



Operation Manual

T-Touch Central (TTC) (TW20_EW20_AW20-Series)

04/03/2020

V2.0.38

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1.Introduction

TTC back office management software could make the updates to scales with networking. User-friendly back office software allowing to create customized labels, Product updates , export etc.

The TTC main screen is separated in to two parts: [Function Bar](#) and [Main Menu](#). The Function Bar includes some additional functions. The Main Menu displays the functions that are more often used.

For any Data transfer, the scale(s) and the computer running TTC must be in the same network. Also, the operator must acquire the IP address of the scale(s) in order to setup the connection.

No data will be updated on the scale(s) unless the user download the data to selected scale(s).

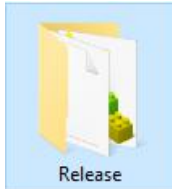
This Manual will be focusing on the back office software for **TW20_EW20_AW20 Series** Industries weighing Scales.

2.System Requirements

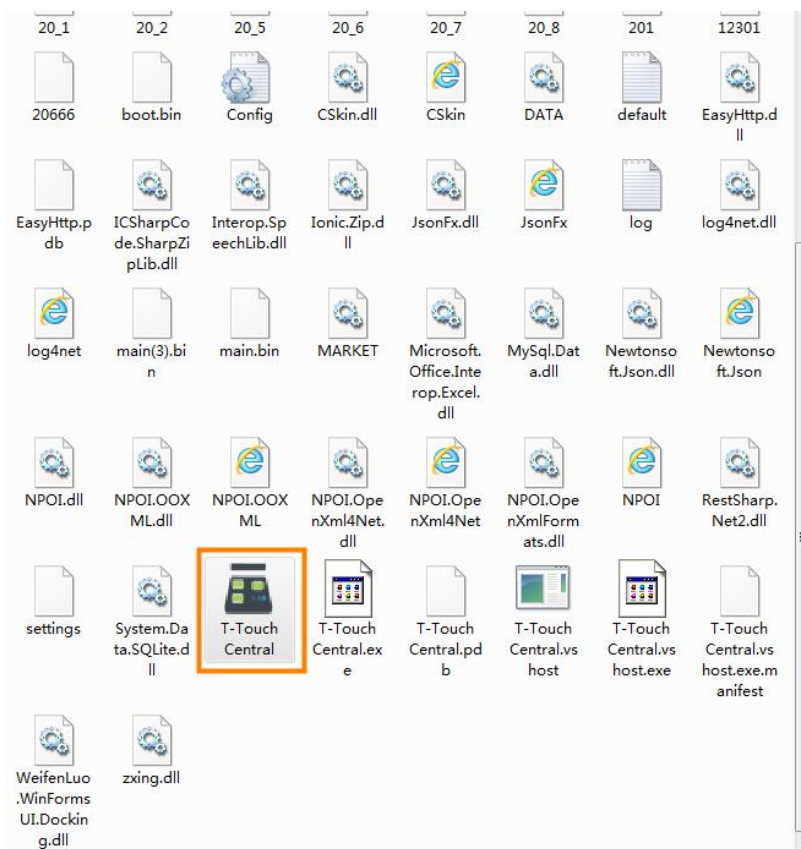
Operating System: Windows XP or above.

3.Installation

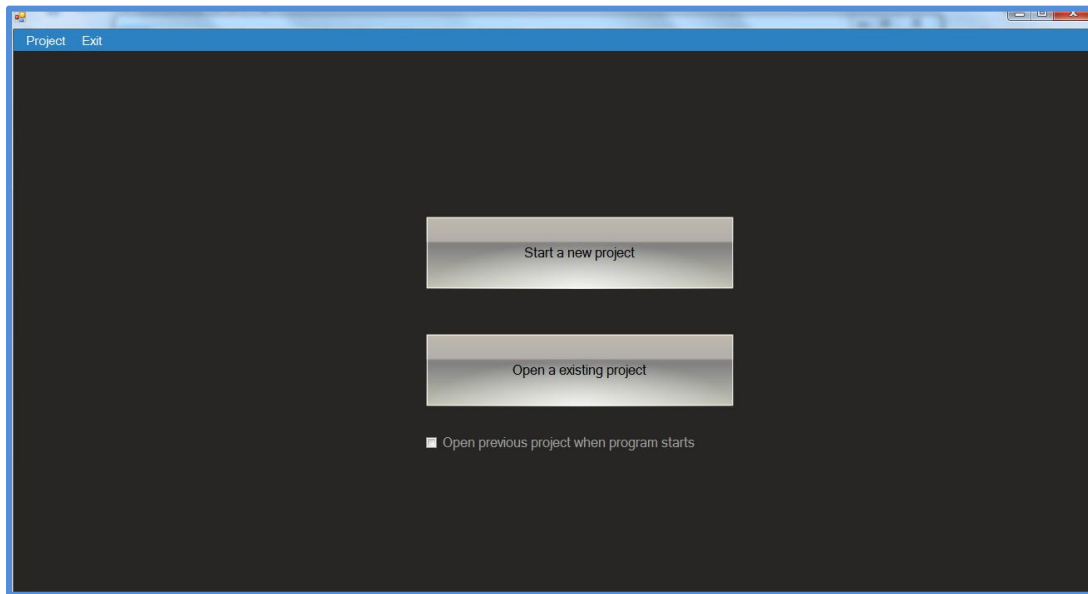
3.1. Open TTC management file folder.



3.2. Double click T-Touch Central.exe application file.



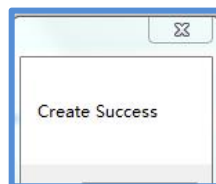
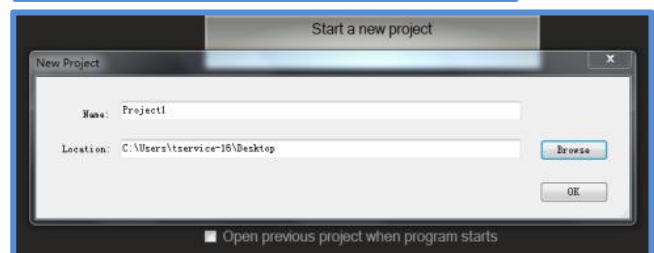
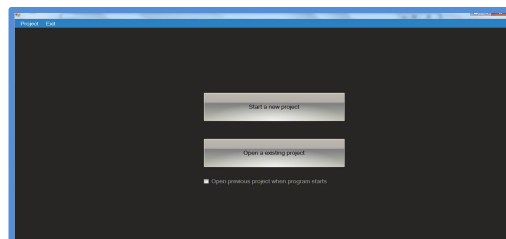
3.3. Project created



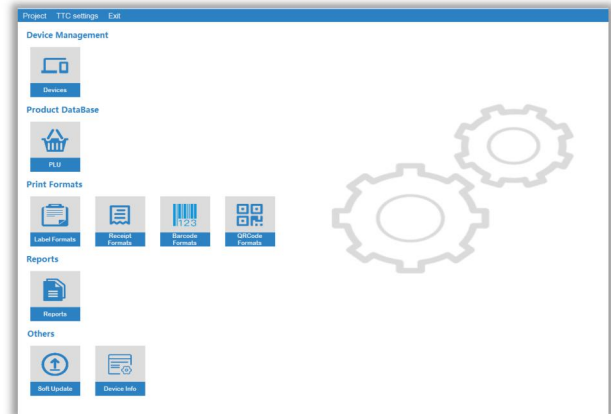
- ✧ “**Start a new project**” used to run the TTC software for the first time.
- ✧ “**Open a existing project**” used to edit the existing project.
- ✧ “**Open previous project when program starts**” used to enter the existing project main menu directly if selected the option.

Start a new project operation:

- 1 Click <start a new project> option.
- 2 It will be asked to select the location of project.
- 3 Click “**Browse**” option to store the location you desired.
- 4 Click “**OK**”to confirm, “Create success” prompts will be displayed.

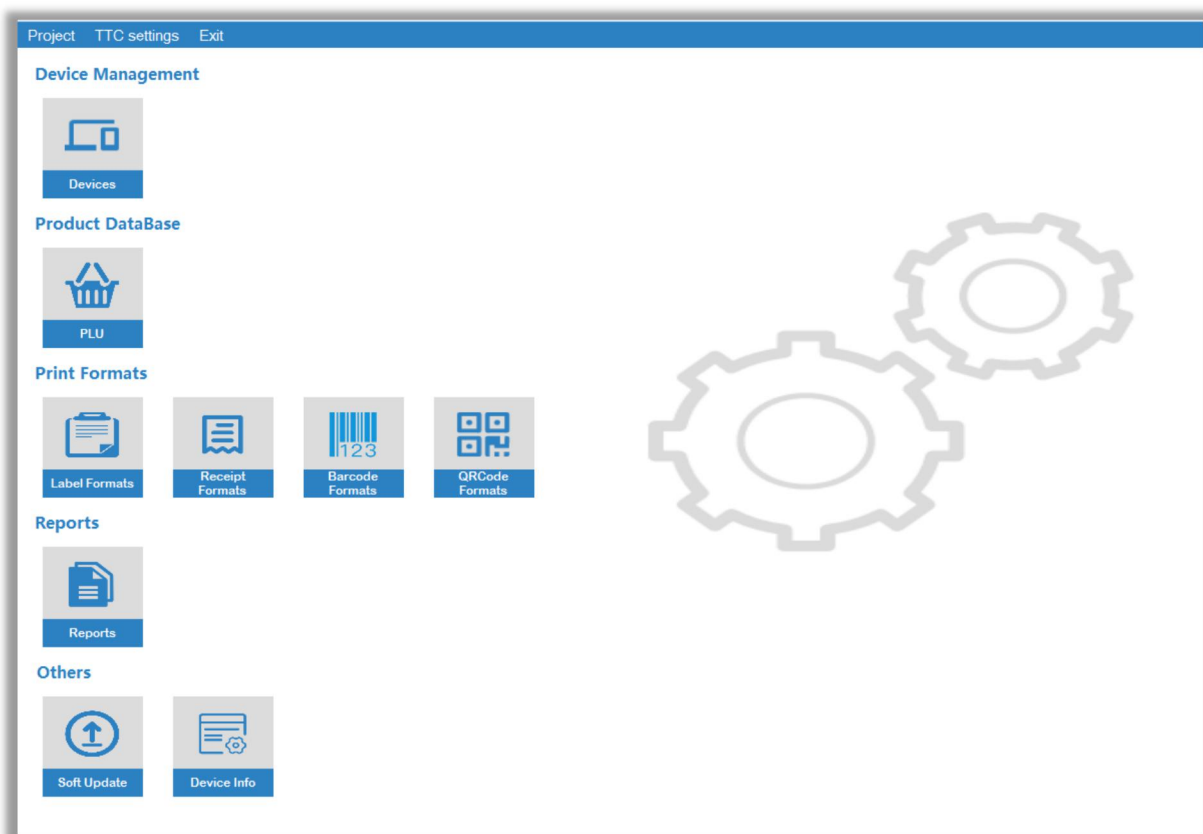


- 5 Click **“confirm”** to enter main menu page.



4. Menu Keys & Functions

Main Screen Layout



Icon	Keys	Description
	Devices	Used to set the scales device information from the back office software.
	Product Database	Used to manage the product information
	Label Formats	Used to design a label format
	Receipt Formats	Used to design a receipt format
	Barcode Formats	Used to design a barcode format
	QR code Formats	Used to design a QRcode format (N.A)
	Reports	Used to manage the product reports
	Software update	Used to update software to the scale.
	Device information	Used to configure device information

Name	List	Description
Project	New	Used to create a new project
	Open	Used to open the existing project
	Save as	Used to save the opened project
	Close	Used to close the opened project

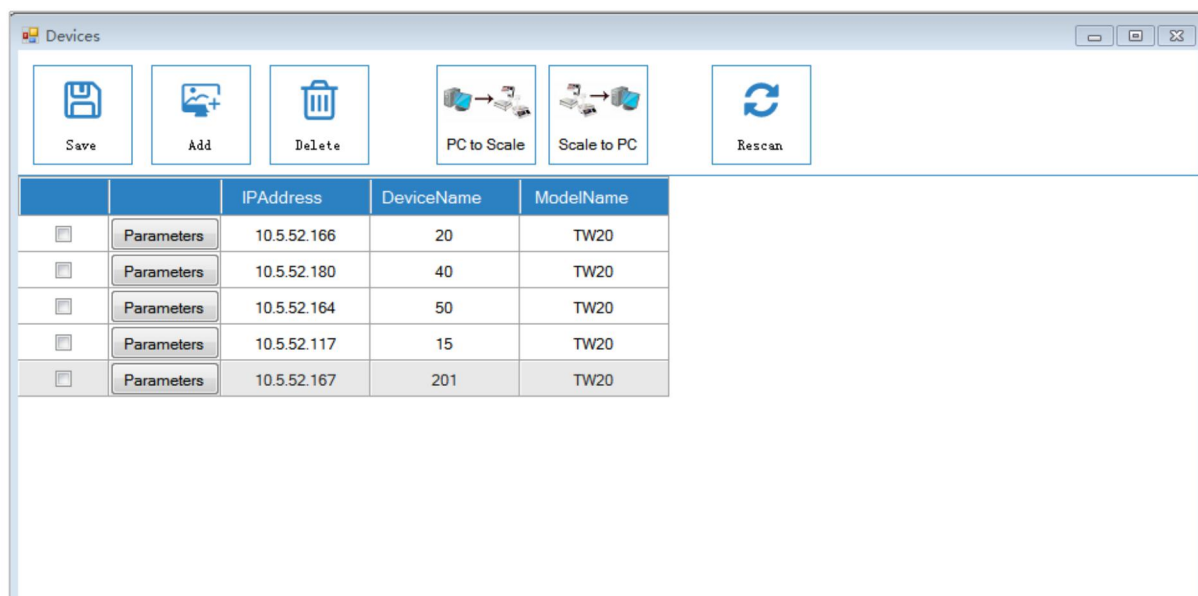
TTC Settings	Language	Used to choose language from the list currently supported - English - Simplified Chinese - Español - Русский - Ελληνικά - Nederlands - 한국어 - Français - Catala
Exit	Exit	Exit the back office software.

5. Device Management

This Function displays the current status of all the scales managed by TTC. It will continuously update all the scales connection status automatically. It allows the user to open the device



information window by clicking **Devices** icon in the main menu.



❖ Function Keys

Icon	Keys	Description
	Save key	Used to save a new device information
	Add key	Used to add a new device information
	Delete key	Used to delete a selected device information
	Download key(PC to Scale)	Used to transfer device information from PC to Scale (N.A)
	Retrieve key(Scale to PC)	Used to transfer device information from Scale to PC (N.A)
	Refresh key	Used to refresh the current page (N.A)

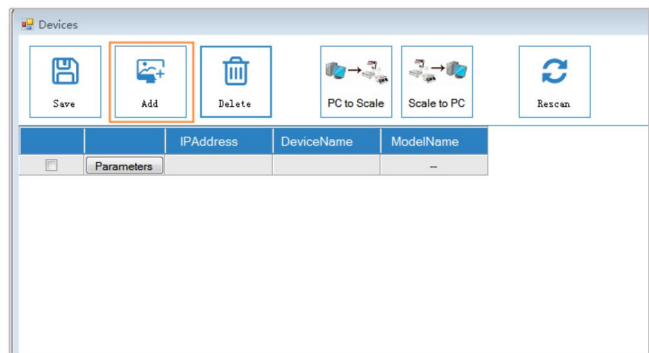
❖ Device Item Description

Item	Description
IP Address	Enter IP address of scale
Device Name	Enter device name of scale
Model Name	Select model name from list,default is TW20
Parameters	N.A

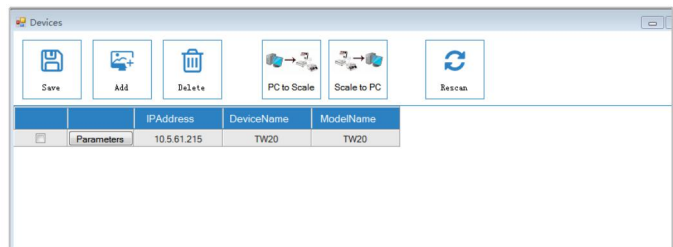
5.1. Add Device Information

The IP Address is the only required field for a newly added device. Each scale must have unique IP Address.

- 1 Click **"Add"** key to configure your T-Scale devices.

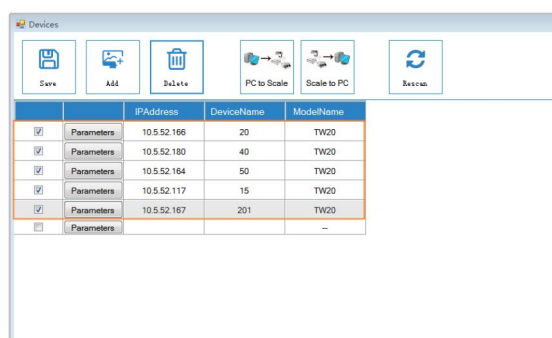


- 2 Click blank field to Input IP address of scale.
- 3 Click blank field to Input device name of scale.
- 4 Select the model name from the drop down list.the **default name is TW20**

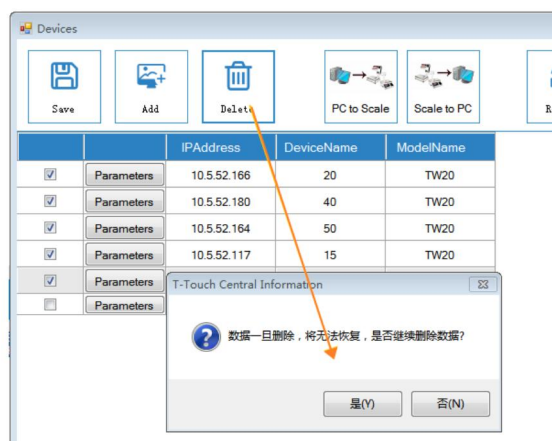


5.2. Delete Device Information

- 1 Select the scales to be deleted.



- 2 Click "Delete" key, click "yes" to confirm .



5.3 Device Parameters Item Description

Parameters	Sub item		Description
	1.User Infor	1.Admin1	Administrator: The administrator can manage the scale accounts. These accounts will not be able to change the technician password on the scale(s).
		2.Admin 2	
		3.Operator 1	
		4.Operator 2	Operator: Normal users. These users may have limited access to scale functionalities, and their account will be managed by the technician or administrator accounts.
		5.Operator 3	
		6.Operator 4	
		7.Operator 5	
		8.Operator 6	
		9.Operator 7	
	2.Device Infor	1.Shop No	Used to set device information
		2.Dept. No	
		3.Scale No	
		4.Phone	
		5.Address	
	3.Date and Time	1.Date format	Select data format from the list
		2.Separator	Select separator from the list
		2.Date	Used to set date and time

5.4. Device information configuration

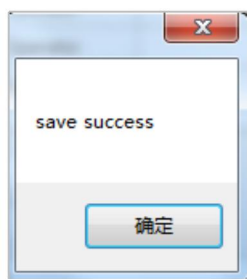
- 1 Click **"Parameters"** to add detail device information as you desired.
- 2 The user information and device information can be configured by clicking the blank field.
- 3 Date and time can be selected from the drop down list.

The Parameters window is divided into three main sections:

- User Info:** A table with columns: No, Type, Account, UserName, Password. It contains 9 rows, with the first two being Admin and the rest being Operator.
- Device Info:** Fields for CompanyName, Dept No., Scale No., Phone, and Address.
- Date / Time:** Fields for Date Format (set to YYMMDD), Separator (set to /), and Date (set to 2021-03-08 09:07).

At the bottom, there are buttons for "PC->Scale", "Save", and "Close".

- 4 Click **"Save"** key to confirm , it will pop up a prompt " save success" .



5.5. Download Device Information To Scales

- 1 Click **"PC to Scale"** key to send device information to corresponding scales.

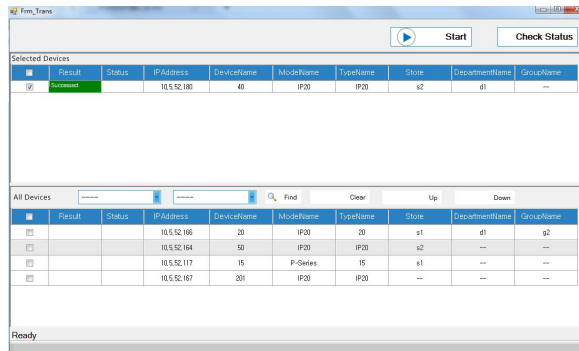
This is a cropped view of the Parameters window, focusing on the Date / Time section and the "PC->Scale" button at the bottom, which is highlighted with a red rectangle.

- 2 A list of available scale devices will pop up.

The FmmTrans window displays a list of available scale devices. It includes a "Selected Devices" section at the top and a table of "All Devices" below. The table has columns: Result, Status, IPAddress, DeviceName, ModelName, TypeName, Store, LocationName, and GroupName. The "All Devices" section also includes search and filter controls.

Result	Status	IPAddress	DeviceName	ModelName	TypeName	Store	LocationName	GroupName
		10.5.52.166	20	IP20	20	s1	d1	g2
		10.5.52.180	40	IP20	IP20	s2	d1	---
		10.5.52.164	50	IP20	IP20	s2	---	---
		10.5.52.117	15	P-Series	15	s1	---	---
		10.5.52.167	201	IP20	IP20	---	---	---

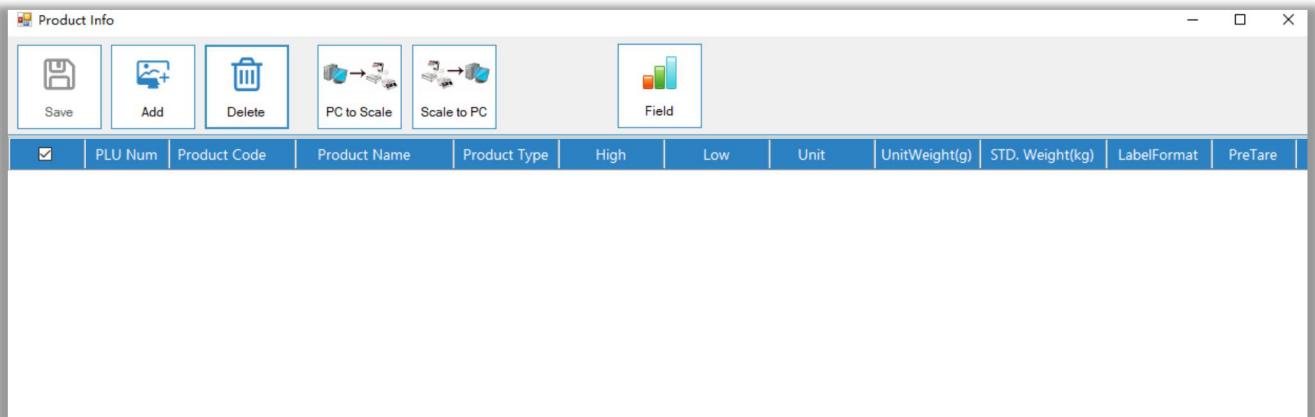
- 3 Double click the targeted scales, and click . The software file will now be transferred to scales.



6. Product Database

It allows the user to manage the product information in the TTC back office software, This Function displays the PLU/product data stored in the back office. This data can be transferred to the scales. In

order to open the product information window by clicking  icon in the main menu.



❖ Function Keys

No.	Icon	Keys	Description
1		Save key	Used to save new product information
2		Add key	Used to add a new product information
3		Delete key	Used to delete a selected product information
4		Download key(PC to Scale)	Used to transfer product information from PC to Scale
5		Retrieve key(Scale to PC)	Used to transfer product information from Scale to PC
6		Field key	Configure the fields display in the product section.

❖ Product Item Description

No.	Item	Description
1	Product number	PLU Number will be generate automatically or enter 3 digit numeric characters 001~300
2	Product Code	Enter code of the PLU. 20 numeric characters
3	Product Name	Enter name of the PLU. 10 alphanumeric characters
4	Product Type	Select measuring type,1.WEIGH ; 2.PIECES ; 3.PERCENT
5	High	Enter high limit value
6	Low	Enter low limit value
7	Unit	Select weighing units kg or g
8	Unit weight (g)	Enter unit weight for piece counting
9	STD. weight (kg)	Enter standard weight for percentage weighing
10	Label format	Select the label format from the drop down list,it has 3 label formats
11	Pre-Tare	Enter pre-tare value of the PLU. 6 numeric characters
12	Remark1	Enter product remark information,20 alphanumeric characters
13	Remark2	Enter product remark information,20 alphanumeric characters
14	Remark3	Enter product remark information,20 alphanumeric characters

6.1. Add product information

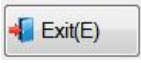
Before add product information,it's required to configure the items of product information

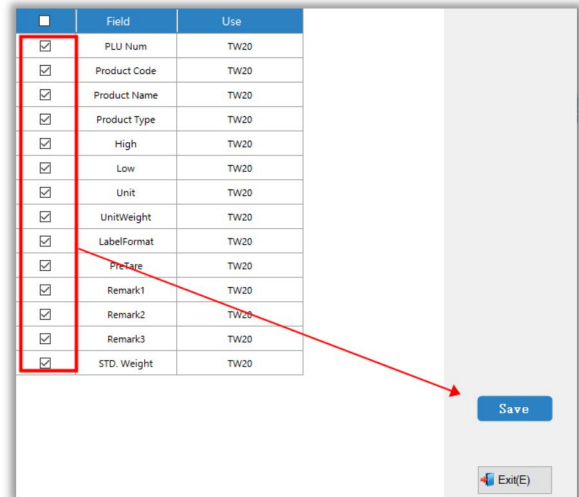
- 1 Click  key ,the field interface will open as a new window.

	Field	Use
☒	PLU Num	TW20
☒	Product Code	TW20
☒	Product Name	TW20
☒	Product Type	TW20
☒	High	TW20
☒	Low	TW20
☒	Unit	TW20
☒	UnitWeight	TW20
☒	LabelFormat	TW20
☒	PreTare	TW20
☒	Remark1	TW20
☒	Remark2	TW20
☒	Remark3	TW20
☒	STD. Weight	TW20

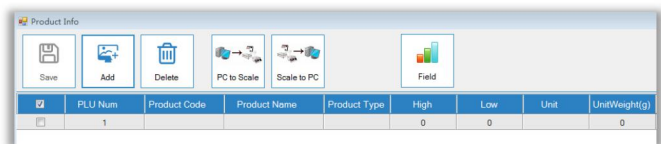
- 2 Selected field for TW20 use and Click

 key to save updated field information.

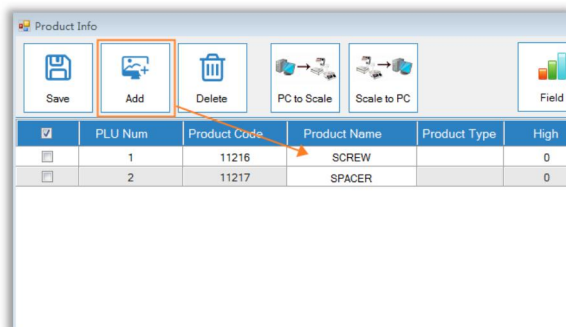
- 3 Click the  key to exit this function.



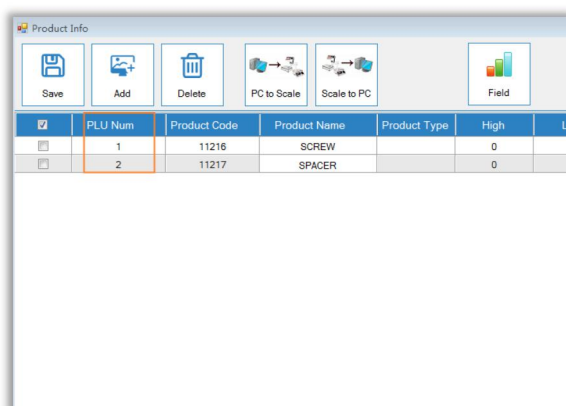
- 4 The field will be displayed in the product section, usually show in the first line.



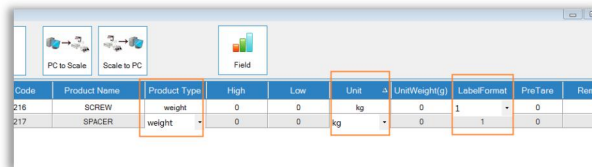
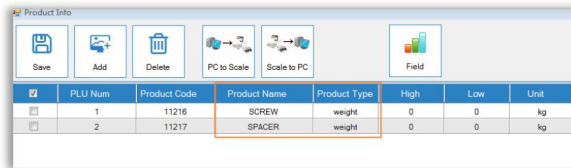
- 5 Click  key to add product information.



- 6 PLU number will be generated automatically.

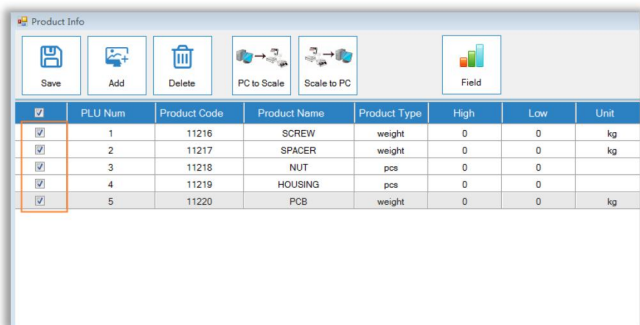


- 7 Product code and name are required fields for a newly added product,click blank field to enter.
- 8 Other product information can also be set here.
- 9 Product type 、 Unit type and label format are required to select from the list.

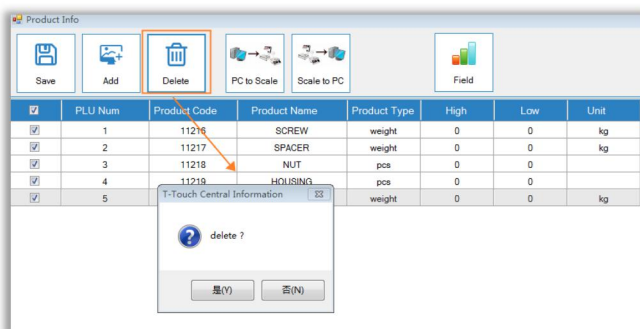


6.2. Delete product information

- 1 Select products

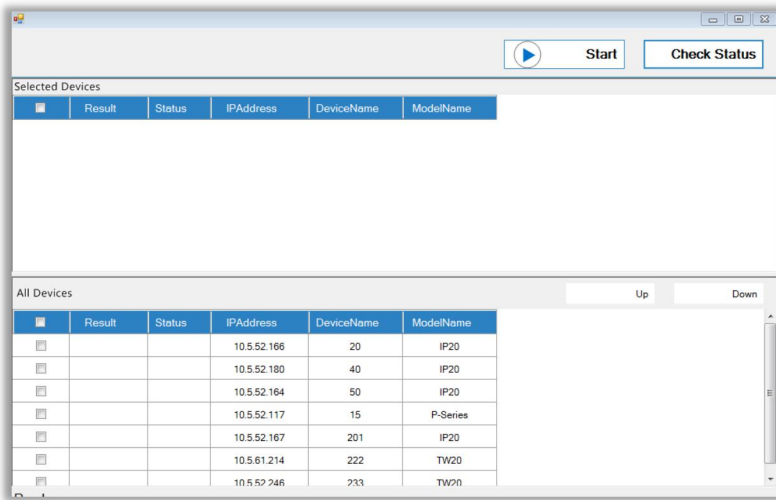


- 2 Click  key ,click “yes” to confirm,click “No” to cancel



6.3. Downloading product information to scales

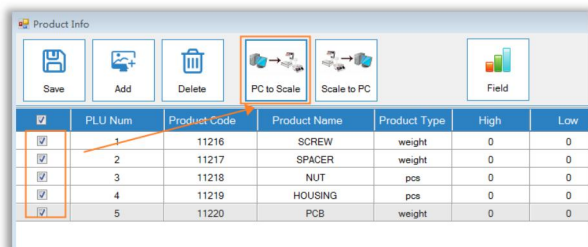
It allows the user to down product information to scales from the back office software.



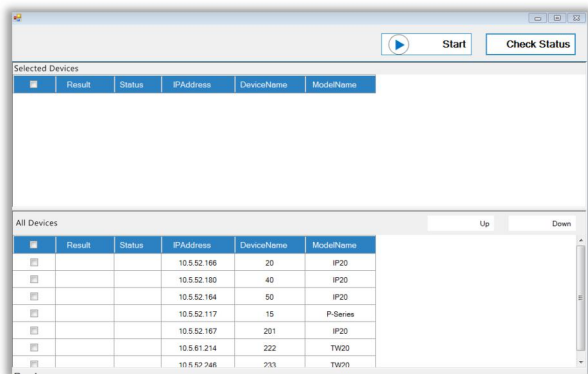
Start	Start to transfer product information to scales
Check Status	To check status of scale, whether it online or offline
Up	Move up to selected devices
Down	Move down to selected devices

Operation:

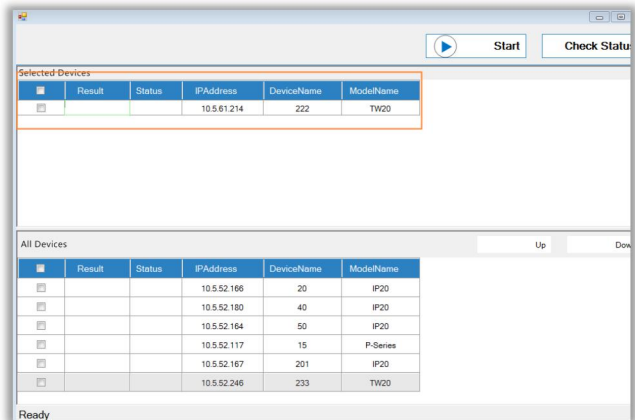
- 1 Select the product to be updated.



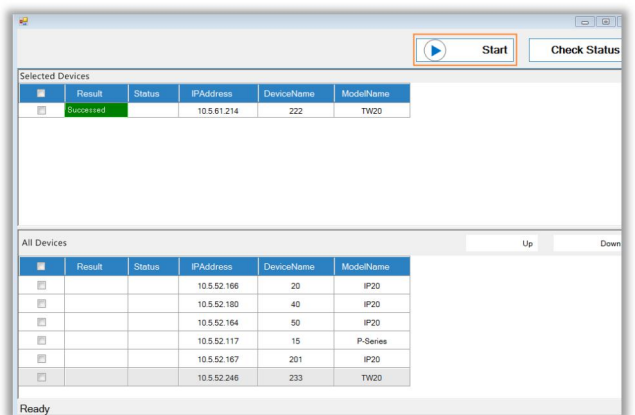
- 2 Click  key to send product information to scales



- 3 The connected scales will be displayed for selection.
- 4 Double click the connected scales, or selected the connected scale ,click UP key it will be moved to top of screen

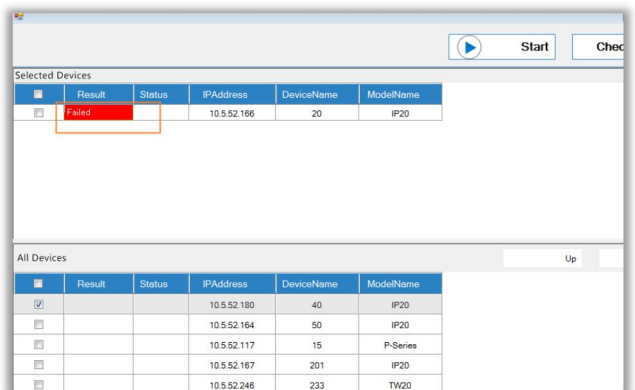


- 5 Selected the connected scales, Click  key to continue the transfer process.



- 6 If down to scale successful, succeed prompt in green background will displayed in the result field.

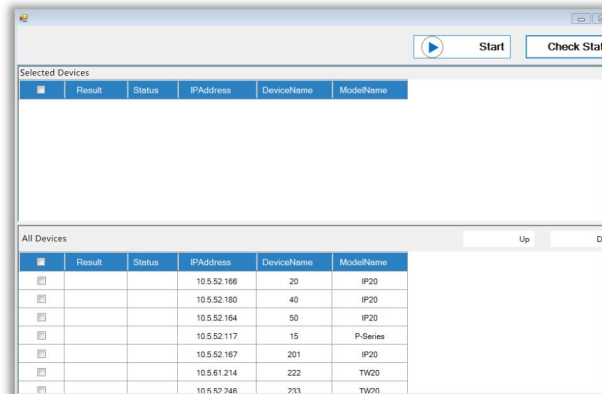
- 7 If failed to down to scale, failed prompt in red background will displayed in the result field.



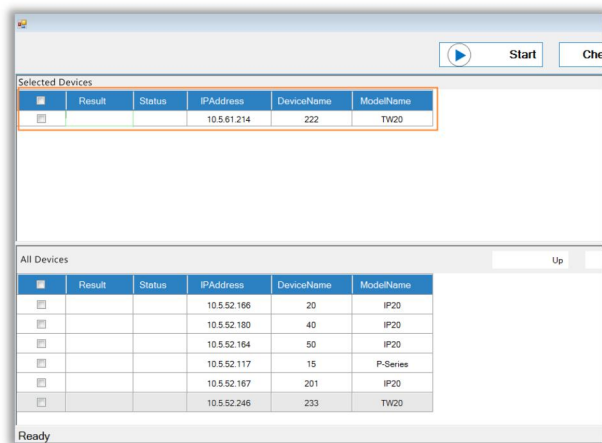
6.4. Retrieve product information from scales

It allows the user to retrieve product information from selected scales.

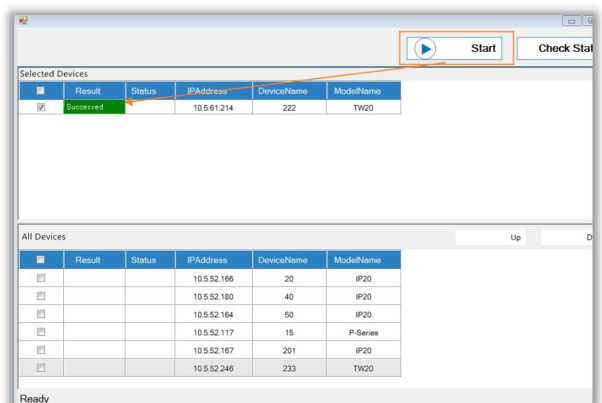
- 1 Click  key to retrieve



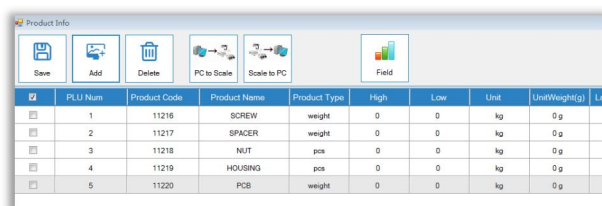
- 2 The connected scales will be displayed for selection.



- 3 Then click  key to continue the transfer process.



- 4 The product information will be displayed

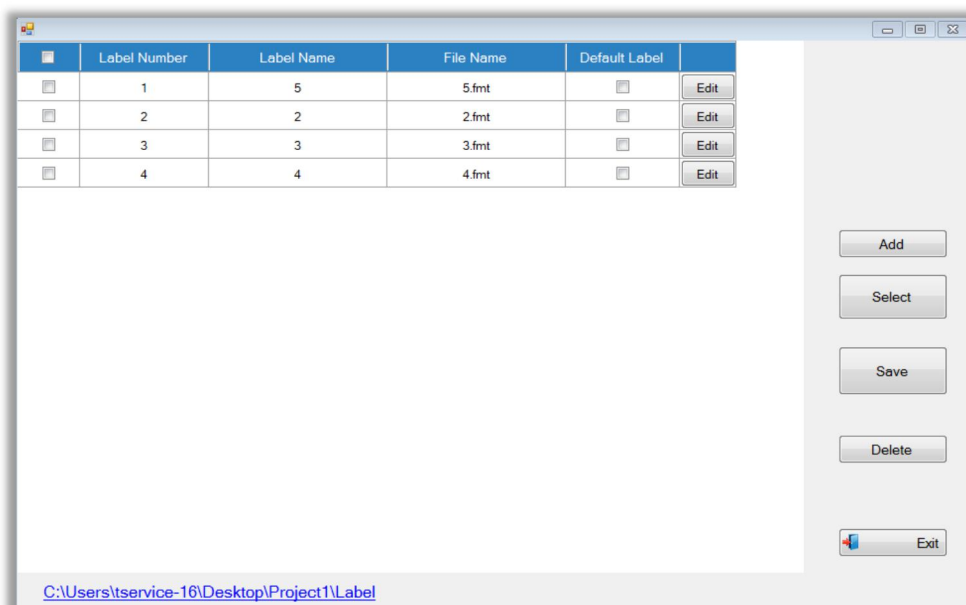


7. Label Print Formats

7.1 Label Formats Design

Label Design offers the user to design a label format and transfer the format to the scales.

Label design window can be opened by clicking the  icon in the main menu



❖ Function Keys

No.	Keys	Description
1	Add	Used to add a new label format
2	Select	Used to open a existing label format from computer
3	Save	Used to save new label format
4	Delete	Used to delete a selected label format
5	Exit	Used to exit the label format design function

❖ Item Description

Text	Text Box Variable.	
BarCode	BarCode Variable.	
QRCode	QRCode	Reserved Function
Product	Product Name	Product Variables. The label will display the product information corresponding to the selected product while using the scale.
	Product	Set in Product Information

	Product code	Product code Variables. The label will display the price information corresponding to the selected product and the weighed value while using the scale.
	Product Code	Reserved Function for SW15 series
	Company	
	Contact	
	Address	
	Scale No	Reserved Function for SW15 series
	Tare	Set in Product Information
Shape	Line	Straight Line. Drag across the label design to create a line on the label.
	Rectangle	
	Round	Rectangle;round
PCS	Reserved Function	
Net	Weight Variables. The label will display the weight information corresponding to the weighed value while using the scale. The “Net Value” will display the net weight or the quantity of the item based on the item’s information.	
Total Price	Total Price Variables. The label will display the weight information corresponding to the weighed value while using the scale. The “Total Price” will display the net weight or the quantity of the item based on the item’s information.	
Other	Reserved Function	

7.2. Add a New Label Format

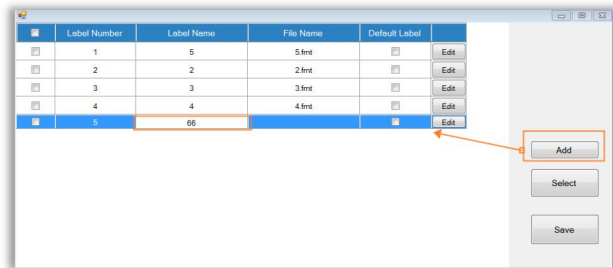
Each label will require a label name and label size. The label name will determine the name the user sees on the scale when they select a label, or when they assign a label to a product. The label size must match as closely to the actual label as possible.

7.2.1 Label Name and File Name

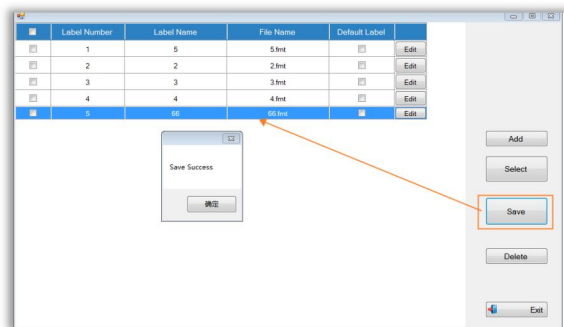
Each label consists of two identifiers: 1. Label Name 2. Format File Name.

- The label name can be input in the blank field.
- The format file name is required when saving the label format for the first time. It is the .fmt file name that will be stored on your local machine. For example, “example.fmt” is a valid format file name.

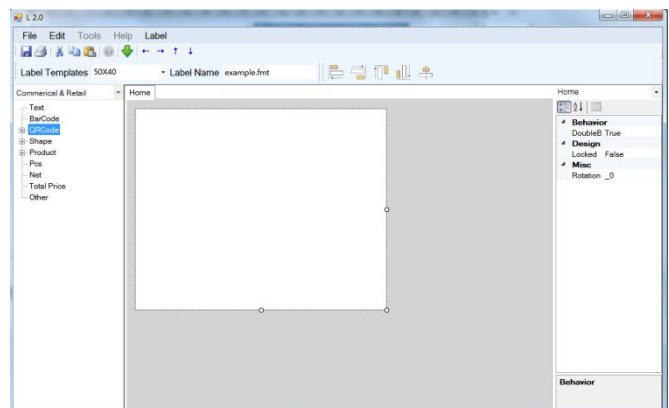
- 1 Click  key to add a new format to be edit, enter the label name



- 2 Click  key to save the new added format name



- 3 Click "YES" to confirm.
- 4 Click **Edit** key to edit the label format.



Note:

1. The label name and format file name must only contain English letters, numbers, spaces, and underscores.
2. Once added a new format , it must click "SAVE" key to save the format immediately , avoid editing it directly, or the software can not be worked well.

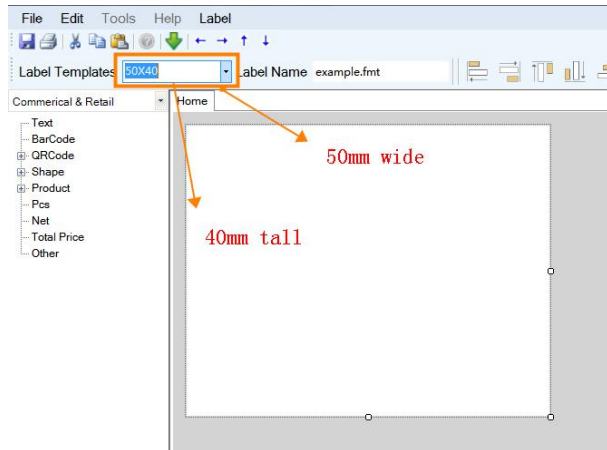
7.2.2 Label Size

A label size is required to be set for each label format. It must match as closely to the actual label that will be used.

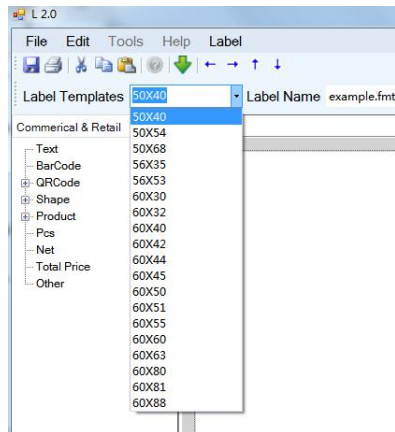
- 1 A label size consists of label width and label height.

For example, it is default to 50x40,

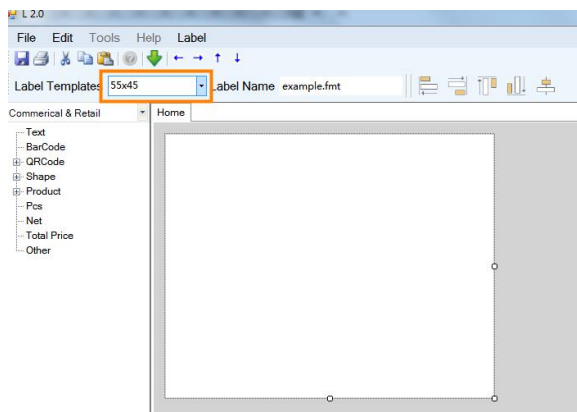
which means the label should be 50 mm wide and 40mm tall.



- 2 You may select a preset label template drop down.



- 3 Or you can click on the white area and input customized mm values; eg: 55x45



7.3 Barcode Formats Design

Currently, the supported barcode types are 1-dimension barcodes: EAN13, Code 128 .

- 1 A barcode format can be edit, Click



in the main menu

- 2 A barcode editor will pop up. Shown as picture

Multiple variables	Length	Alignment	Default Value	Delete

- 3 Click on the white area and add format name

Multiple variables	Length	Alignment	Default Value	Delete

- 4 Click "Add Row" key to add rows as you need

Multiple variables	Length	Alignment	Default Value	Delete
Fixed Text				Delete
				Delete
				Delete

5 Select the variables from drop down list

6 To set each length for the selected variables

4-digit Product code, 4-digit Net, 4-digit Fixed Text

7 To set each variables location in the total barcode

8 When finished,Click “Save Format”,the prompt “save success” will pop up,click “confirm” key to confirm

Delete:To delete each multiple variable

Delete Format: To delete the current barcode format

Multiple variables	Length	Alignment	Default Value	
Product_code	4	Left	1234	Delete
Net	4	Center	1234	Delete
Fixed Text	4	Center	1234	Delete

Save Success!

确定

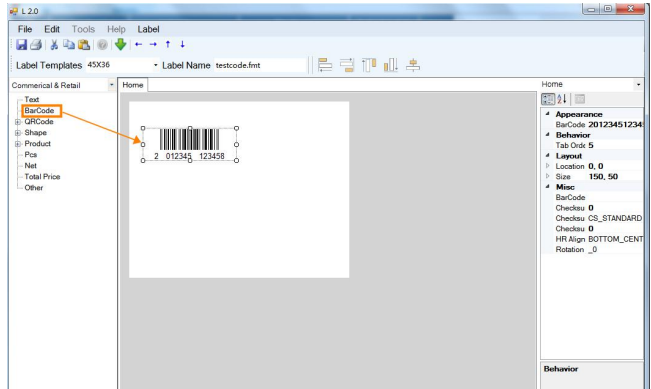
Note:

1.A variable can only be added when the barcode format did not exceed the maximum length.

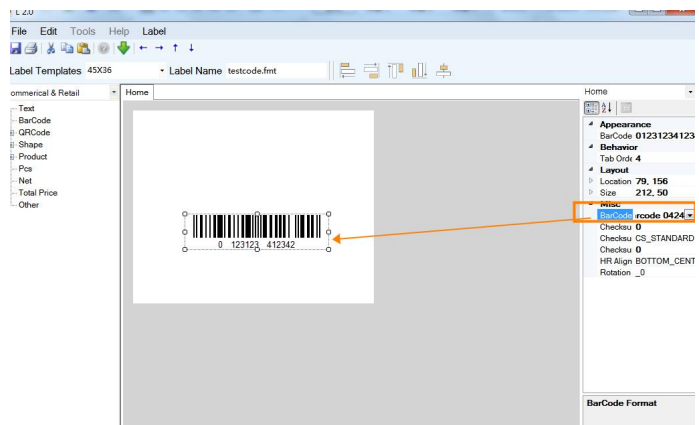
2.The barcode format must follow its rules. For example, and EAN13 format must end with a ‘C’, or “Barcode checksum” .

7.3.1. Add a barcode format to the label editor

- 1 Select “Barcode” and double click the Barcode tab, then a barcode image will appear on the label editor.



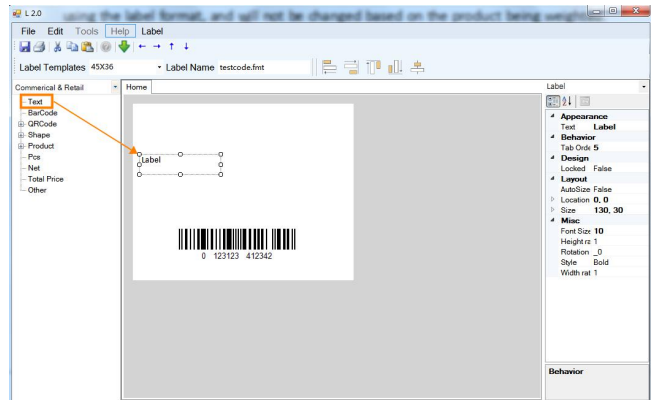
- 2 Click the selected barcode, choose the barcode format from drop down list ,that locating on the right side section.
- 3 The barcode format you desired will be displayed on label editor.
- 4 If necessary,Drag it to the positioning



7.4. Fixed Texts

A fixed text is preset to the value the label designer wants it to be. It will be fixed for all the labels using the label format, and will not be changed based on the product being weighted.

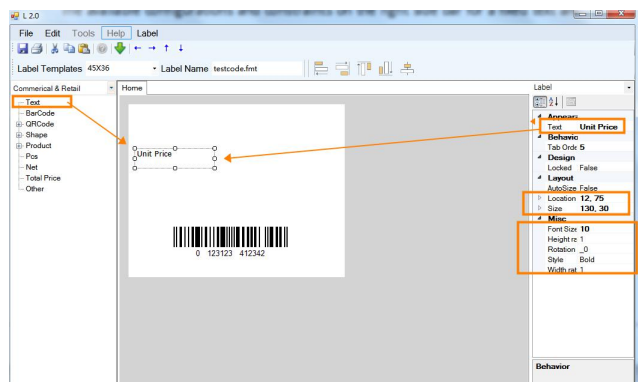
- 1 Select “Text” and double click the Text tab, then a label text will appear on the label editor.



- 2 Click the selected text

The available configurations and constraints on the right side bar for a fixed text are:

1. Font size: Minimum 10.
2. Text: Any text.
3. Location: Must be non negative values.
4. Size: Must be big enough to show the full text.
5. Height Ratio: Must be an integer.
6. Style: Regular ,Bold or colour.



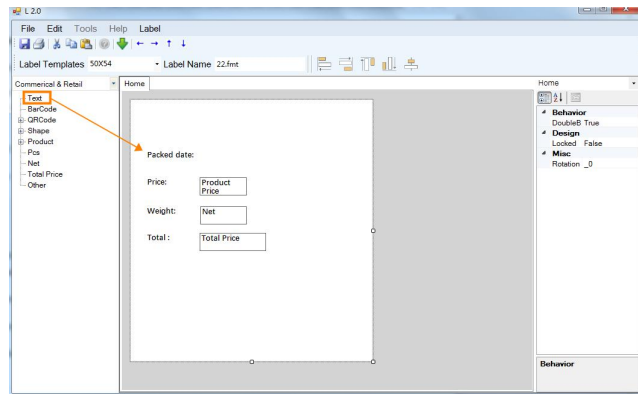
7.5. Add Data Variables

A data variable will display different values on the printed labels base on the real situation.

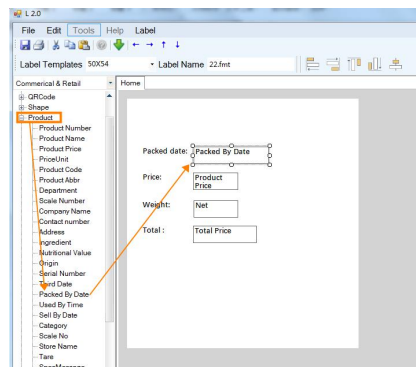
- 1 Select “Text” and double click the Text tab, then a label text will appear on the label editor.

Add fixed text (labels) as shown right:

Packed Date

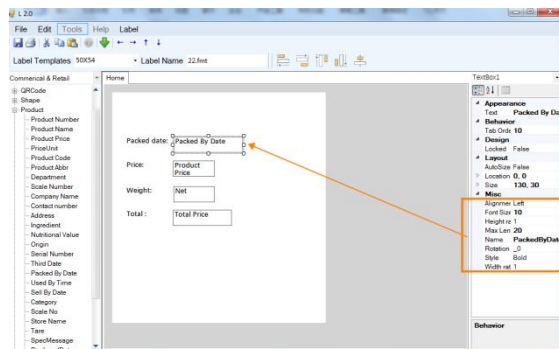


- 2 Select “Product” and double click the Packed By Date tab, then the date variable will appear on the label editor.



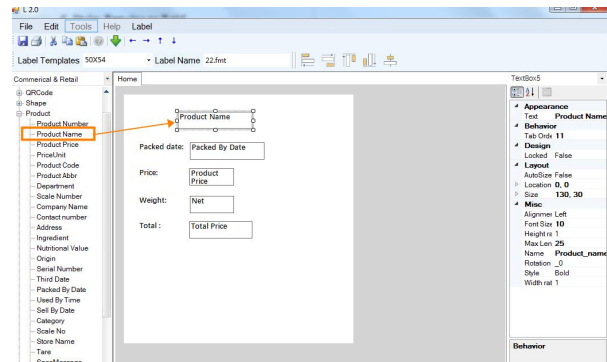
- 3 The available configurations and constraints on the right side bar for a data variable are:

1. Font size: Minimum 10.
2. Location: Must be non negative values.
3. Size: Must be big enough to show the full text.
4. Height Ratio: Must be an integer.
5. Alignment: Left, Center, or Right.
6. Style: Regular or Bold.

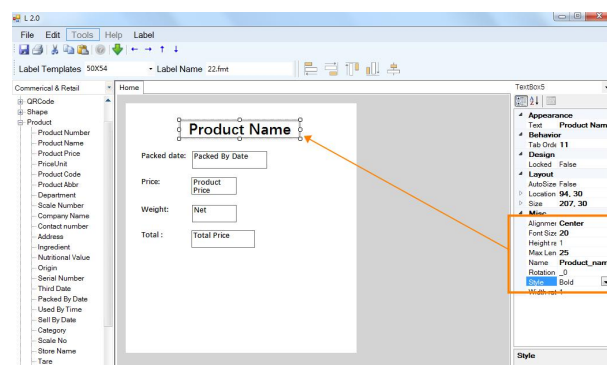


7.6. Add Product Name

- 1 Select “Product” and double click “Product name” tab to the label editor.



- 2 Changed the following values in the right hand bar:
- 3 Text Name (if required), Location, Size, Alignment, FontSize, Style as right:



7.7. Add weight

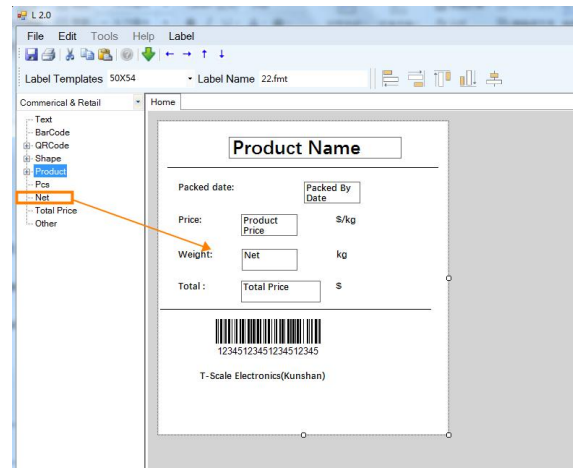
Net Value – Weight if weighted product & Count if piece counting product

Gross Weight of the weighted product

The Tare value used for the product

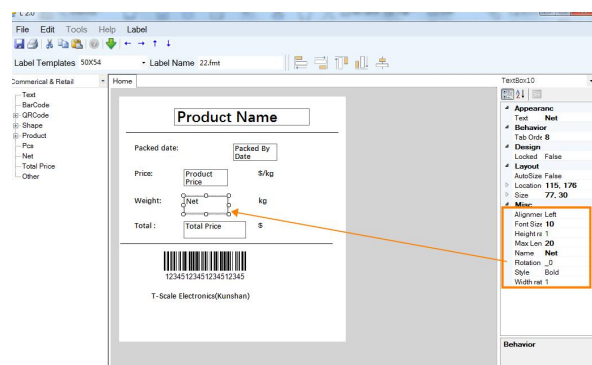
Unit of the weight, e.g. kg

- 1 Double click“Net” tab to the label editor.



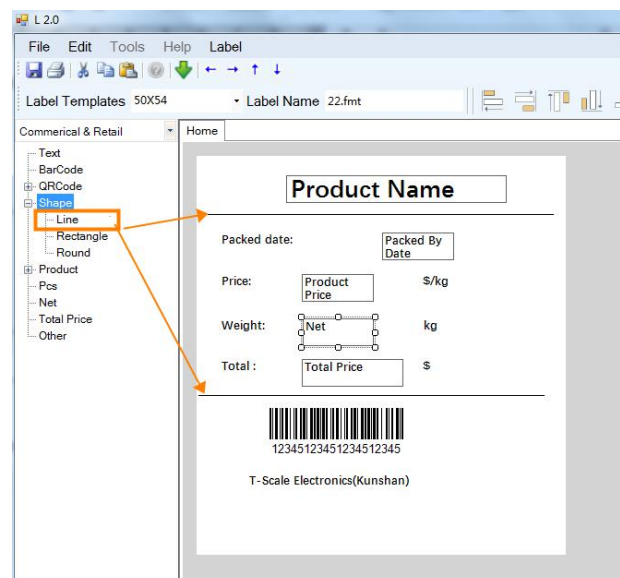
- 2 Add weight variable:

Adjust the font size, displayed text (This only affects the text in the label editor), and alignment.



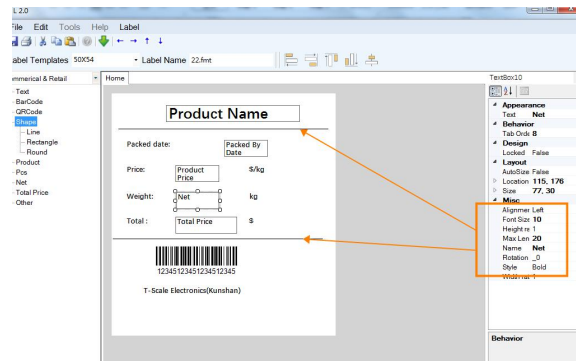
7.8. Add Shape

- 1 Select “Shape” and double click“Line” tab to the label editor.



The available configurations and constraints on the right side bar for a line are:

- **DashStyle:** can be choose the line style option from drop down list
- **LineWidth:** can be enter line thickness
- **Orientation:** Horizontal or Vertical



NOTE:

All components can be deleted, cut, copied, or pasted.

Select the components you wish to act upon.

1. Delete: Ctrl + Del
2. Cut: Ctrl + X
3. Copy: Ctrl + C
4. Paste: Ctrl + V

You may also perform these functions with right clicking on the selected component.

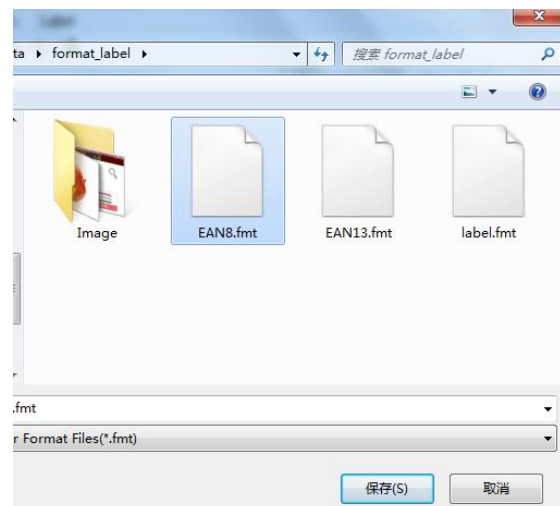
7.9. Saving a Label

Saving

To save a label, it works similar to most window software. You may go to:

1. “File”->”Save” or select  which will ask you where you want to store the new label files if the label is created for the first time, or save the file in the previously selected location.
2. “File” -> “Save As” which will allow the user to save the label files in a different location.

Image and “.fmt” Files



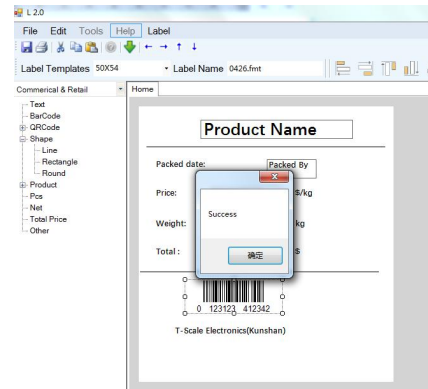
Once the label files are saved, two items will be created on your windows machine:

1. .fmt file. This file contains the information of the label format.

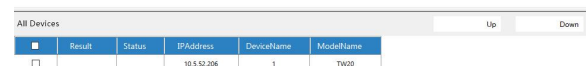
Note: It is recommended to the user to save all the label formats under the same folder, so it can be easier to manage.

7.10. Transferring a Label Format

- 1 Save the label format in your windows machine before transferring the label format to scale.
- 2 Make sure the targeted scales are in the same network as your windows machine.



- 3 Click on  button, then after a while, a list of available scale devices will pop up.

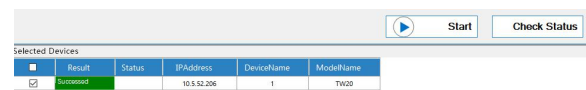


Ready

- 4 Double click the targeted scales, and press



. The label format will now be downloaded.

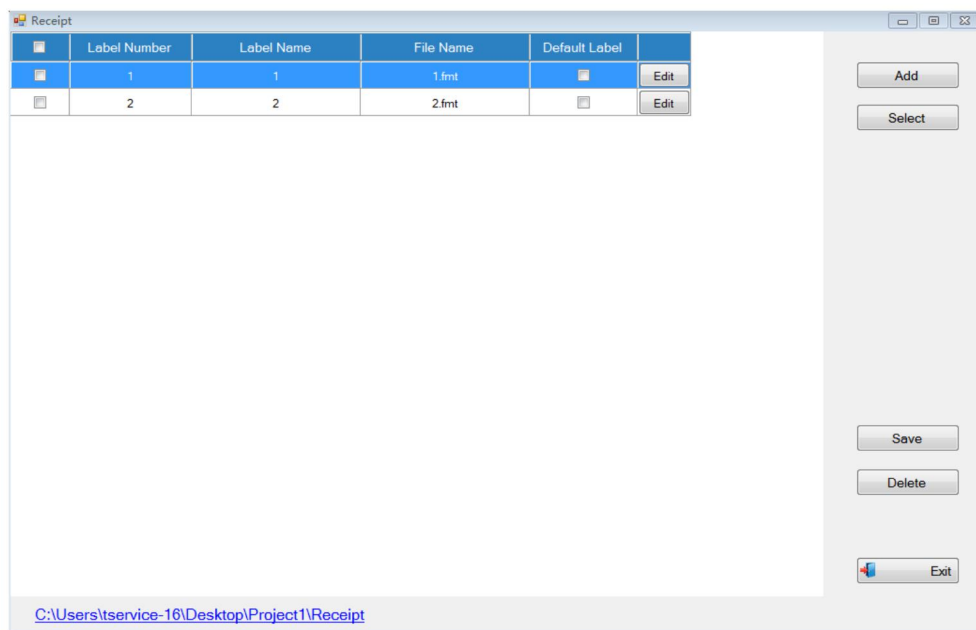


Ready

8 Receipt Formats Design

Receipt formats Design offers the user to design a receipt format and transfer the format to the scales.

Label design window can be opened by clicking the  icon in the main menu



❖ Function Keys

No.	Keys	Description
1	Add	Used to add a new label format
2	Select	Used to open a existing label format from computer
3	Save	Used to save new label format
4	Delete	Used to delete a selected label format
5	Exit	Used to exit the label format design function

❖ Item Description

Text	Text Box Variable.	
BarCode	BarCode Variable.	
Product	Product Name	Product Variables. The receipt will display the product information corresponding to the selected product while using the scale.

	Product Number	Generated automatically
	Product code	Product code Variables. The label will display the product code information corresponding to the selected product while using the scale.
	Date	Date of the receipt printed. Date format can be set in “System Settings”
	Time	Time of the receipt printed.
	High	High limit Variables,set in product information
	Low	Low limit Variables,set in product information
	Warning Results	Warning Results Variables.
	Total High	Total high limit Variables
	Total OK	Total ok Variables
	Total Low	Total low Variables
	Scale 1/2	Reserved function
	Gross	Gross Weight of the weighted product
	Net	Weight if weighted product & Count if piece counting product
	Tare	The pre-tare value used for the product
	Unit Weight	Unit Weight of the weighted product
	Unit Weight Unit	The unit of unit weight
	Weight Unit	The weighing units of weighted product
	Percentage Unit	The percentage unit of weighted product
	List Number	Reserved function
Other	Company Name	Configured in system settings > terminal info
	Department No	
	Scale No	
	Address	
	Phone	
Page	Header 1	Configured in 4.Print,reports &data > 1.Print configuration > 1.Header &footer
	Header 2	
	Header 3	
	Footer 1	
	Footer 2	
	Footer 3	
Total	Total Items	Total item Variables
	Total Gross	Total gross Variables
	Total Net	Total net Variables

	Total Tare	Total tare Variables
	Total Counts	Total counts Variables

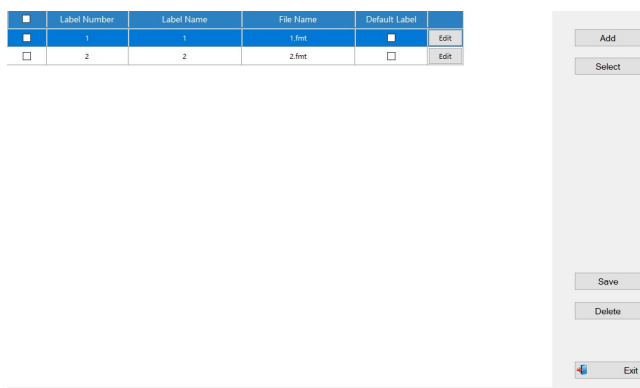
8.1. Add a New Receipt Format

The receipt name will determine the name the user sees on the scale when they select a receipt, when they assign a receipt to a product.

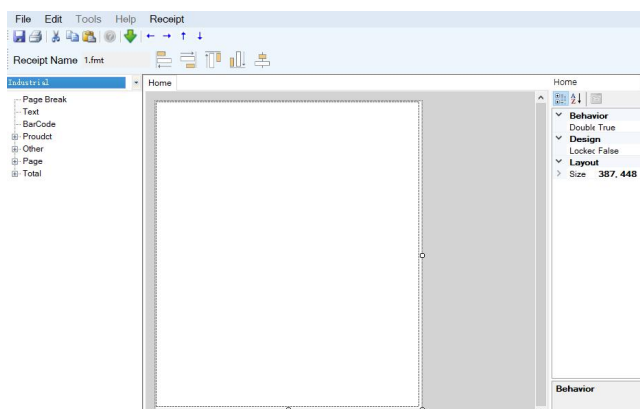
8.1.1 Receipt Name and File Name

Each receipt consists of two identifiers: 1. Receipt Name 2. Format File Name.

- 1 The receipt name can be input in the blank field.
- 2 The format file name is required when saving the label format for the first time. It is the .fmt file name that will be stored on your local machine. For example, “example.fmt” is a valid format file name.



- 5 Click Edit key to edit the receipt format.



Note: The receipt name and format file name must only contain English letters, numbers, spaces, and underscores.

8.2 Barcode Formats Design

Currently, the supported barcode types are 1-dimension barcodes: EAN13, Code 128 .

- 1 A barcode format can be edit, Click



in the main menu

- 2 A barcode editor will pop up. Shown as picture

- 3 Click on the white area and add format name

- 4 Click "Add Row" key to add rows as you need

- 5 Select the variables from drop down list
- 6 To set each length for the selected variables
- 7 4-digit quantity, 4-digit Net, 4-digit Fixed Text
- 8 To set each variables location in the total barcode

Multiple variables	Length	Alignment	Default Value	
Fixed Text	4	Left	1234	Delete
Quantity	4	Center	1234	Delete
Net	4	Right	1234	Delete

- 9 When finished, Click "Save Format", the prompt "save success" will pop up, click "confirm" key to confirm

Delete: To delete one of the multiple variable

Delete Format: To delete the current barcode format

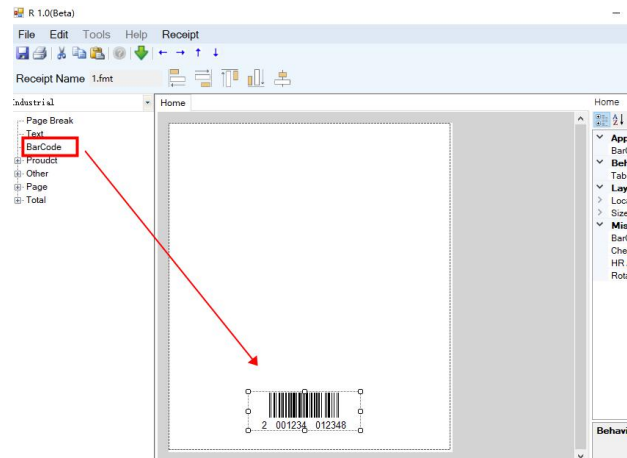
Multiple variables	Length	Alignment	Default Value	
Fixed Text	4	Center	1234	Delete
Quantity	4	Center	1234	Delete
Net	4	Center	1234	Delete

Note:

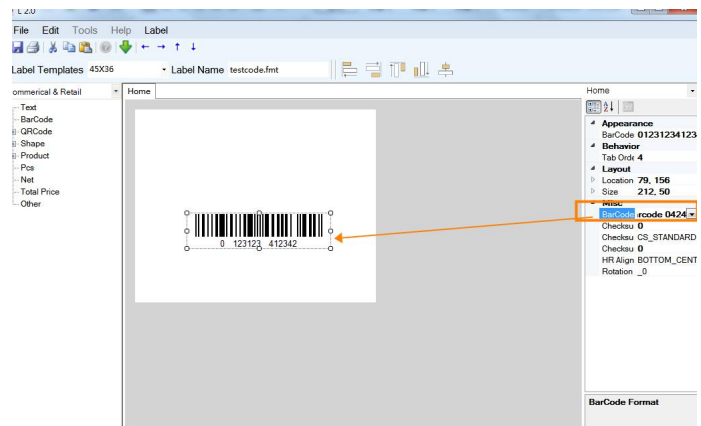
1. A variable can only be added when the barcode format did not exceed the maximum length.
2. The barcode format must follow its rules. For example, and EAN13 format must end with a 'C', or "Barcode checksum" .

8.3. Add a barcode format to the receipt editor

- 1 Select “Barcode” and double click the Barcode tab, then a barcode image will appear on the label editor.



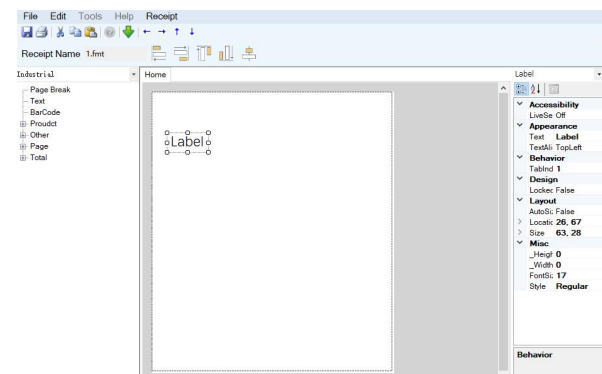
- 2 Click the selected barcode, choose the barcode format from drop down list ,that locating on the right side section.
- 3 The barcode format you desired will be displayed on receipt editor.
- 4 If necessary,Drag it to the positioning



8.4. Fixed Texts

A fixed text is preset to the value the label designer wants it to be. It will be fixed for all the labels using the label format, and will not be changed based on the product being weighted.

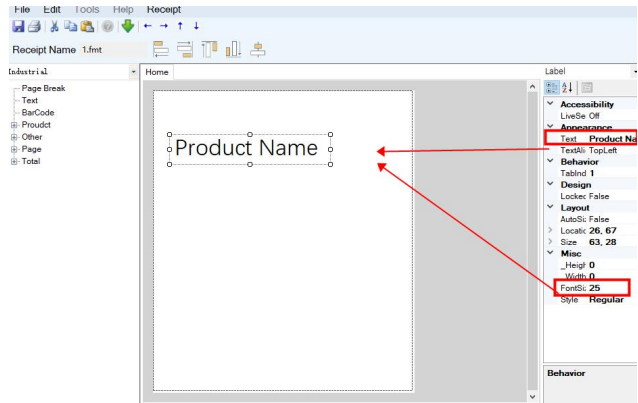
- 1 Select “Text” and double click the Text tab, then a label text will appear on the label editor.



2 Click the selected text

The available configurations and constraints on the right side bar for a fixed text are:

1. Font size: Minimum 10.
2. Text: Any text.
3. Location: Must be non negative values.
4. Size: Must be big enough to show the full text.
5. Height Ratio: Must be an integer.
6. Style: Regular or Bold.

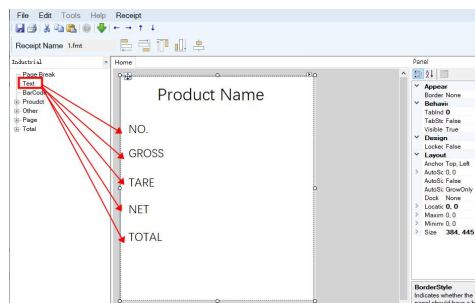


8.5. Add Data Variables

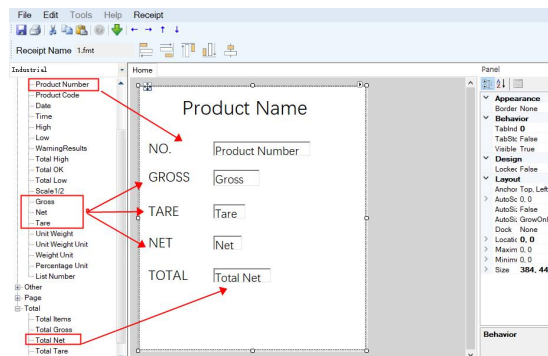
A data variable will display different values on the printed receipt base on the real situation.

Select “Text” and double click the Text tab, then a label text will appear on the label editor.

Add fixed text (labels) as shown right:

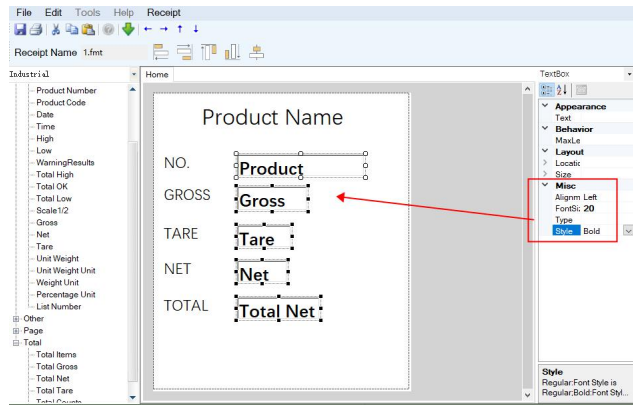


Select “Product” and double click the corresponding items, then the date variable will appear on the label editor.



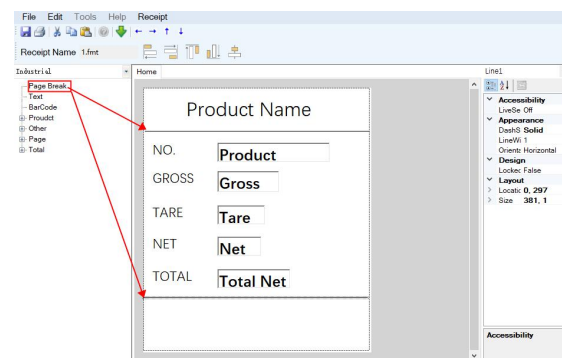
4 The available configurations and constraints on the right side bar for a data variable are:

1. Font size: Minimum 10.
2. Location: Must be non negative values.
3. Size: Must be big enough to show the full text.
4. Height Ratio: Must be an integer.
5. Alignment: Left, Center, or Right.
6. Style: Regular or Bold.



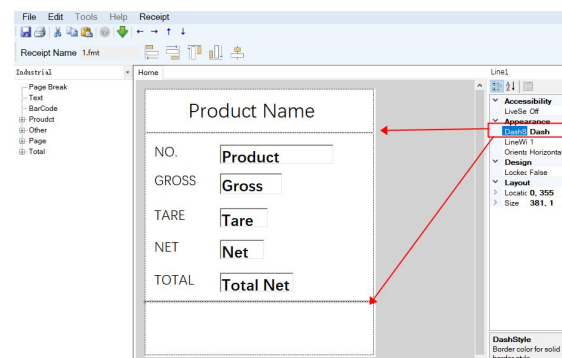
8.6. Add Shape

Double click "Page Break" tab to the receipt editor.



The available configurations and constraints on the right side bar for a line are:

- DashStyle: can be choose the line style option from drop down list
- LineWidth: can be enter line thickness
- Orientation: Horizontal or Vertical



NOTE:

All components can be deleted, cut, copied, or pasted.

Select the components you wish to act upon.

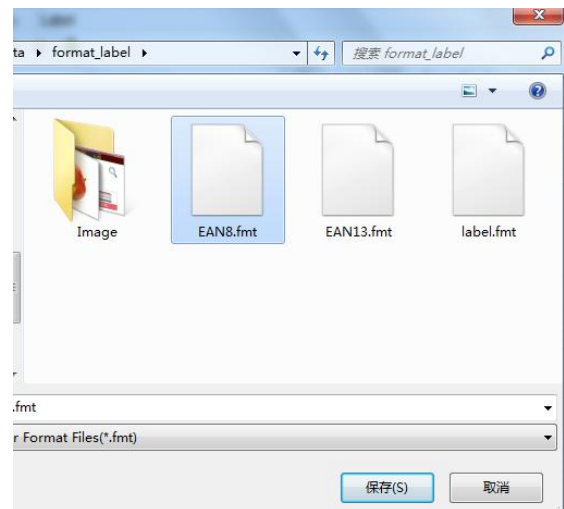
1. Delete: Ctrl + Del
2. Cut: Ctrl + X
3. Copy: Ctrl + C
4. Paste: Ctrl + V

You may also perform these functions with right clicking on the selected component.

8.7. Saving a receipt**Saving**

To save a receipt, it works similar to most window software. You may go to:

1. “File”->”Save” or select  which will ask you where you want to store the new receipt files if the receipt is created for the first time, or save the file in the previously selected location.
2. “File” -> “Save As” which will allow the user to save the label files in a different location.

Image and “.fmt” Files

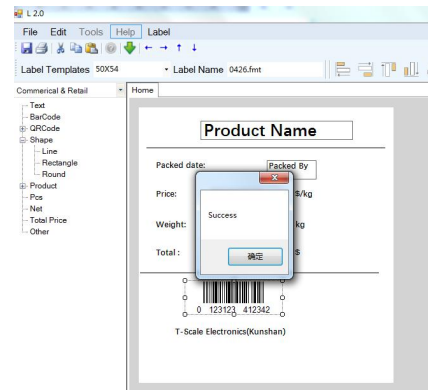
Once the receipt files are saved, two items will be created on your windows machine:

1. .fmt file. This file contains the information of the receipt format.

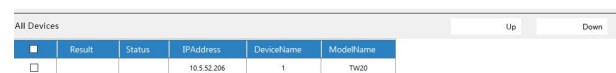
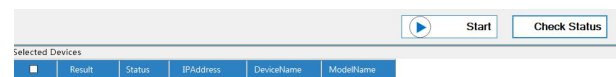
Note: It is recommended to the user to save all the receipt formats under the same folder, so it can be easier to manage.

8.8. Transferring a receipt Format

- 1 Save the label format in your windows machine before transferring the label format to scale.
- 2 Make sure the targeted scales are in the same network as your windows machine.

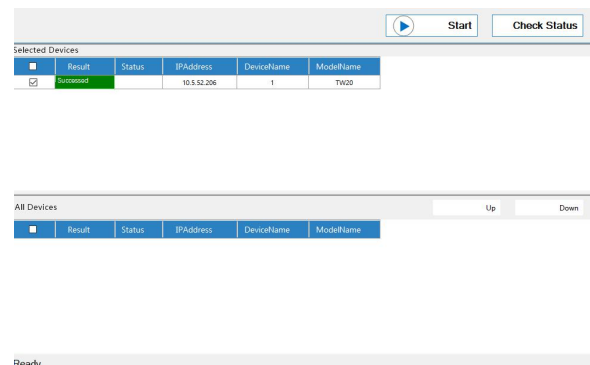


- 3 Click on  button, then after a while, a list of available scale devices will pop up.



Ready

- 4 Double click the targeted scales, and press . The receipt format will now be downloaded.



Ready

9. Reports

It allows the user to open the report management window by clicking  icon in the main menu .The report include 3 parts, Daily Report; Product Report ; Operator Report.

Report

Start Date: 2021年 1月 5日 End Date: 2021年 1月 5日 Search

☒ Daily Report
☐ Product Report
☐ Operator Report

Start Date: 2021年 1月 5日 End Date: 2021年 1月 5日

Scale to PC

Date	Time	SN	PLUNumber	Name	Type	Hi	Low	Tare	Net
------	------	----	-----------	------	------	----	-----	------	-----

Total Items: 0 Total Net: 0 Export (.csv)

9.1 Daily Report

- 1 Select **Daily Report** key to check the current daily report,
- 2 Select the start date and end date
- 3 Click "Scale to PC ", the daily report will be transferred to the back office

Start Date: 2021年 3月 8日 End Date: 2021年 3月 8日 Search

☒ Daily Report
☐ Product Report
☐ Operator Report

Start Date: 2021年 3月 8日 End Date: 2021年 3月 8日

Scale to PC

Date	Time	SN	PLUNumber	Name	Type	Hi	Low	Tare	Net
2021-03-08	11:46:35	1	0					0.000 kg	
2021-03-08	11:46:43	2	0					0.000 kg	
2021-03-08	11:49:22	1	0					0.000 kg	
2021-03-08	11:55:07	1	1					0.000 kg	
2021-03-08	11:55:14	2	1					0.000 kg	
2021-03-08	11:55:30	3	1					0.000 kg	
2021-03-08	11:55:32	4	1					0.000 kg	
2021-03-08	11:55:34	5	1					0.000 kg	
2021-03-08	11:55:36	6	1					0.000 kg	
2021-03-08	11:55:39	7	1					0.000 kg	

Total Items: 10 Total Net: 7.441 Export (.csv)

- 4 Click "Export" key to save to the computer in a csv file

9.2 Product Report

- 1 Select **Product Report** key to check the product report, .
- 2 Select the start date and end date
- 3 Click "Scale to PC ", the daily report will be transferred to the back office

Product: ALL Search

☐ Daily Report
☒ Product Report
☐ Operator Report

Start Date: 2021年 3月 8日 End Date: 2021年 3月 8日

Scale to PC

PLUNumber	Name	Total Items	Total Weight	Total Pcs
0		3	2.464	0
1		7	4.977	0

Total Items: 2 Total Net: 7.441 Export (.csv)

- Click “Export” key to save to the computer in a csv file

9.3 Operator Report

- Select **Operator Report** key to check the product report
- Select the start date and end date
- Click “Scale to PC”, the daily report will be transferred to the back office
- Click “Export” key to save to the computer in a csv file

10. Software Updating

This function allows the user to send update patch to the scales.



Send file window can be opened by clicking the **Soft Update** icon in the main menu

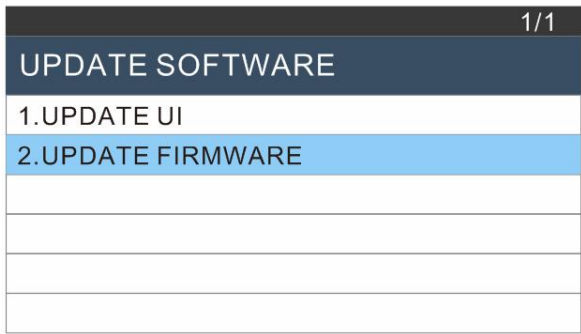
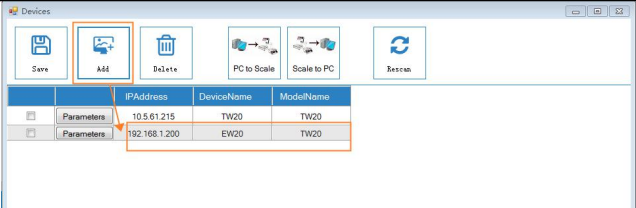
Click on the button then select the matching .bin file.

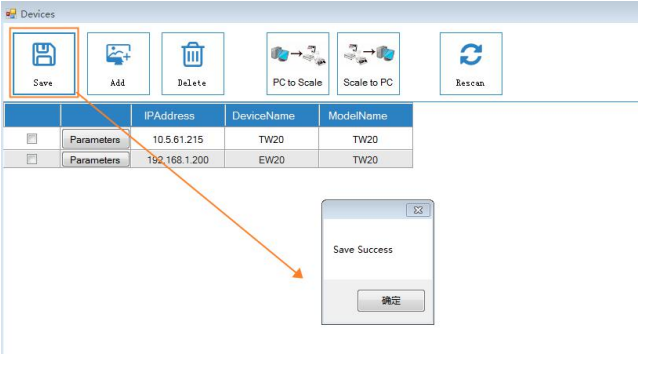
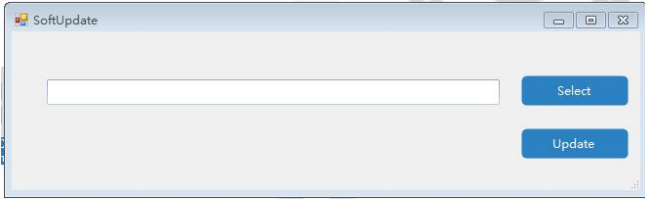
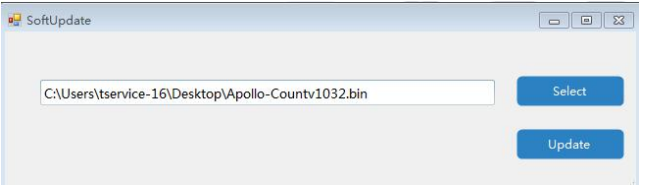
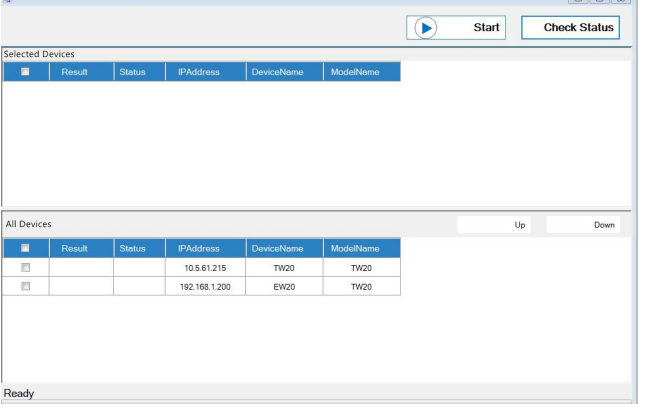
Before updating the software, it's required to select the corresponding setup menu in the scale, the detail steps as follow:

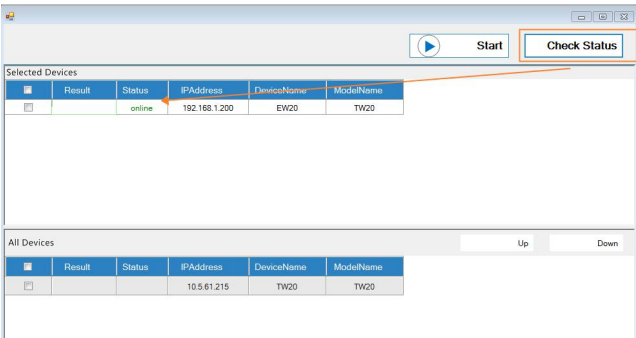
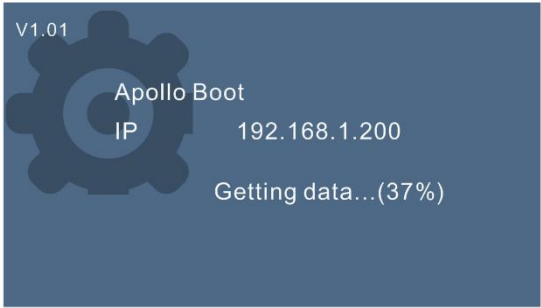
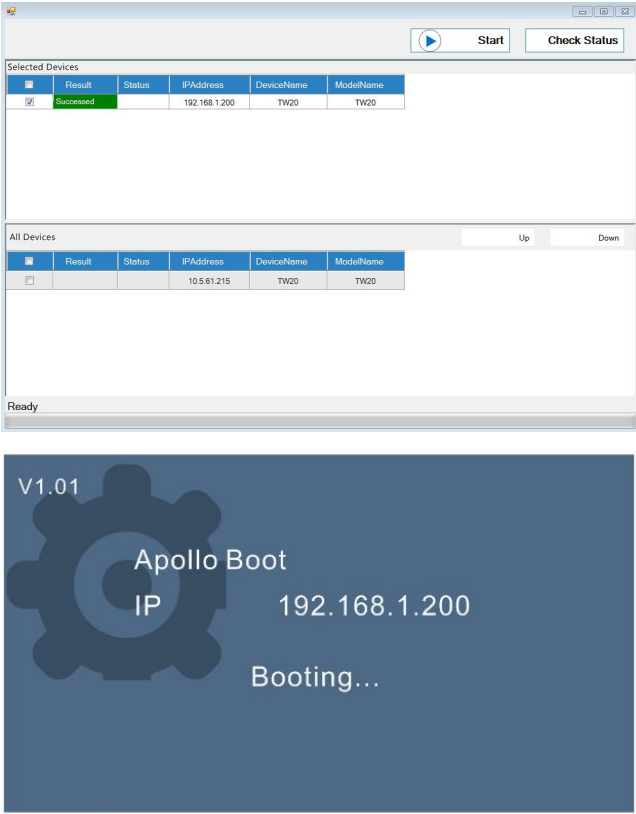
- Press  key to enter the main menu.
- Press  key to select **5.INTERFACE**, Press  Key to enter;

1/1	
MAIN	
1.SYSTEM SETTINGS	
2.ADVANCED SETTINGS	
3.PRODUCT INFO	
4.PRINT,REPORTS&DATA	
5.INTERFACE	
6.SERVICE	

3 Press  key to select 2.ETHERNET. Press  Key to enter;	1/1 INTERFACE <table> <tr><td>1.SERIAL</td><td></td></tr> <tr><td>2.ETHERNET</td><td></td></tr> <tr><td>3.BLUETOOTH</td><td></td></tr> <tr><td>4.RESET TO DEFAULT</td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>	1.SERIAL		2.ETHERNET		3.BLUETOOTH		4.RESET TO DEFAULT					
1.SERIAL													
2.ETHERNET													
3.BLUETOOTH													
4.RESET TO DEFAULT													
4 Input the IP address as per the network you set. 5 The mask will be generated automatically 6 The gateway should be in the same network,the last number must be input 1	1/1 ETHERNET <table> <tr><td>1.IP ADDRESS</td><td>10.5.52.252</td></tr> <tr><td>2.MASK</td><td>255.255.255.0</td></tr> <tr><td>3.GATEWAY</td><td>10.5.52.1</td></tr> <tr><td>4.PHYSICAL ADDRESS</td><td>20.00.00.00.00.03</td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>	1.IP ADDRESS	10.5.52.252	2.MASK	255.255.255.0	3.GATEWAY	10.5.52.1	4.PHYSICAL ADDRESS	20.00.00.00.00.03				
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7 Press  key 2 times to back to set up menu. 8 Press  key to select 6.SERVICE, Press  Key to enter;	1/1 MAIN <table> <tr><td>1.SYSTEM SETTINGS</td><td></td></tr> <tr><td>2.ADVANCED SETTINGS</td><td></td></tr> <tr><td>3.PRODUCT INFO</td><td></td></tr> <tr><td>4.PRINT,REPORTS&DATA</td><td></td></tr> <tr><td>5.INTERFACE</td><td></td></tr> <tr><td>6.SERVICE</td><td></td></tr> </table>	1.SYSTEM SETTINGS		2.ADVANCED SETTINGS		3.PRODUCT INFO		4.PRINT,REPORTS&DATA		5.INTERFACE		6.SERVICE	
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9 Press  key to select 4.UPDATE SOFTWARE 10 Press  key to enter;	1/1 SERVICE <table> <tr><td>1.VERSION INFO</td><td></td></tr> <tr><td>2.SYSTEM SERVICE</td><td></td></tr> <tr><td>3.CALIBRATION PARAMETERS</td><td></td></tr> <tr><td>4.UPDATE SOFTWARE</td><td></td></tr> <tr><td>5.HARDWARE TEST</td><td></td></tr> <tr><td>6.RESET ALL</td><td></td></tr> </table>	1.VERSION INFO		2.SYSTEM SERVICE		3.CALIBRATION PARAMETERS		4.UPDATE SOFTWARE		5.HARDWARE TEST		6.RESET ALL	
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11 Press  key to select 2.UPDATE FIRMWARE, 12 Press  key to enter;	
13 A prompt “waiting connection” show on the scale .	
14 Double click the T-TOUCH central. exe ,Run on the back office software. 15 Click  [Device Management]key	
16 Click [Add] key to enter the IP address as per the IP showed on the scale 17 Set the device name as you desired. 18 Select the Mode name from the drop down list.	

19 Once configured the information,click [SAVE] key to confirm.	
20 Click  [Soft Update] to update the firmware.	
21 Click [Select] button to select the new application software to be updated from your PC. The file name must be ended with .bin as follows Apollo-Countv10xx.bin	
22 Click [Update] button,It will pop up a status update window. 23 Double click the device to be updated 24 If necessary , click [check status] to check the selected device status	

	 The screenshot shows the TTC software interface. At the top right, there are 'Start' and 'Check Status' buttons. Below them is a table titled 'Selected Devices' with columns: Result, Status, IPAddress, DeviceName, and ModelName. The table contains one row with status 'online', IP '192.168.1.200', and device name 'TW20'. Below this is another table titled 'All Devices' with the same columns, containing one row with IP '10.5.61.215' and device name 'TW20'. The 'Check Status' button is highlighted with a red box.
25 Select the targeted scales, and click . The software file will now be transferred to scales.	 The screenshot shows the 'Apollo Boot' screen. It displays 'V1.01' at the top left, a gear icon in the center, and the text 'Getting data...(37%)' at the bottom right. The IP address '192.168.1.200' is also visible.
26 When a prompt “Booting” appears on the scale and the selected device status is succeed ,it indicate that the software updating is completed.In a while, scale will be restart and come to normal weighing mode.	 The screenshot shows the TTC software interface. The 'Selected Devices' table now shows the device with status 'Successed'. Below the table, there is a 'Ready' status indicator. Below the software interface, there is a screenshot of the 'Apollo Boot' screen. It displays 'V1.01' at the top left, a gear icon in the center, and the text 'Booting...' at the bottom right. The IP address '192.168.1.200' is also visible.

