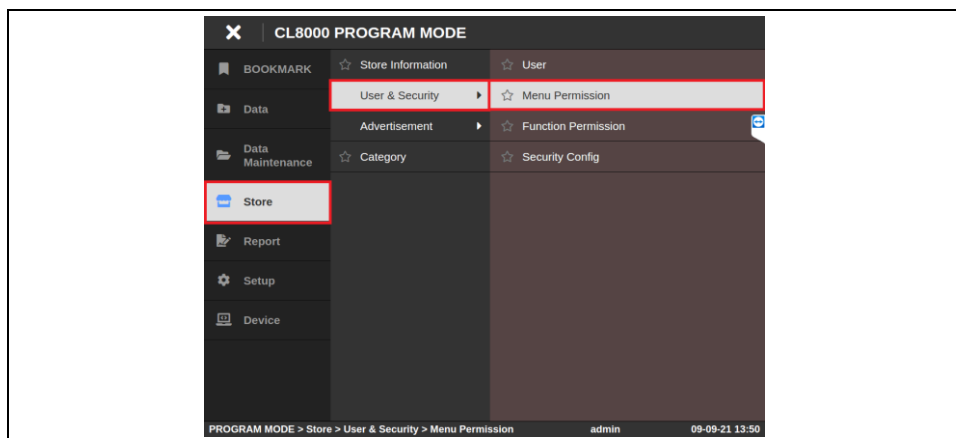




### 3.4.2.2. Menu Permission

- This menu is for setting permission level for reading or modifying each menu of the scale.

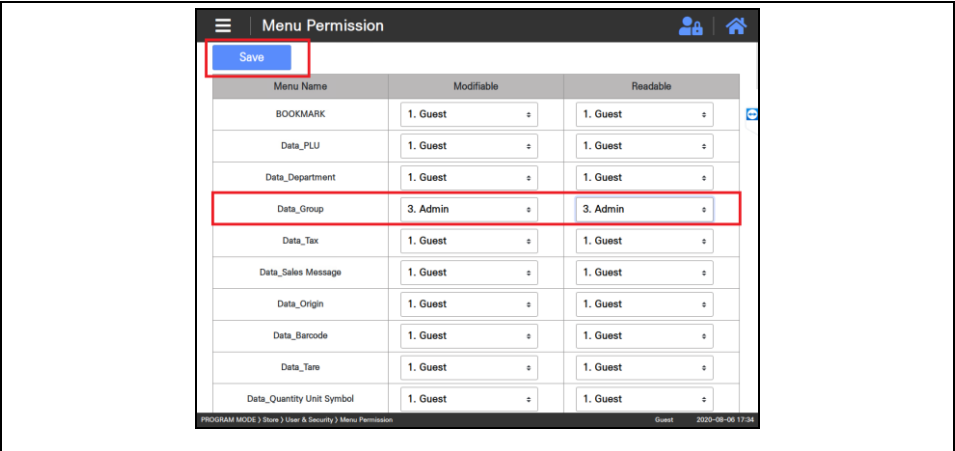
# This menu is readable only with the admin account.



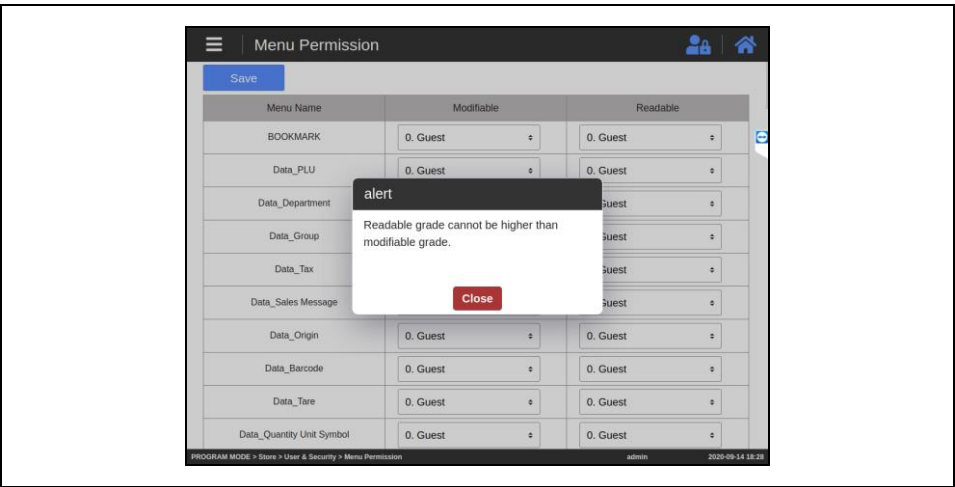
1) Set permission level with each submenu, then press “Save”.

Modifiable (write permission) - Permission for the current user to modify the selected menu

Readable (read permission) - Permission for the current user to access the selected menu



2) Readable level cannot be set higher than Modifiable level.  
(Modifiable level >= Readable level).

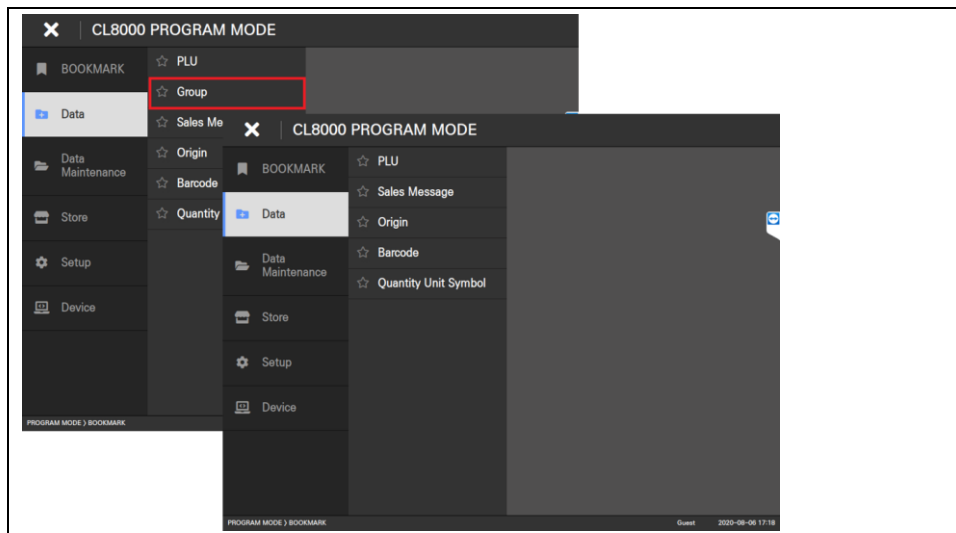


3) Configuring Readable / Modifiable levels of each menu will prohibit users which do not meet the Readable / Modifiable levels from reading or modifying the given menu.

For example, if the account that a user used to log in has User levels:

If Readable level of “Group” menu is set to “User”, Group menu will be visible to the user.

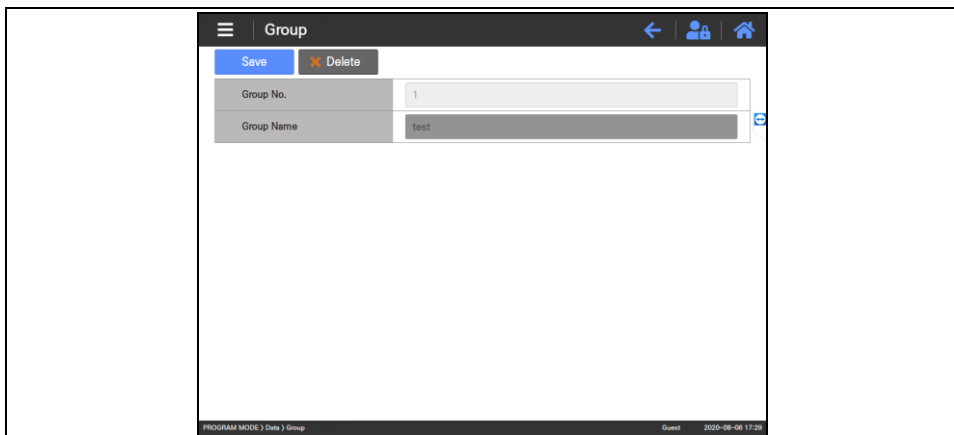
However, If Readable level of “Group” menu is set to “Admin”, Group menu will not be visible to the user.



If Modifiable level of “Group” menu is set to “User”, user will be able to modify the “Group” menu.

However, if Modifiable level of “Group” menu is set to “Admin”, user will be not able to modify the

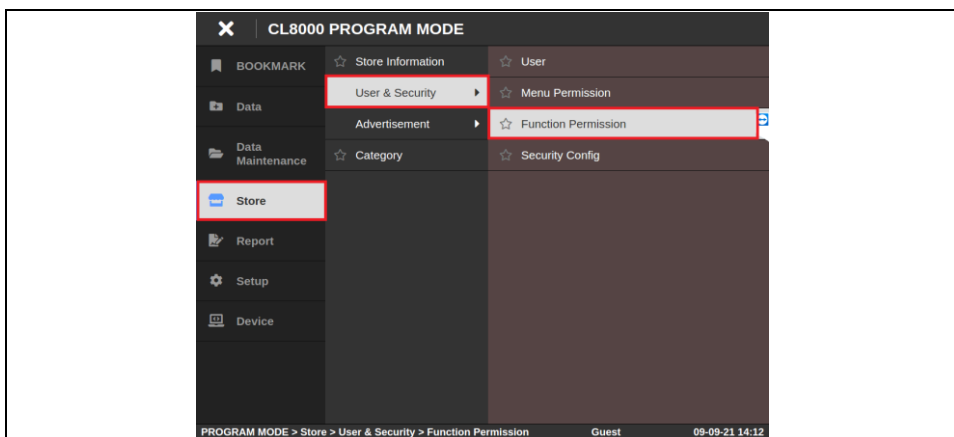
“Group” menu.



### 3.4.2.3. Function Permission

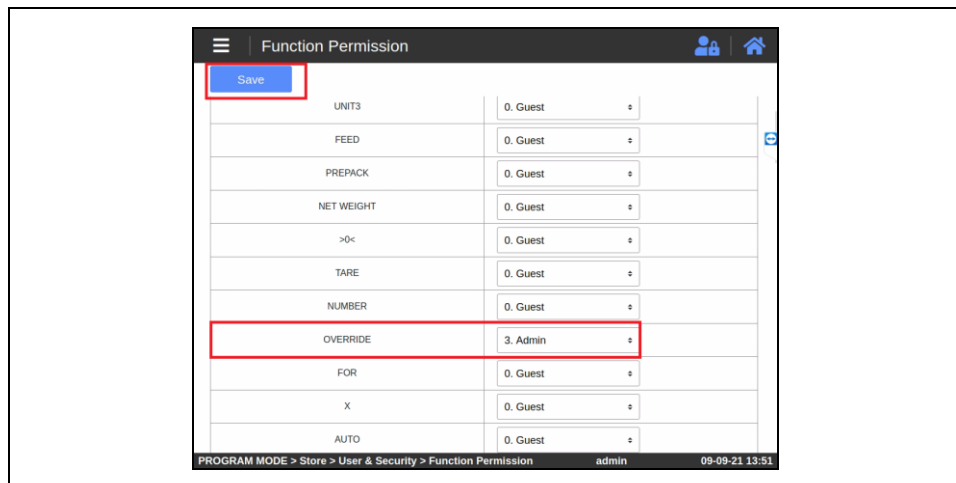
- In this menu, you can set up the permission to use Function key.

# This menu is readable only with the admin account.

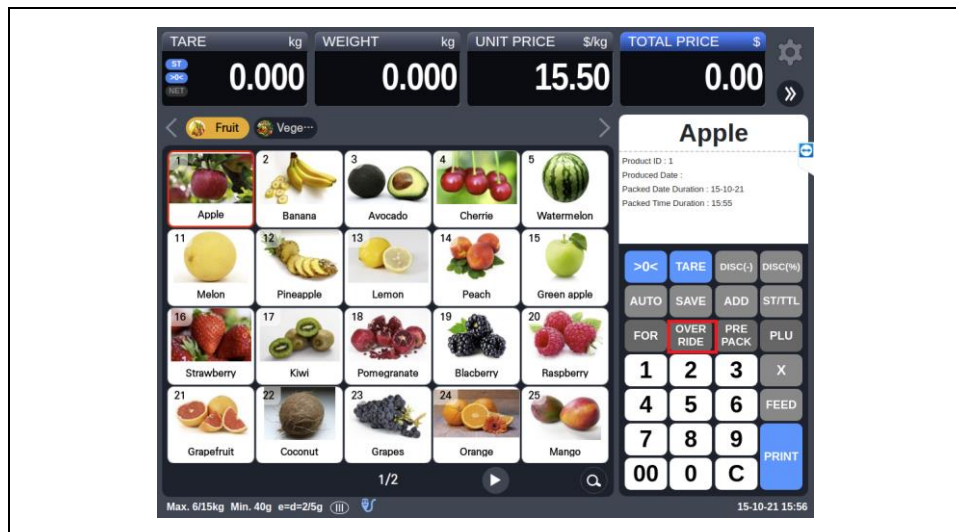


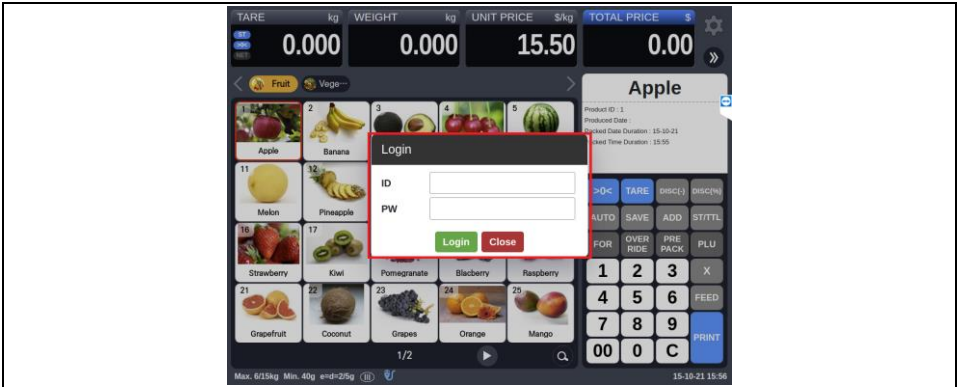
1) Set permission level with each Function Key

(ex, Override – use more than Admin authorization)



2) On sale screen, Press the function key with permission (Ex: Override)



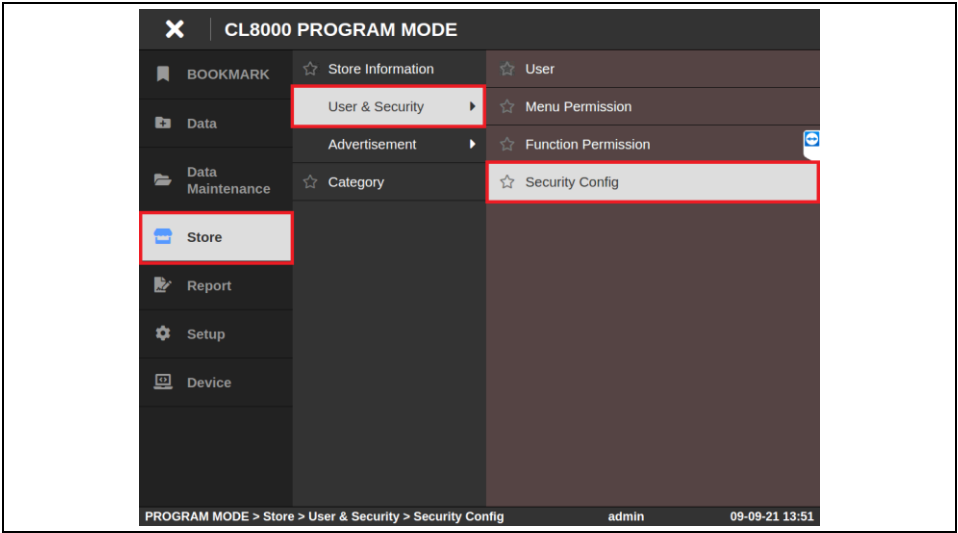


- When you click the function key with permission, the login window appears

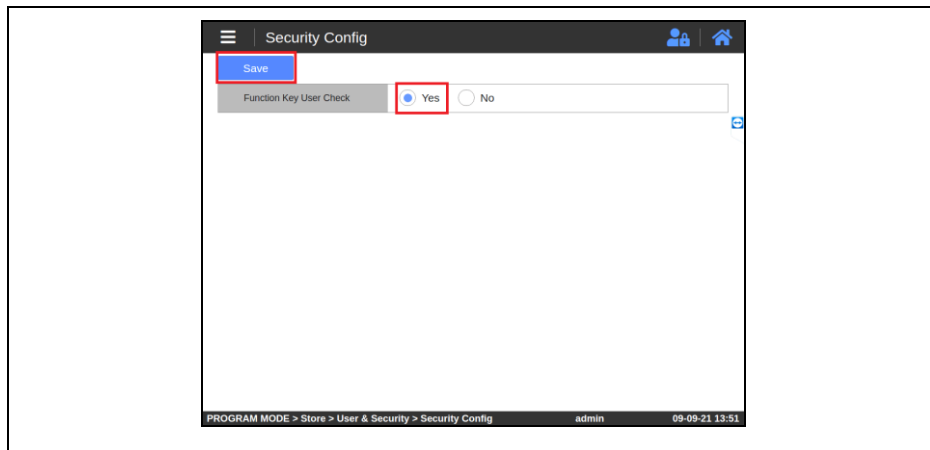
As the permission level is Admin, In order to use function key you have to login at least Admin (3 level) authority.

### 3.4.2.4. Security Config

- This menu sets security-related details.
- # This menu is readable only with the admin account.



1) set the each item

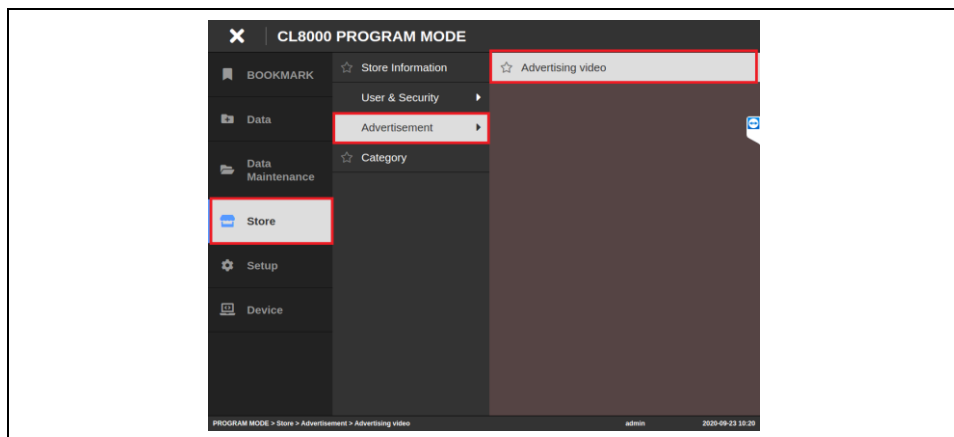


# Function Key User Check-> when using the function key, whether to check the authority

### 3.4.3. Store – Advertisement

#### 3.4.3.1. Slide Show

- This submenu is for configuring auto-play of slide show when scale is not being used.



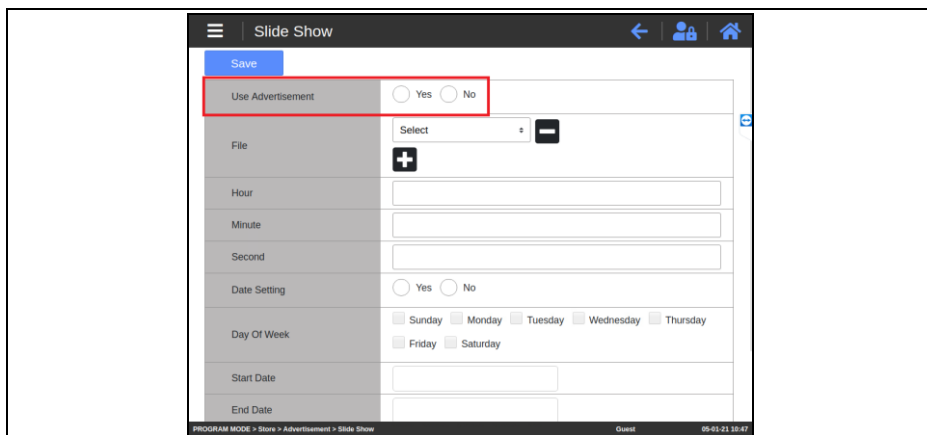
1) Click “New” button.



2) Set up a slide show for videos or images.

# Use Advertisement - You can choose whether to use it or not.

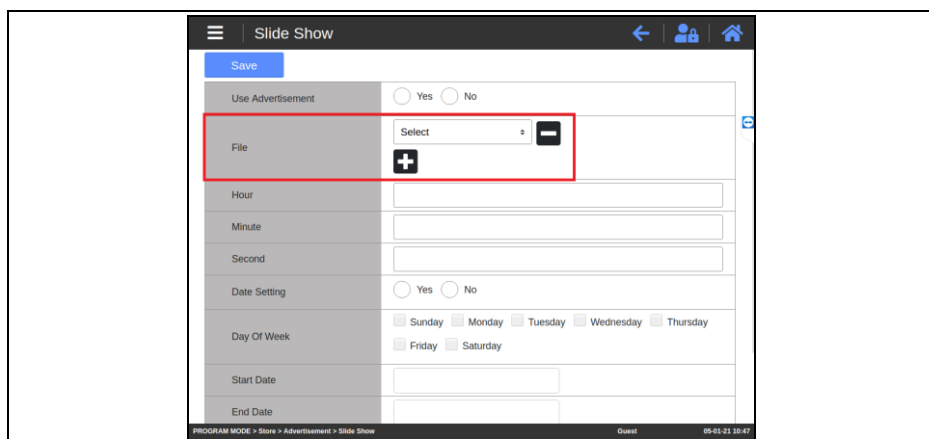
(Only one slideshow can be set to Yes., If you select Yes and save, other slideshows will change to No.)



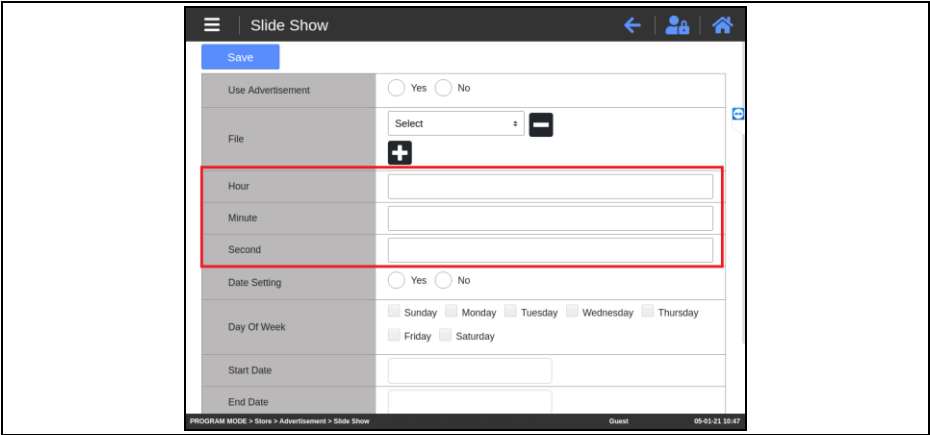


# File – You can add images or video files to be used in the slide show.

( + : add, - : delete )



# Hour, Minute, Second - When an image is added, set how long the image will be displayed. (Video is not affected.)



# Date Setting - You can set the date and time the slide show will run.

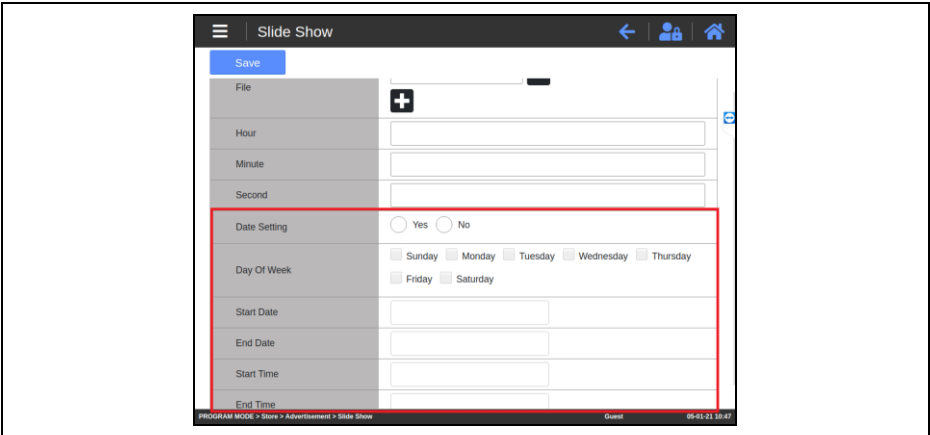
(If 'Use Advertisement' is set to No, it always works.)

# Day of Week – Specify the day of the week

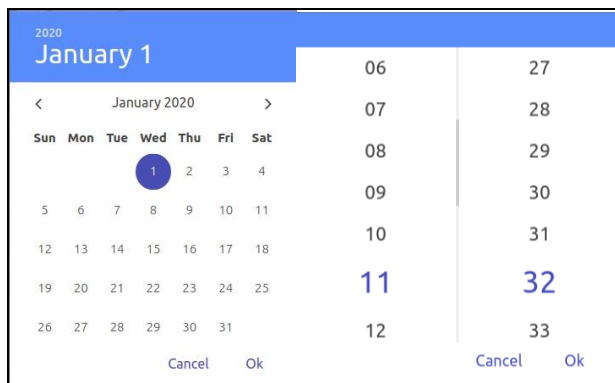
(If Date Setting is Yes, one must be checked)

# Start Date / End Date

# Start Time / End Time



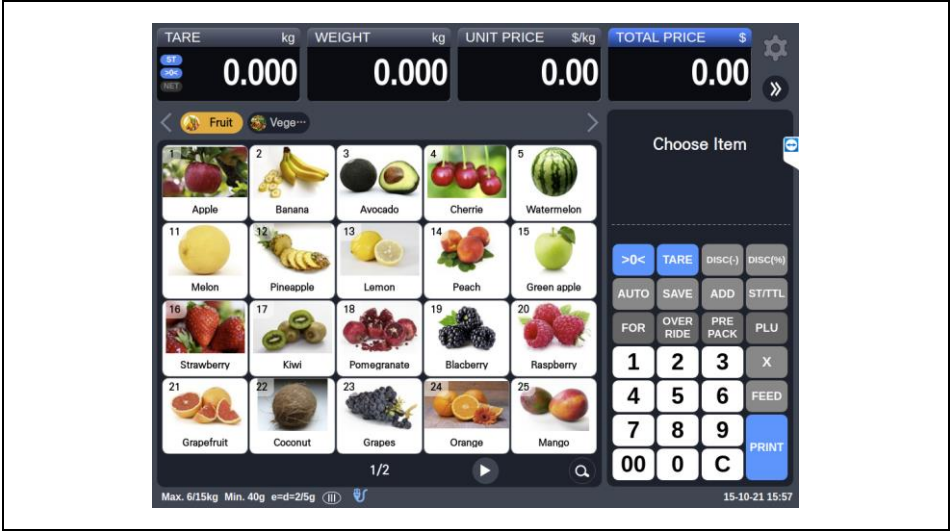
# Date / time



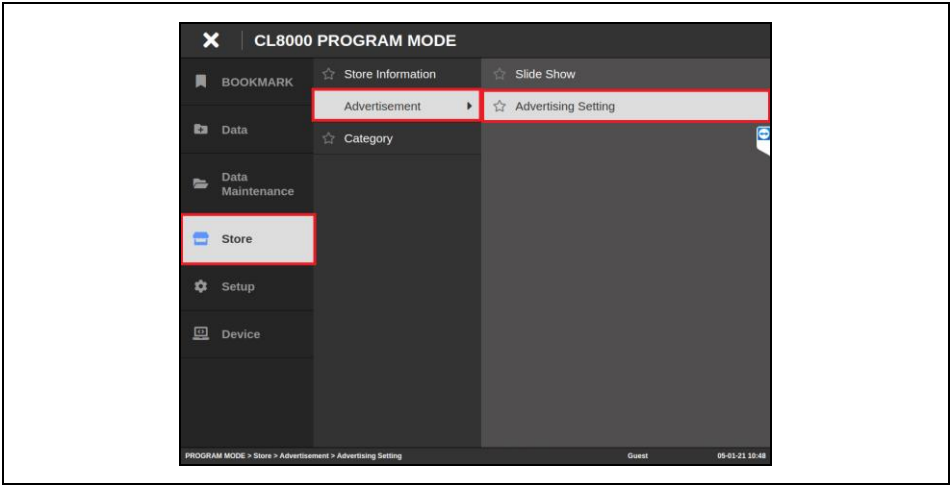
3) Moving to the home screen and not using the scale for a set amount of time will begin the auto-play.



4) Touching the screen or changing the loaded weight will stop the commercials and resume the sales mode.



**3.4.3.2. Advertising Setting**

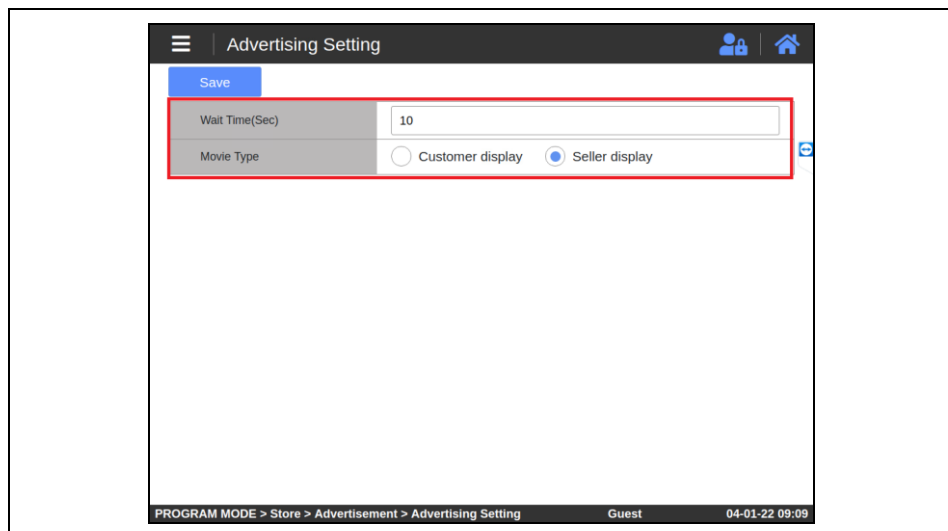




1) Wait Time(Sec) : Ads are shown at times when the scale is not in use.

If the scale has not been used for the time set in Wait Time, an advertisement is displayed.

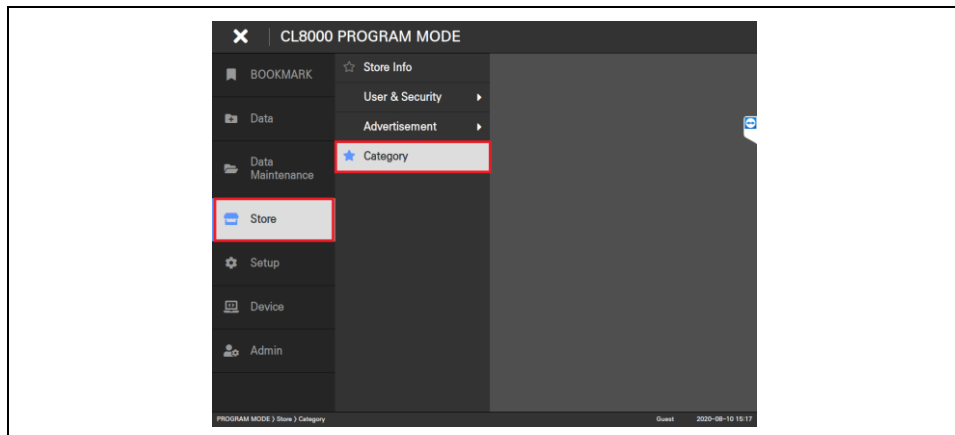
2) Movie Type : It can be set whether to display the slideshow video or image on the customer screen or the clerk screen when using dual monitors.



### 3.4.4. Store – Category

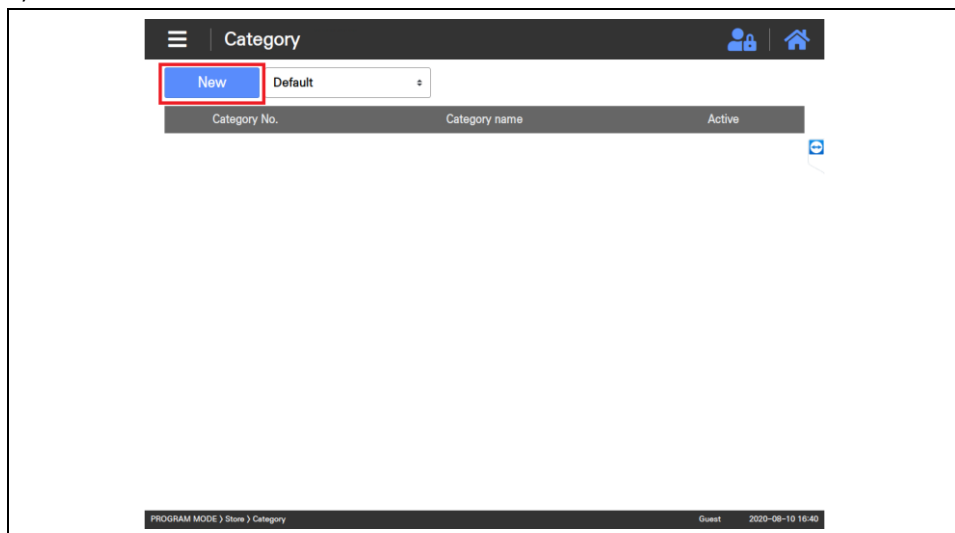
- This menu is for generating, modifying and deleting Category info.

1) Click in the following order: Store -> Category.

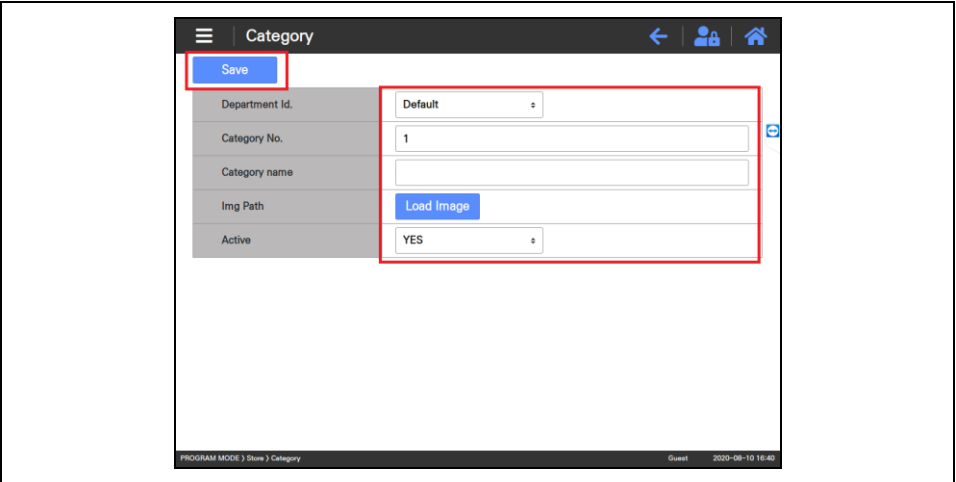


#### 3.4.4.1. Create New Category

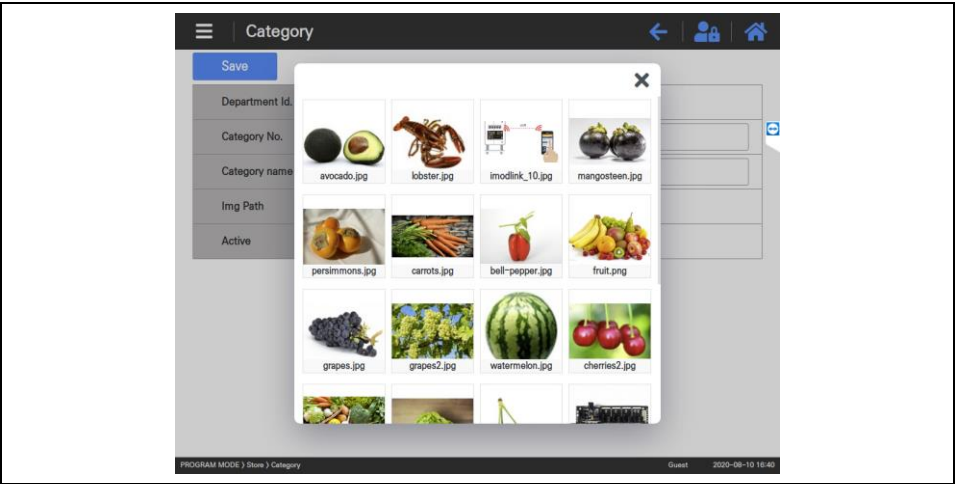
1) Click “New” button.



2) Type in Department, Category No., Name, Image and Active, then press “Save” button.

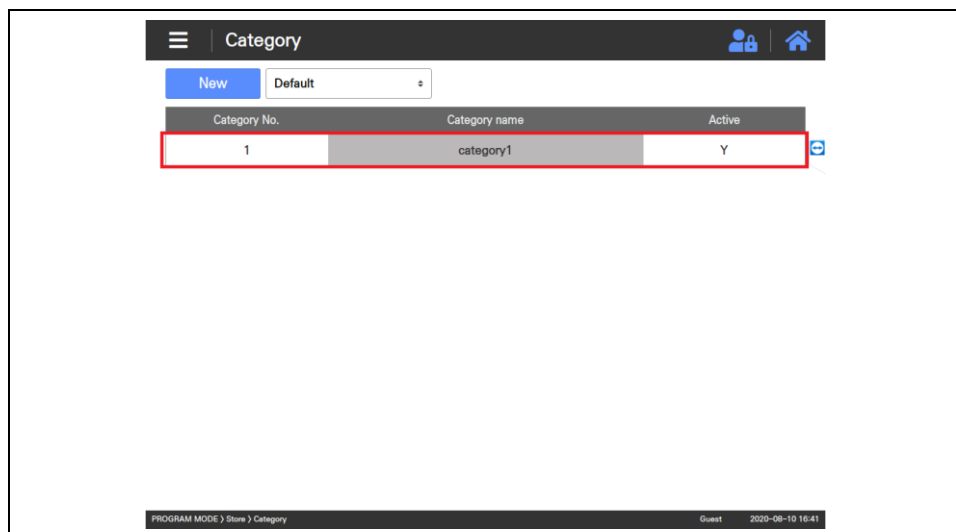


3) Click “Load Image” button to assign a category image.

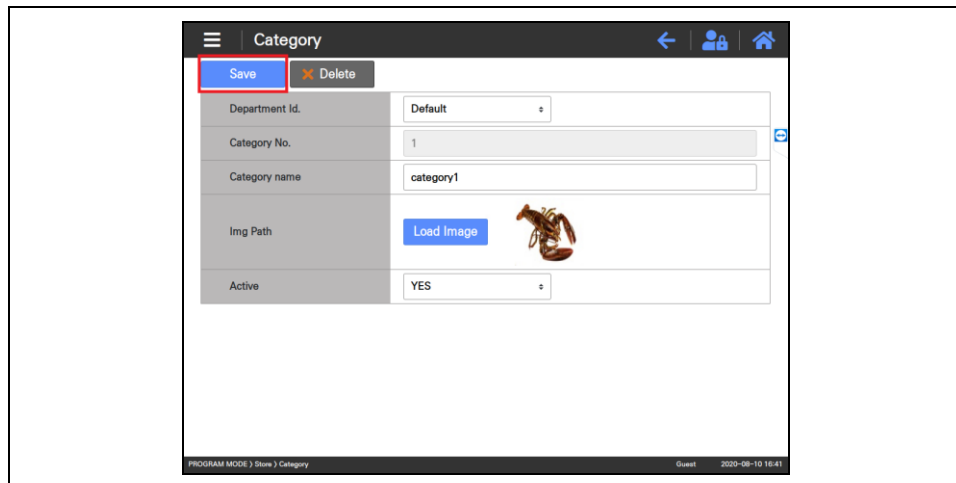


### 3.4.4.2. Modify Category

1) Click a category to begin modification.

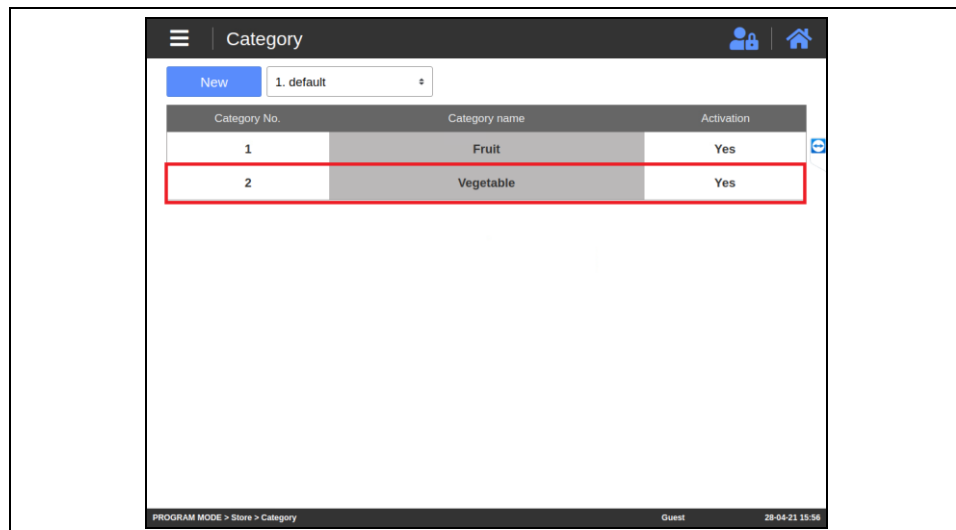


2) Modify info in the category fields, then press “Save” button.

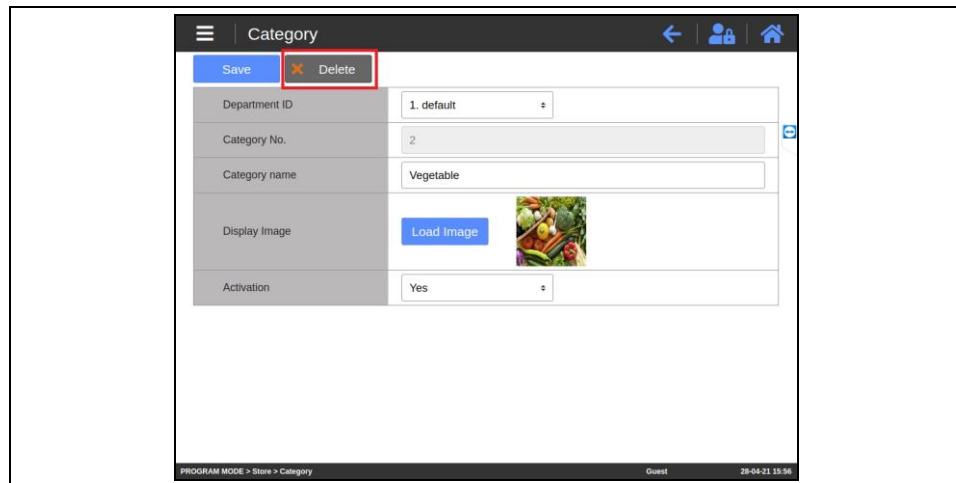


### 3.4.4.3. Delete Category

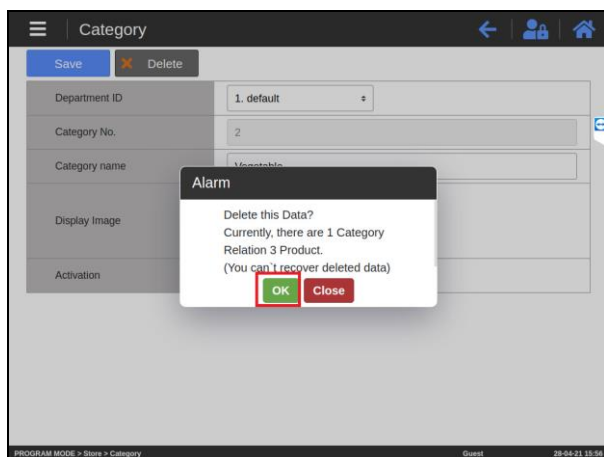
1) Select the Category which needs to be deleted.



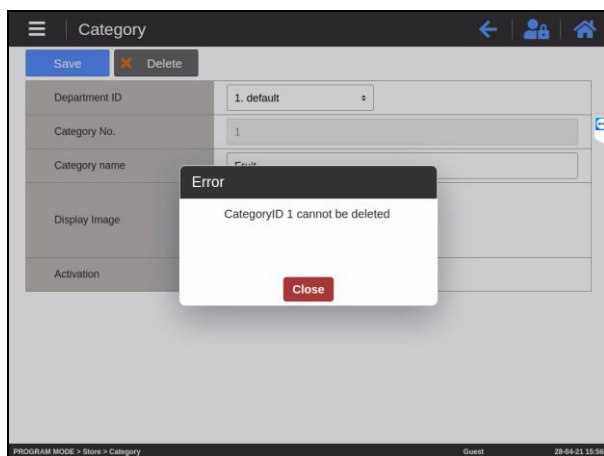
2) Click “Delete” button to bring a pop-up window to confirm deletion.



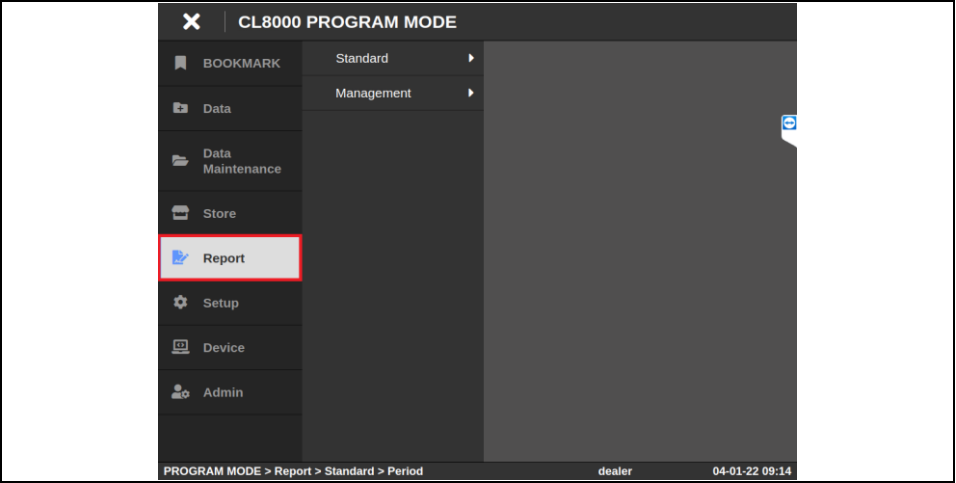
3) Click “OK” to delete the selected category.



# Category 1 cannot be deleted.



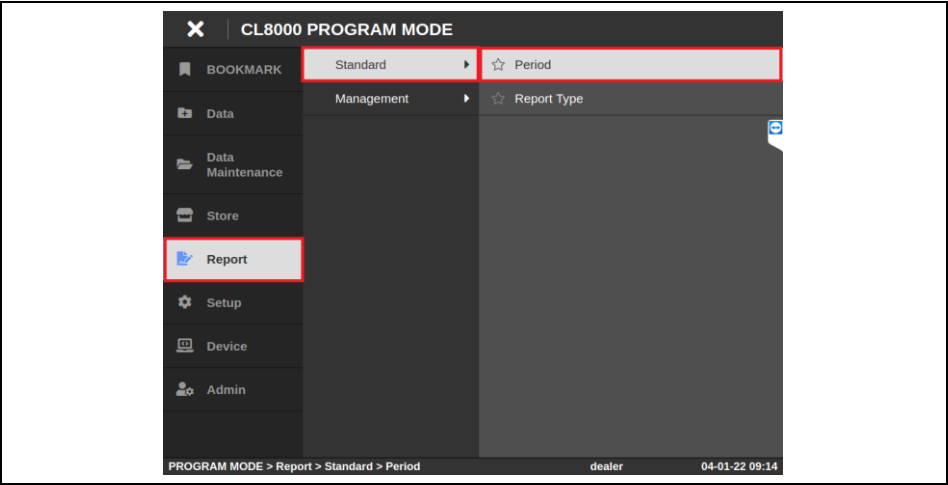
**3.5. REPORT**



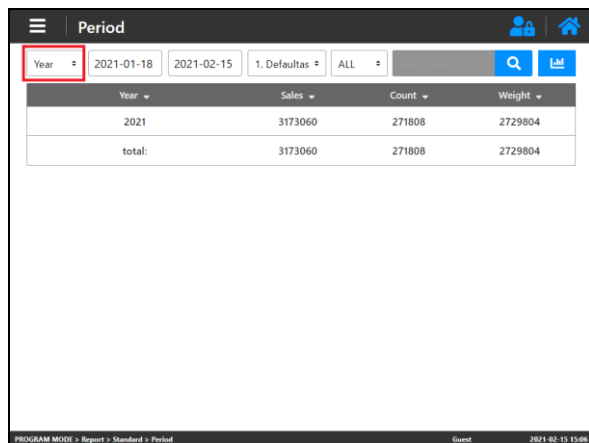
**3.5.1. Report – Standard**

**3.5.1.1. Period**

- This menu is for viewing the sales report by period



1) Check the sales information by year, month, day, week, day of the week, and hour.



Period

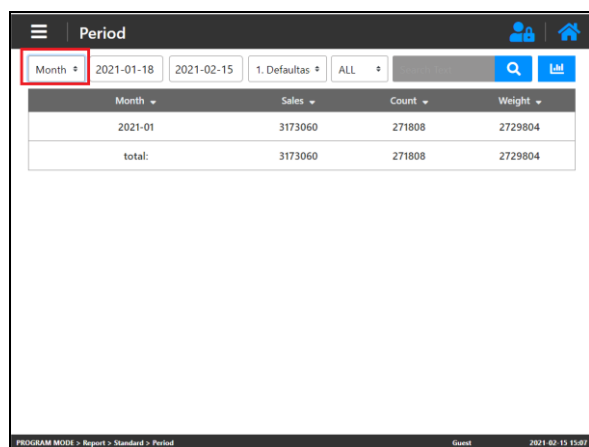
Year 2021-01-18 2021-02-15 1. Defaultas ALL

Year	Sales	Count	Weight
2021	3173060	271808	2729804
total:	3173060	271808	2729804

PROGRAM MODE > Report > Standard > Period

Guest 2021-02-15 15:08

[Year-Report]



Period

Month 2021-01-18 2021-02-15 1. Defaultas ALL

Month	Sales	Count	Weight
2021-01	3173060	271808	2729804
total:	3173060	271808	2729804

PROGRAM MODE > Report > Standard > Period

Guest 2021-02-15 15:07

[Month-Report]

Period

Day

2021-01-18

2021-02-15

1 Defaults

ALL

Q

Print

Day	Sales	Count	Weight
2021-01-20	33530	152	2344
2021-01-21	1460	146	1460
2021-01-22	1460	146	1460
2021-01-23	1460	146	1460
2021-01-24	1460	146	1460
2021-01-25	1460	146	1460
2021-01-26	1460	146	1460
2021-01-27	1460	146	1460
2021-01-28	101460	10146	101460
2021-01-29	2601460	260146	2601460
total:	3173060	271808	2729804

PROGRAM MODE > Report > Standard > Period

Count

2021-02-15 15:12

[Day-Report]

Period

Weekly

2021-01-18

2021-02-15

1 Defaults

ALL

Q

Print

Weekly	Sales	Count	Weight
4	464300	932	21044
5	2708760	270876	2708760
total:	3173060	271808	2729804

PROGRAM MODE > Report > Standard > Period

Count

2021-02-15 15:12

[Weekly-Report]

Period				
Week	2021-01-18	2021-02-15	1. Defaultas	ALL
Week	Sales	Count	Weight	
Sun	1460	146	1460	
Mon	197190	320	8740	
Tue	232120	314	8500	
Wen	34990	298	3804	
Thu	102920	10292	102920	
Fri	2602920	260292	2602920	
Sat	1460	146	1460	
total:	3173060	271808	2729804	

PROGRAM MODE > Report > Standard > Period

Count 2021-02-15 15:37

[Week-Report]

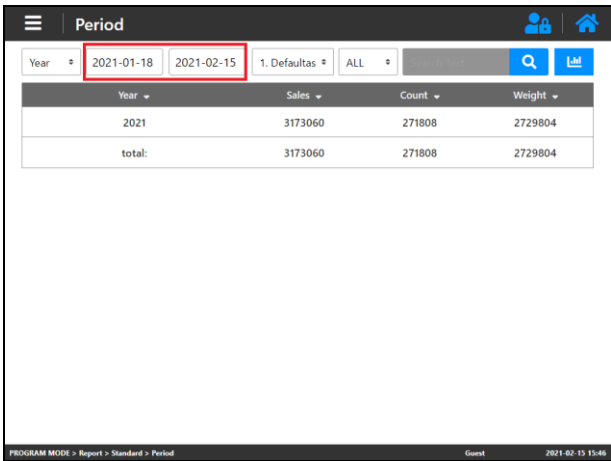
Period				
Hour	2021-01-18	2021-02-15	1. Defaultas	ALL
	Sales	Count	Weight	
03	192910	10014	102834	
04	28020	5	588	
05	14640	2	588	
06	23600	2	590	
07	23520	2	588	
08	2614520	261452	2614520	
09	138040	314	6226	
10	23520	2	588	
11	39330	4	1178	
12	11840	1	296	
total:	3173060	271808	2729804	

PROGRAM MODE > Report > Standard > Period

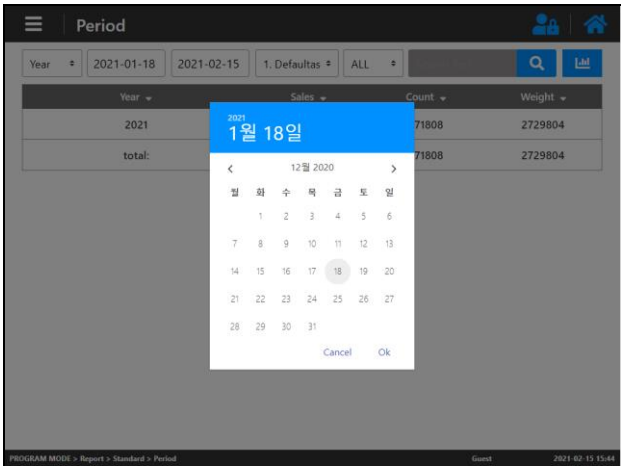
Count 2021-02-15 15:36

[Hour-Report]

2) Select a date to see sales information for the date.

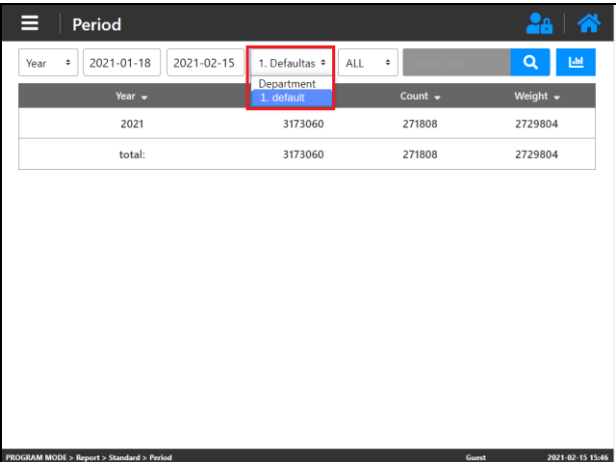


Year	Sales	Count	Weight
2021	3173060	271808	2729804
total:	3173060	271808	2729804



Year	Sales	Count	Weight
2021	3173060	271808	2729804
total:	3173060	271808	2729804

3) Check the sales records by department.

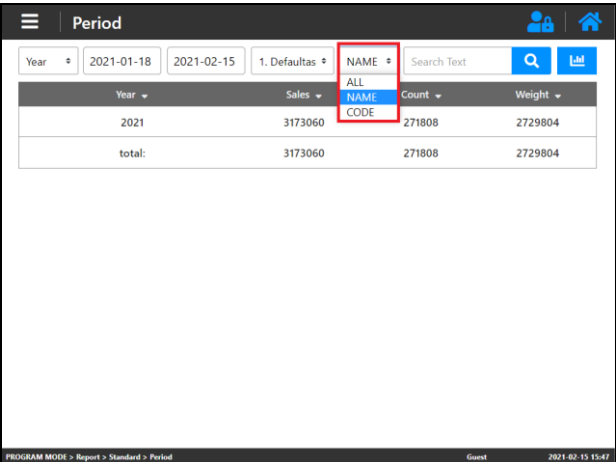


The screenshot shows the 'Period' screen in the CL8000 software. At the top, there are filters for 'Year' (2021-01-18 to 2021-02-15) and '1. Defaults'. A dropdown menu for 'Department' is open, showing '1. default' selected. The table below displays sales records for the year 2021, with columns for Year, Sales, Count, and Weight.

Year	Sales	Count	Weight
2021	3173060	271808	2729804
total:	3173060	271808	2729804

At the bottom, the status bar shows 'PROGRAM MODE > Report > Standard > Period', 'Count', and the date '2021-02-15 15:46'.

4) Use the product name or product number to check the sales record.



The screenshot shows the 'Period' screen in the CL8000 software. At the top, there are filters for 'Year' (2021-01-18 to 2021-02-15) and '1. Defaults'. A dropdown menu for 'NAME' is open, showing 'NAME' selected. The table below displays sales records for the year 2021, with columns for Year, Sales, Count, and Weight.

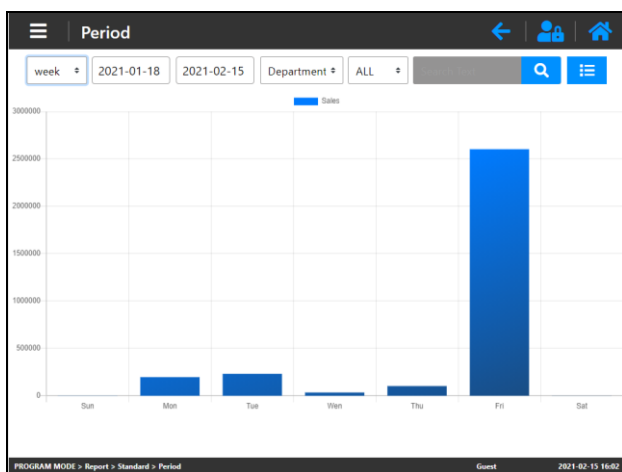
Year	Sales	Count	Weight
2021	3173060	271808	2729804
total:	3173060	271808	2729804

At the bottom, the status bar shows 'PROGRAM MODE > Report > Standard > Period', 'Count', and the date '2021-02-15 15:47'.

5) If click the graph icon, you can check the corresponding information as a graph.

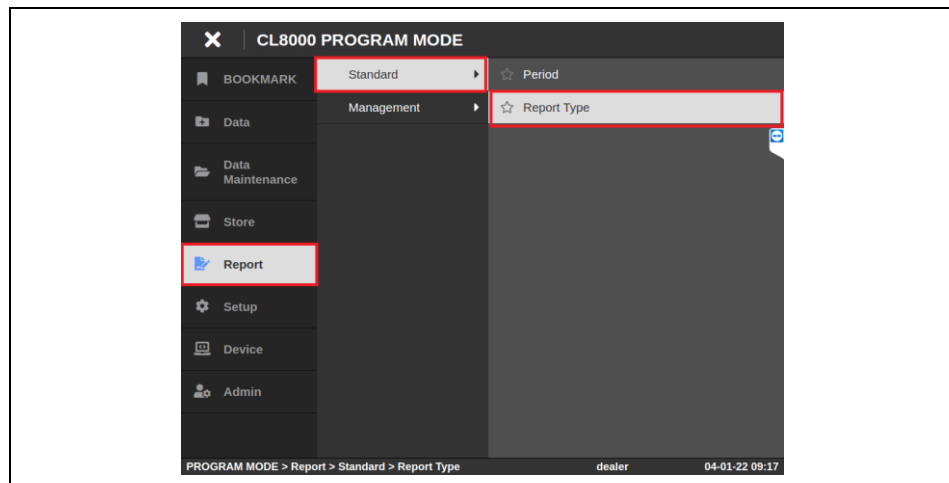
Period				
Hour	2021-01-18	2021-02-15	1. Defaultas	ALL
	Sales	Count	Weight	
03	192910	10014	102834	
04	28020	5	588	
05	14640	2	588	
06	23600	2	590	
07	23520	2	588	
08	2614520	261452	2614520	
09	138040	314	6226	
10	23520	2	588	
11	39330	4	1178	
12	11840	1	296	
total:	3173060	271808	2729804	

PROGRAM MODE > Report > Standard > Period



### 3.5.1.2. Report Type

- This menu is for viewing the sales report by PLU or department



1) View sales records for day, a week , a month by PLU or category.

- Check the sales record by selecting the product name or division.

Department	Product Id	Product Name	Today		One Week		One Month	
			Count	Sales	Count	Sales	Count	Sales
1	1	apple	0	0	260008	2619500	260008	2619500
1	2	banana	0	0	10041	536080	10041	536080
1	16	citrus	0	0	1	2880	1	2880
1	6	coconut	0	0	2	4500	2	4500
1	5	grape	0	0	1	3970	1	3970
1	12	lemon	0	0	1	2240	1	2240
1	14	melon	0	0	1	3140	1	3140
1	10	pepper	0	0	730001	7301770	730001	7301770
1	3	persimmons	0	0	1	3620	1	3620
Total:			0	0	1000057	10477700	1000057	10477700

2) Search by product (department) name or product (department) number.

Report Type

Product Name: 1. Defaultasd

ALL

ALL NAME CODE

Department	Product Id	Product Name	Today		Count	Sales	One Month	
			Count	Sales			Count	Sales
1	1	apple	0	0	260008	2619500	260008	2619500
1	2	banana	0	0	10041	536080	10041	536080
1	16	citrus	0	0	1	2880	1	2880
1	6	coconut	0	0	2	4500	2	4500
1	5	grape	0	0	1	3970	1	3970
1	12	lemon	0	0	1	2240	1	2240
1	14	melon	0	0	1	3140	1	3140
1	10	pepper	0	0	730001	7301770	730001	7301770
1	3	persimmons	0	0	1	3620	1	3620
Total:			0	0	1000057	10477700	1000057	10477700

PROGRAM MODE > Report > Standard > Department

Guest 2021-02-15 16:32

3) When you select a product, you can view detailed information.

Report Type

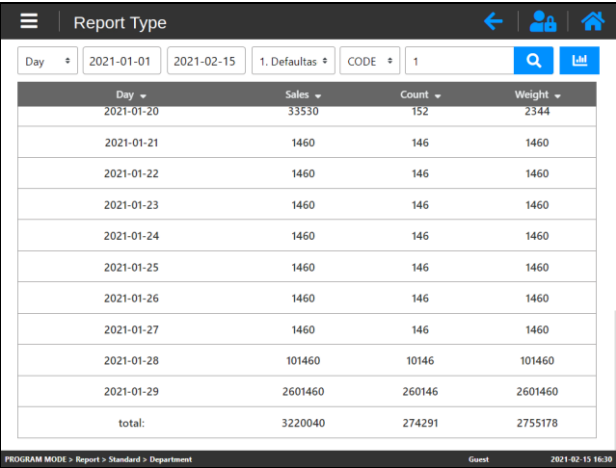
Product Name: Department Select

ALL

Department	Product Id	Product Name	Today		One Week		One Month	
			Count	Sales	Count	Sales	Count	Sales
1	1	apple	0	0	260008	2619500	260008	2619500
1	2	banana	0	0	10041	536080	10041	536080
1	16	citrus	0	0	1	2880	1	2880
1	6	coconut	0	0	2	4500	2	4500
1	5	grape	0	0	1	3970	1	3970
1	12	lemon	0	0	1	2240	1	2240
1	14	melon	0	0	1	3140	1	3140
1	10	pepper	0	0	730001	7301770	730001	7301770
1	3	persimmons	0	0	1	3620	1	3620
Total:			0	0	1000057	10477700	1000057	10477700

PROGRAM MODE > Report > Standard > Department

Guest 2021-02-15 16:33



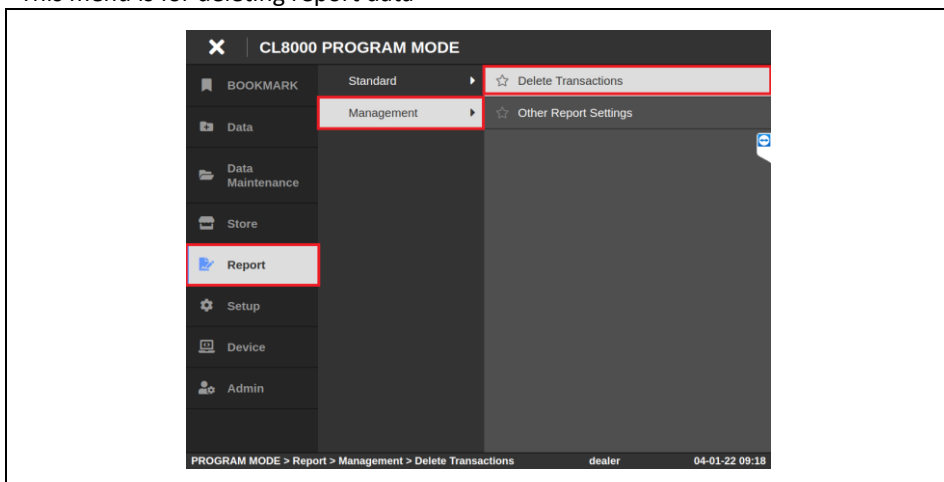
The screenshot shows the 'Report Type' screen in the CL8000 software. At the top, there are filters for 'Day' (2021-01-01 to 2021-02-15), '1. Defaults', and 'CODE' (1). Below the filters is a table with four columns: Day, Sales, Count, and Weight. The table lists daily sales data for January 2021, with a total row at the bottom. The status bar at the bottom indicates 'PROGRAM MODE > Report > Standard > Department' and 'Count'.

Day	Sales	Count	Weight
2021-01-20	33530	152	2344
2021-01-21	1460	146	1460
2021-01-22	1460	146	1460
2021-01-23	1460	146	1460
2021-01-24	1460	146	1460
2021-01-25	1460	146	1460
2021-01-26	1460	146	1460
2021-01-27	1460	146	1460
2021-01-28	101460	10146	101460
2021-01-29	2601460	260146	2601460
total:	3220040	274291	2755178

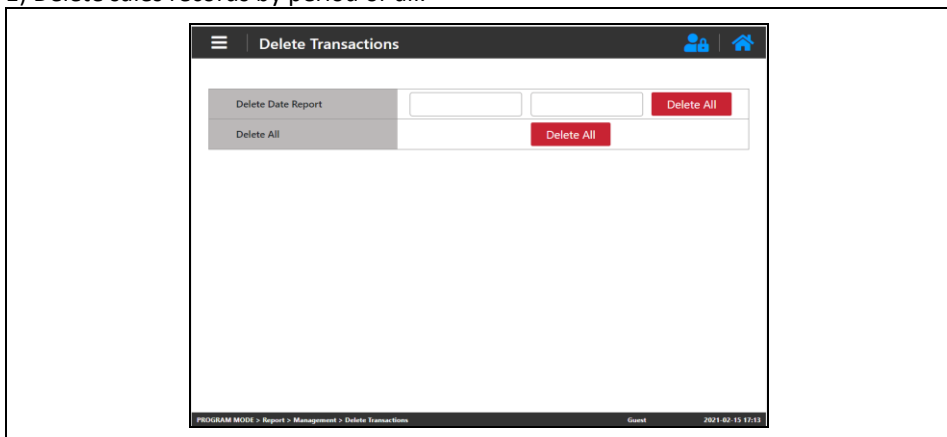
## 3.5.2. Report – Management

### 3.5.2.1. Delete Transactions

- This menu is for deleting report data

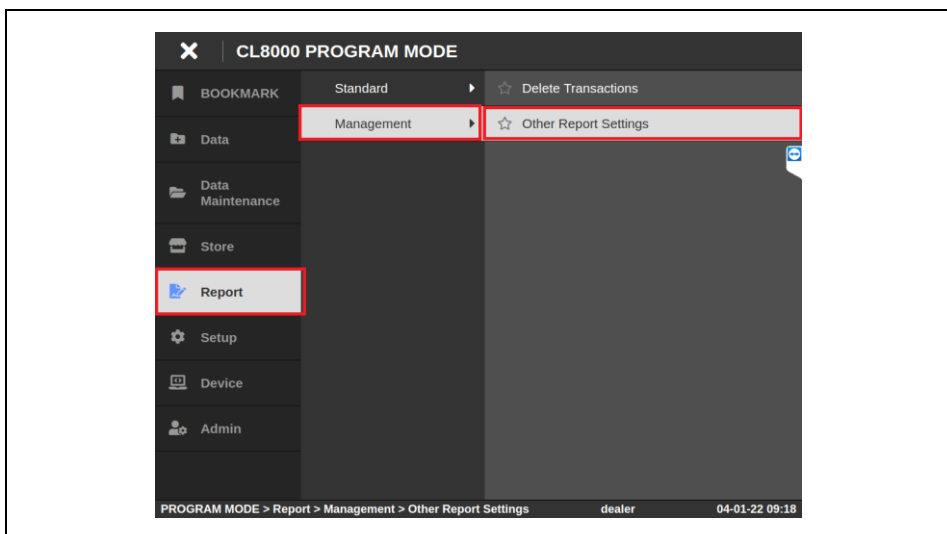


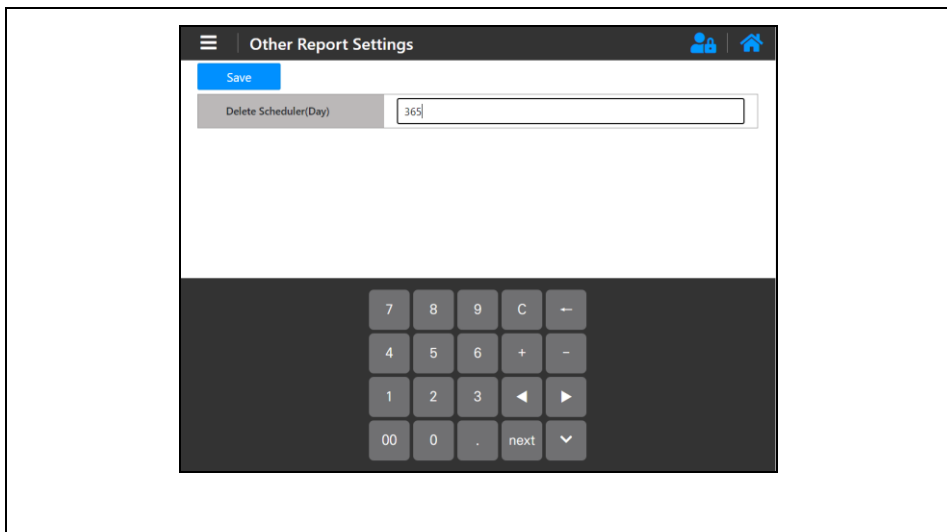
### 1) Delete sales records by period or all.



### 3.5.2.2. Other Report Settings

- View the sales report by PLU or department





#### # Delete Scheduler (Day)

: When the scale is turned on, data that have passed the period set in this item are automatically deleted.

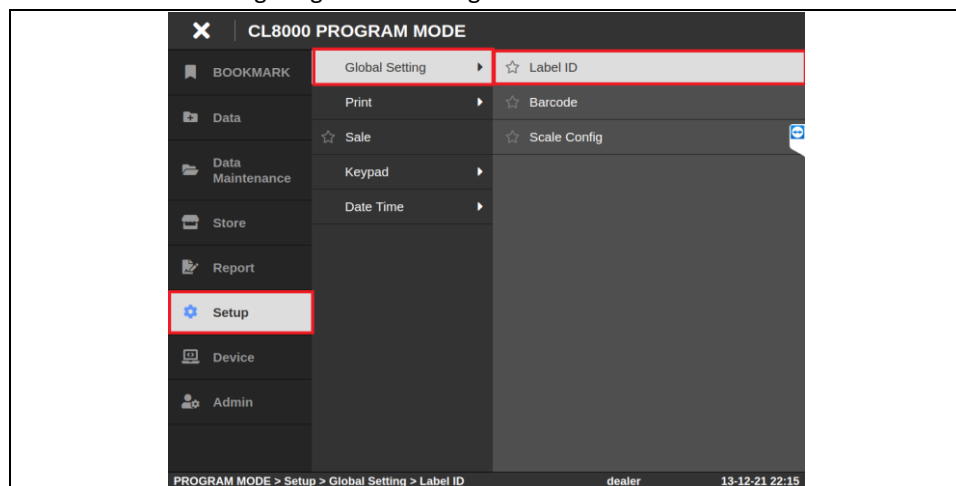
For example, if you enter 365, sales data older than 365 days will be deleted.

## 3.6. SETUP MENU

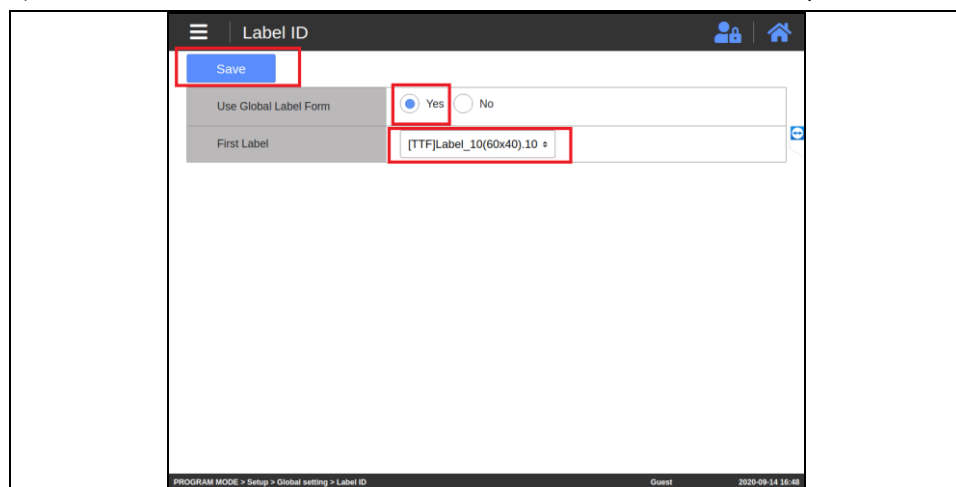
### 3.6.1. Setup – Global setting

#### 3.6.1.1. Label ID

- This menu is for configuring Global Setting - Label



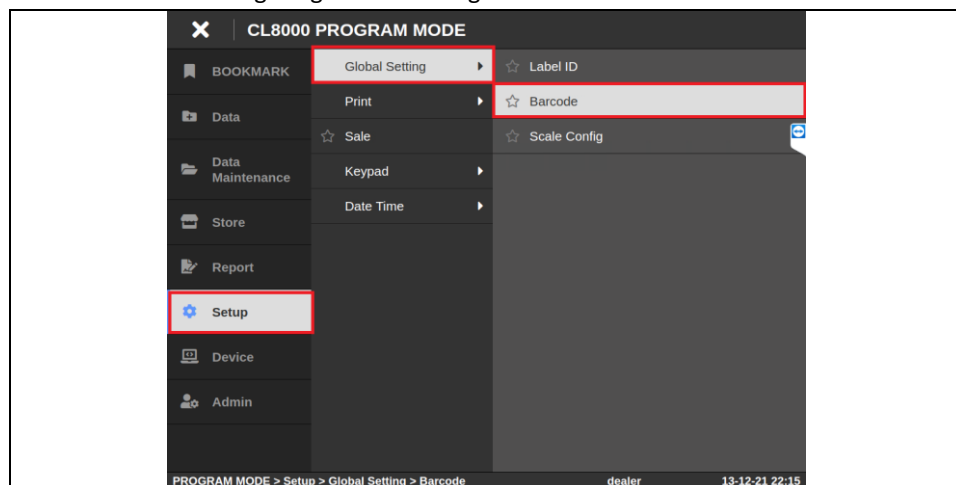
1) You can choose to use or unuse Global Label, and the label form which you would use.



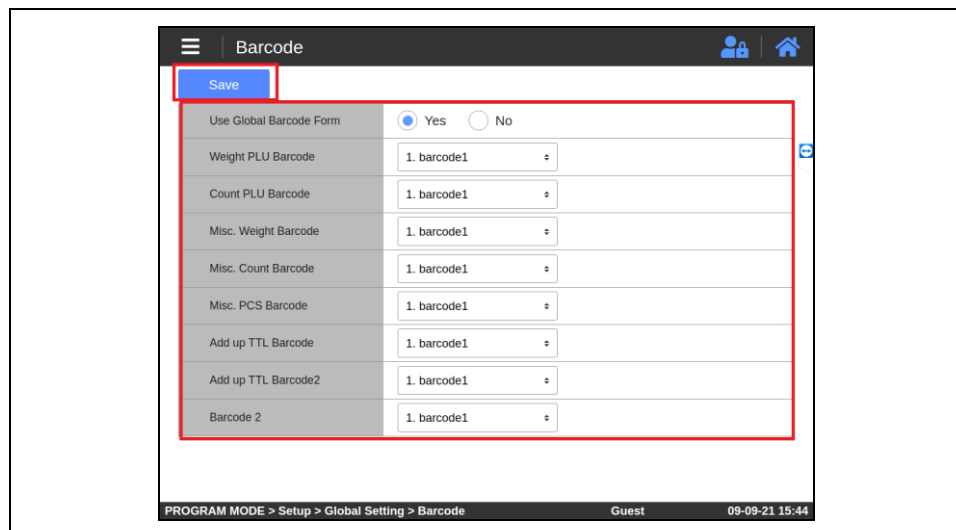
# First Label – The first label form which is used at the event of sales.

### 3.6.1.2. Barcode

- This menu is for configuring Global Setting - Barcode



1) Check “YES” in the “Use Global Barcode” row, select each barcode item then press “Save” button.



# Weight PLU Barcode → Weighed product

# Count PLU Barcode → Counted product

# PCS PLU Barcode → PCS product

# MISC Weight Barcode – MISC Weighed product

# MISC Count Barcode – MISC Counted product

# MISC Pcs Barcode – MISC PCS PCS product

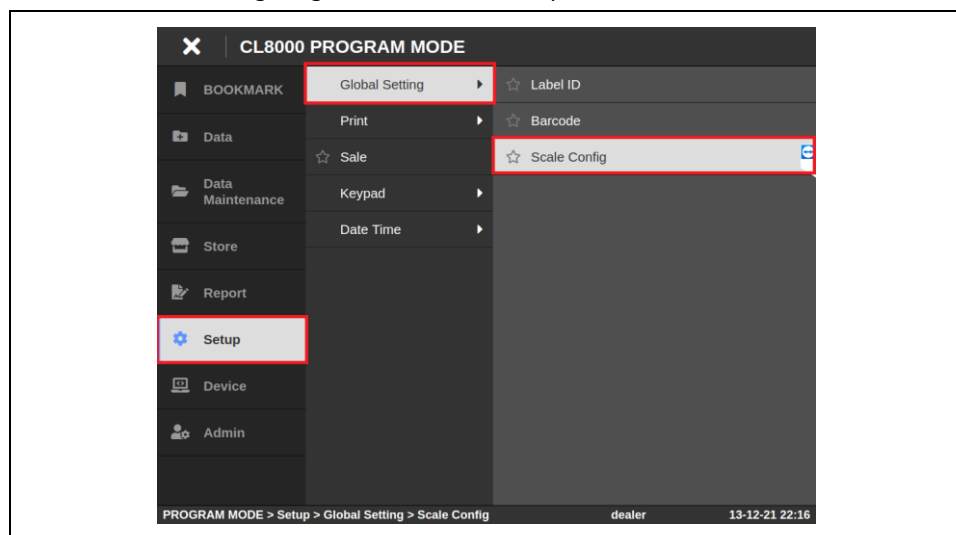
# Add up TTL Barcode – Barcode 1 of Total Label

# Add up TTL Barcode2 – Barcode 2 of Total Label

# Barcode2 → For Barcode2

### 3.6.1.3. Scale Config

- This menu is for configuring Sales Mode and templates of scale.



## 1) set each item

The screenshot shows the 'Scale Config' screen with a 'Save' button at the top left. Below it is a table of settings:

Scale ID	1
PCS Symbol	EA
Department No.	1. default
Prefix	
Store No.	1. C A S
Use Transaction	No

At the bottom of the screen, there is a status bar with the text: 'PROGRAM MODE > Setup > Global Setting > Scale Config', 'Guest', and '09-09-21 15:44'.

# Scale ID -scale number

# PCS Symbol – The unit that follows the number of Count/PCS items sold (Global Setting)

# Department No. – The department number used to call the product call.

# Prefix – The fixed value printed on the barcode.

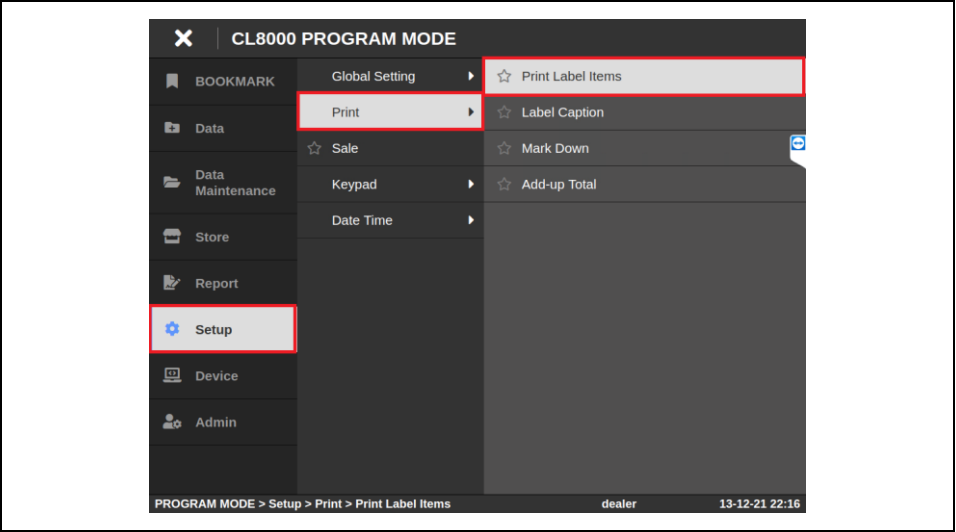
# Store No. – Store information,

# Use Transaction – Whether to use real-time report transmission.

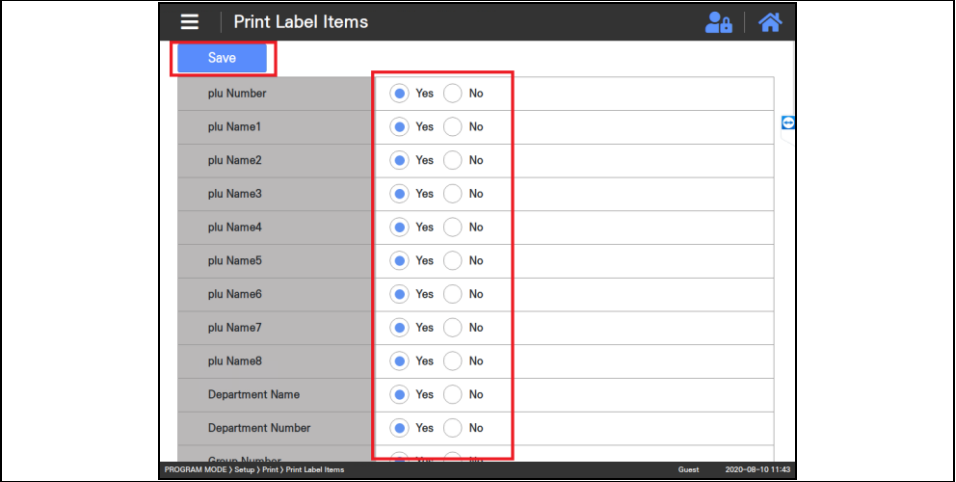
3.6.2. Setup – Print

3.6.2.1. Print Label Items

- This menu is for setting print options by field when printing labels.

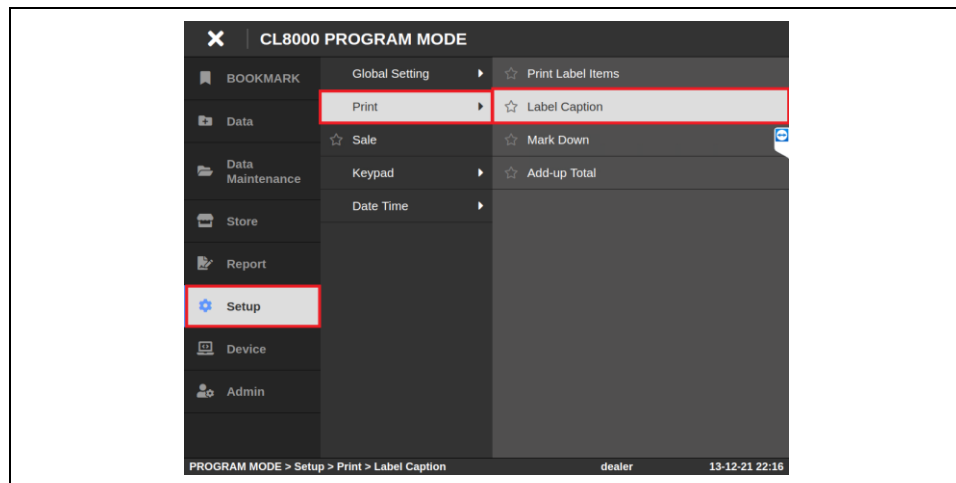


1) Once the setting is complete, press “Save” button.

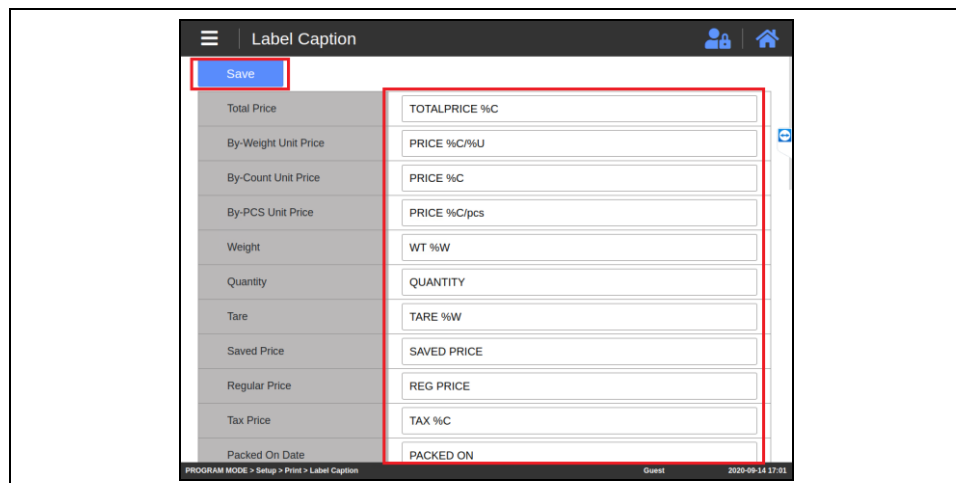


### 3.6.2.2. Label Caption

- This menu is for configuring printing value when printing caption portion of label fields.

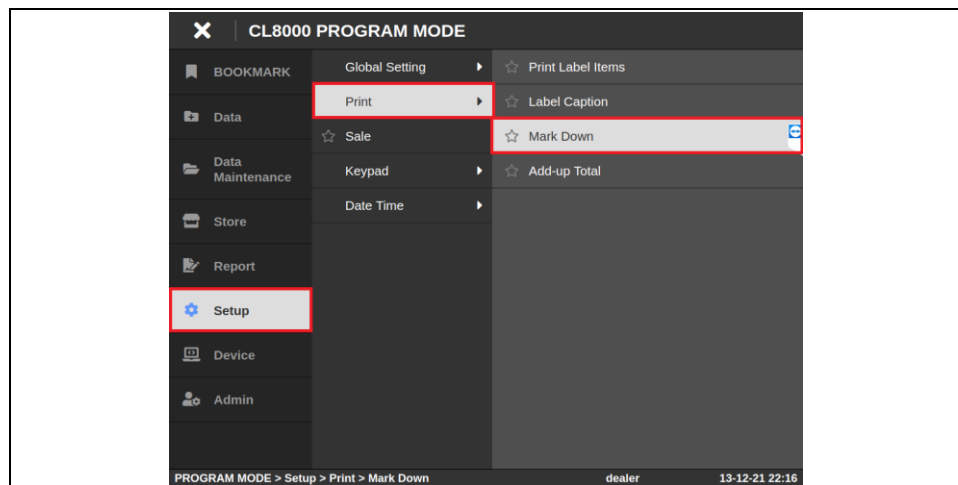


1) Type in values in the label caption fields of your choosing, then press “Save” button.  
(Printing label caption fields will print the saved values)

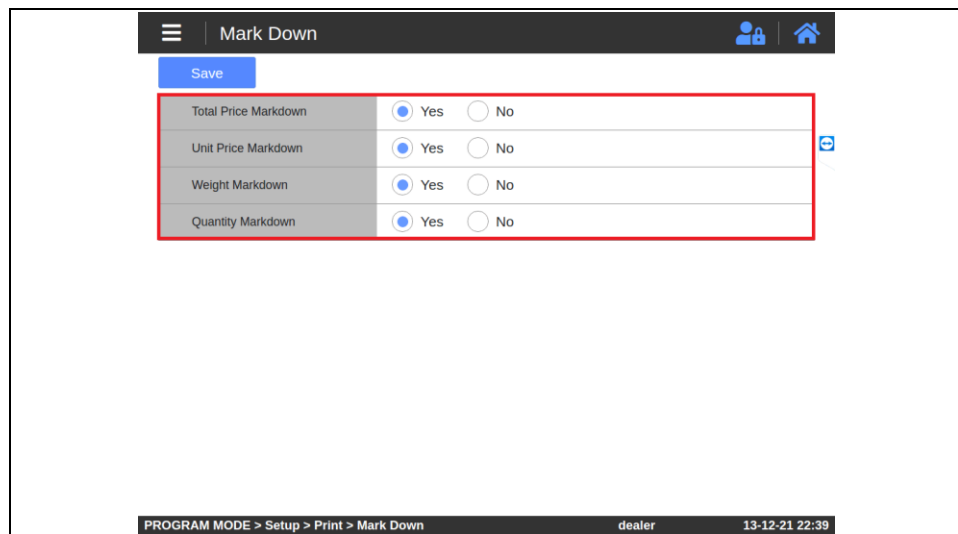


### 3.6.2.3. Mark Down

- This menu is for setting whether to apply Mark Down when printing the Mark Down field among label fields.

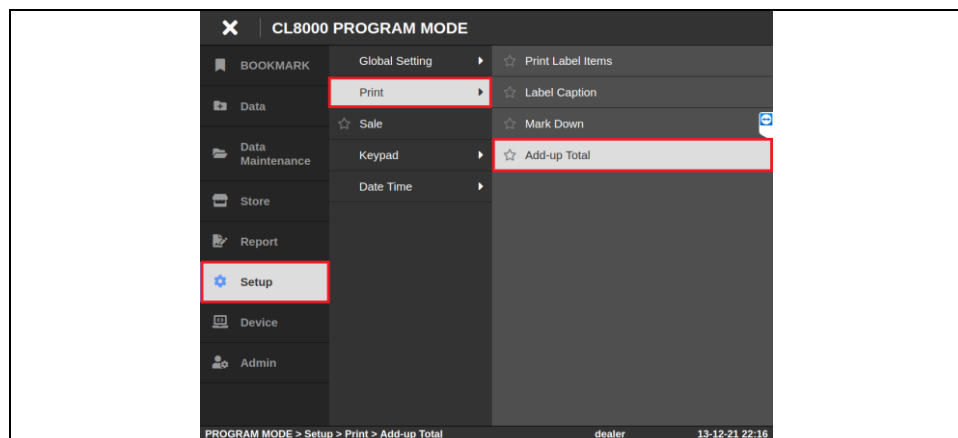


1) Markdown can be set.



### 3.6.2.4. Add-up Total

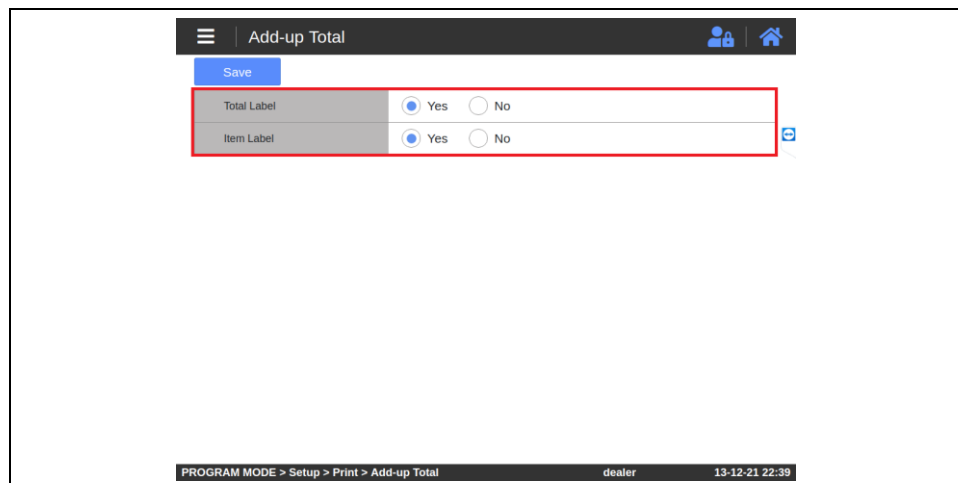
- This menu allows to set whether or not to issue a label for Add sales.



1) It can be set whether or not to print labels for Add sales.

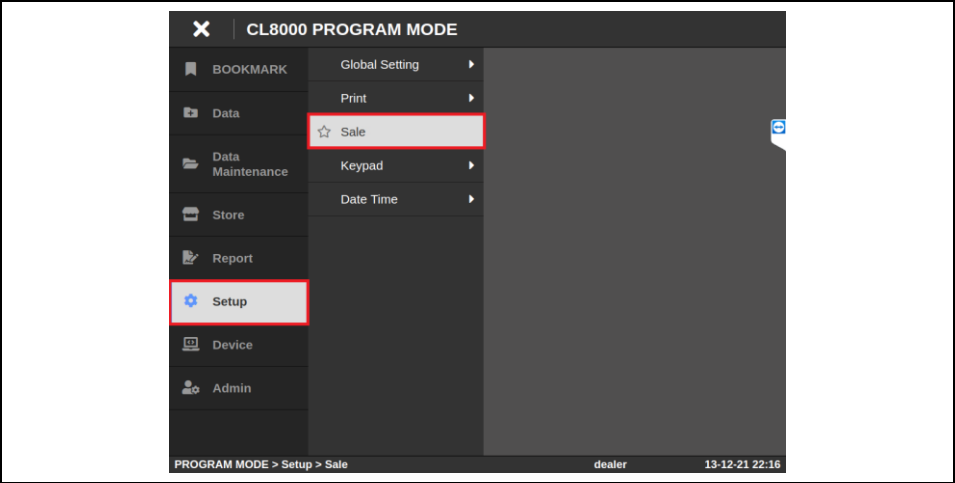
(If No is selected for Item Label, only sales information is recorded when selling a product, and no label is issued.)

(If No is selected for Total Label, only sales information is recorded when Total Label is issued after Add sales, and no label is issued.)

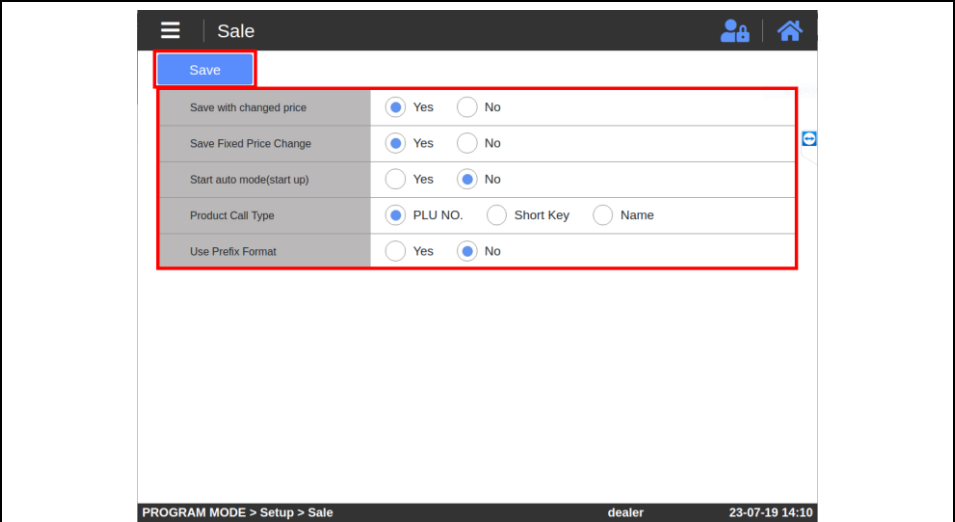


3.6.3. Setup – Sale

- This menu is for configuring sales-related settings.



1) Click “Save” button to save the sales configuration.



# Save With Changed Price

: When issue after changing the unit price of a product, the unit price of the issued product is

saved.

**# Save Fixed Price Change**

: When change a product to a fixed price product using the fixed price function key and then issue it, the issued product is saved as a fixed price product.

**# Start Auto mode**

: Set On / Off status of Auto mode when the application starts.

If Auto mode is on, a product will be auto-sold and label printed out once the indication stabilizes.

**# Product Call Type**

: Set values which will be used when looking up products.

PLU NO - Look up product that corresponds to the PLU No.

Short Key - Look up product that corresponds to the Short Key.

**# Use Prefix Format**

: Set whether to enter the Prefix value in DD filed among barcode formats.

### 3.6.4. Setup – Keypad

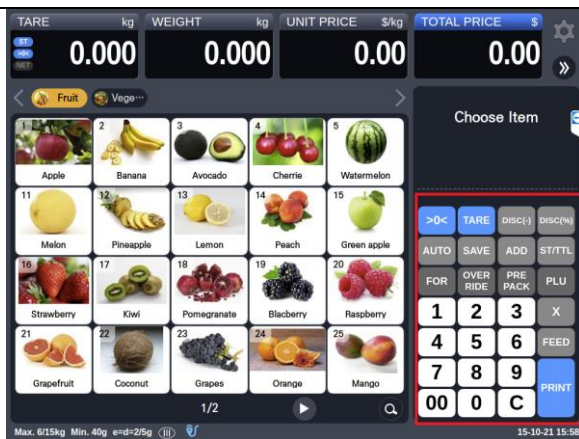
#### 3.6.4.1. Keypad Layout Type

- Keypad layout type are two types' General type, full type

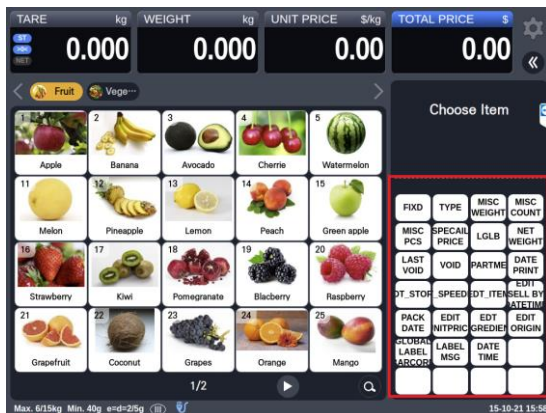
##### 1) General Type

On sale screen. Both product key and function key are displayed.

On general type, you can use 2 function key pages.



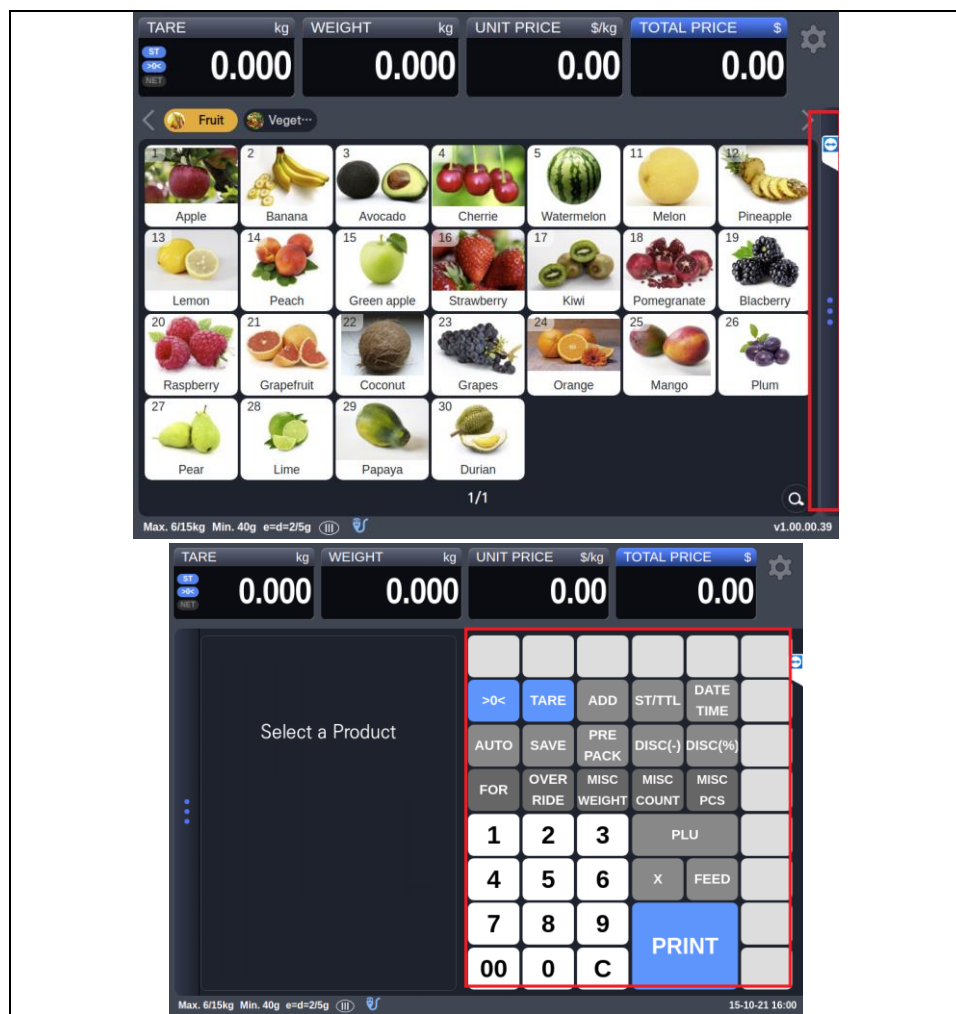
[Page 1]



[Page 2]

2) Full Type : There is only products key on the sale screen, if you click the side tap, the function key appears

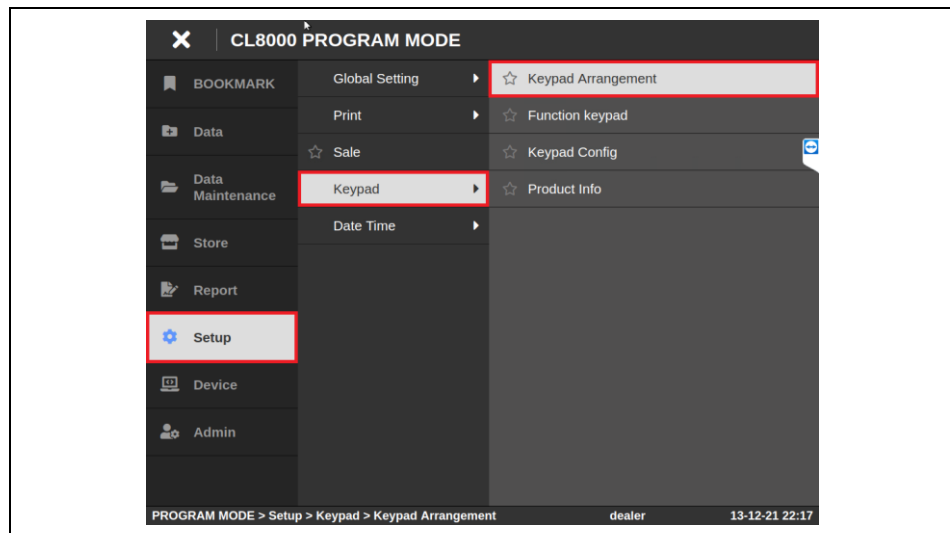
If you call the product in the sale screen, the function key appear automatically.



### 3.6.4.2. Keypad Arrangement

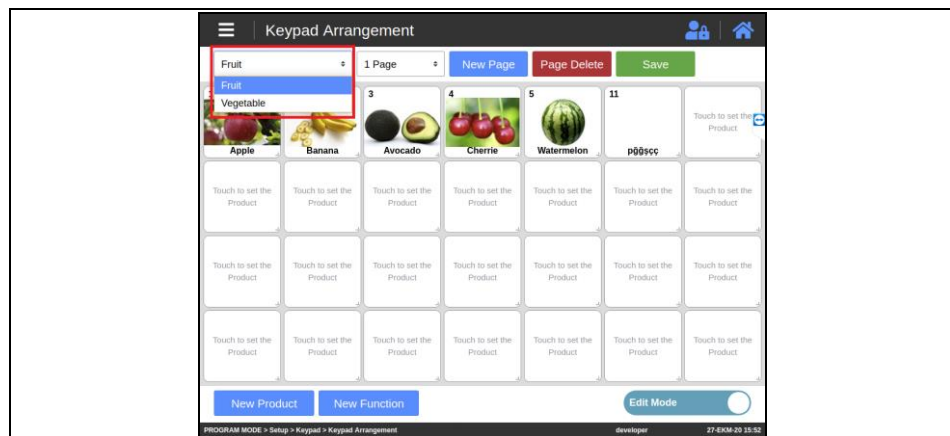
- This menu is for design the Keypad.

When 'Keypad Arrangement Type' in the 'Keypad Config' menu is set to MANUAL, the status set in this menu is applied to the sales screen.(see #Keypad Config )



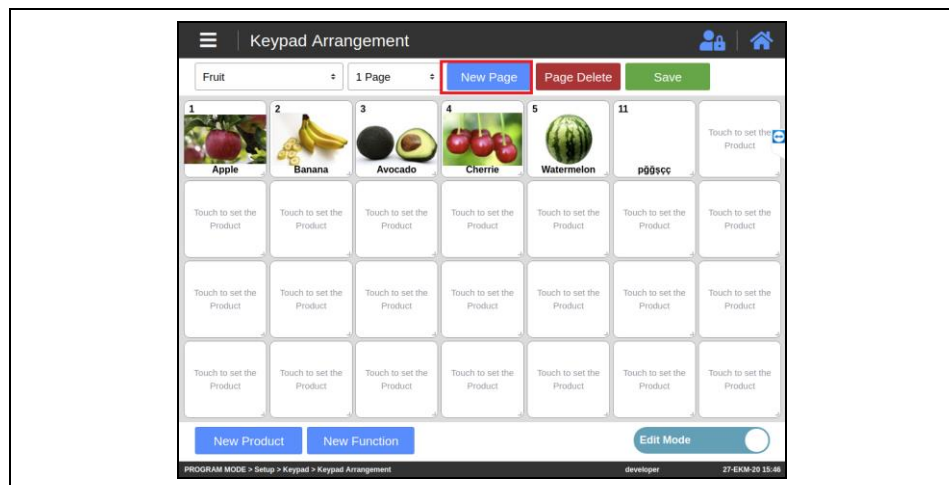
#### 3.6.4.2.1. Change category

1) You can select category and set the keypad for that category.



### 3.6.4.2.2. Add page

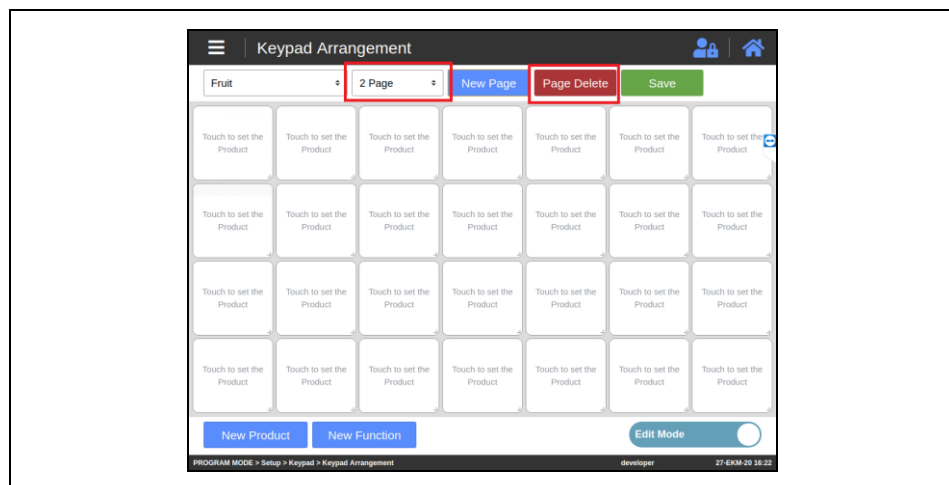
1) You can add a keypad page by clicking the New page button.



### 3.6.4.2.3. Delete page

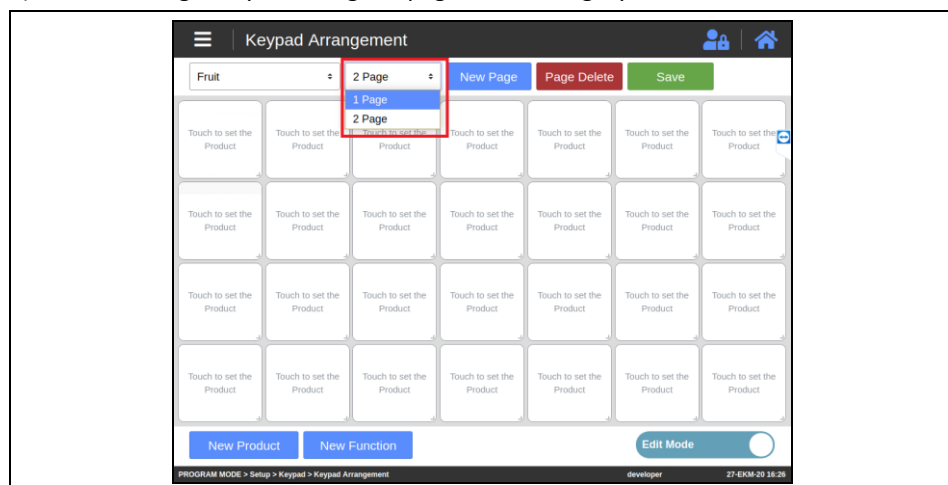
1) You can delete the page on the keypad by clicking the page Delete button.

(Page 1 cannot be deleted.)



## 3.6.4.2.4. Change page

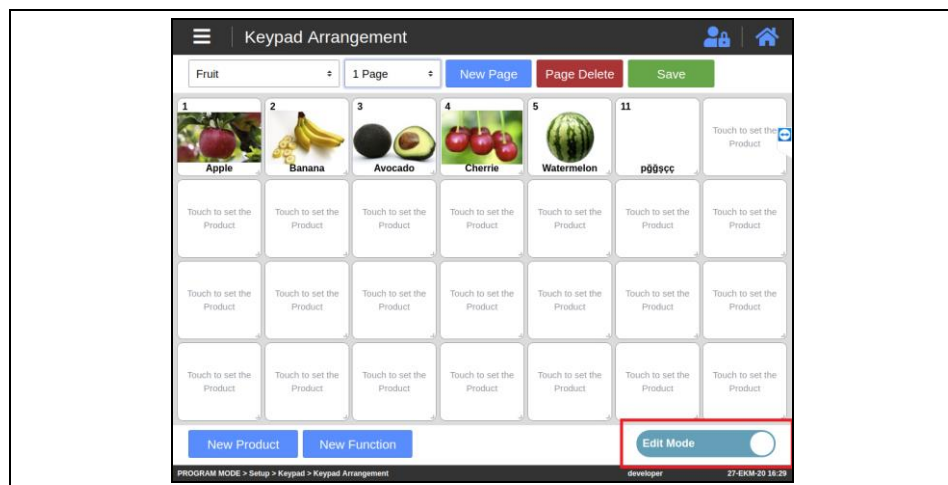
1) You can change it by selecting the page of the category.



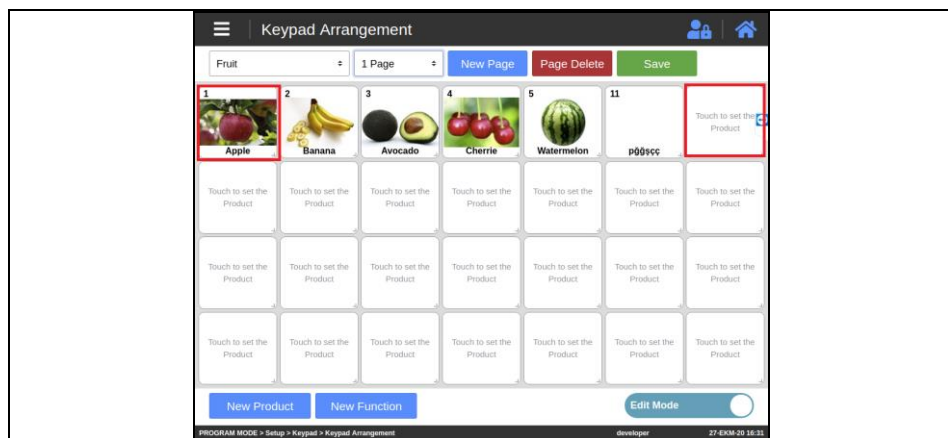
## 3.6.4.2.5. Edit keypad

- Product or function keys can be assigned to each item on the keypad.

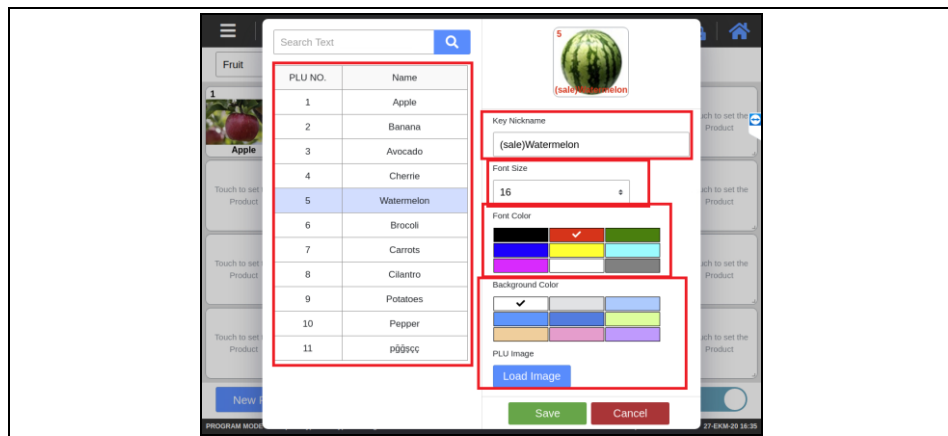
1) Set the keypad to Edit Mode.



2) You can click an empty item on the keypad to specify a product, or click an existing keypad item to modify it.



3) Set product, image, font, etc. on the keypad.



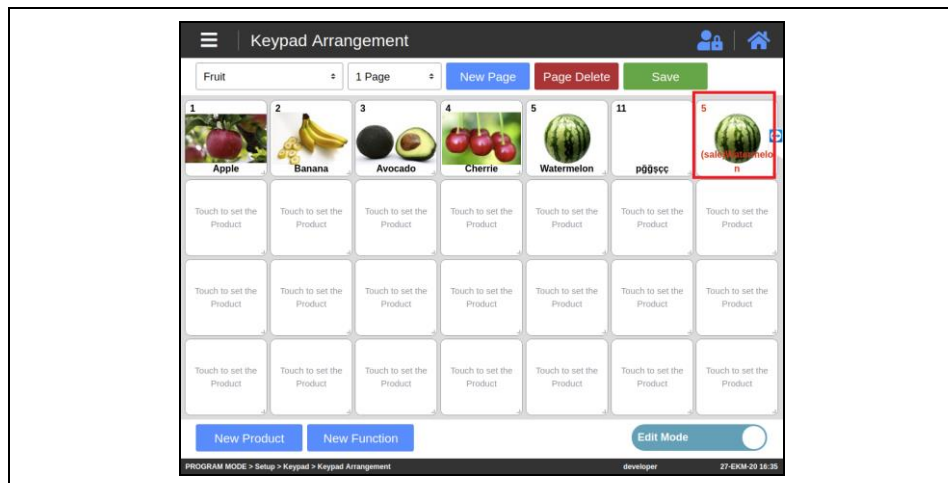
# Select a product.

# Nickname can be set to display on the keypad instead of the product name.

# You can set the font size and color.

# You can set the image of the product.

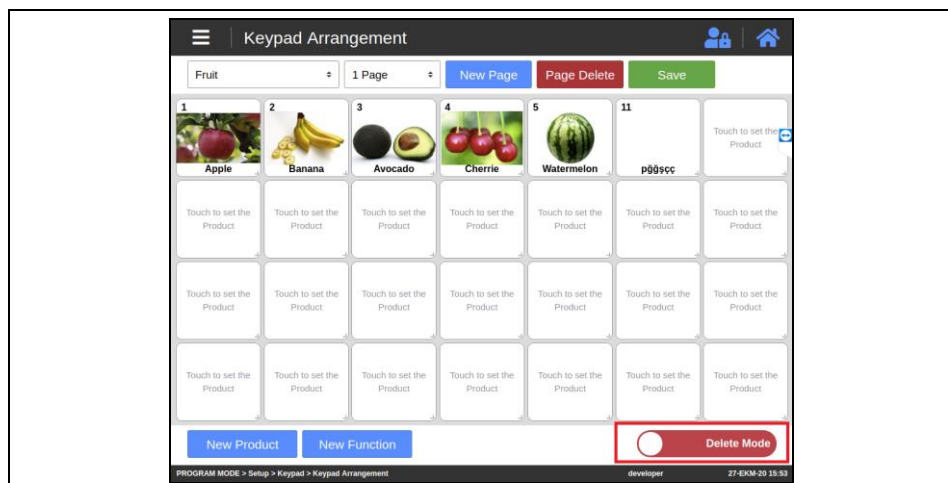
4) The registered keypad is displayed on the screen.



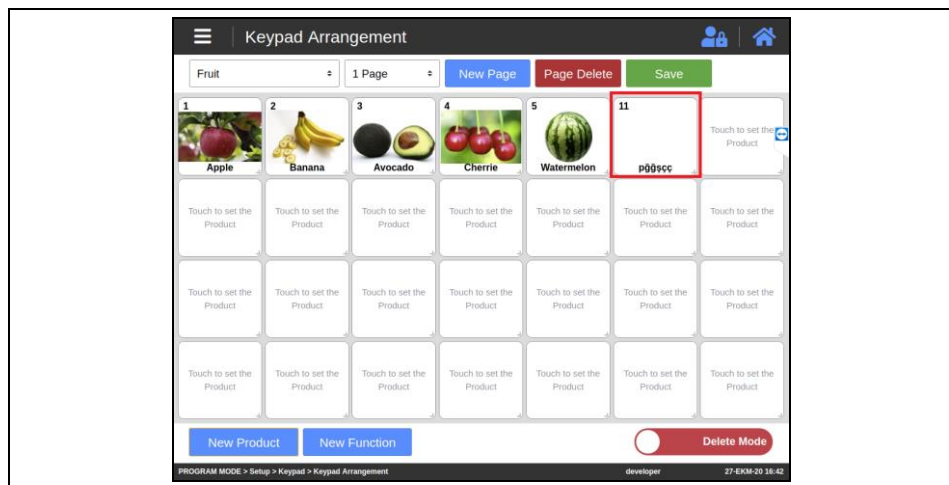
## 3.6.4.2.6. Delete keypad item

■ You can delete each item on the keypad.

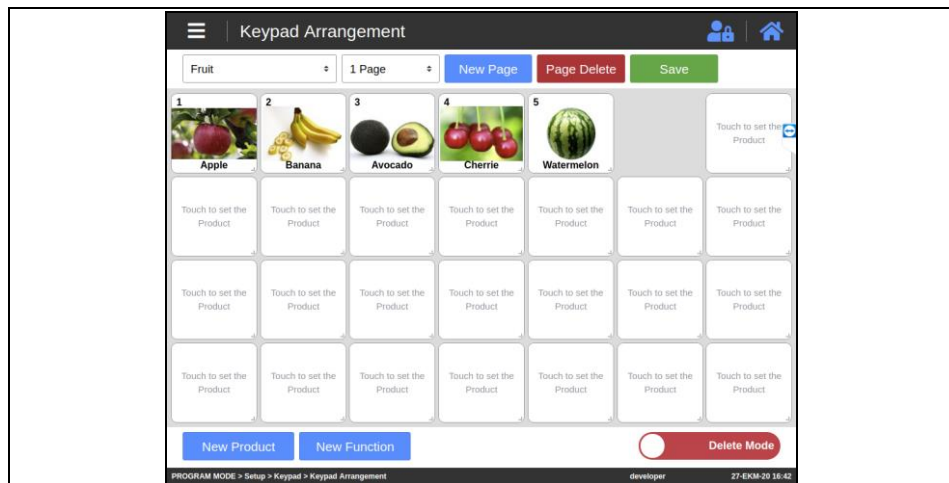
1) Set the keypad to Delete mode.



2) You can click on the keypad entry to delete it.



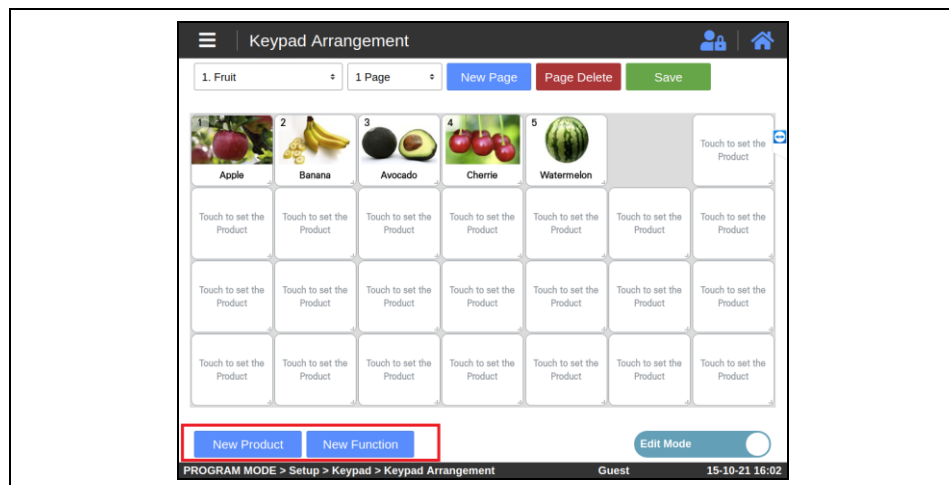
3) You can check the deleted keypad items.



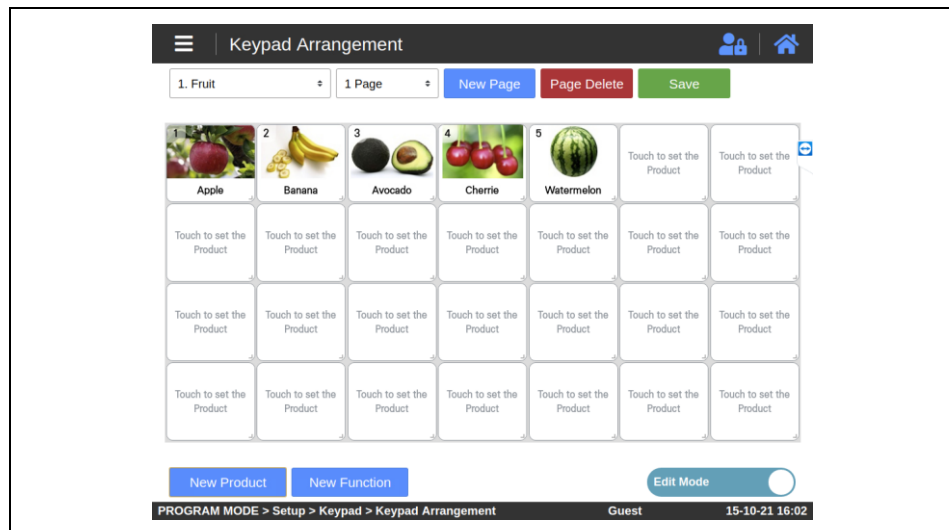
### 3.6.4.2.7. Add keypad item

- Each item on the keypad can be added.

1) You can add keypad items by clicking the New Product button.



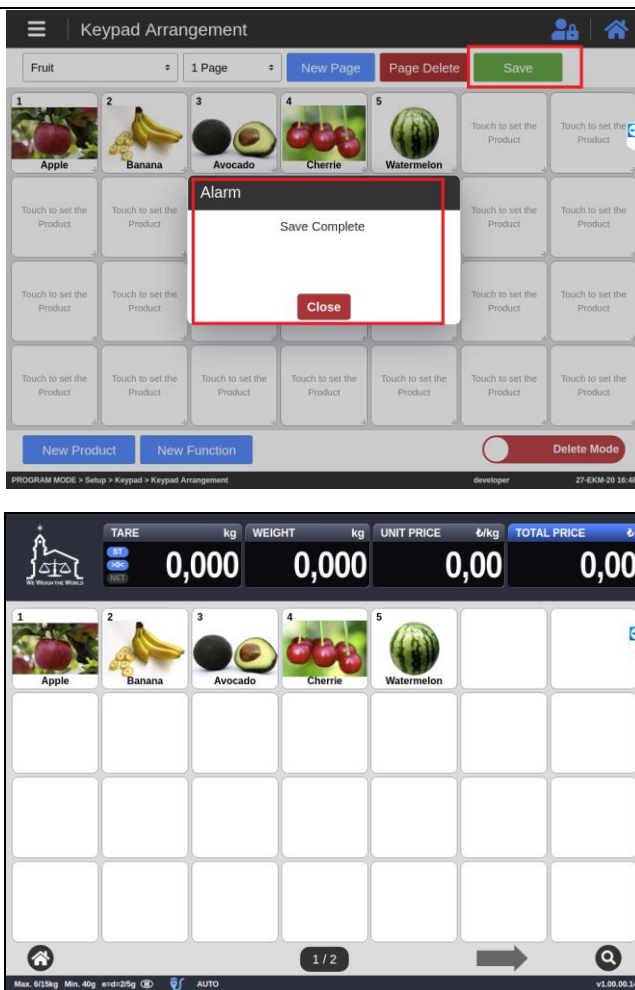
2) You can check the added keypad items.



### 3.6.4.2.8. Save keypad

- You can save the set keypad information.

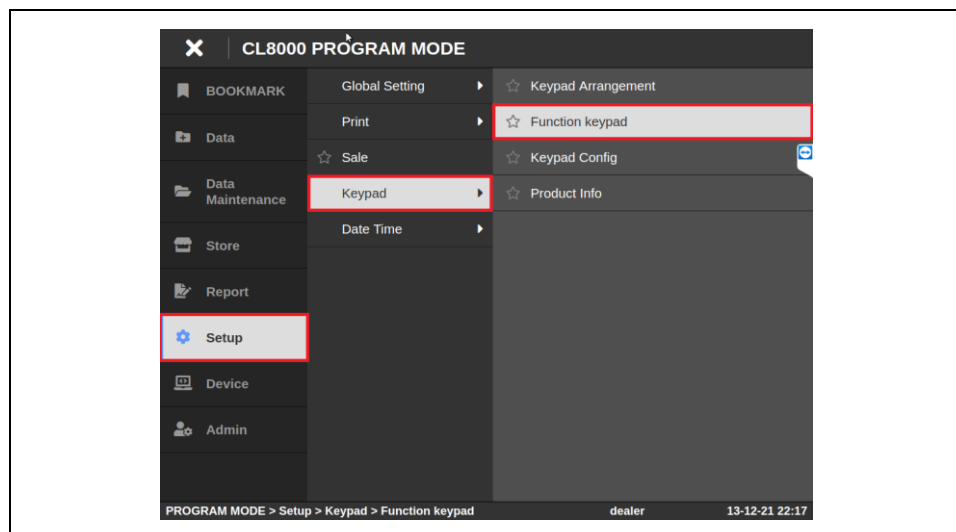
1) You can save the changed keypad information by clicking the Save button.



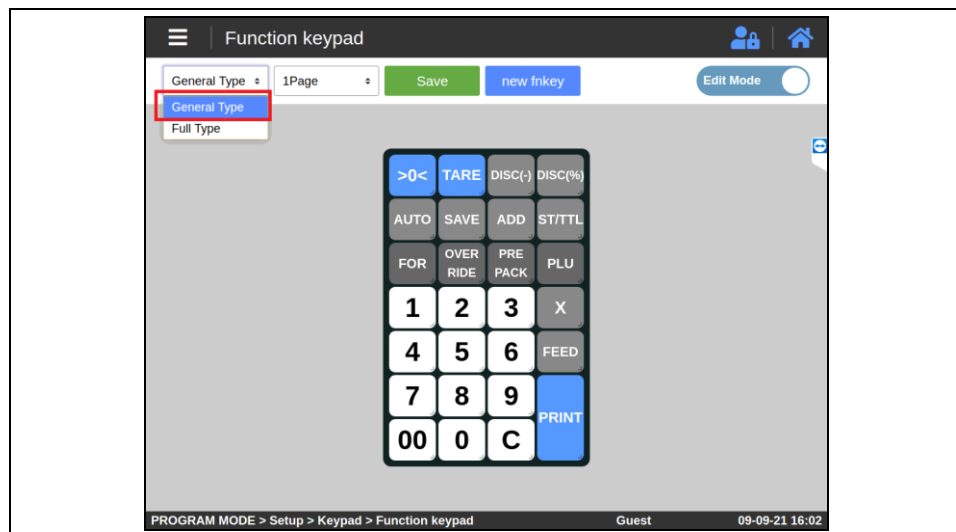
The edited keypad is displayed on the sales screen.

### 3.6.4.3. Function Keypad

- This menu is for configuring the Function Keypad.

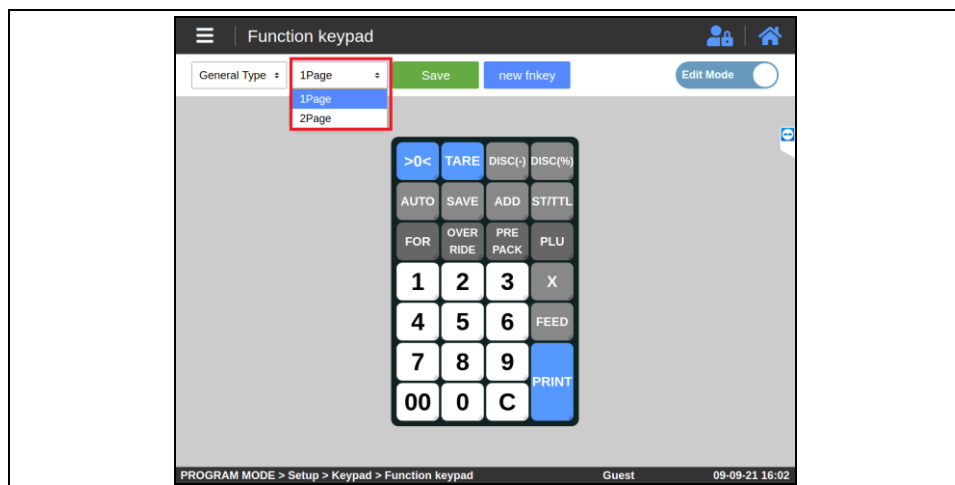


#### 1) Set the function key type



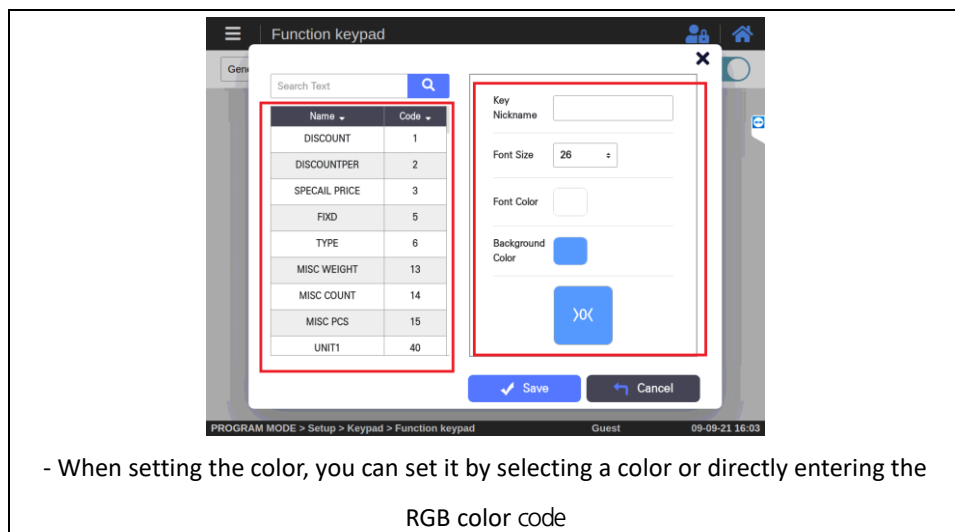
## 2) Set the page

General Type: page option: 1-2 pages. / Full Type: page option :1 page

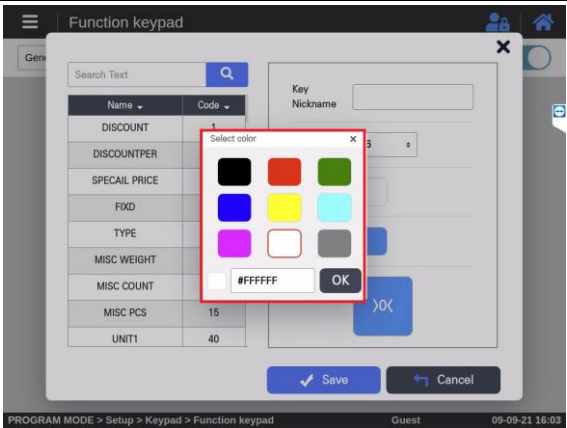


## 3) Press “new fnkey” to add the function key. Or you can modify existent key.

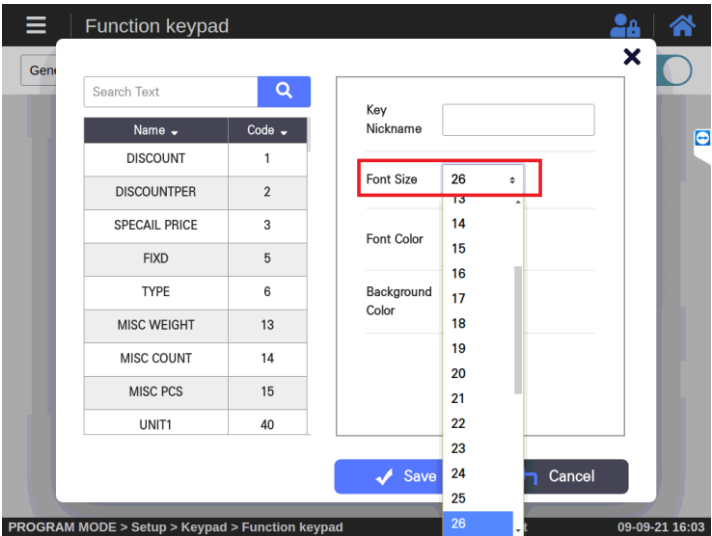
Designate each function key's Nick Name, Font Size, Font Color, Background Color etc.



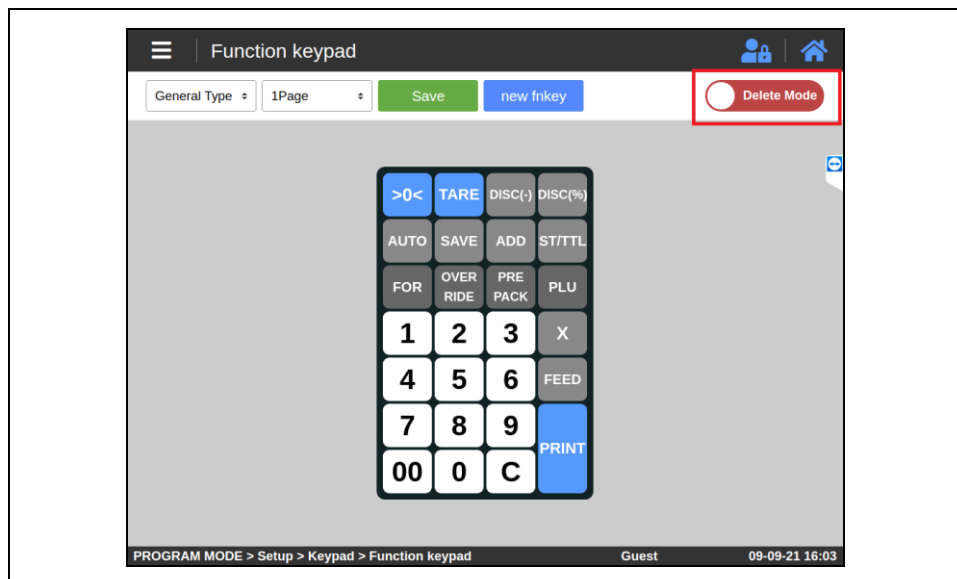
- When setting the color, you can set it by selecting a color or directly entering the RGB color code



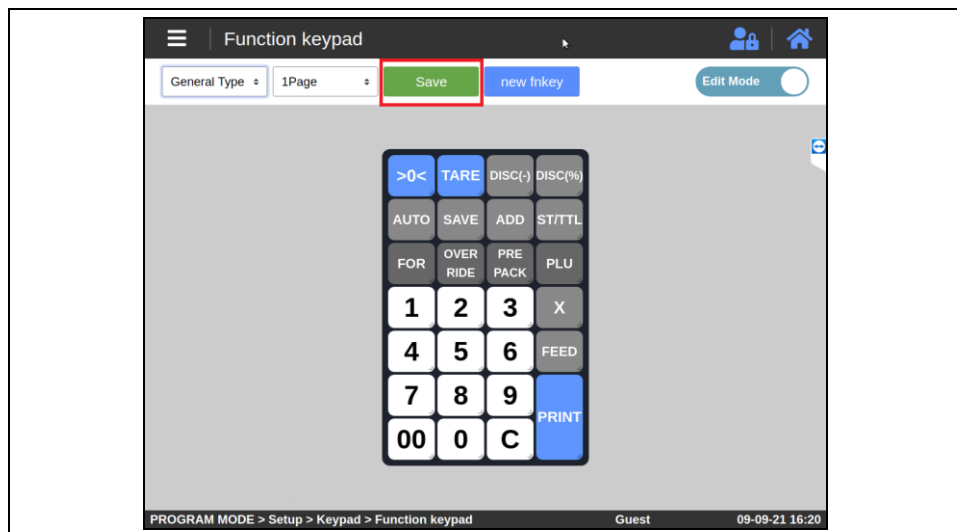
- You can set Font size(8~40)



4) You can delete each key by changing Edit mode to Delete mode.

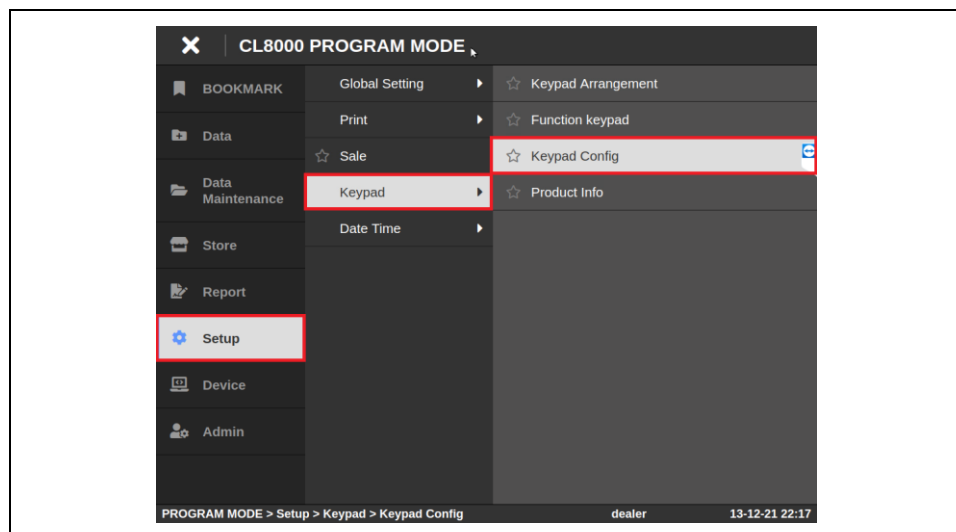


5) Press 'save' to save the setting.

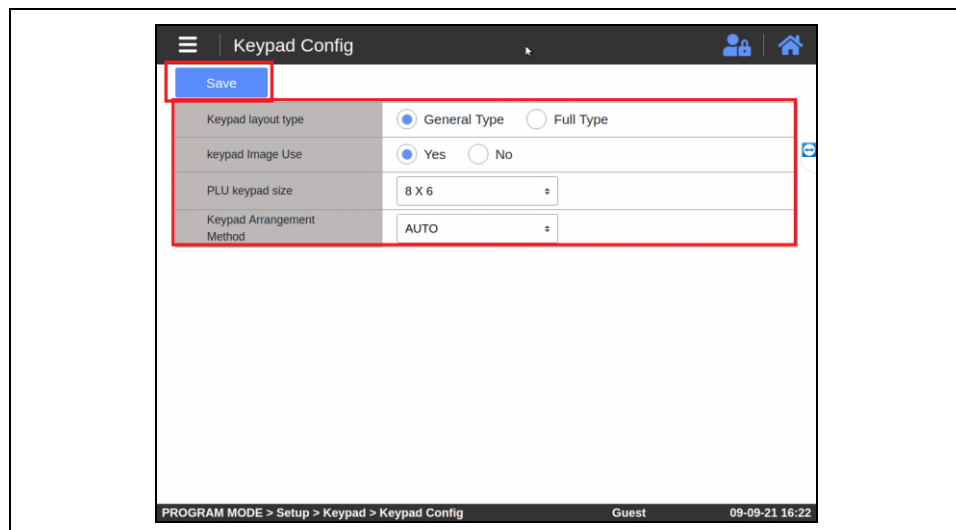


### 3.6.4.4. Keypad Config

- This menu is for configuring the Keypad.



1) set each item



# Keypad layout type – Keypad display type.

# Keypad Image Use – Whether to use the image of the product keypad.

# PLU keypad size – Set product tile size that is displayed on Self Keypad screen.

# Keypad Arrangement Method

: Can choose to auto-arrange products or manually assign their locations.

- AUTO: Auto-assigns PLUs (product info) to the keypad in sequence.

- MANUAL -> User manually assigns products to the keypad.

# Self Keypad Type: Set product tile size that is displayed on Self Keypad screen.

# Keypad Arrangement Type

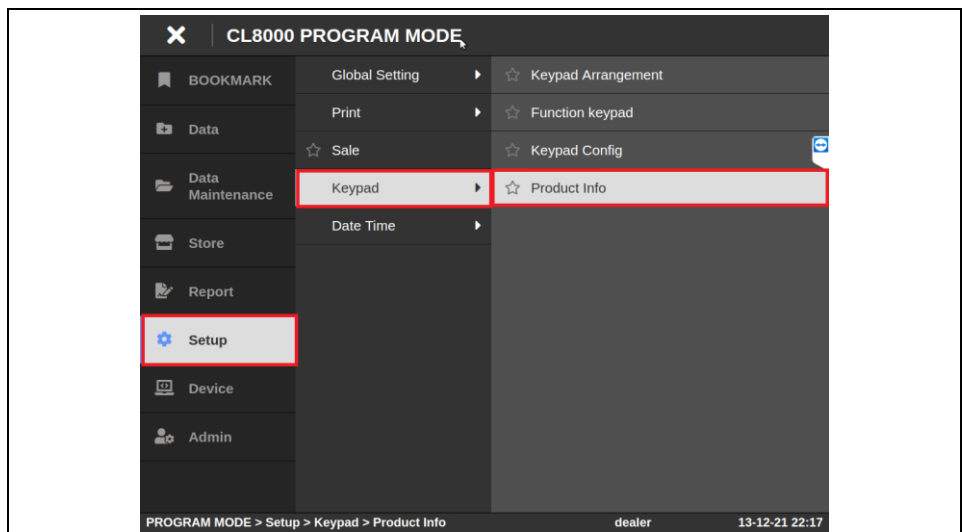
: Can choose to auto-arrange products or manually assign their locations.

- AUTO: Auto-assigns PLUs (product info) to the keypad in sequence.

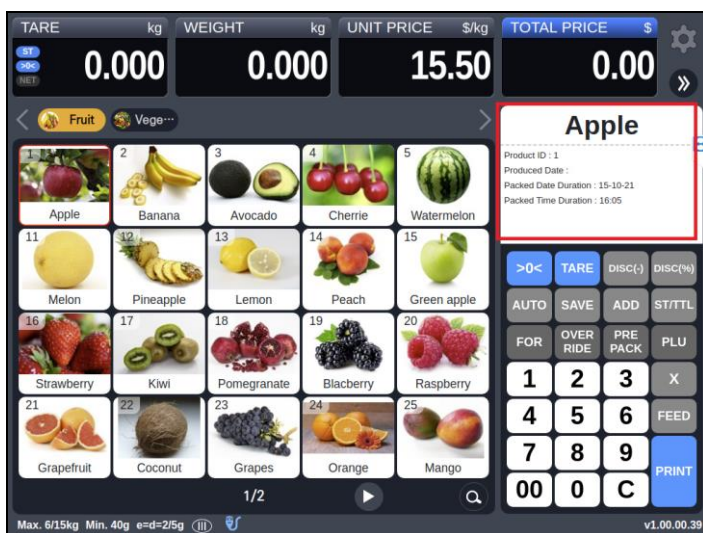
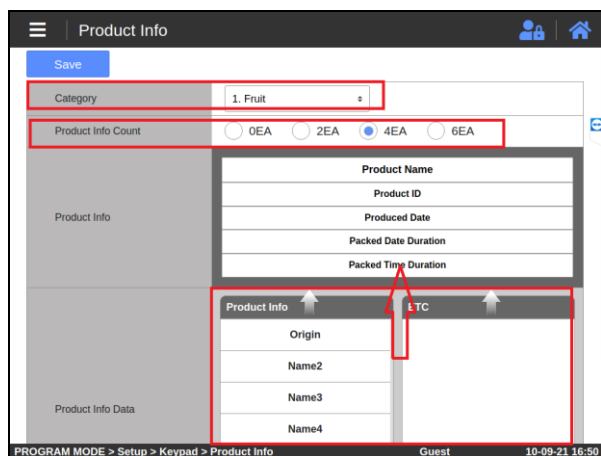
- MANUAL -> User manually assigns products to the keypad.

### 3.6.4.5. Product Info

- this menu is for configuration each product information on sale screen



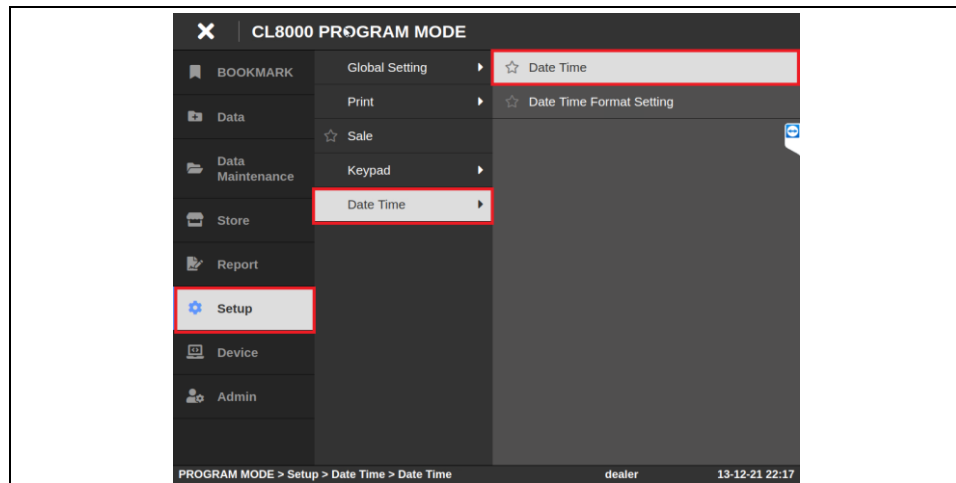
1) After selecting the category and number of product information to use, you can set product information by drag and drop in product info.



### 3.6.5. Setup – Date Time

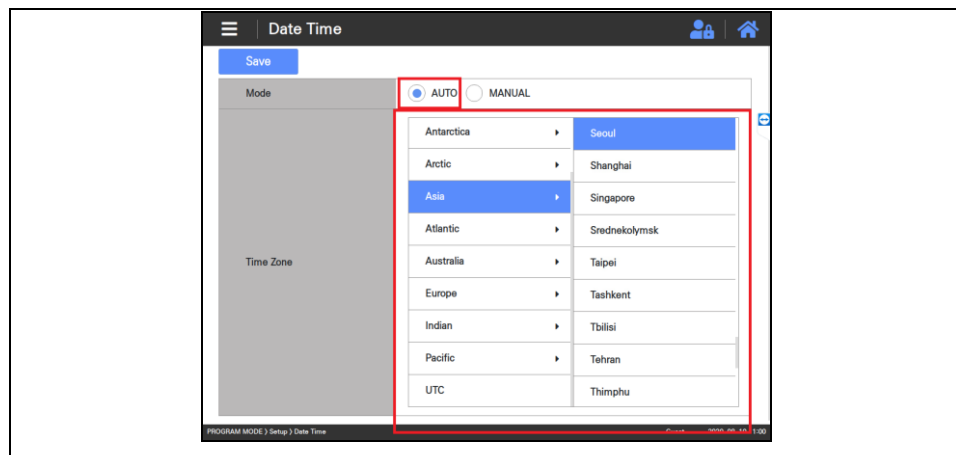
#### 3.6.5.1. Setup - Date Time

- This menu is for configuring the standard time zone.

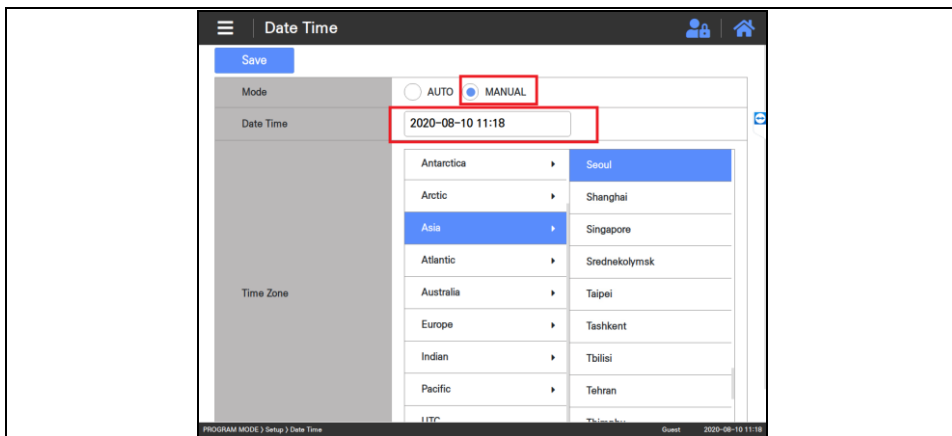


1) Set the Mode to AUTO, then select the country to set the time.

(Time will auto-adjust only if an internet connection is available)

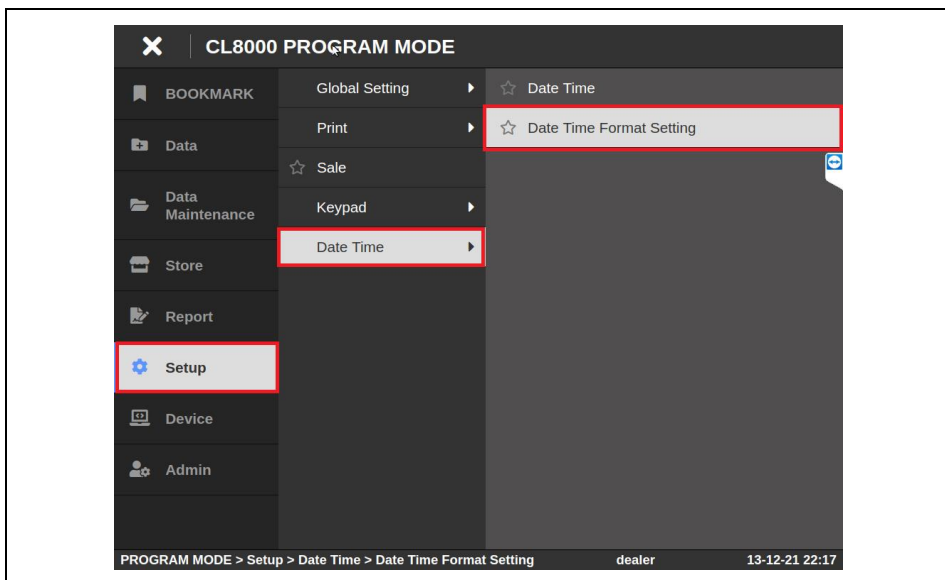


2) It is also possible to enter date and time manually by selecting MANUAL Mode.



### 3.6.5.2. Setup - Date Time Format

- You can set the format of the date/time displayed on the screen and the date/time printed on the label.



1) After setting each value, you can save it by clicking the Save button.

Date Time Format Setting	
Date Format	DAY-MONTH-YEAR
Time Format	HHMM
Year Formats	YY_01
Month Format	MMM_JAN
Date Separator	-
Time Separator	:

PROGRAM MODE > Setup > Date Time > Date Time Format Setting      developer      27-EKM-20 16:55

# Date Format -> The order of year, month, and day when displaying dates

# Time Format -> Hour, minute, second display format

# Year Format -> Year display format

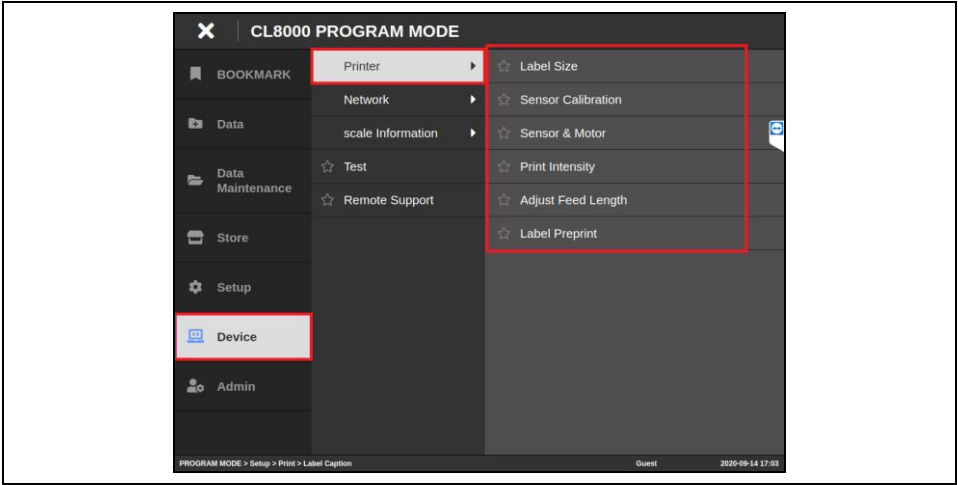
# Month Format -> Short form of month

# Date Separator -> Date Separator ex) '-' => 2020-01-01

# Time Separator -> Time Separator ex) ':' => 12:34

**3.7. DEVICE MENU**

**3.7.1. Device – Printer**

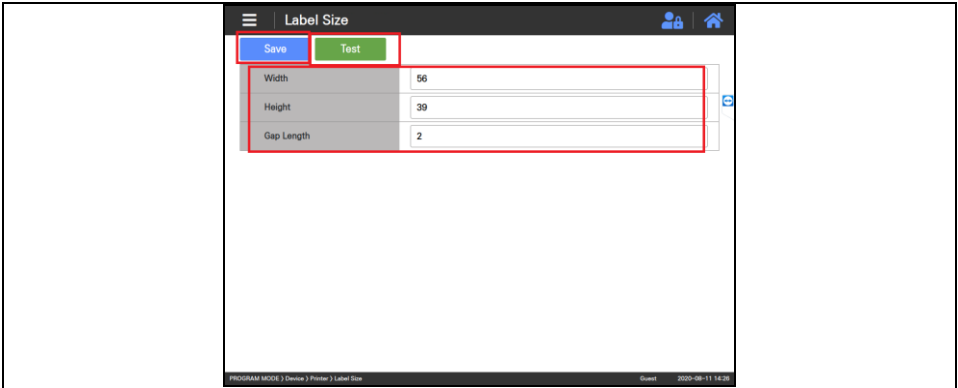


**3.7.1.1. Label Size**

- This menu is for configuring label / ticket size.

Width / Height / Gap Length (Length of the gap between the labels)

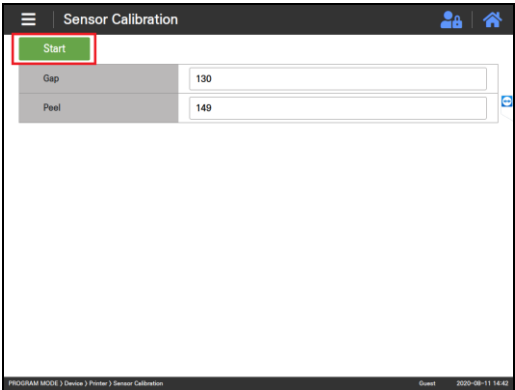
-> Clicking “Test” button will auto-adjust the size.



### 3.7.1.2. Sensor Calibration

- This menu is for configuring Gap sensor and Peel sensor values.

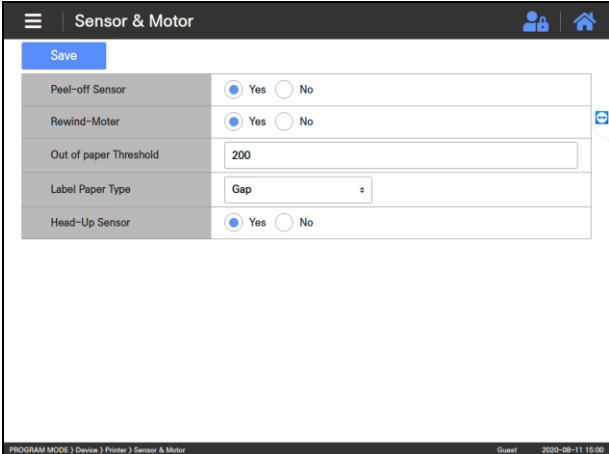
Click “Start” button to auto-adjust Gap sensor and Peel sensor values.



The screenshot shows the 'Sensor Calibration' menu. At the top, there is a 'Start' button highlighted with a red box. Below it, there are two input fields: 'Gap' with the value '130' and 'Peel' with the value '149'. The bottom status bar indicates 'PROGRAM MODE | Device | Printer | Sensor Calibration', 'Guest', and the date/time '2020-08-11 14:42'.

### 3.7.1.3. Sensor & Motor

- This menu is for turning on / off the sensors and motor.



The screenshot shows the 'Sensor & Motor' menu. At the top left, there is a 'Save' button. Below it, there are five rows of settings:

Peel-off Sensor	<input checked="" type="radio"/> Yes <input type="radio"/> No
Rewind-Motor	<input checked="" type="radio"/> Yes <input type="radio"/> No
Out of paper Threshold	200
Label Paper Type	Gap
Head-Up Sensor	<input checked="" type="radio"/> Yes <input type="radio"/> No

The bottom status bar indicates 'PROGRAM MODE | Device | Printer | Sensor & Motor', 'Guest', and the date/time '2020-08-11 15:09'.

# Peel-Off Sensor: Use / Disuse Peel-Off Sensor

(Sensor for checking whether the printed label has been collected by a user).

# Rewind Motor: Use / Disuse Rewind Motor

(Rewind Motor does not operate in ticket mode, and the label operates gapless).

# Out of Paper Threshold: Set refill paper threshold.

# Label Paper Type: Set “No Gap” for gapless label, and set “Gap” for label with gap.

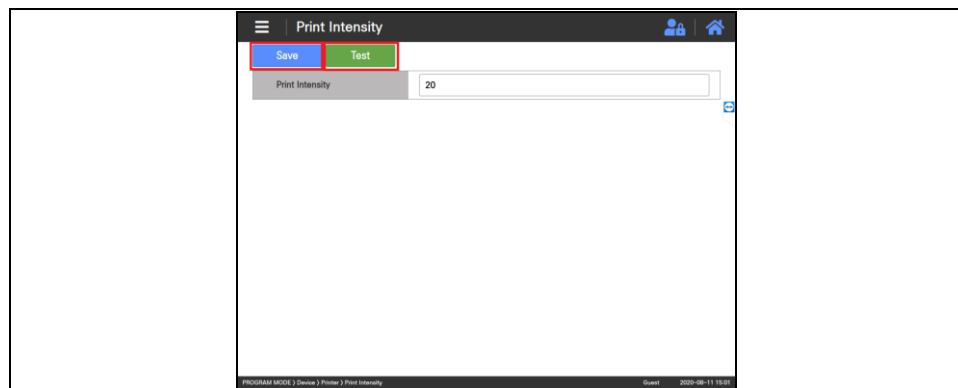
# Head-Up Sensor: Can choose to use / disuse Head-Up Sensor

(a sensor for checking open / close status of the printer head).

### 3.7.1.4. Print Intensity

- This menu is for adjusting printing darkness.

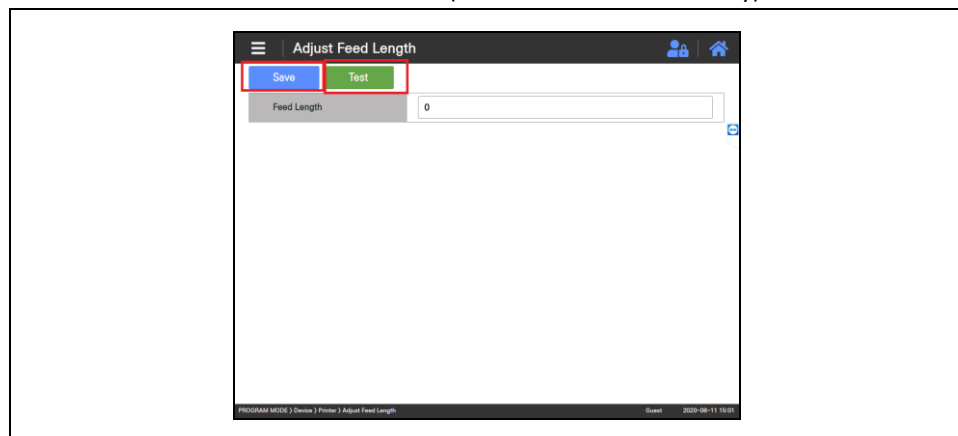
You can check the darkness of the printed material by printing CHESS through “Test” button



### 3.7.1.5. Adjust Feed Length

- This menu is for adjusting label paper.

Enter feed value in between -200 - +200 (Use “Test” button to verify)

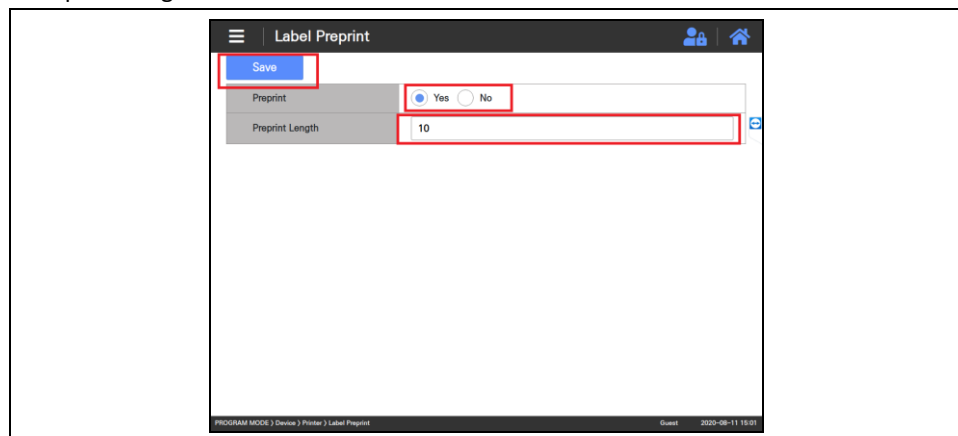


### 3.7.1.6. Label Preprint

- This is the preprint menu (setting preprint area)

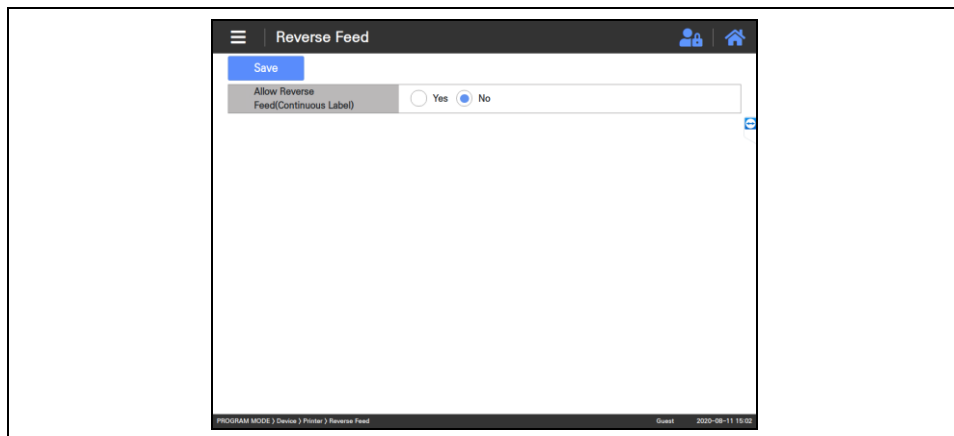
# Preprint: Choose whether to use preprint feature.

# Preprint Length: Enter a value between 0 - 10 mm



### 3.7.1.7. Reverse Feed

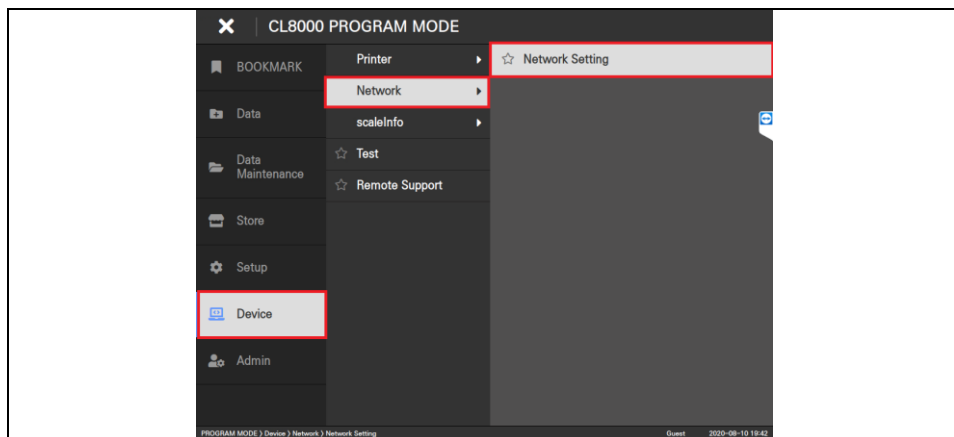
- Configure to allow / prevent Reverse Feed when printing.



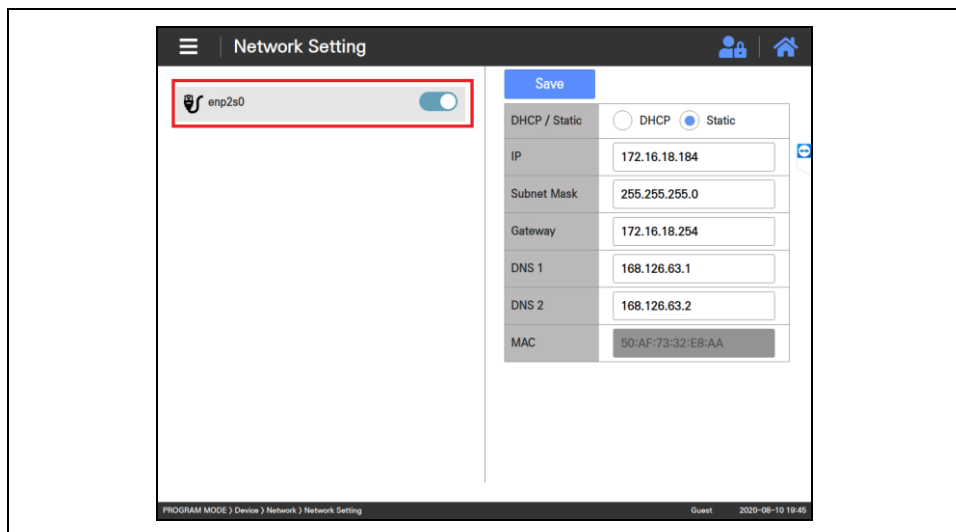
### 3.7.2. Device – Network

#### 3.7.2.1. Network Setting

- This menu is for configuring network of the scale.

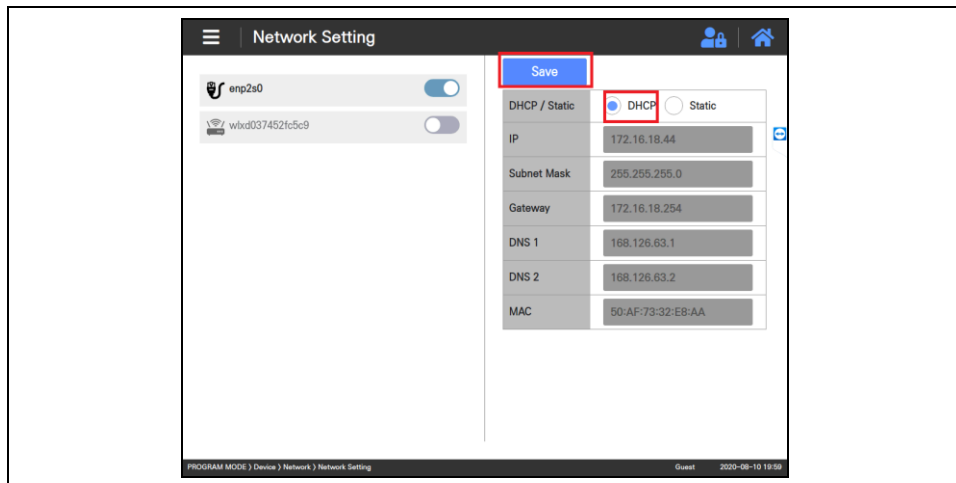


1) LAN card also is configurable.

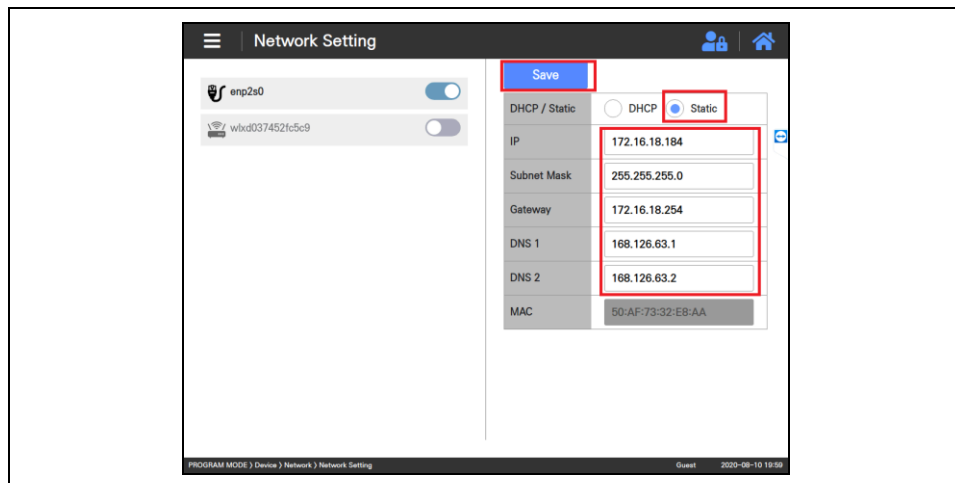


2) If DHCP is selected, IP, Subnet Mask, Gateway and DNS will be auto-configured.

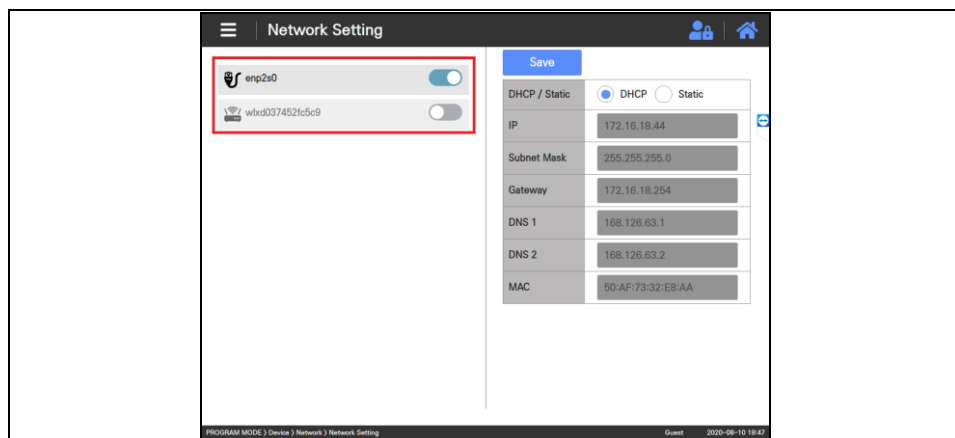
Press "Save" button.



3) If “Static” is selected, you can manually input IP, Subnet Mask, Gateway and DNS.  
Press “Save” button.

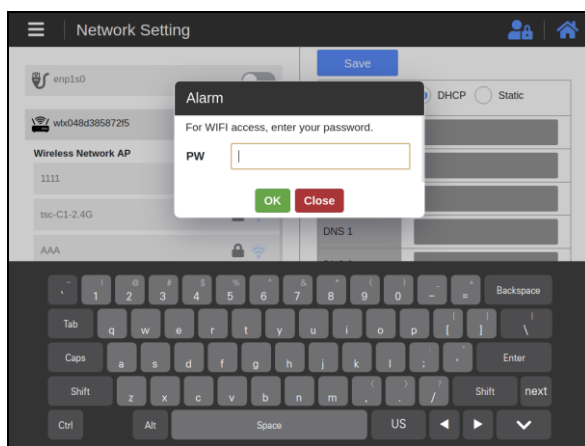
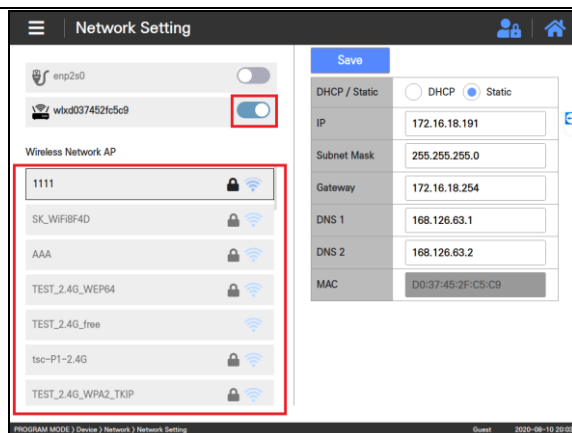


4) If a wireless network card is detected, wireless network card option will appear on the screen.



5) If a wireless network card is detected, list of available wireless networks will be displayed.

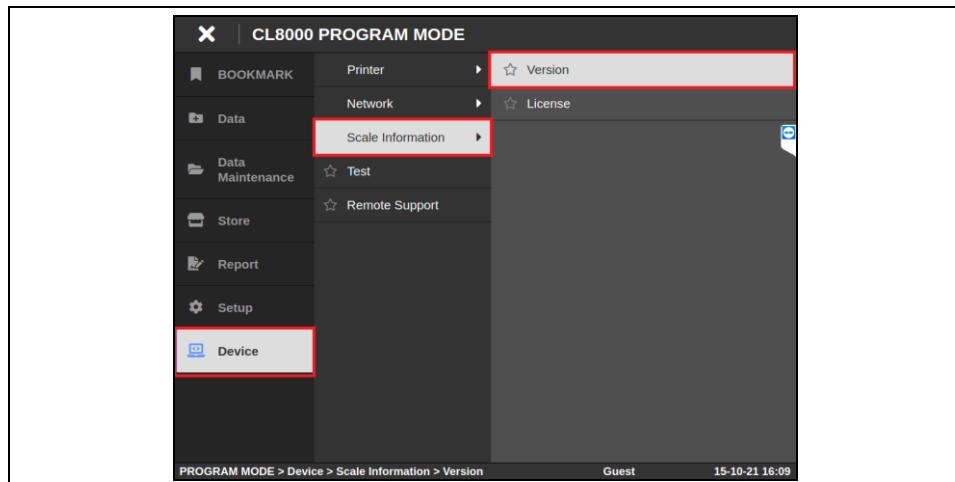
Select a wireless network to access it. If the selected network is password-protected, you must enter the password to access the network.



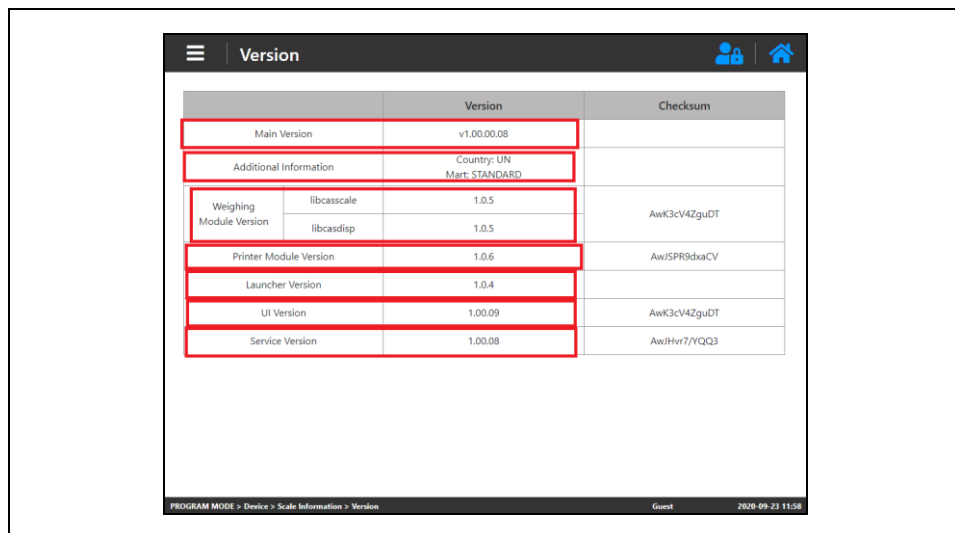
## 3.7.3. Device – Scale Info

### 3.7.3.1. Version

- This menu is for checking scale version and checksum value.



1) You can check the scale version and the checksum value.



# Main Version: Version info of the main software.

# Additional Information: County and mart info.

# Weighing Module Version: Version info of weighing module (checksum exists).

# Printer Module Version: Version info of print module (checksum exists).

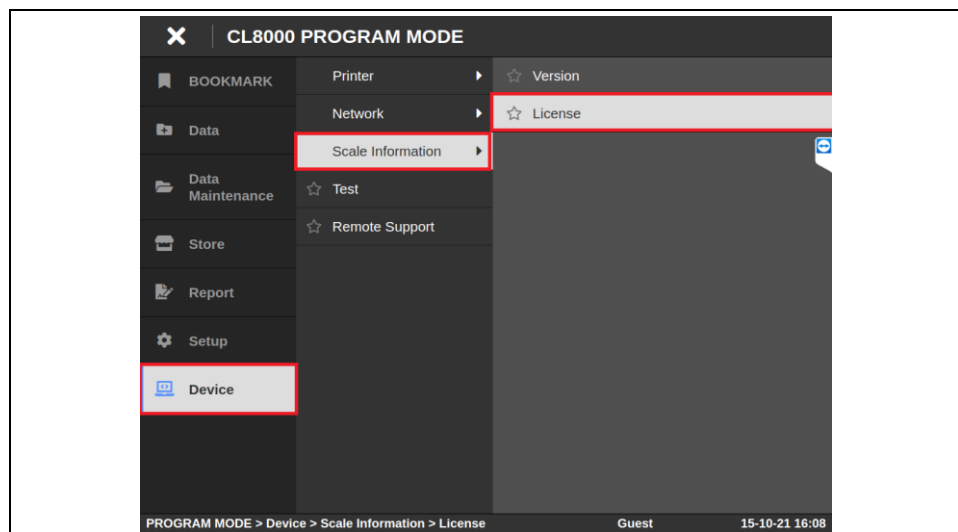
# Launcher Version: Version info of software launcher.

# UI Version: Version info of UI (screen) (checksum exists).

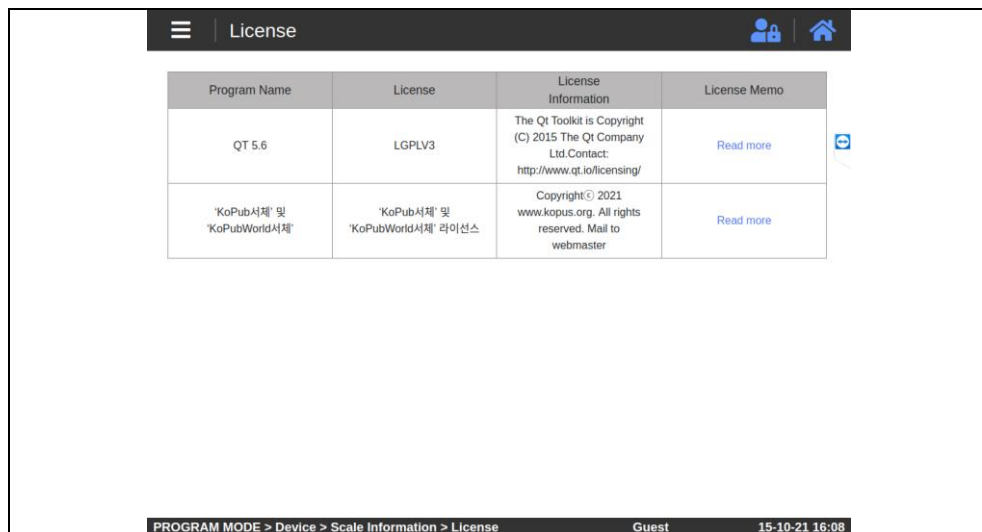
# Service Version: Version info of Service (functions) (checksum exists).

## 3.7.3.2. License

- This menu is to display license

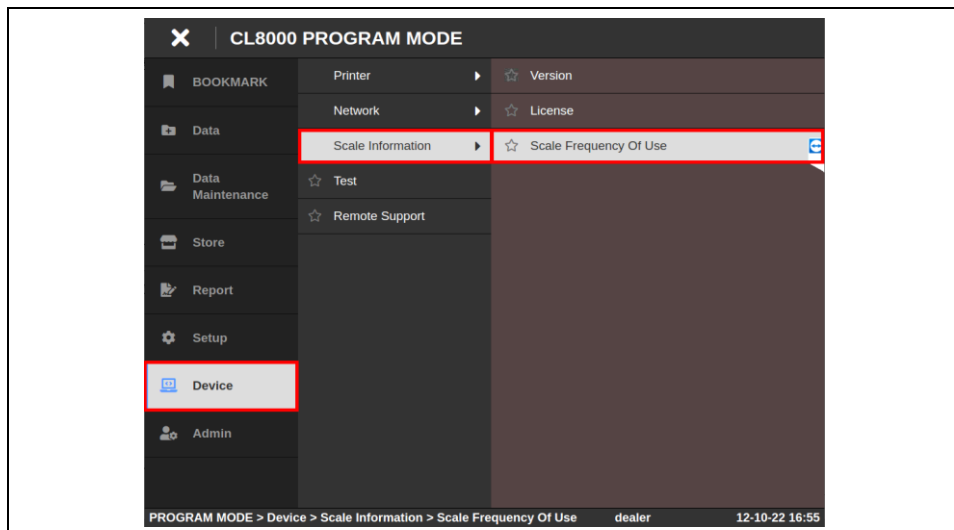


1) You can check license information.

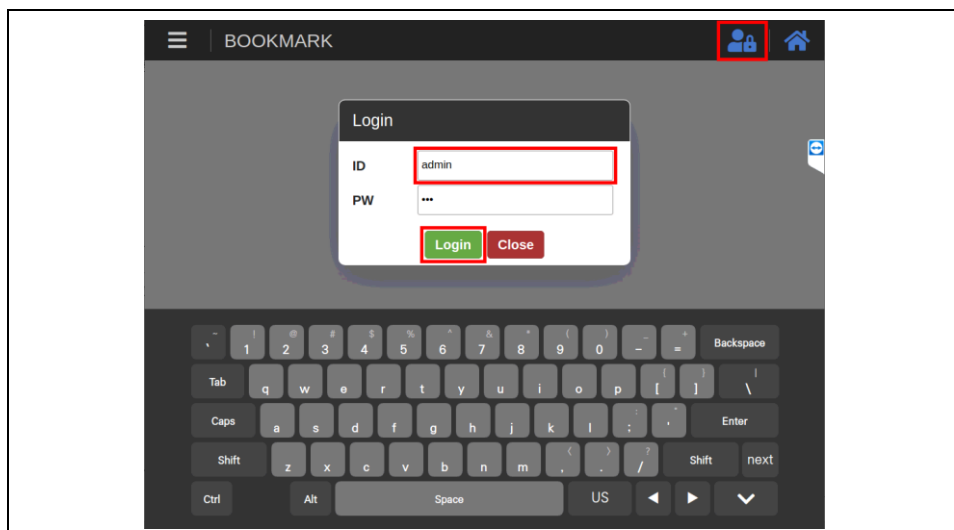


### 3.7.3.3. Scale Frequency Of Use

- This is a menu to check the usage information of the scale.



1) This menu can only be accessed by users with user authority level 3 (admin) or higher. Log in by clicking the Login button.



2) Information of the scale usage can be checked.

Field	Value
Total Print Length (mm)	1640 (mm)
Print Length after TPH Replace (mm)	0 (mm)
TPH Replaced Date	2022-10-07 <span>Reset</span>
Total Overloads	0
Overloads After Calibration	0
Weight Calibration Date	2022-10-12
Total Weighing Frequency	1831
Weighing Frequency After Calibration	1831
Total Scale Operated Time (min.)	4552 (min.)
Operated Time after Inspection (min.)	891 (min.)
Scale Inspection Date	2022-10-07 <span>Reset</span>

PROGRAM MODE > Device > Scale Information > Scale Frequency Of Use    dealer    12-10-22 17:00

# TPH total print length: TPH total print length (cannot be initialized)

# Print length after TPH replacement: Print length after TPH replacement (can be initialized)

# TPH replacement date: TPH replacement date

# Total number of overweight: total number of overweight

# Number of overweight after calibration: Number of overweight after calibration

# Total weighing frequency: The total number of weighing scales, except when it is stable and 0 (cannot be initialized)

# Weight Calibration Date: Weight Calibration Date

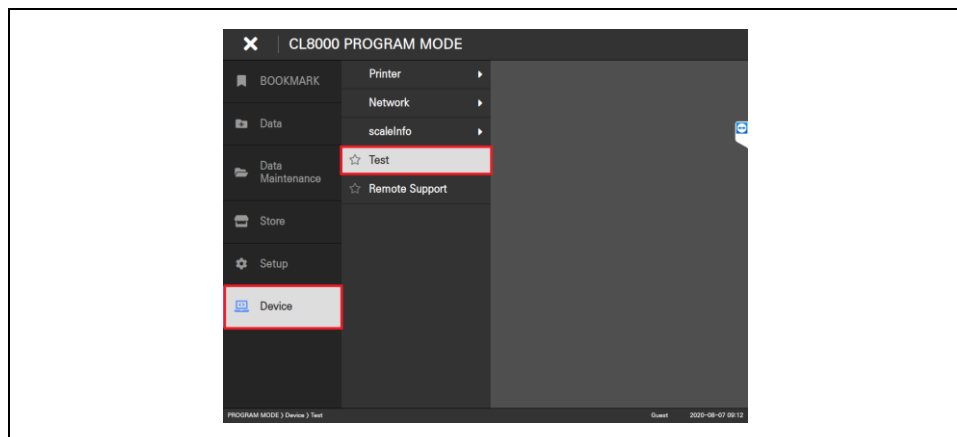
# Total scale operation time: Total scale operation time (based on production date, cannot be initialized)

# Operation time after scale inspection: Scale operation time (based on inspection date)

# Scale inspection date: Scale inspection date

### 3.7.4. Device – Test

- This menu is for conducting equipment test.



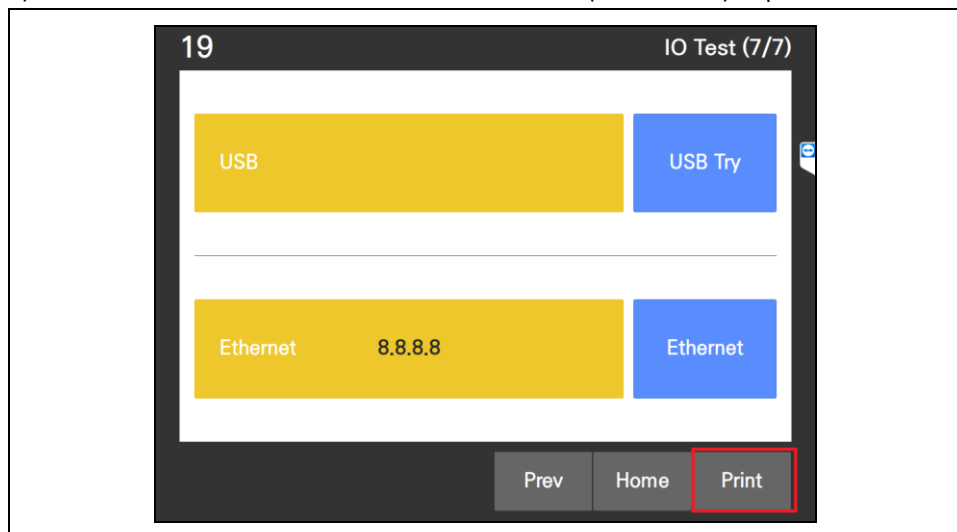
#### 3.7.4.1. Test Main Screen

1) Select Language and Type, type in IP, Gap Reference Value and Peel Reference Value, then press “Start” button to run the comprehensive test (In the order of Display Test - IO Test).

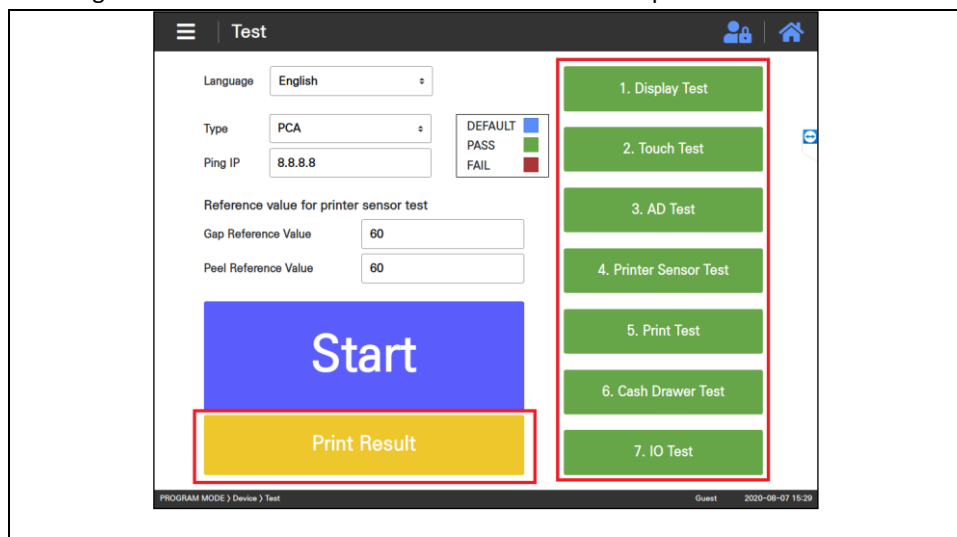
Click the items on the right to conduct individual tests.



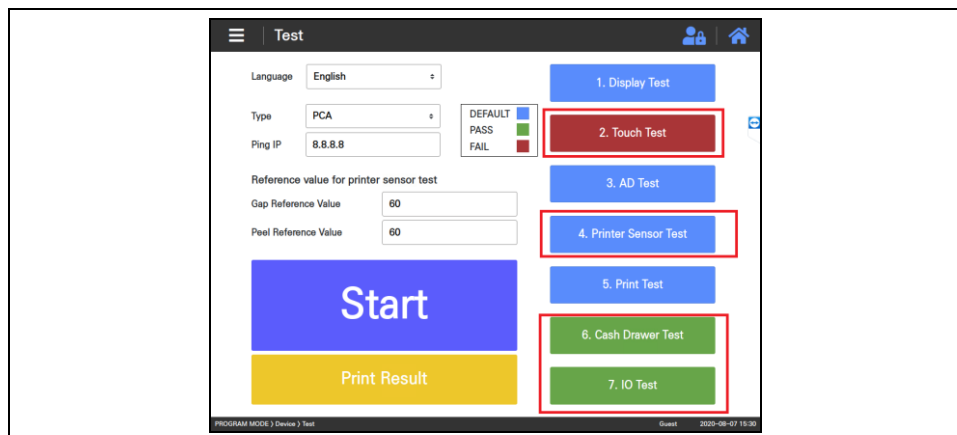
2) Check the results -> Click “Print” button at IO Test (the last test) to print the results.



- Clicking “Print Result” button in the main screen will also print the results.



- Failed tests are highlighted red, passed green, and pending blue.

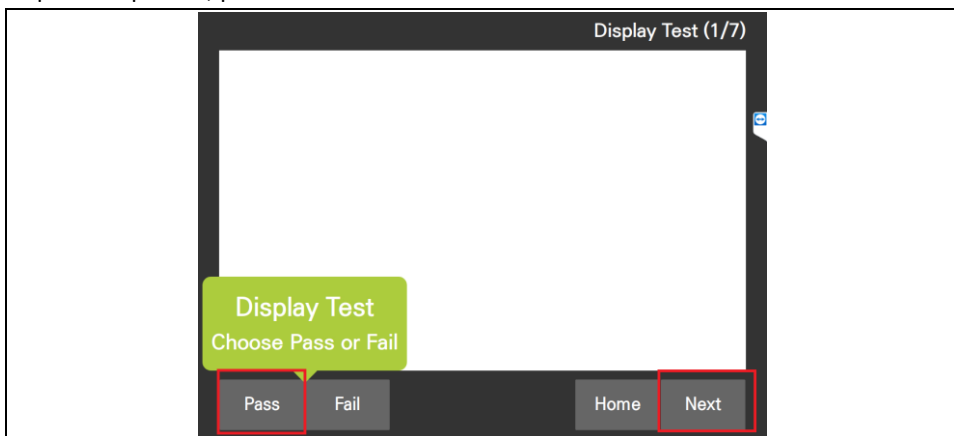


### 3.7.4.2. Display Test

- This menu is for testing the display.
- Touch the screen to move onto the next screen, where you can proceed with the test.

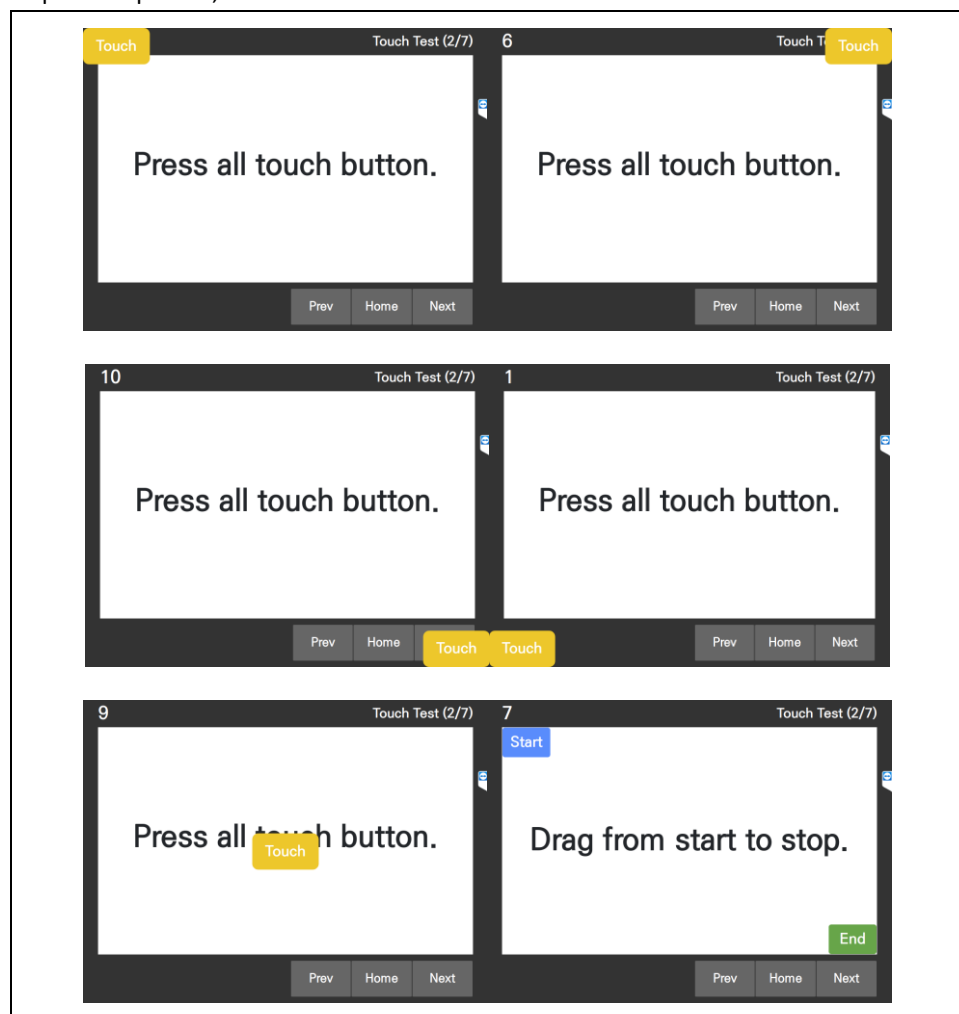


- Upon completion, press “Pass”. Then click “Next” button to move onto the next test.



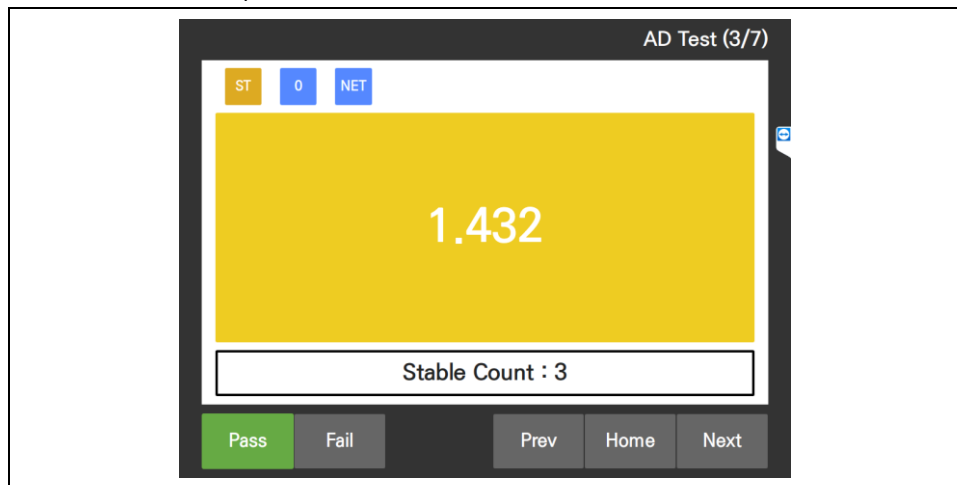
### 3.7.4.3. Touch Test

- This menu is for testing screen touch function.
- Upon completion, click “Next” button to move onto the next test.



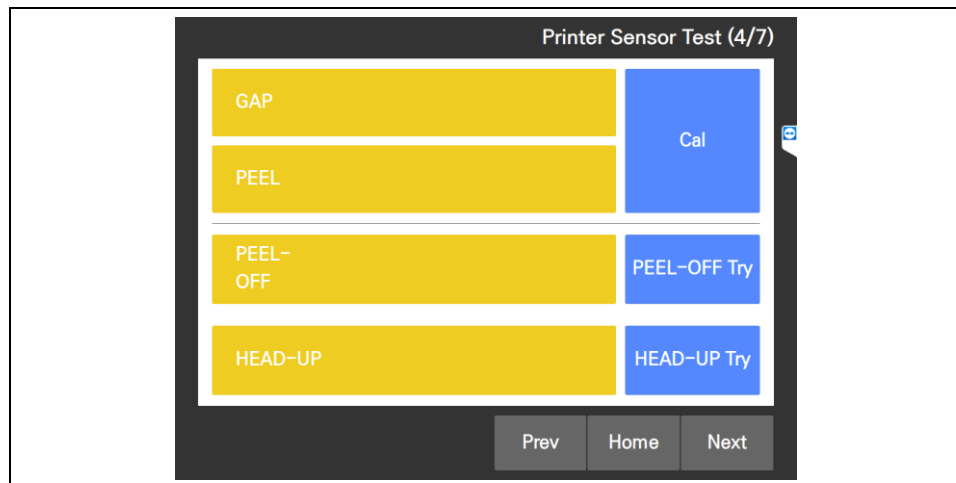
### 3.7.4.4. AD Test

- This menu is for testing the weighing module.
- Put a weight equal to or greater than 1 kg. If the measurement remains stable for 3 seconds, Pass is displayed.
- Once the test is complete, click “Next” button to move onto the next test menu.



### 3.7.4.5. Printer Sensor Test

- This menu is for testing the sensors.



#### (1) GAP / PEEL Sensor Test

- Click "Cal" button to check Gap Sensor and Peel Sensor values. If no issues are found, Pass will be displayed.

#### (2) PEEL-OFF Test

- Click "PEEL-OFF Try" button, then check the PEEL-OFF Sensor.
- Check the PEEL-OFF Sensor as you change its value.

(Bind / unbind the sensor to change the value)

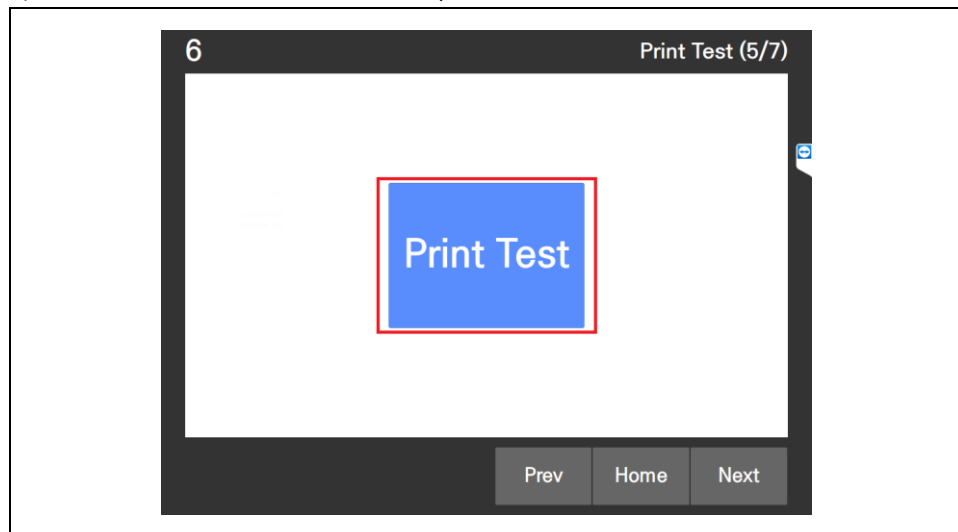
- If the value changes four times within the duration of the test, Pass will be displayed.

#### (3) HEAD-UP Test

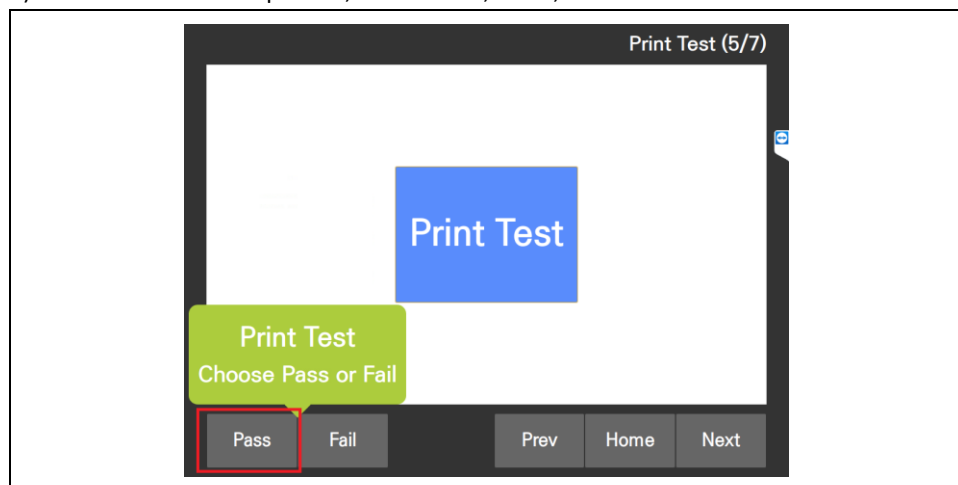
- Click "Head Up Try" button to start the test.
- Move the Head Up Sensor up and down to check for any issues.
- If the values change four times within the duration of the test, Pass will be displayed.

### 3.7.4.6. Print Test

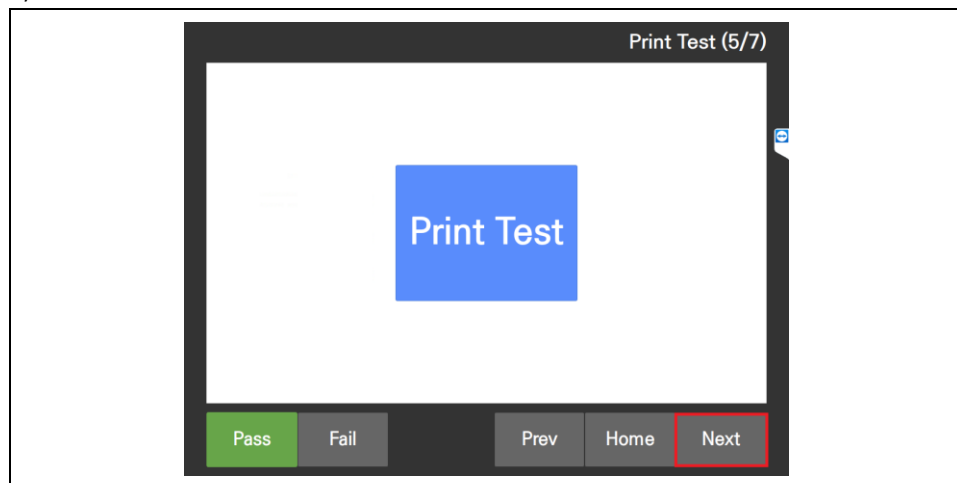
1) Click “Print Test” button to start the print test.



2) If the test material is printed, click “Pass”; if not, click “Fail”.

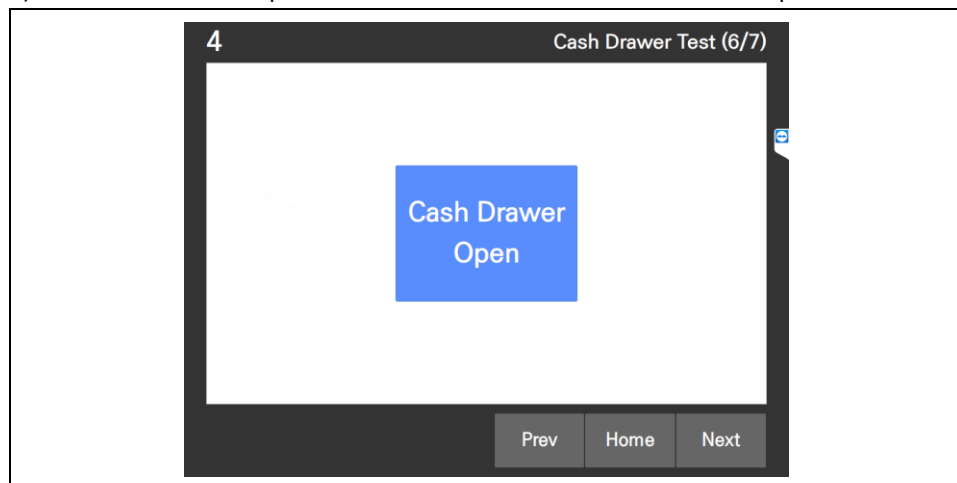


3) Click “Next” to move onto the next test.

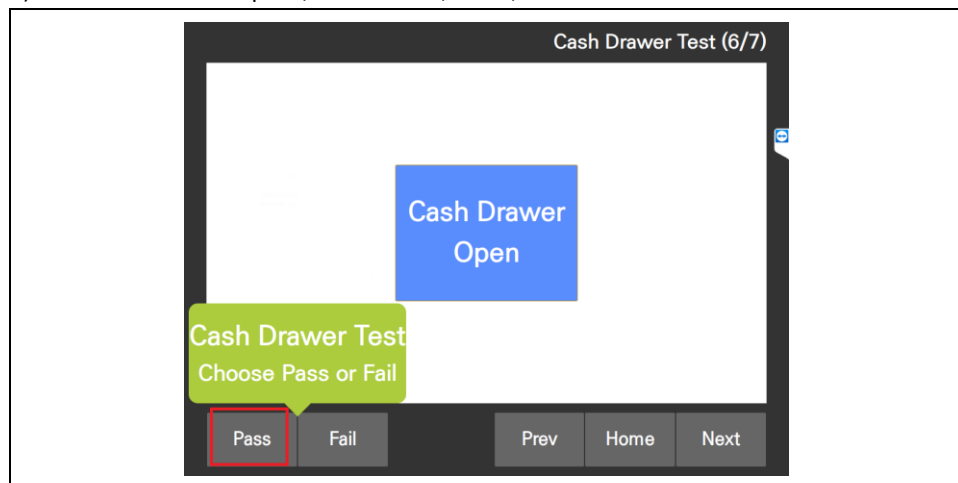


### 3.7.4.7. Cash Drawer Test

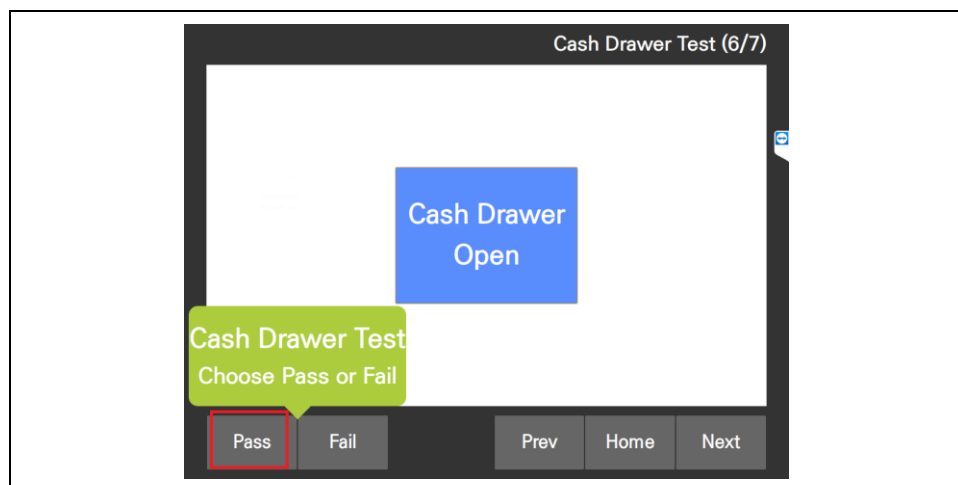
1) Click “Cash Drawer Open” button to test whether the cash drawer opens.



2) If the cash drawer opens, click “Pass”; if not, click “Fail”.

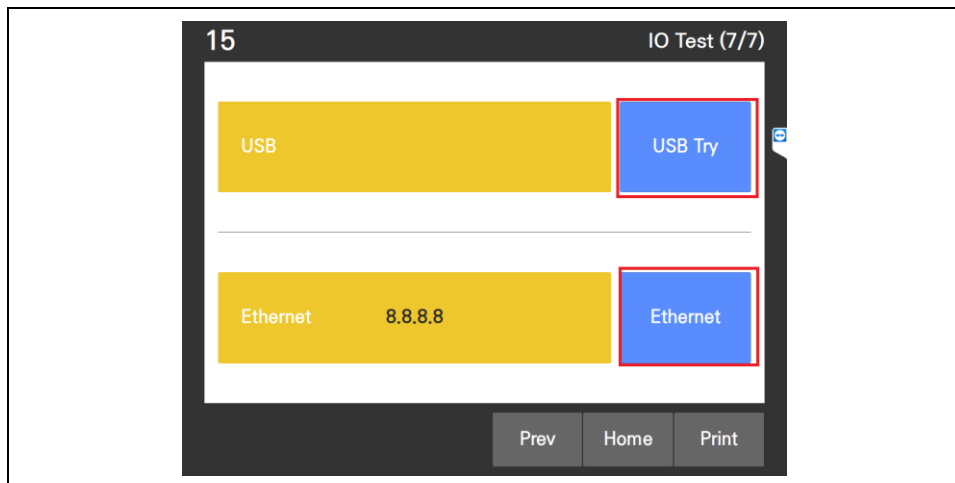


3) Once the open test is complete, proceed to the next test.

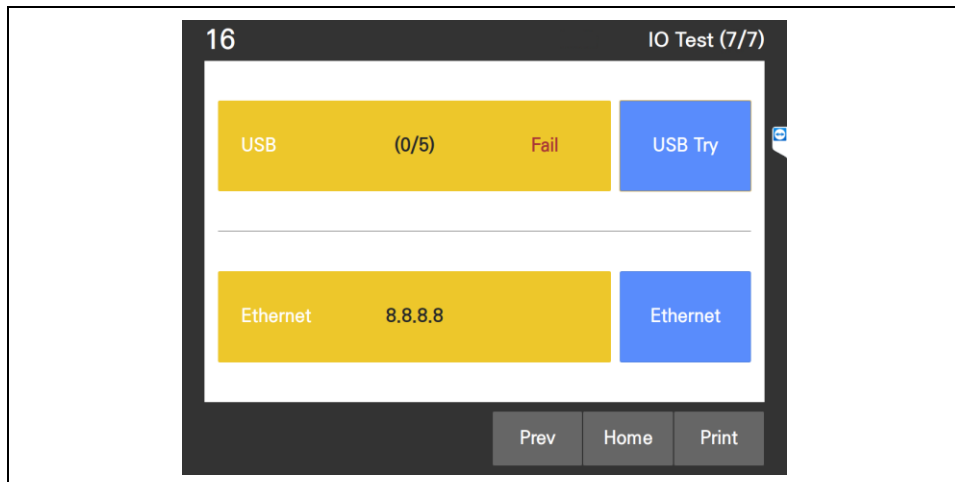


### 3.7.4.8. IO Test

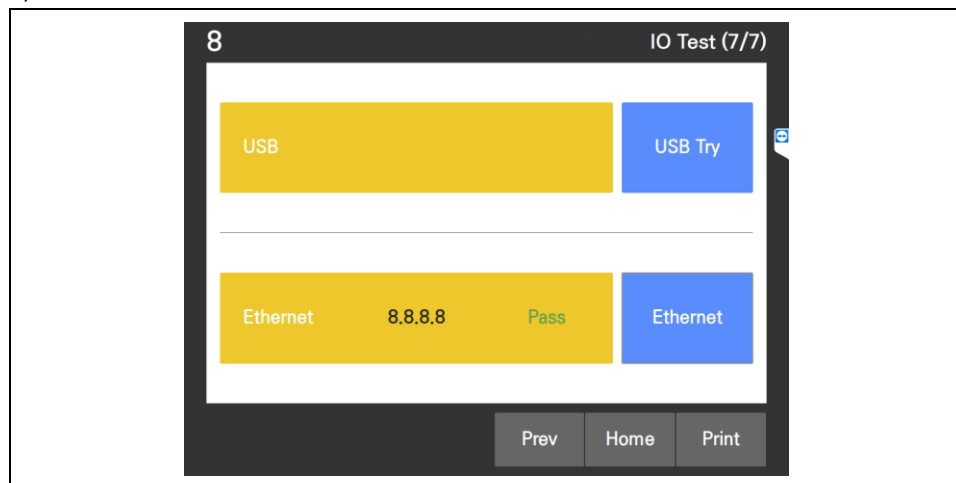
1) You can conduct USB ports and Ethernet communications test.



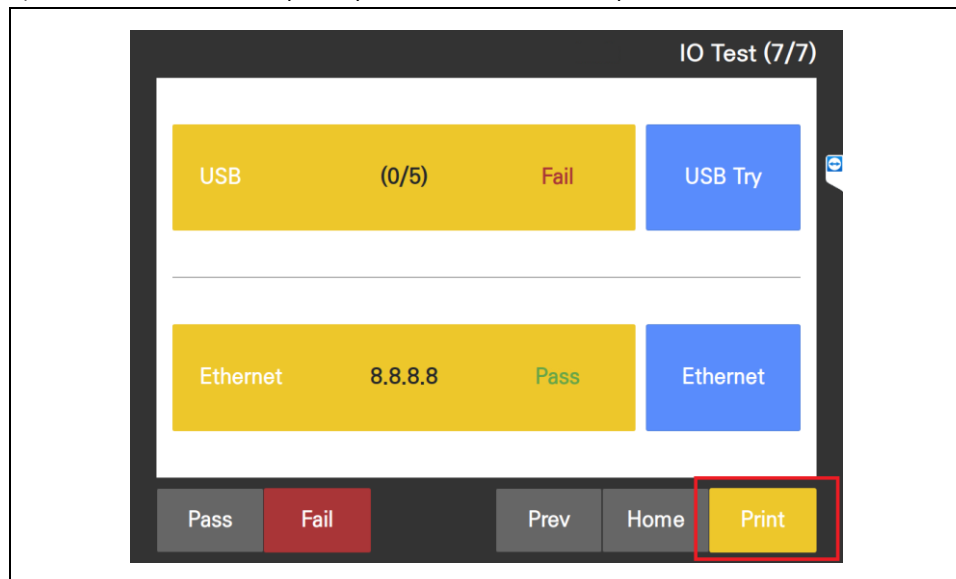
2) Connect to all USB ports, then start the test by pressing “USB Try” button.



3) Click “Ethernet” button to test Ethernet communications.



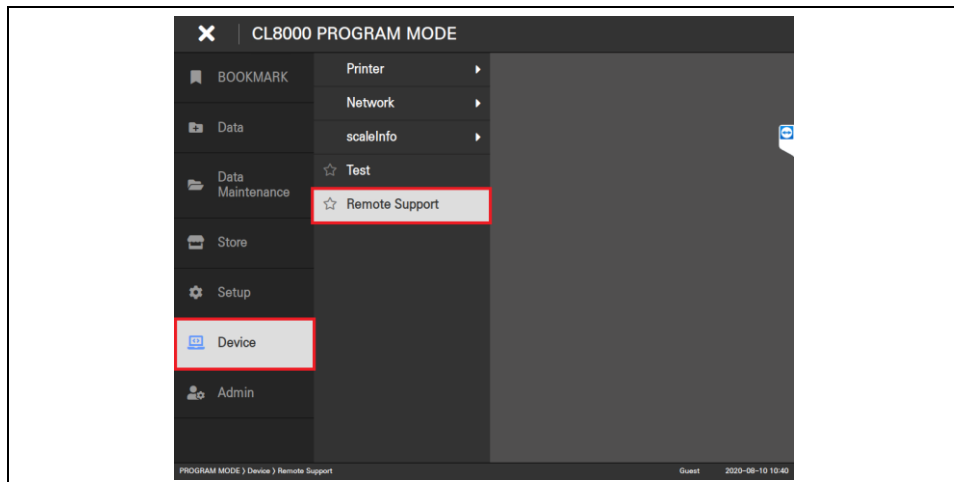
4) Once the tests are complete, press “Print” button to print the results.



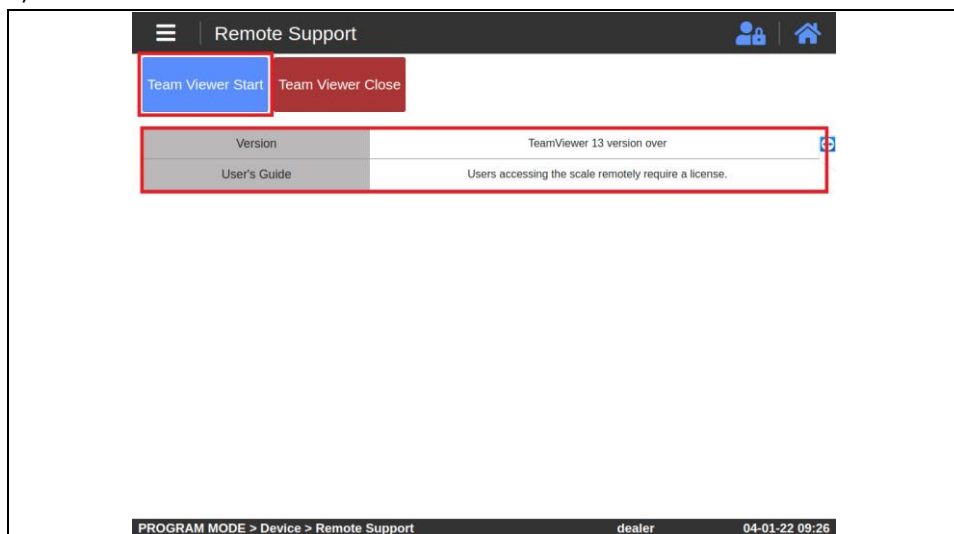
### 3.7.5. Device – Remote Support

- This menu is for allowing remote access.

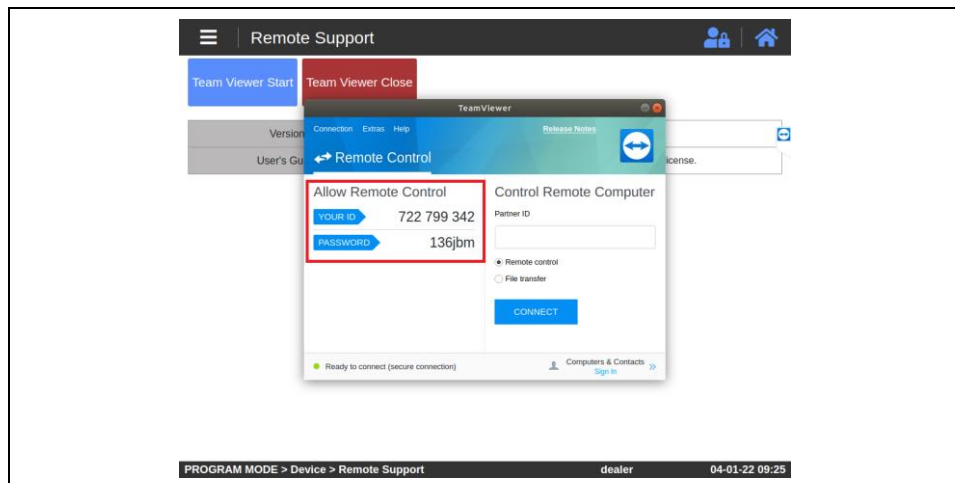
(Execute TeamViewer to allow remote access)



1) Click “Start TeamViewer” button to execute TeamViewer.



2) Once TeamViewer starts running, enter ID and the password to remotely control the scale. (Exiting the screen will not quit the TeamViewer)



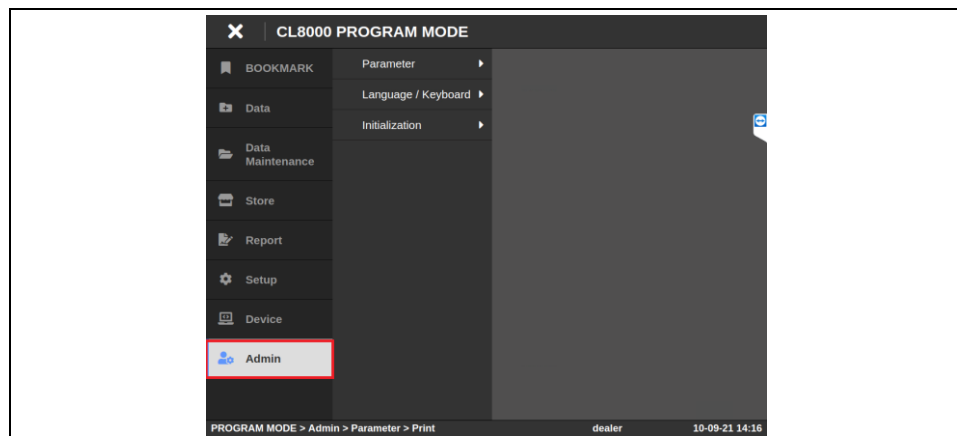
3) When the remote control session is finished, go back to the TeamViewer screen and click “Close TeamViewer” to end the remote control (=quit TeamViewer application)



### 3.8. ADMIN MENU

- Go to Admin menu.

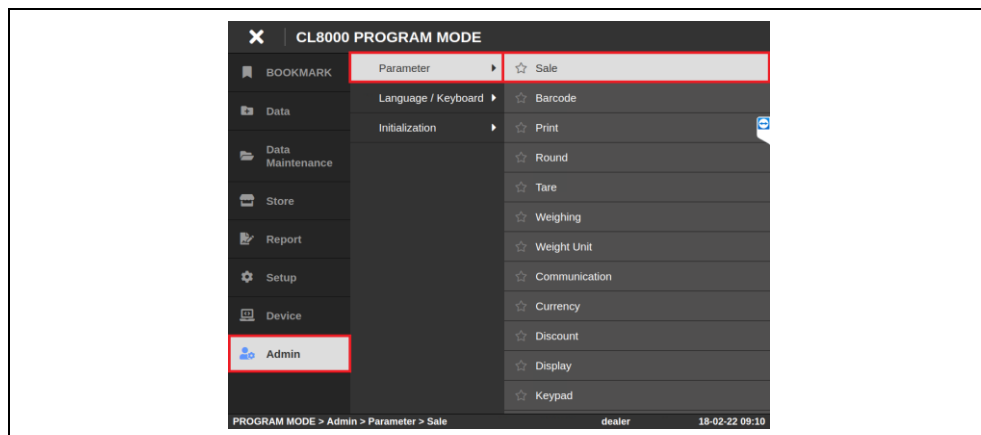
This menu is accessible only when logging in with User level 4 (dealer) or higher.



#### 3.8.1. Admin – Parameter

##### 3.8.1.1. Sale

- This is a setting menu related to sales.



1) Set each item.

Sale	
Save	
Same-Weight Product Sales Limit Range	10
Allow The Weight Of The Count/pcs Product	<input type="radio"/> Yes <input checked="" type="radio"/> No
X Key Allowed for Weight Product	<input type="radio"/> Yes <input checked="" type="radio"/> No
Override Only Unit Price Zero PLU	<input checked="" type="radio"/> Yes <input type="radio"/> No
Save Override Only Unit Price Zero PLU	<input type="radio"/> Yes <input checked="" type="radio"/> No
Allow Changing Unit Price (Weight Product)	<input type="radio"/> Yes <input checked="" type="radio"/> No
Use Temp Key [TYPE]	<input type="radio"/> Yes <input checked="" type="radio"/> No
Ride Second Position	<input checked="" type="radio"/> Yes <input type="radio"/> No

PROGRAM MODE > Admin > Parameter > Sale dealer 23-07-19 14:15

#### # Same-Weight product sales limits range

- This is the threshold for determining automatic issuance when using Prepack mode.

Automatic issuance is performed when the weight changes beyond the set value.

Only values from (10 to 99) can be saved.

#### # Allow the weight of the count/pcs product

- At the sales by count PLU, it can be set sales by product even if there is weight on the scale.

(If set as 'Yes': sales by product is allowed.)

(If set as 'No': sales by product is not allowed.)

#### # X Key Allowed for Weight Product

- It is a setting as to whether to enable X (multiplication) issuance of weight Product.

#### # Override Only Unit Price Zero PLU

- When set 'Yes', you can automatically enter the price when you call a product with a unit price of 0. (Called in Override state for a product with a unit price of 0)

#### # Save Override Only Use Price Zero PLU

- 'When set to 'Yes', if 'Override Only Unit Price Zero PLU' is 'Yes', the unit price is saved when

selling after calling the product with a unit price of 0.

#### # Allow Changing Unit Price (Weight Product)

- When set to 'Yes' and a weight product is called, the price is automatically entered. (Called in Override status when calling weight products)

#### # Use Temp Key [TYPE]

- This is the setting for saving after changing the product type when using the [TYPE] function key.

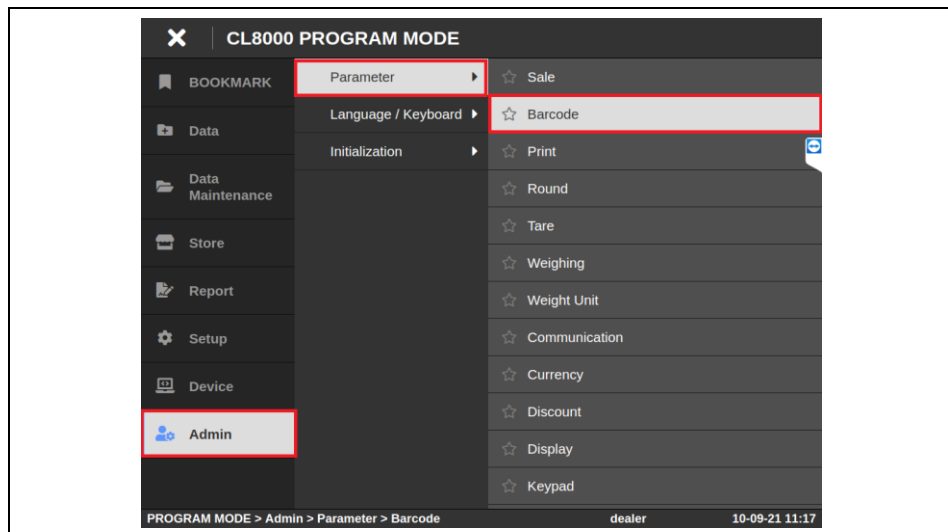
(Yes: Use [TYPE] function temporarily (do not save) / No: Save the changed type state (save))

#### # Ride Second Position

- This is a function that is used when the FOR key does not exist, and it is a function that can change the price using the override key for count product

### 3.8.1.2. Barcode

- This menu for configuration Barcode.



1) Set each item.

Barcode	
<b>Save</b>	
Remove Barcode Last Digit(Price)	0
Remove Barcode Last Digit(Weight)	0
Remove Barcode Last Digit(ItemCode)	<input type="radio"/> Yes <input checked="" type="radio"/> No
Barcode Date Format	Year-Month-Day
Weight Barcode Print Setting	Weight Barcode to Weight ps
Common Barcode Settings	<input checked="" type="radio"/> Yes <input type="radio"/> No

PROGRAM MODE > Admin > Parameter > Barcode      dealer      12-10-22 17:36

## # Remove barcode last digit(price)

- The cutting position of the price of the barcode  
(For the part below the decimal point) (Ex. 3.456 -> 3.4)

## # Remove barcode last digit(weight)

- The cutting position of the weight of the barcode 날짜  
(For the part below the decimal point) (Ex. 3.456 -> 3.4)

## # Remove barcode last digit(item code)

- The cutting position of the item code of the barcode (Ex. 12345 -> 1234)

## # Barcode Date Format

- This is setting for the date format on the barcode

## # Weight Barcode Print Setting

- This is a setting to convert the barcode format when printing weight barcode format (W).

0 : Print the weight on the weight barcode

1 : If the PLU type is COUNT, the count is printed on the weight barcode format(W).

2 : "1" is printed on the weight barcode format(W).for Fixed price sales

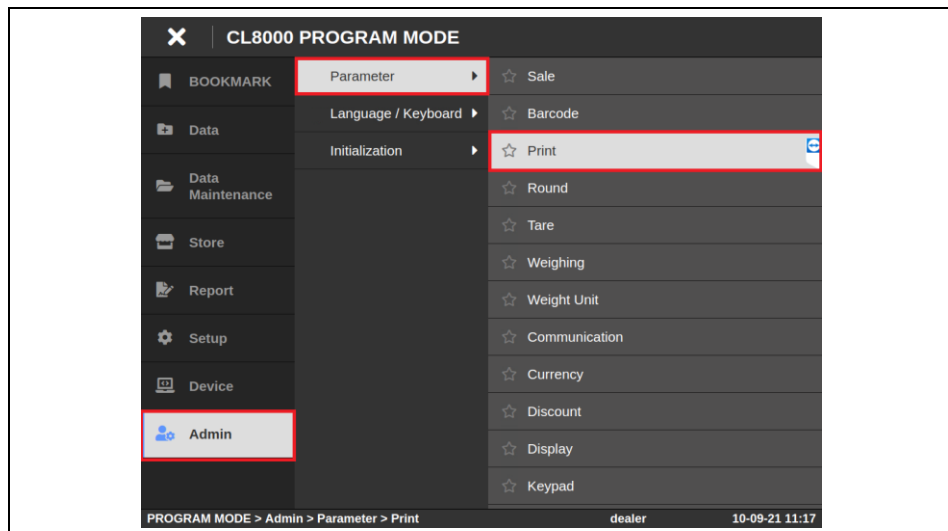
3 : Use both 1 and 2

### # Common Barcode Settings

- This is the setting whether to set each barcode field in batches.

#### 3.8.1.3. Print

- This menu for configuration Printing.



1) Set each item.

Print

Save

Print Net Weight Symbol	<input type="radio"/> Yes <input checked="" type="radio"/> No
Print Preset Tare Symbol	<input type="radio"/> Yes <input checked="" type="radio"/> No
Sub Symbol	<input type="text"/> <div>Apply</div>
Label Price Format	100.00\$

PROGRAM MODE > Admin > Parameter > Printdealer18-02-22 09:40

- Label Price Format : when the sub symbol doesn't exist

Print

Save

Print Net Weight Symbol	<input type="radio"/> Yes <input checked="" type="radio"/> No
Print Preset Tare Symbol	<input type="radio"/> Yes <input checked="" type="radio"/> No
Print Bitmap	CP1252_EUR
Sub Symbol	<input type="text"/> <div>Apply</div>
Label Price Format	<div>100.00\$ 100.00 \$ 100.00 100.00 \$ \$100.00 100.00%</div>

PROGRAM MODE > Admin > Parameter > Printdealer10-09-21 14:33

- Label Price Format : when the sub symbol exists

The screenshot shows the 'Print' configuration screen of the CL8000 scale. At the top, there is a 'Print' header with a menu icon and user/home icons. Below this is a 'Save' button. The main area contains five settings:

- Print Net Weight Symbol:** Radio buttons for 'Yes' and 'No' (selected).
- Print Preset Tare Symbol:** Radio buttons for 'Yes' and 'No' (selected).
- Print Bitmap:** A text field containing 'CP1252\_EUR'.
- Sub Symbol:** A text field containing 'c' and an 'Apply' button.
- Label Price Format:** A dropdown menu showing various currency and unit formats. The selected format is '100.00\$'.

At the bottom, a status bar displays 'PROGRAM MODE > Admin > Parameter > Print', 'dealer', and the date/time '10-09-21 14:33'.

### # Print Net Weight Symbol

- This is the setting of whether to print the unit of weight together when printing the weight field.

### # Print Preset Tare Symbol

- This is the setting of whether to print the unit of weight together when printing the tare weight field.

### # Label Price Format

- You can set the Subsidiary currency unit.

(After entering, click the Apply button and it will be reflected in the Label Price Format.)

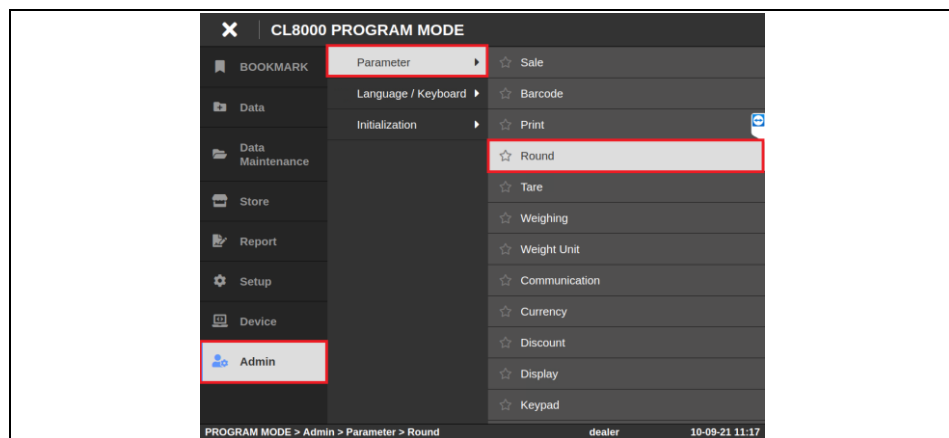
### # Label Price Format

- This setting is for the label price format.

(if there is sub symbol, it display more format include Sub symbol.)

## 3.8.1.4. Round

- This is the round/down setting menu for Total Price.



1) Set each item.

Round

Save

Price Round	<input checked="" type="radio"/> Round off <input type="radio"/> Round down
Decimal places	<input type="text" value="1"/>
Price Round Apply	<input type="text" value="No Use"/>

PROGRAM MODE > Admin > Parameter > Round

dealer

10-09-21 11:17

# Price Round

- round/down

# Decimal places

- Rounding position (Includes the number of digits after the decimal point.)

The screenshot shows the 'Round' configuration screen. The 'Price Round' section has two radio buttons: 'Round off' (selected) and 'Round down'. The 'Decimal places' dropdown menu is open, showing a list of values: 1, 5, 10, 100, and 1000. The value '1' is currently selected. The 'Price Round Apply' section is empty. The bottom status bar shows 'PROGRAM MODE > Admin > Parameter > Round', 'dealer', and '10-09-21 11:17'.

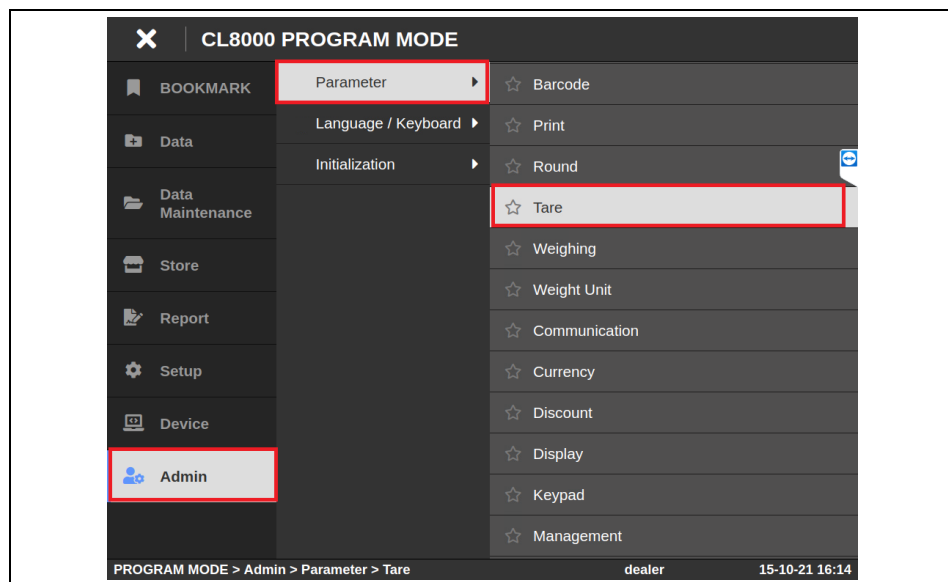
#### # Price Round Apply

- Rounding method. (No Use - No use/ For each PLU - Apply to each product.)

The screenshot shows the 'Round' configuration screen. The 'Price Round' section has two radio buttons: 'Round off' (selected) and 'Round down'. The 'Decimal places' dropdown menu is set to '1'. The 'Price Round Apply' dropdown menu is open, showing a list of values: 'No Use', 'No Use', and 'For each PLU'. The value 'For each PLU' is currently selected. The bottom status bar shows 'PROGRAM MODE > Admin > Parameter > Round', 'dealer', and '10-09-21 11:17'.

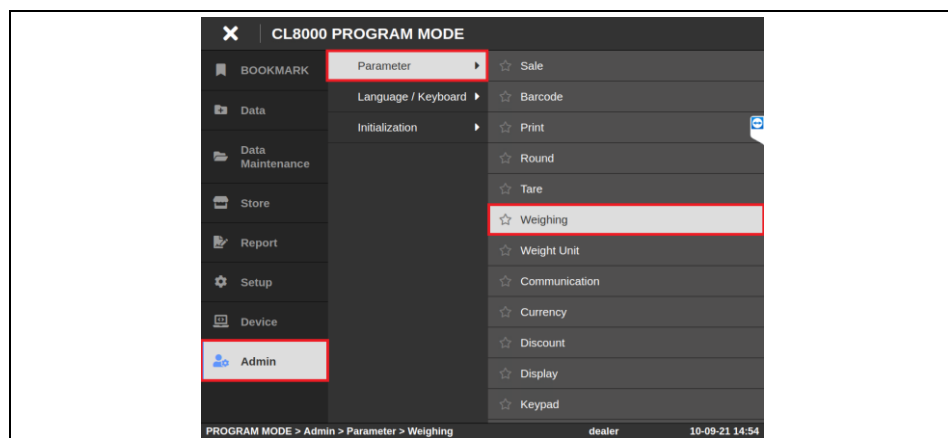
### 3.8.1.5. Tare

-This menu is for configuration Tare

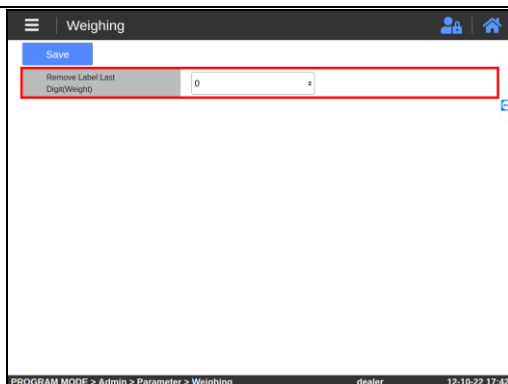


### 3.8.1.6. Weighing

-This menu is for configuration weighing.



## 1) Set each item.

**■ Remove label last digit(weight)**

- The cutting position of the weight Item of the Label

(for the part below the decimal point) (Ex. 3.456 -> 3.4)

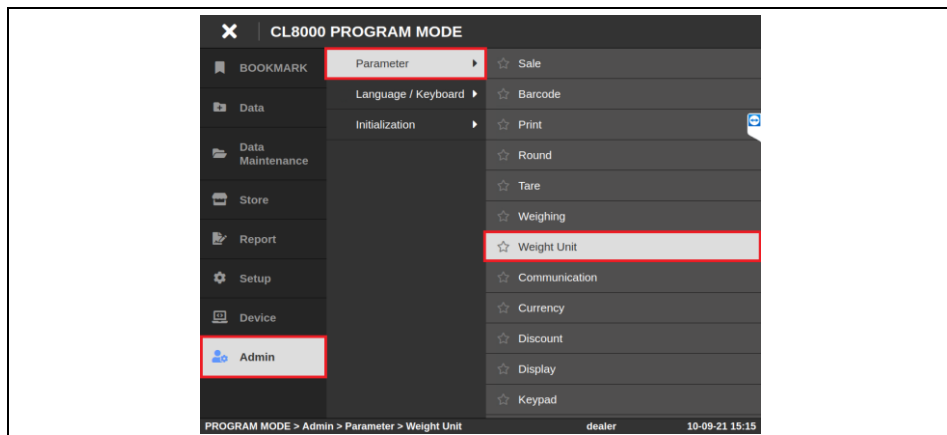
**■ Print under M.W (Auto Mode)**

- This is the setting to set whether to print less than the minimum weight in Auto mode.

**■ Print under M.W**

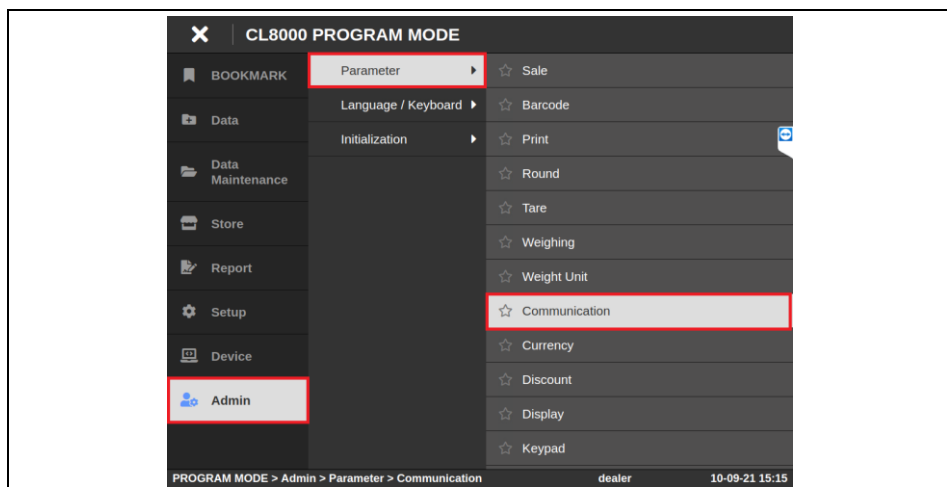
- This is the setting to set whether to print less than the minimum weight.

## 3.8.1.7. Weight Unit



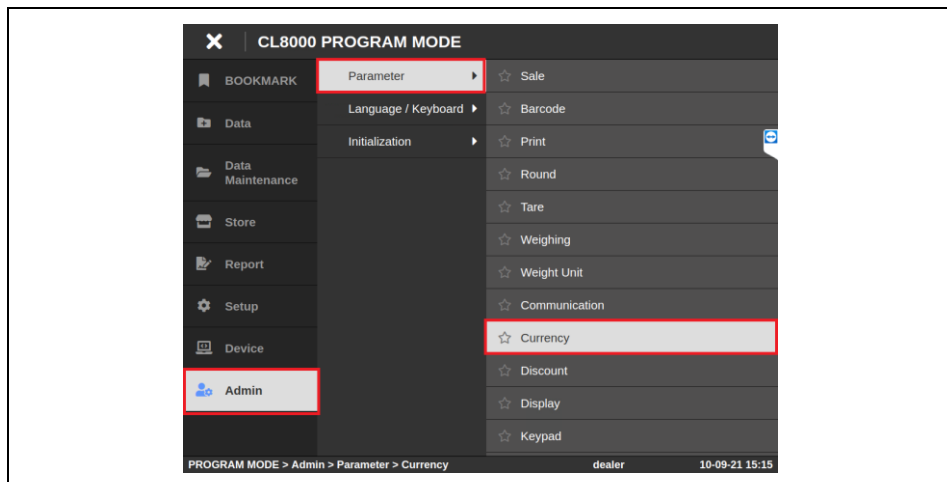
### 3.8.1.8. Communication

- This menu is for configuration communication.

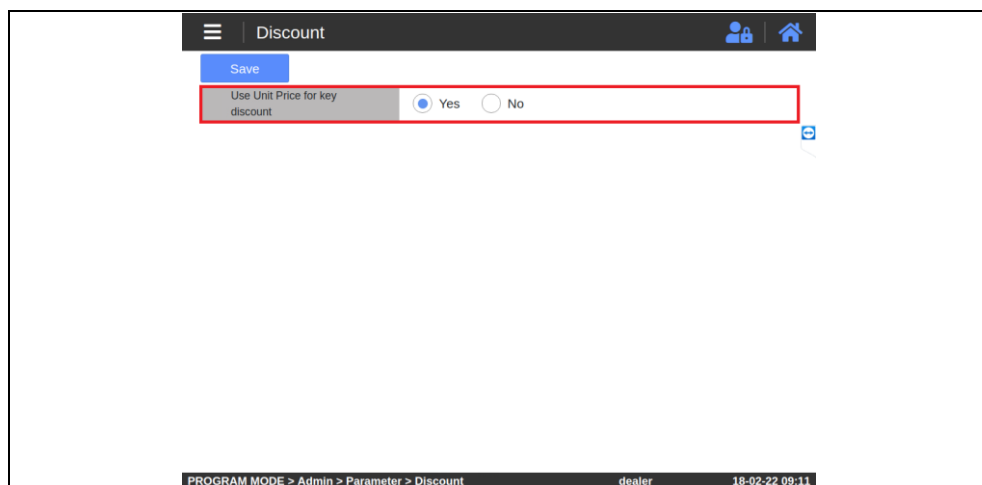


### 3.8.1.9. Currency

- This menu is for configuration Currency.



1) Set each item.

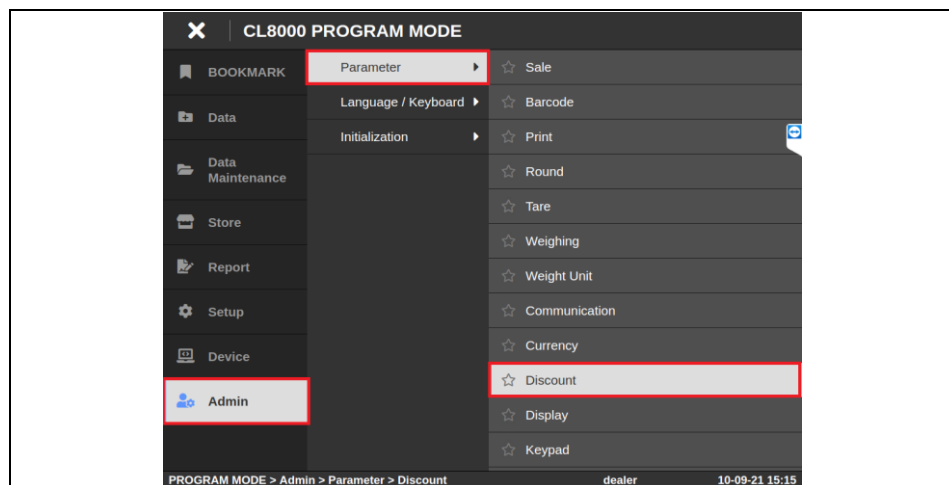


### ■ Currency Symbol Setting

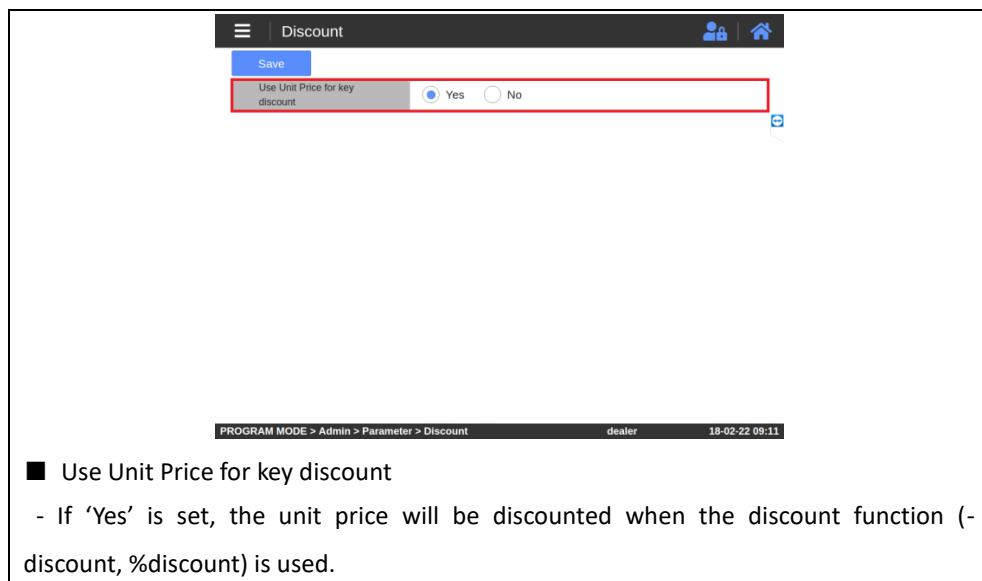
- After changing the currency symbol, if you turn off and then turn on the power of the scale, the currency symbol of the scale will change.

### 3.8.1.10. Discount

- This menu is for configuration Discount.



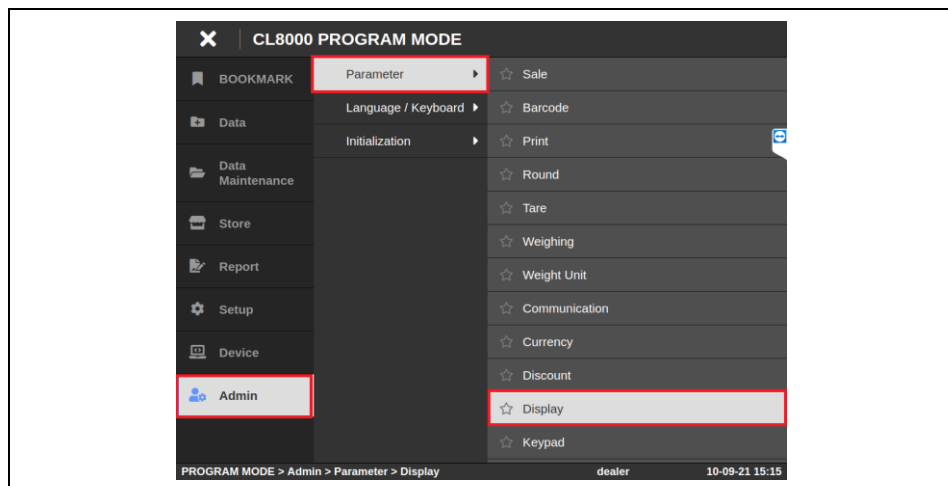
1) Set each item.



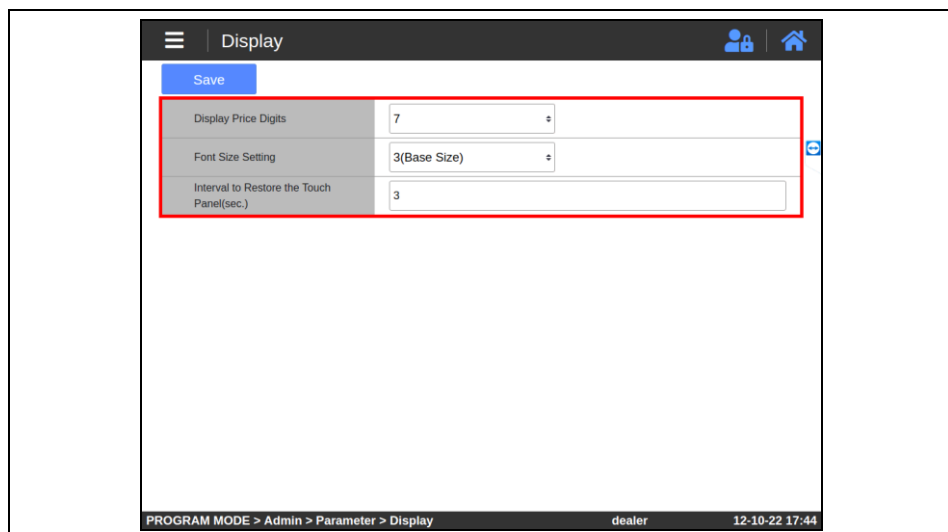
- If 'No' is set, it will be discounted from the total price.

### 3.8.1.11. Display

- This menu is for configuration Display.



1) Set each item.



**■ Display price digits**

- You can select the digit displayed on sale screen (7-9 digit, include decimal point)

**■ Menu Font Size Setting**

- It can be set the font size used in the program mode.

**■ Sale Font Size Setting**

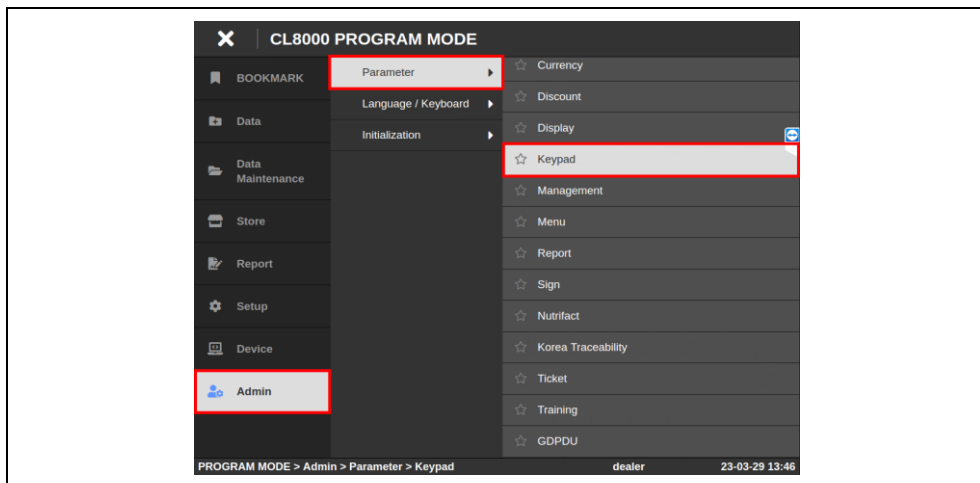
- It can be set the font size used in the sales mode

**■ Interval to Restore the Touch Panel(sec.)**

- Restore the focus of the touch panel to the main screen at each set time.

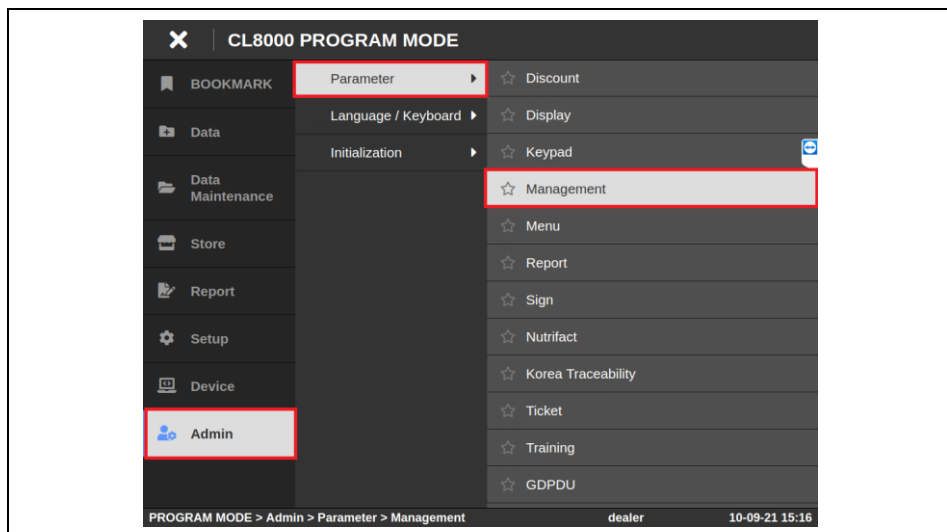
### 3.8.1.12. Keypad

- This menu is for configuration keypad.

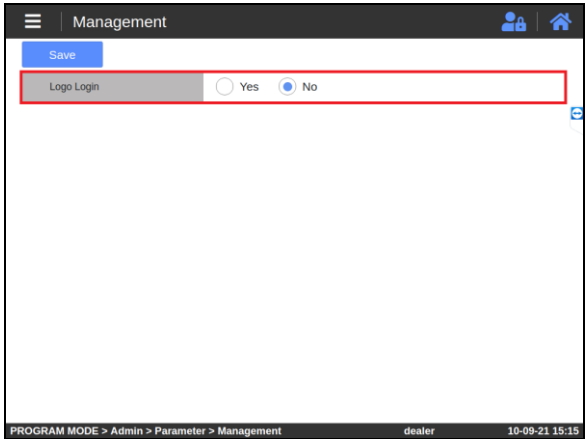


### 3.8.1.13. Management

- This menu is for configuration Management



1) Set each item.

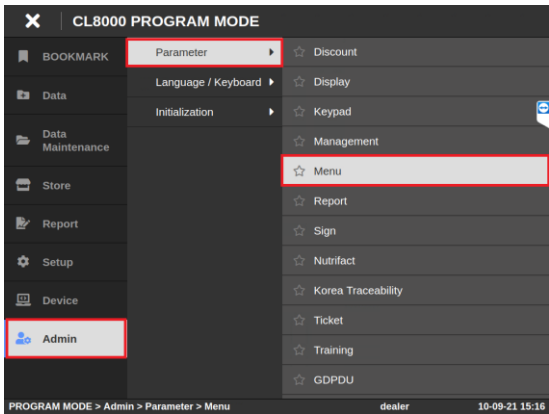


■ Logo Login

- You can set whether to log in or not when you move to the program mode using loge/setting button on sale screen.

3.8.1.14. Menu

- This menu is for configuration Menu



1) Set each item.

Menu

Save

Department use(Yes/No) ☐ Yes ☒ No

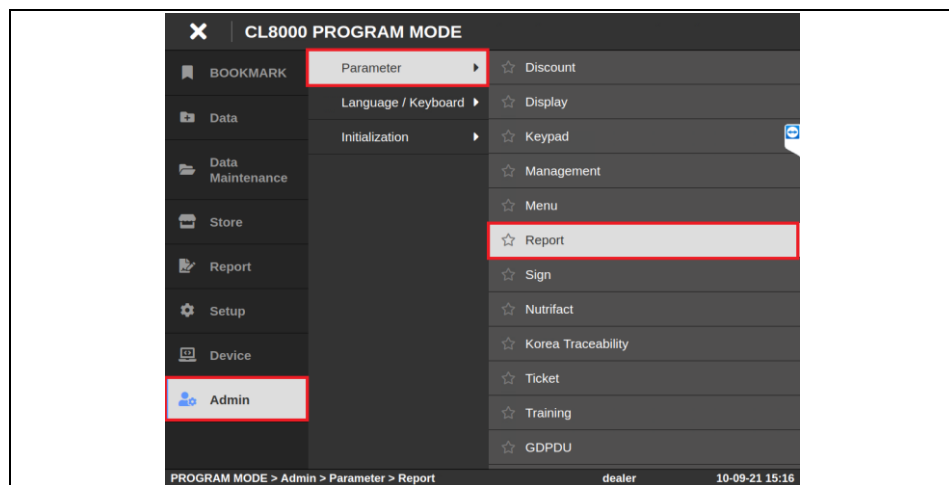
PROGRAM MODE > Admin > Parameter > Menu dealer 10-09-21 15:16

■ Department use (Yes/No)

- 'When setting 'Yes', Department No. is used, and all previously used Category No. and related data (PLU, Keypad, Report, Product Info, etc.) are deleted except item No. 1.
- When 'No' is set, Category No. is used, and all previously used Department No. and related data (PLU, Keypad, Report, Product Info, etc.) are deleted except item No. 1.

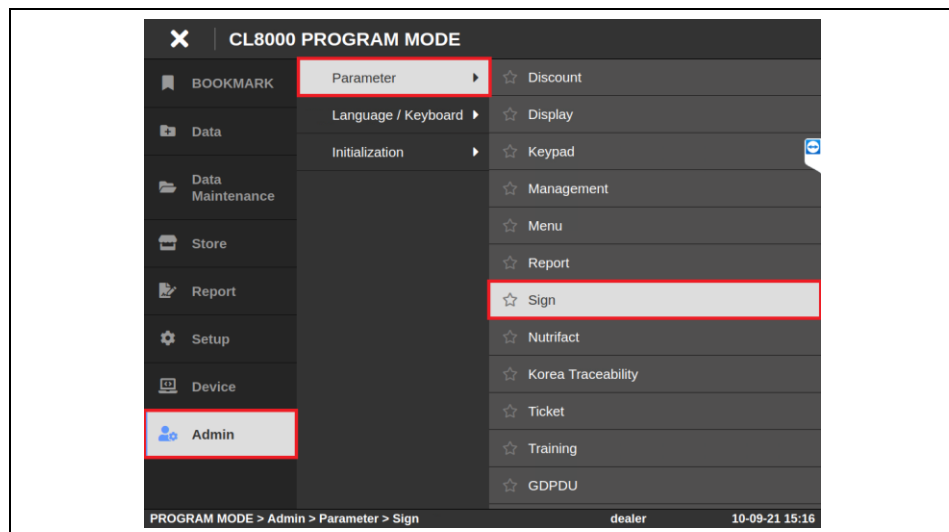
### 3.8.1.15. Report

- This menu is for configuration report



### 3.8.1.16. Sign

- This menu is for configuration sign



1) Set each item.

Sign	
1000 Unit Price Separator	<input checked="" type="radio"/> Unused <input type="radio"/> .(comma) <input type="radio"/> .(dot)
1000 Unit Weight Separator	<input checked="" type="radio"/> Unused <input type="radio"/> .(comma) <input type="radio"/> .(dot)
Decimal Point Separator	<input type="radio"/> .(comma) <input checked="" type="radio"/> .(dot)

PROGRAM MODE > Admin > Parameter > Sign dealer 10-09-21 15:16

■ 1000 Unit Price Separator

- It is a price 1000 unit separator.

■ 1000 Unit Weight Separator

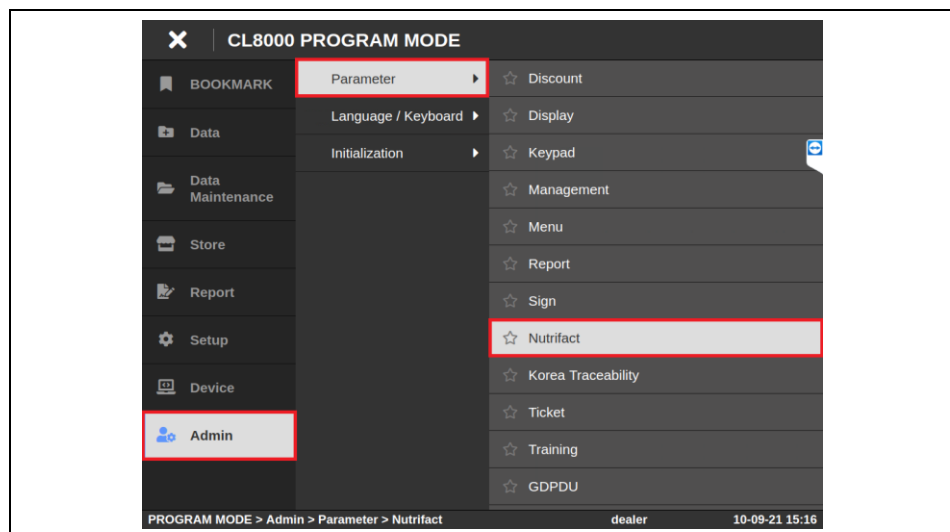
- It is a weight 1000 unit separator.

■ Decimal Point Separator

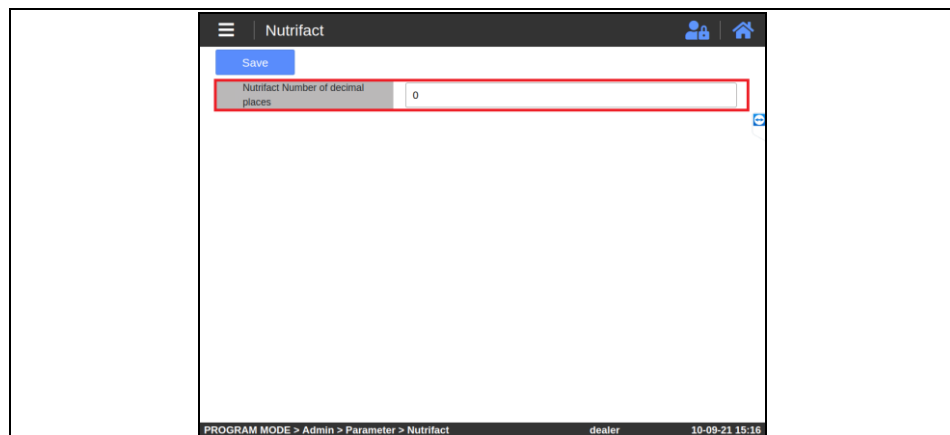
- It's a decimal separator.

### 3.8.1.17. Nutrifact

- This menu is for configuration Nutrifact



1) Set each item.

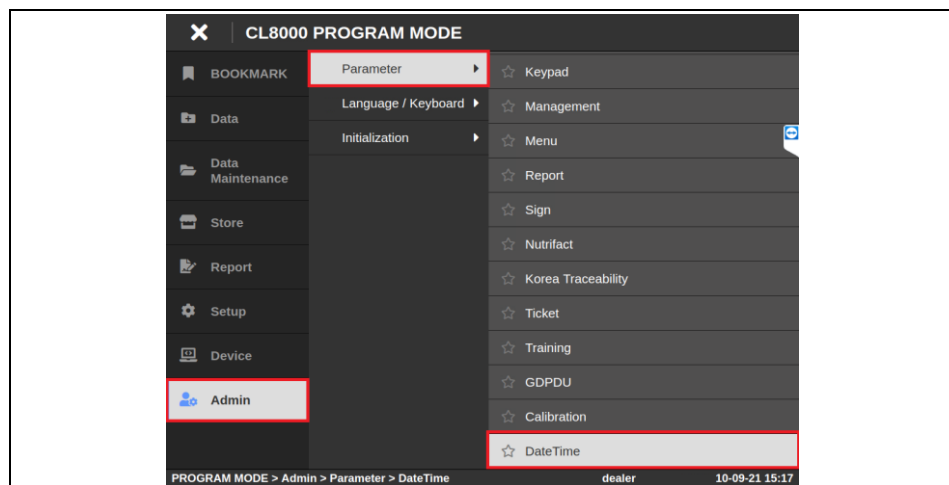


#### ■ Nutrifact Number of decimal places

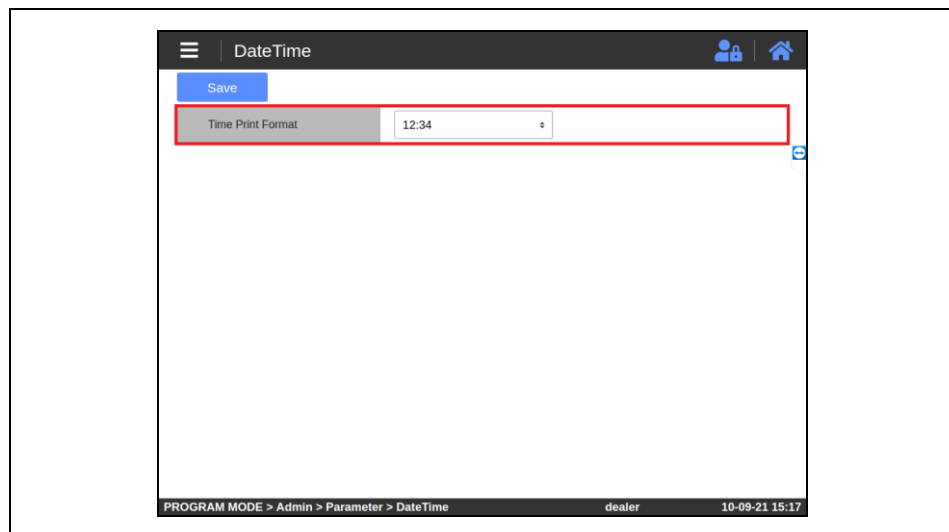
- This is the decimal point setting of Nutrifact details.

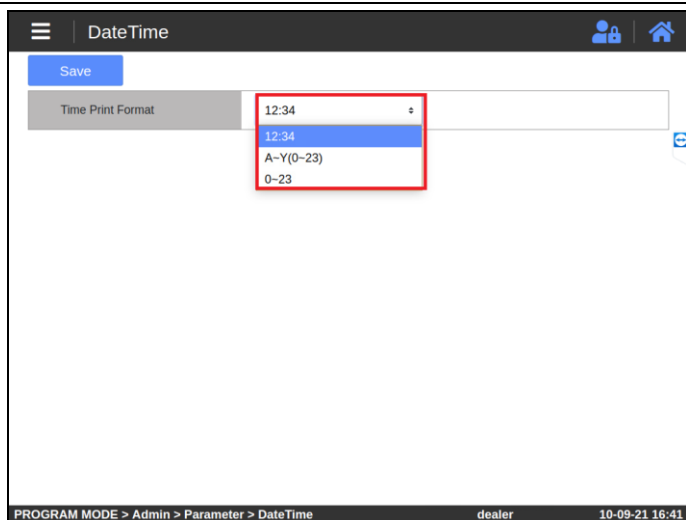
### 3.8.1.18. Date Time

- This menu is for configuration date time



1) Set each item.



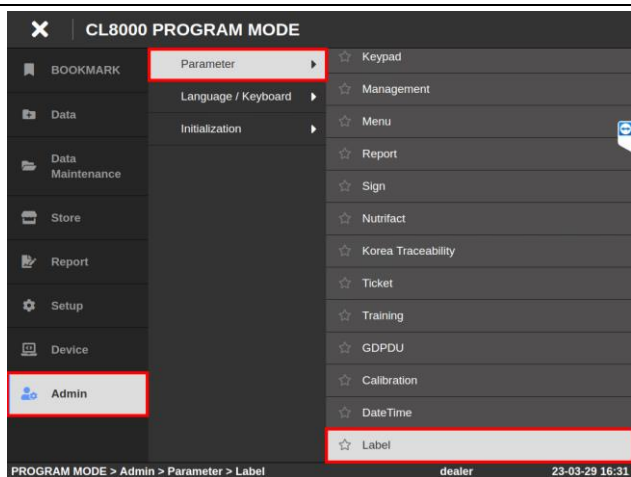


## ■ Decimal Point Separator

- This is the setting for the format when printing the label time.

## 3.8.1.19. Label

- This menu is for configuration label



1) Set each item.

The screenshot shows the 'Label' settings screen. At the top, there is a 'Save' button. Below it, there are two settings:

Common Label Settings	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Label Change Mode	<input type="radio"/> Yes	<input checked="" type="radio"/> No

At the bottom, the status bar displays: PROGRAM MODE > Admin > Parameter > Label, dealer, and 23-03-29 16:33.

■ Common Label Settings

- This is the setting whether to set each Label field in batches.

■ Label Change Mode

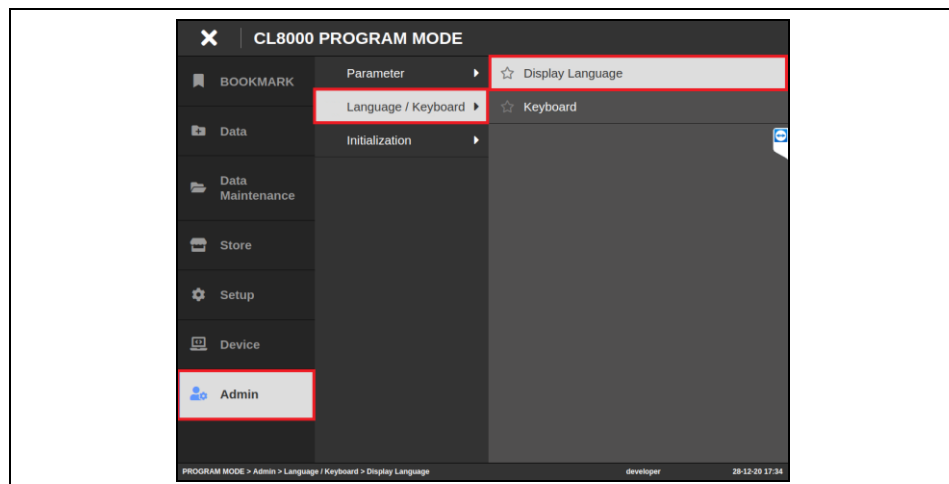
- This is the setting whether to temporarily use the label and barcode form changed with the [Label1~Label 20] key.

(Yes: Save the value after using the label call key / No: Do not save after using the [Label1~Label 20] key)

## 3.8.2. Admin – Language / Keyboard

### 3.8.2.1. Display Language

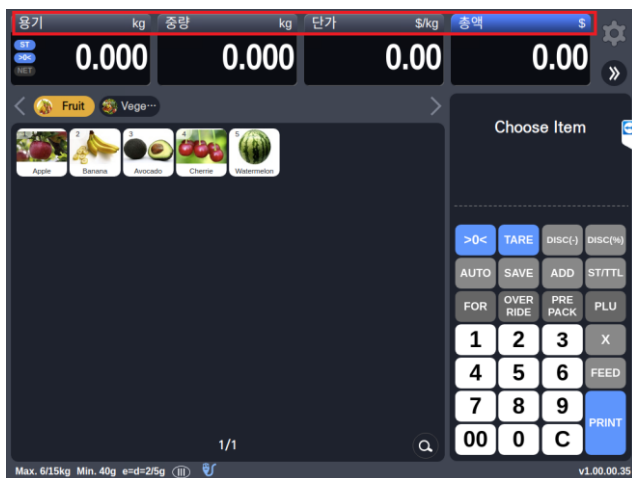
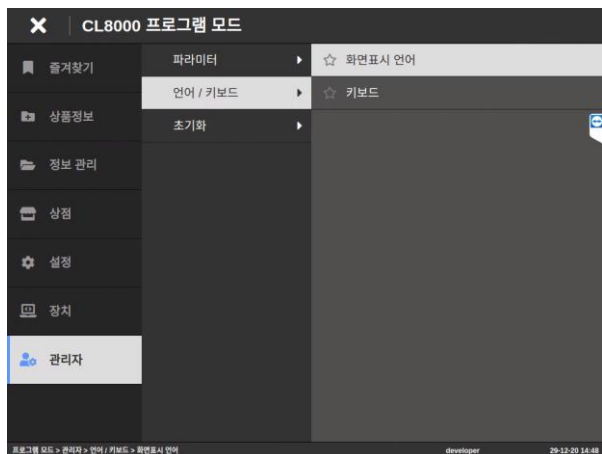
- This menu is for setting the language that is displayed on the scale screen.



1) Choose the language, then press “Save” button.

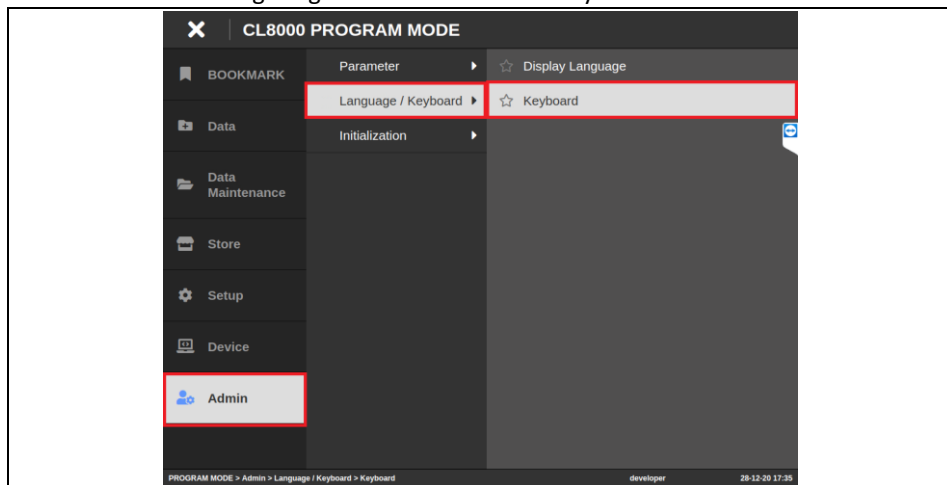


2) You can see that the language has been changed.



### 3.8.2.2. Keyboard

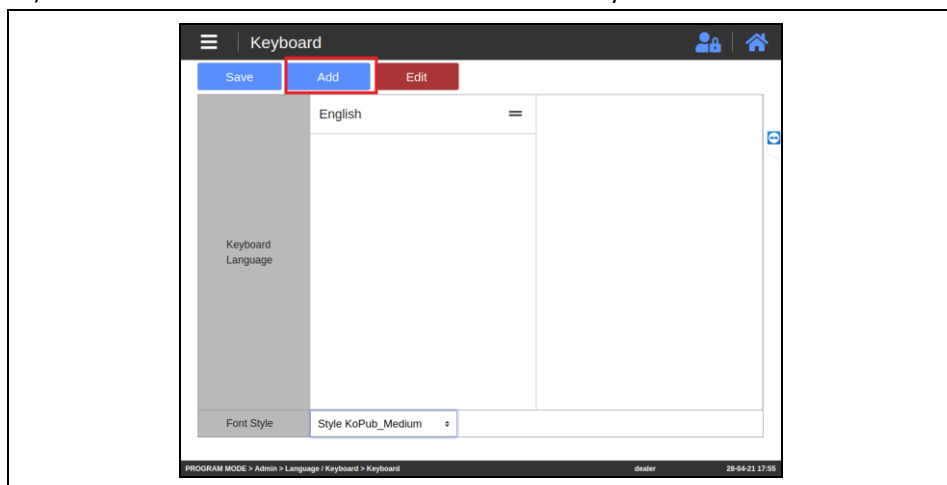
- This menu is for configuring the scale's on-screen keyboard.



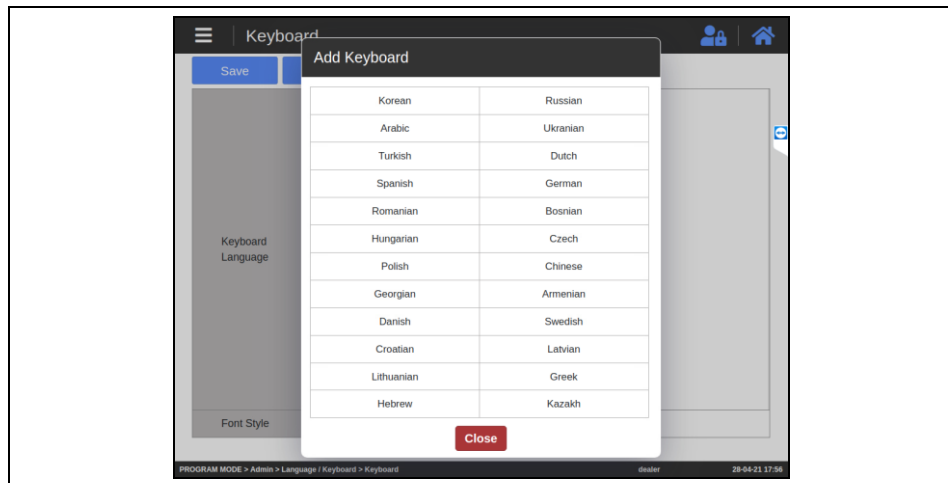
#### 3.8.2.2.1. Add Keyboard

- You can add on-screen keyboard.

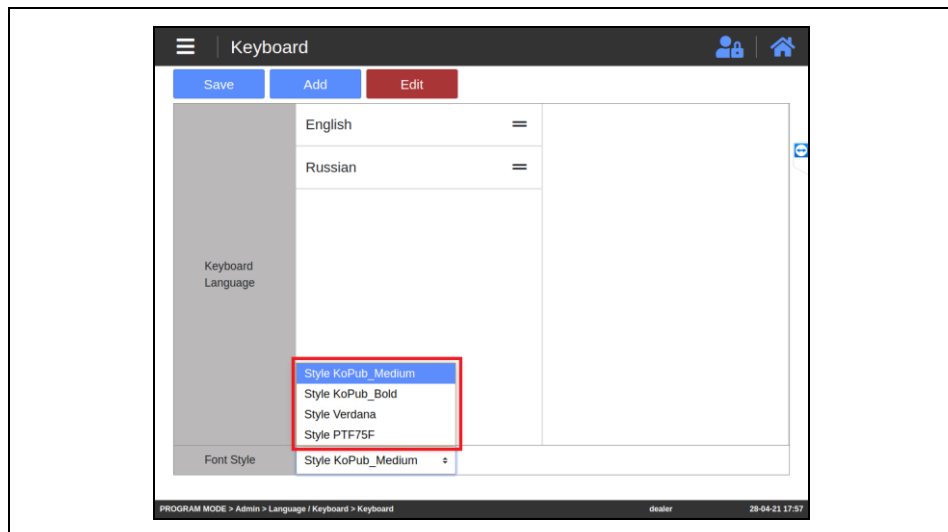
1) Press “Add” button to show the list of on-screen keyboard.



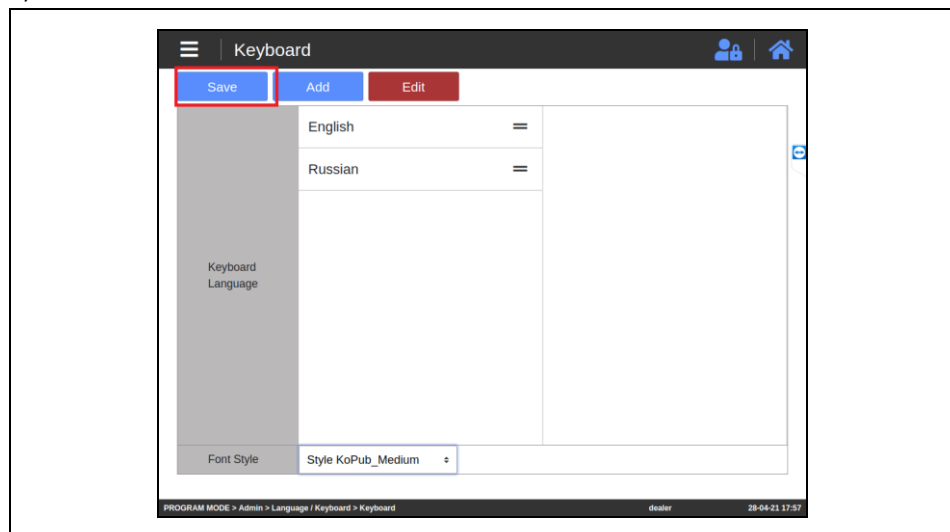
2) Choose the on-screen keyboard from the list.



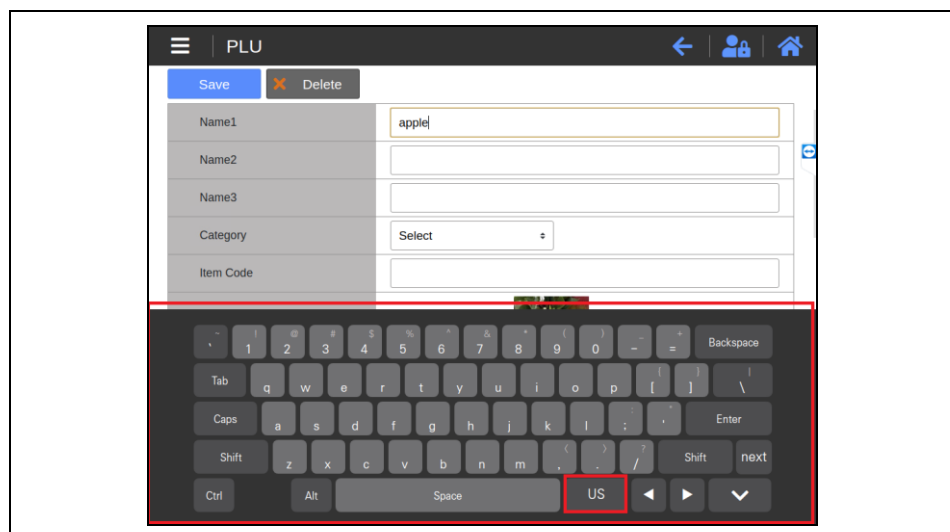
3) You can set the font for the virtual keyboard. (Applies to all virtual keyboards.)

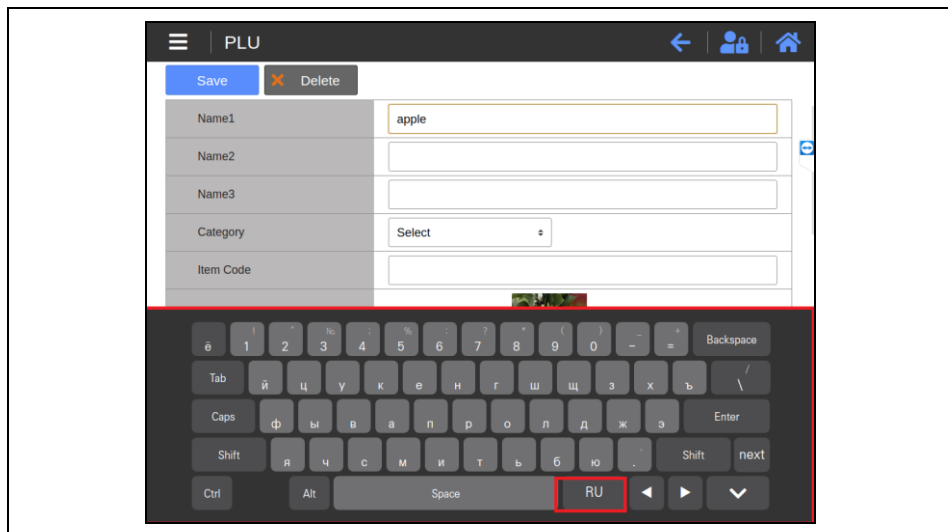


4) Press “Save” button.



- You can check the configured keyboards (pressing Language Change key will change the keyboard to the next configured language).

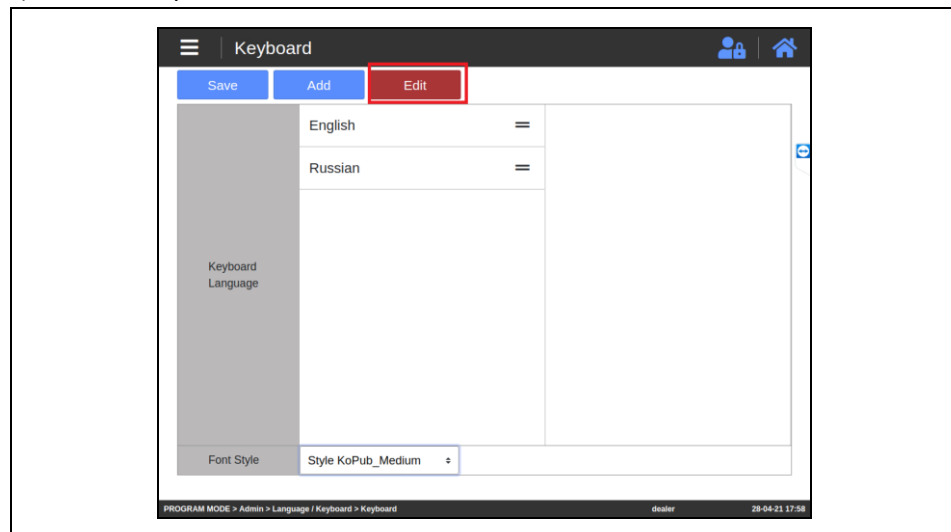




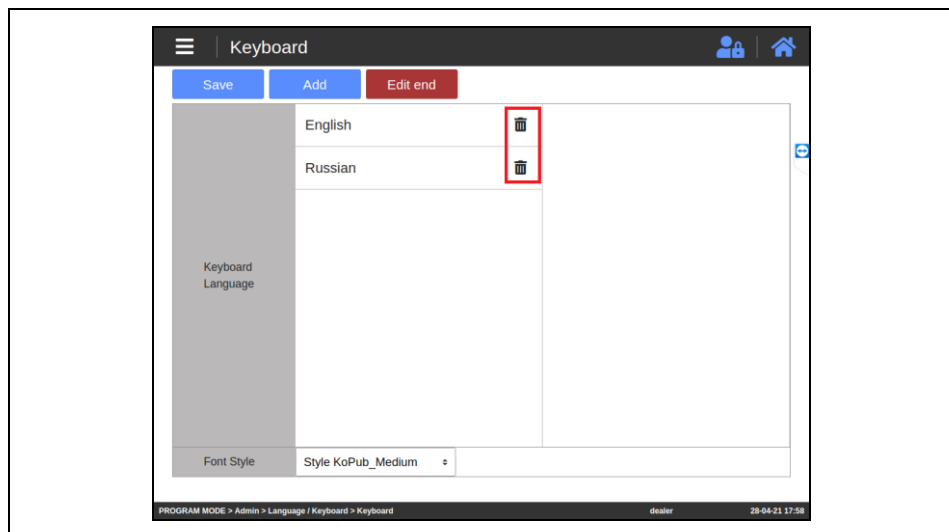
### 3.8.2.2.2. Delete Keyboard

- You can delete unused / disused on-screen keyboards.

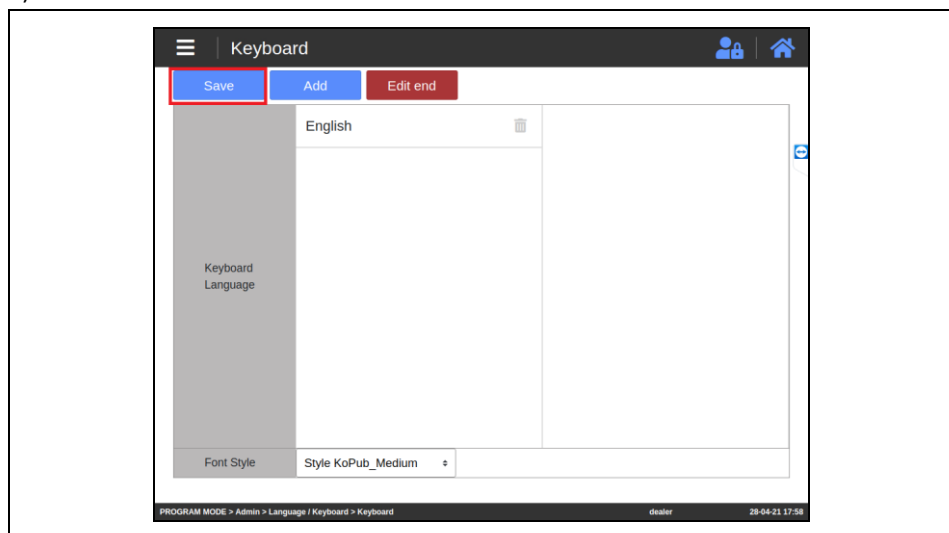
1) Click “Modify” button.



2) Click the trash can icon to delete an on-screen keyboard.



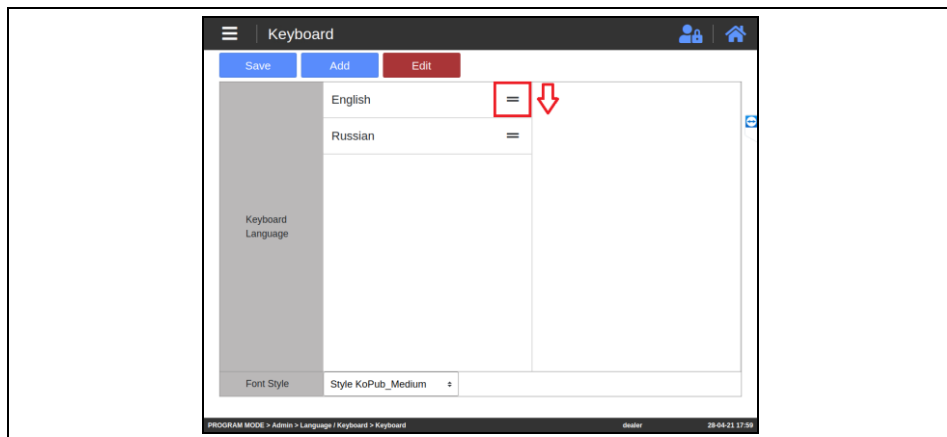
3) Click “Save” button.



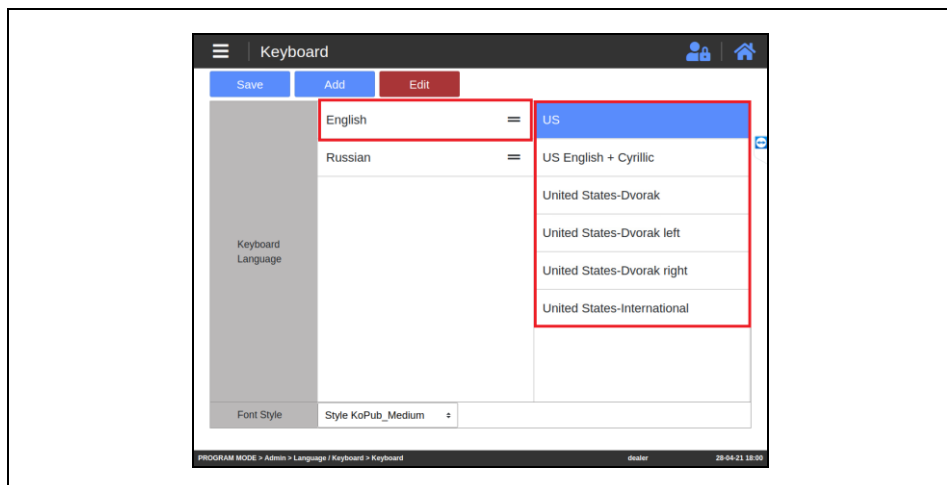
### 3.8.2.2.3. Modify Keyboard

1) You can set the default keyboard layout when using multiple keyboard layouts.

The keyboard language at the top of the list will be the default keyboard layout for the On-screen keyboard. Click an icon, drag & drop it to move keyboard of the selected language up or down on the list.



2) You can set to other keyboard layouts by clicking their icon.



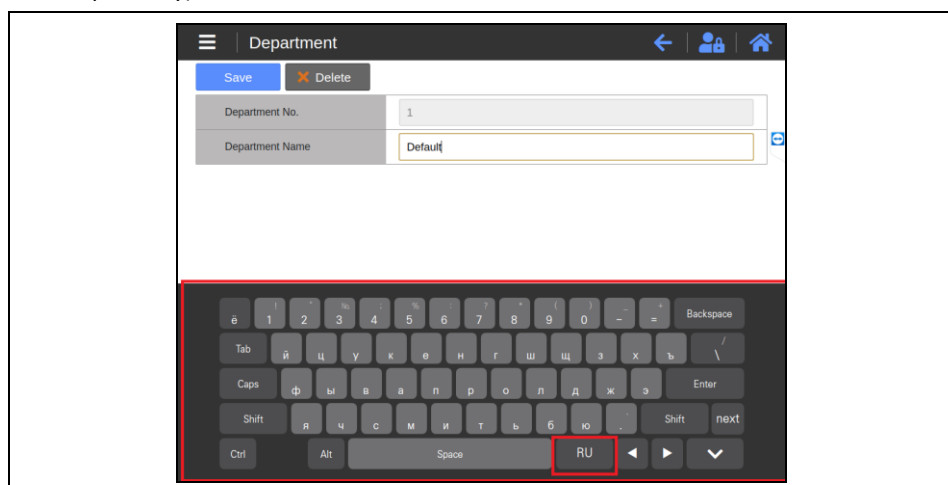
3) Click “Save” button.



4) You can see that the keyboard layout has been changed.

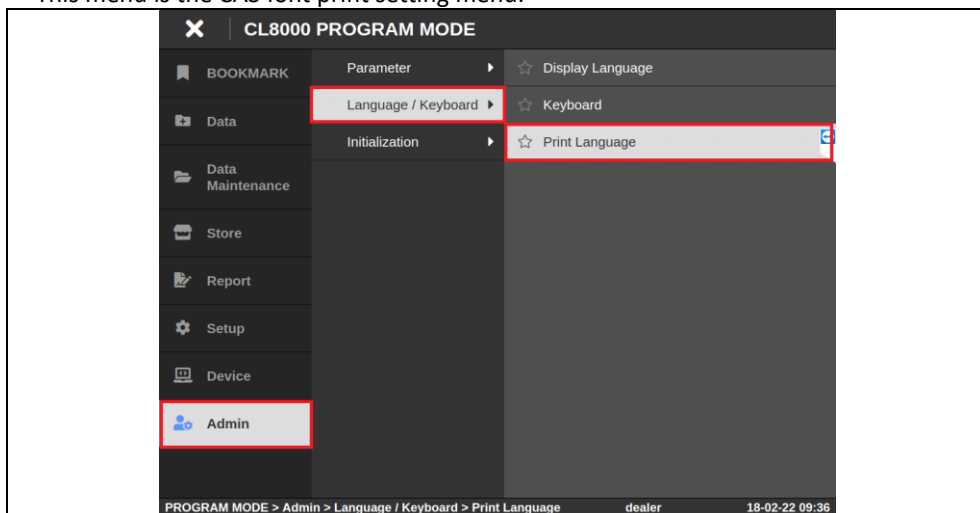
If Russian keyboard is set to top, language of virtual keyboard will be set to Russian.

(You can also use other keyboard layouts by pressing the language change key right next to the Space key)

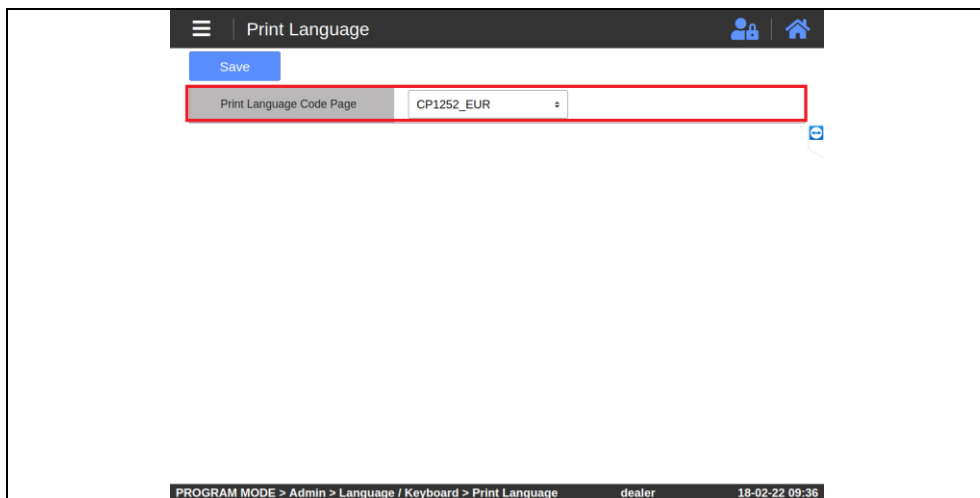


### 3.8.2.3. Print Language

- This menu is the CAS font print setting menu.



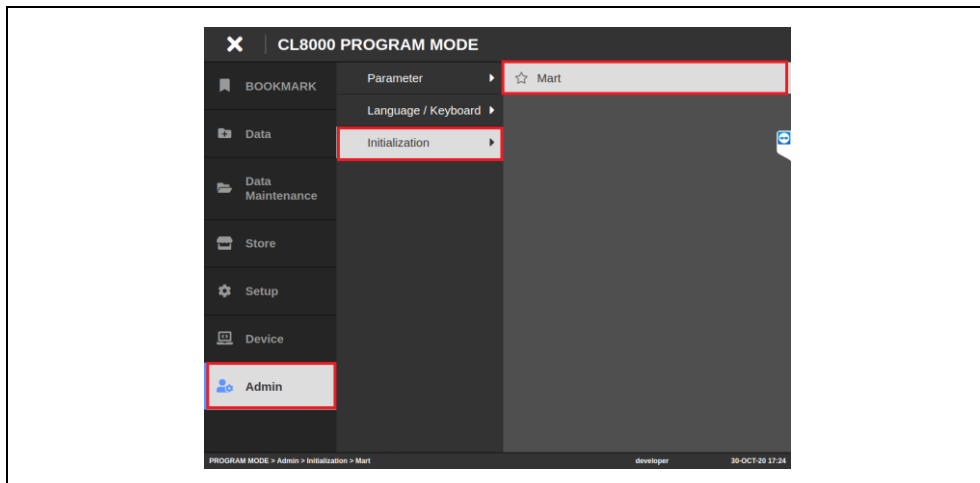
1) After selecting the CAS font to use, click the Save button to save.



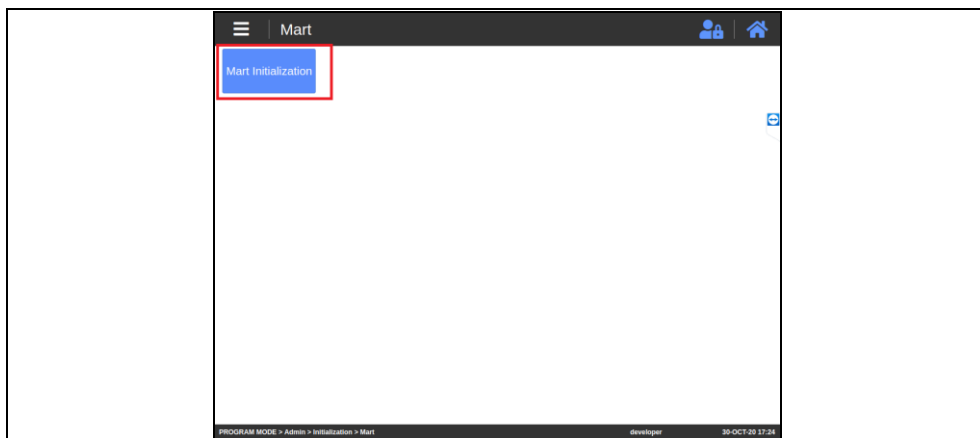
### 3.8.3. Admin – Initialization

#### 3.8.3.1. Mart

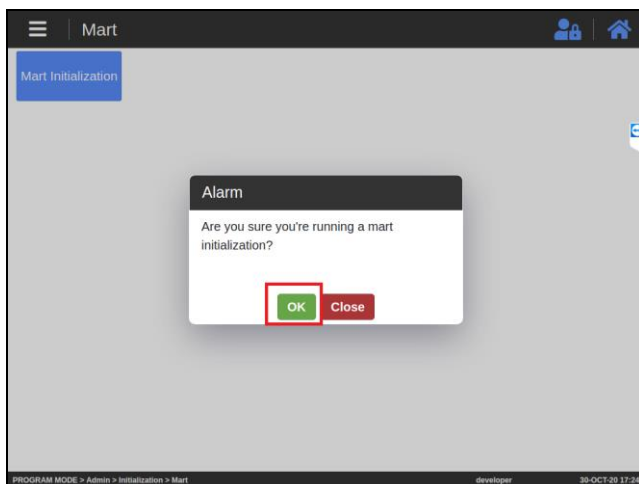
- This is the menu to proceed with the initialization.



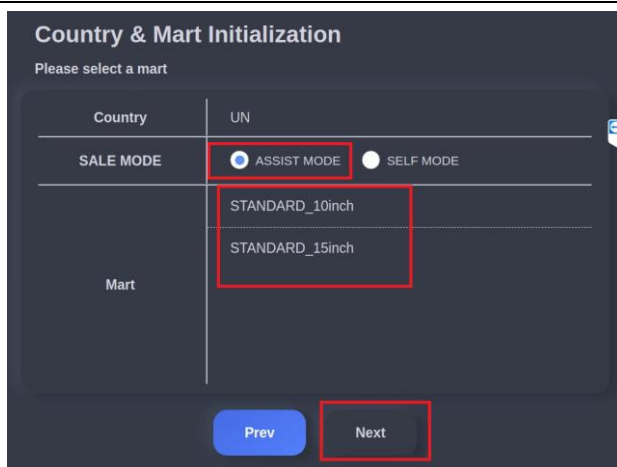
1) Click the 'Mart Initialization' button

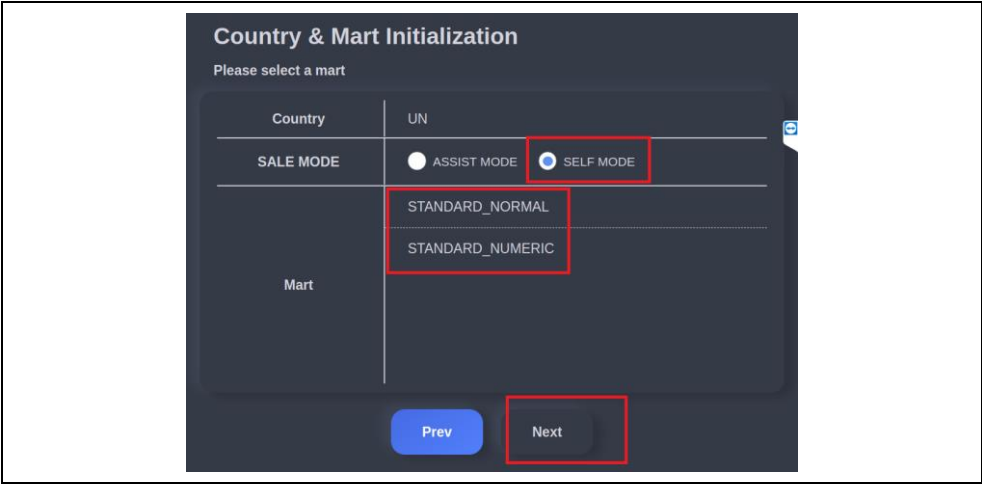


2) When the notification window pops up, click the “OK” button.



3) Select the SALE MODE and the Mart to install and click the “Next” button

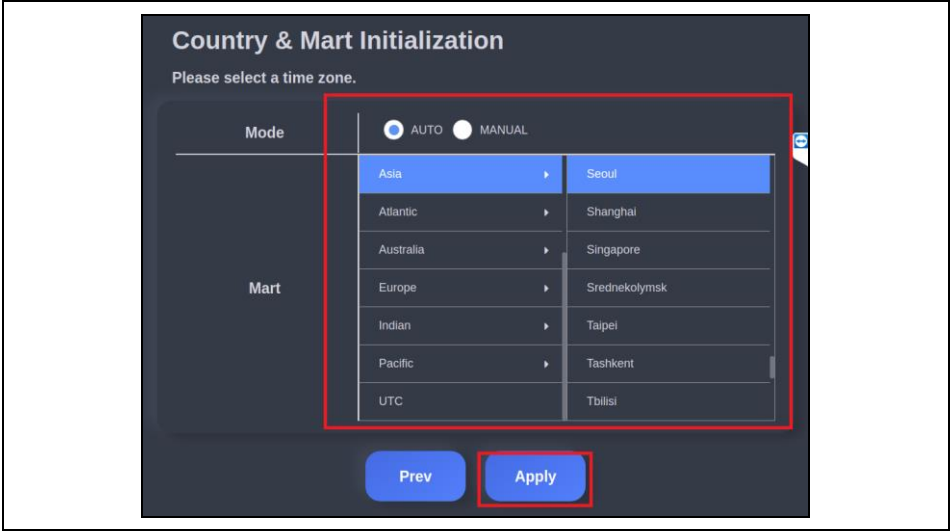




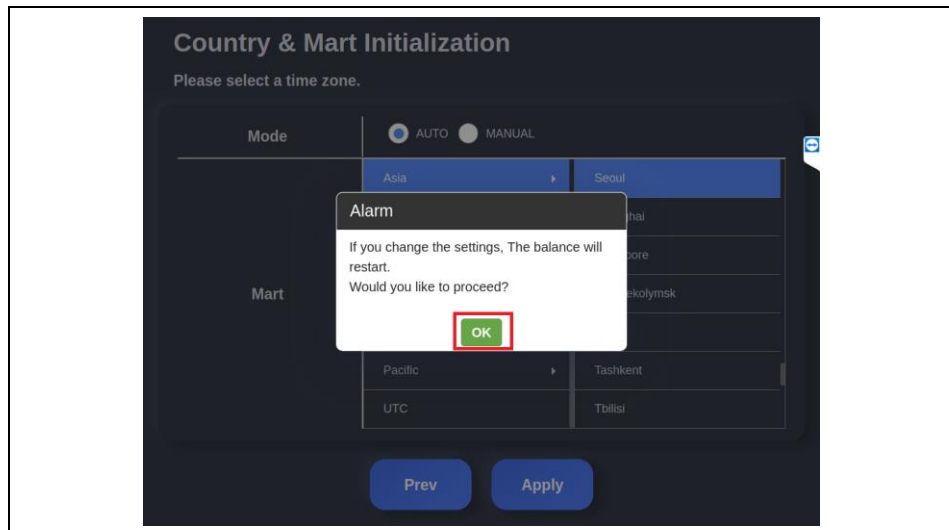
# ASSIST MODE – The way the clerk sells it.

# SELF MODE – The way consumers buy it themselves.

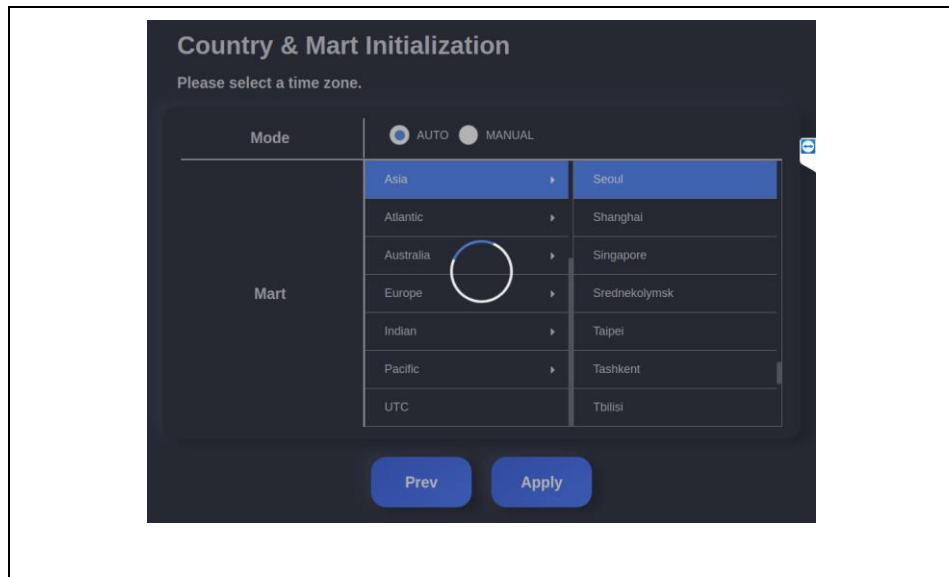
4) After setting the time, click the “Apply” button.

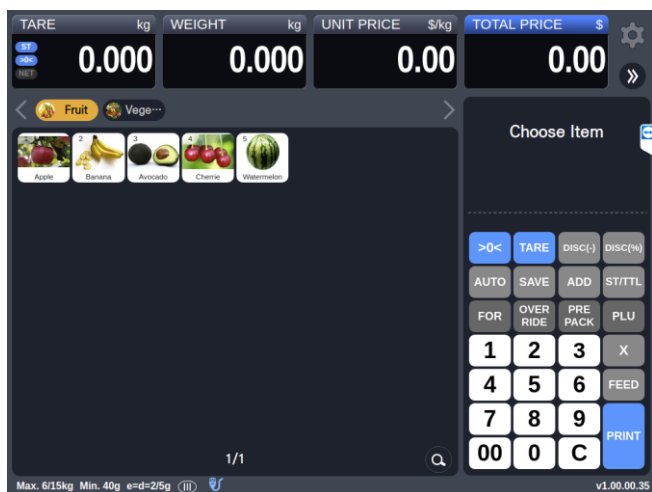


5) Press the “OK” button to initialize. When initialization is complete, it reboots.



6) It is initialized to the selected mart.





## 4. TROUBLESHOOTING

### 1. Communications Issue

Symptom	Troubleshoot
Can't access the LAN	<ul style="list-style-type: none"><li>▪ Check the hub or the switch</li><li>▪ Check the RJ45 network cable</li><li>▪ Check the LAN LED</li><li>▪ Reinstall the LAN card</li><li>▪ Replace the mainboard</li></ul>

### 2. USB Issues

Symptom	Troubleshoot
USB port does not work	<ul style="list-style-type: none"><li>▪ Check the status of plugged devices in the windows' Device Manager</li><li>▪ Check USB device status and connectivity</li><li>▪ Remove and reinstall the USB driver</li><li>▪ Change the USB device</li></ul>

### 3. Display Issues

Symptom	Troubleshoot
LED backlight does not work	<ul style="list-style-type: none"><li>▪ Check the display cable</li><li>▪ Check the inverter cable</li><li>▪ Replace the inverter cable</li><li>▪ Replace the display panel</li></ul>

#### 4. Touchscreen Issues

Symptom	Troubleshoot
Touchscreen does not sense tactile input	<ul style="list-style-type: none"><li>▪ Check the BIOS configuration</li><li>▪ Check the mainboard and the LCD cable</li><li>▪ Recheck the BIOS configuration</li></ul>

#### 5. Power Issues

Symptom	Troubleshoot
System does not load following a sudden shutdown	<ul style="list-style-type: none"><li>▪ Check the A/C cable</li><li>▪ Check the mainboard power</li><li>▪ Check the CPU configuration/status</li><li>▪ Check the system memory configuration</li><li>▪ Check the power button cable</li><li>▪ Replace the adapter device</li></ul>

#### 6. Booting Issues

Symptom	Troubleshoot
Reboot during system operation	<ul style="list-style-type: none"><li>▪ Check the SATA cable</li><li>▪ Check the memory status</li></ul>

#### 7. Reading Issues

Symptom	Troubleshoot
Weight reading does not appear	<ul style="list-style-type: none"><li>▪ Check the RS232C cable</li><li>▪ Check the installed folder</li></ul>



Label Printing Scale

User Manual

# CL8000 Series



9005CLH00330

9005-CLH-0033-0 2020.09

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Specifications are subject to change without notice improvement.

