BARCODE LABEL SCALE

PC SOFTWARE MANAGEMENT

Pinnacle Technology Corp.

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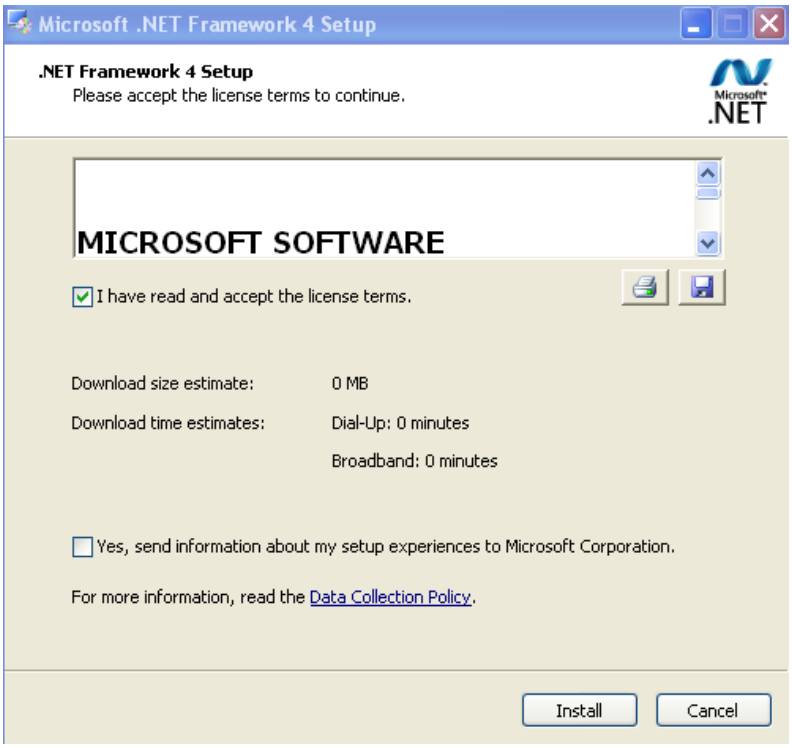
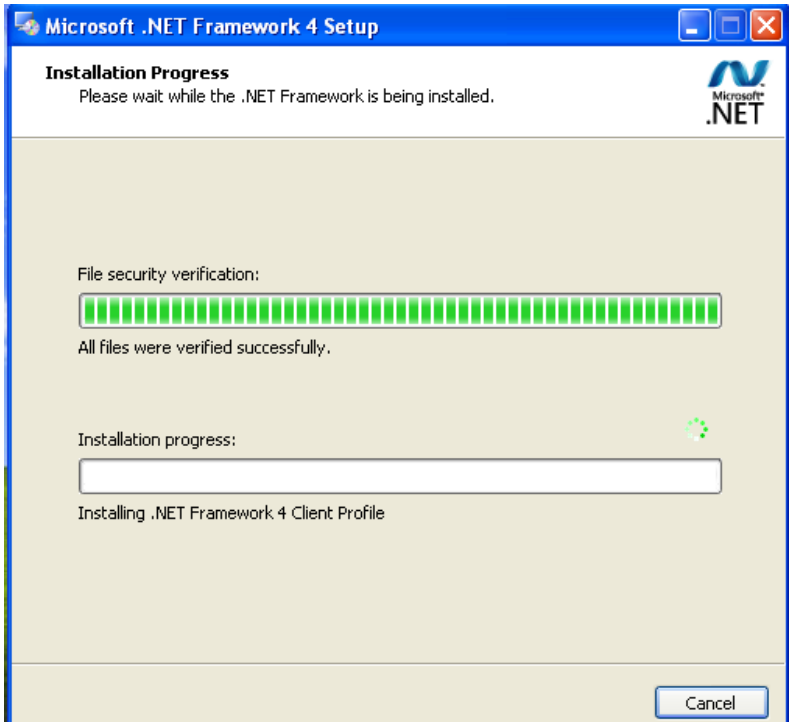
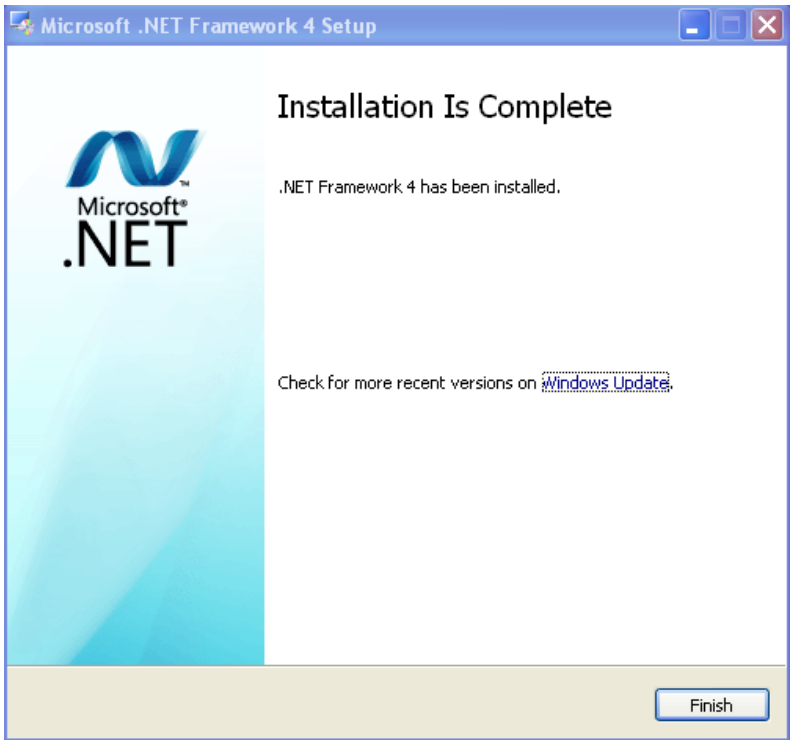
1 INSTALLATION

1.1 Driver Installation

You should install the driver before you install the software. Double click the “dotNetFx40_Full_x86_x64.exe”, then you will see the below interface:

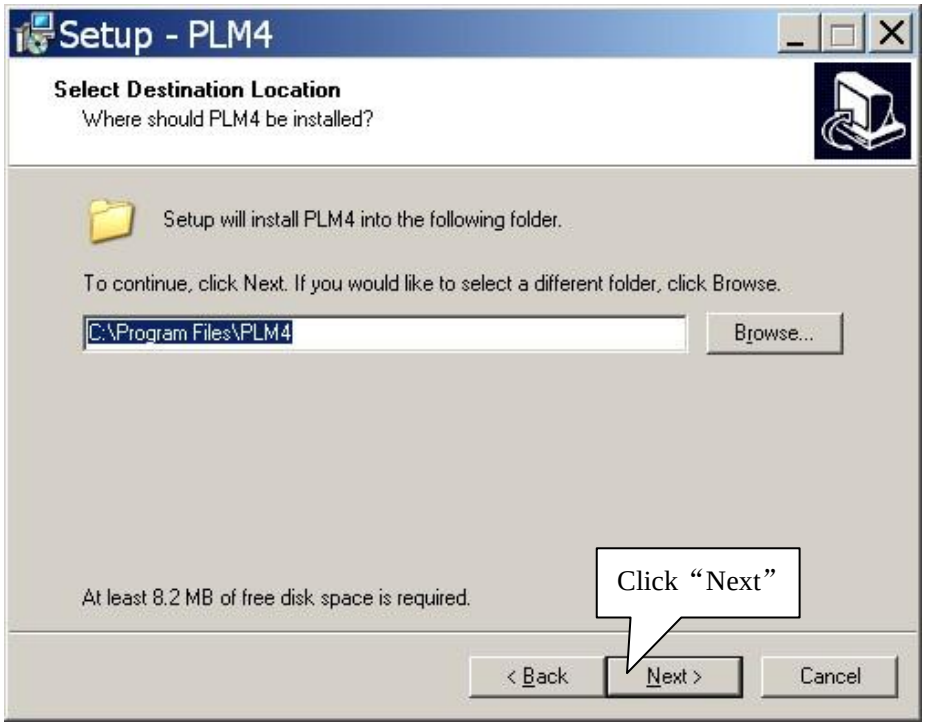


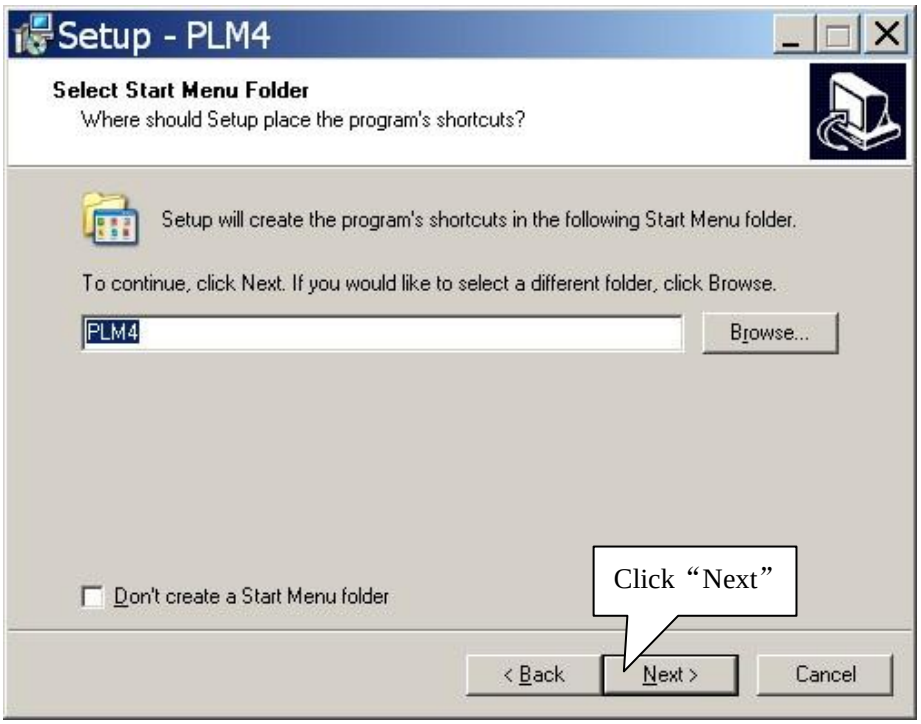


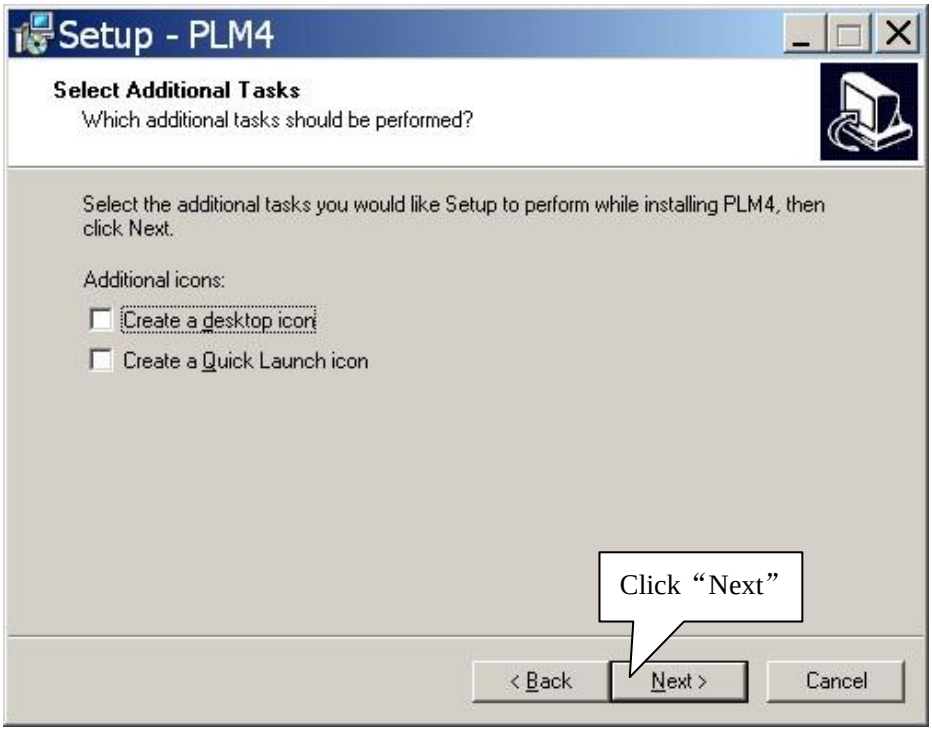

Microsoft .NET Framework 4 Setup
Installation Is Complete
.NET Framework 4 has been installed.
Check for more recent versions on Windows Update.
Finish

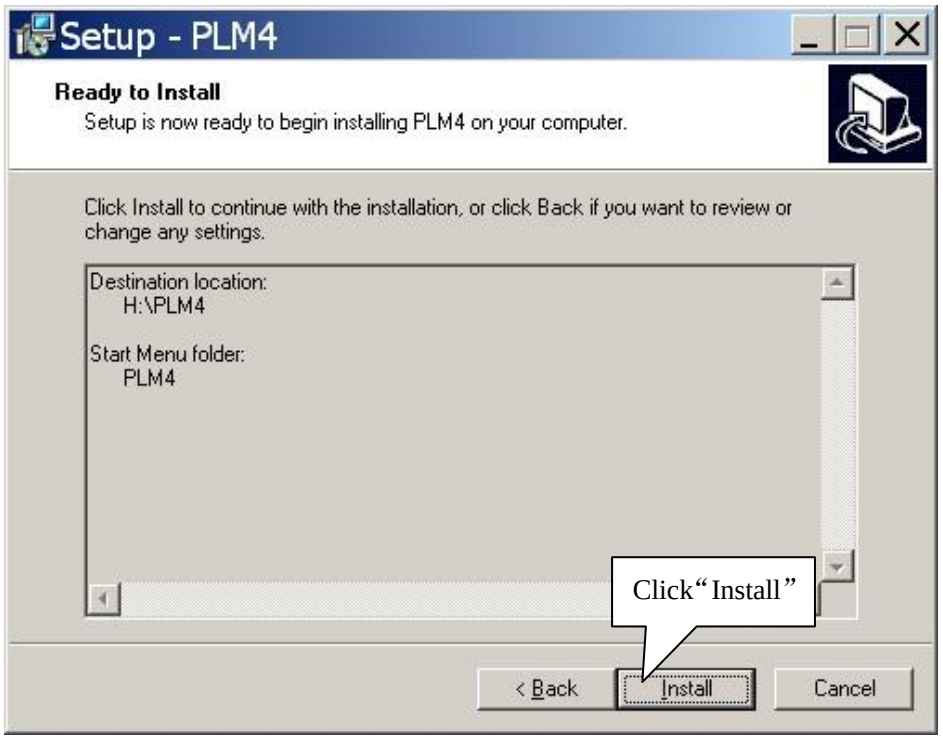
1.2 Program Installation

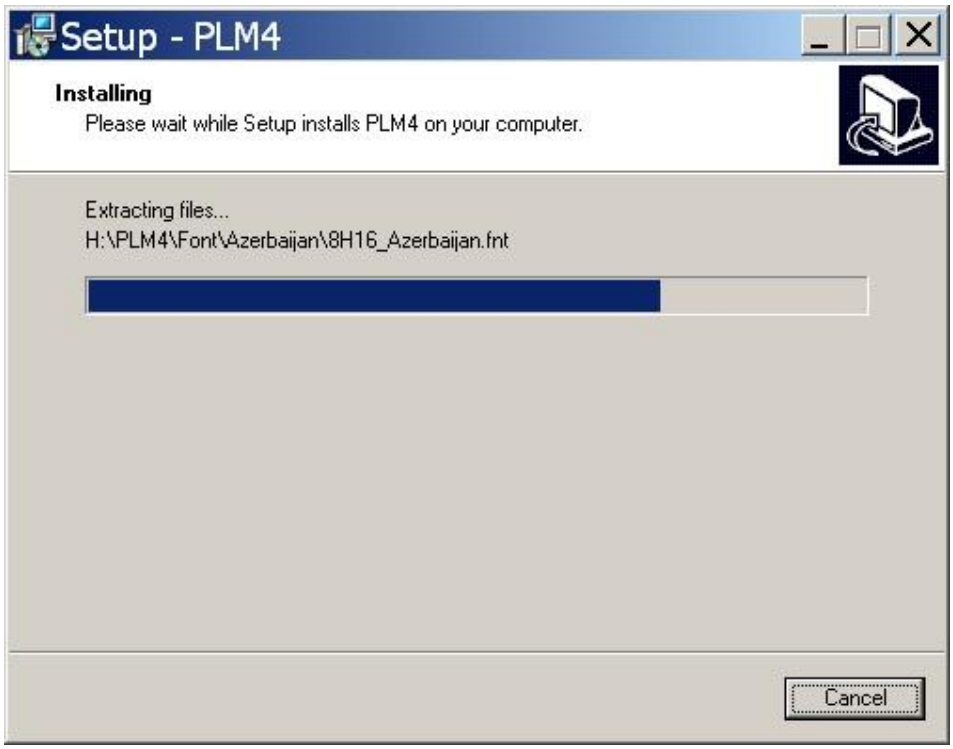
Double click “setup.exe”，and then you will see below interface:




Setup - PLM4
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
PLM4
Browse...
Don't create a Start Menu folder
Click "Next"
< Back
Next >
Cancel


Setup - PLM4
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing PLM4, then click Next.
Additional icons:
Create a desktop icon
Create a Quick Launch icon
Click "Next"
< Back
Next >
Cancel


Setup - PLM4
Ready to Install
Setup is now ready to begin installing PLM4 on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Destination location:
H:\PLM4
Start Menu folder:
PLM4
Click“Install”
< Back
Install
Cancel


Setup - PLM4
Installing
Please wait while Setup installs PLM4 on your computer.
Extracting files...
H:\PLM4\Font\Azerbaijan\8H16_Azerbaijan.fnt
Cancel

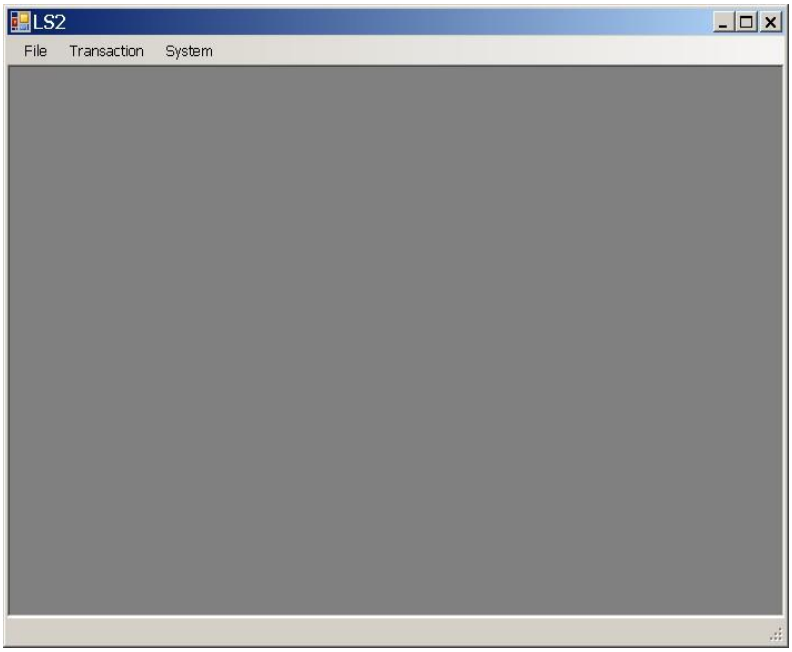
Setup - PLM4
Completing the PLM4 Setup Wizard
Setup has finished installing PLM4 on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Launch PLM4
Finish

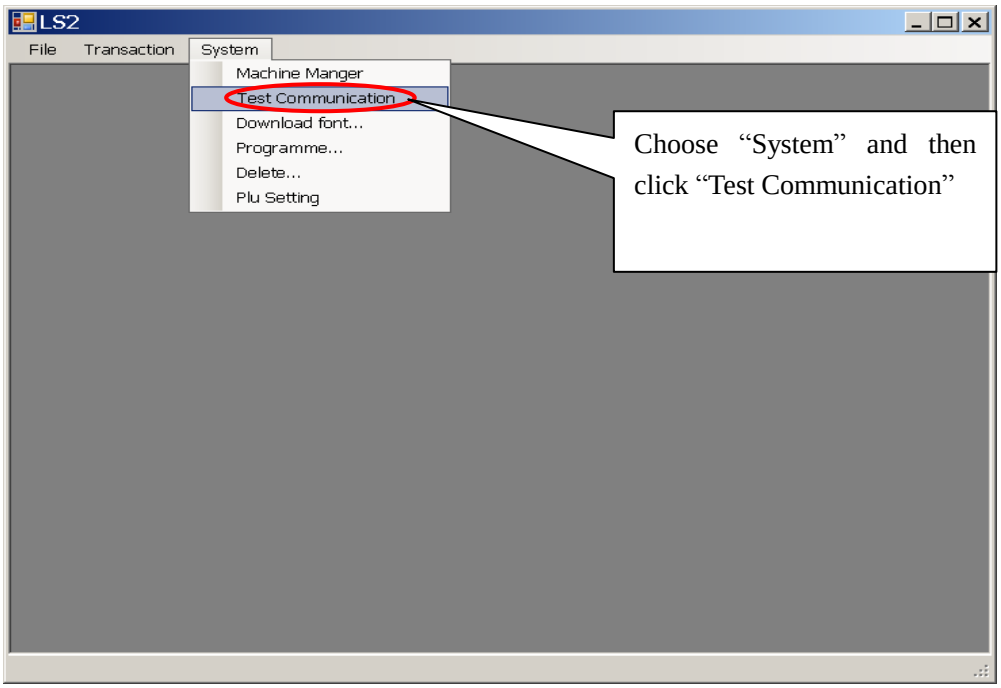
2 Link scale to PC

1. Connect scale to PC: Via Ethernet port
2. Communication Test

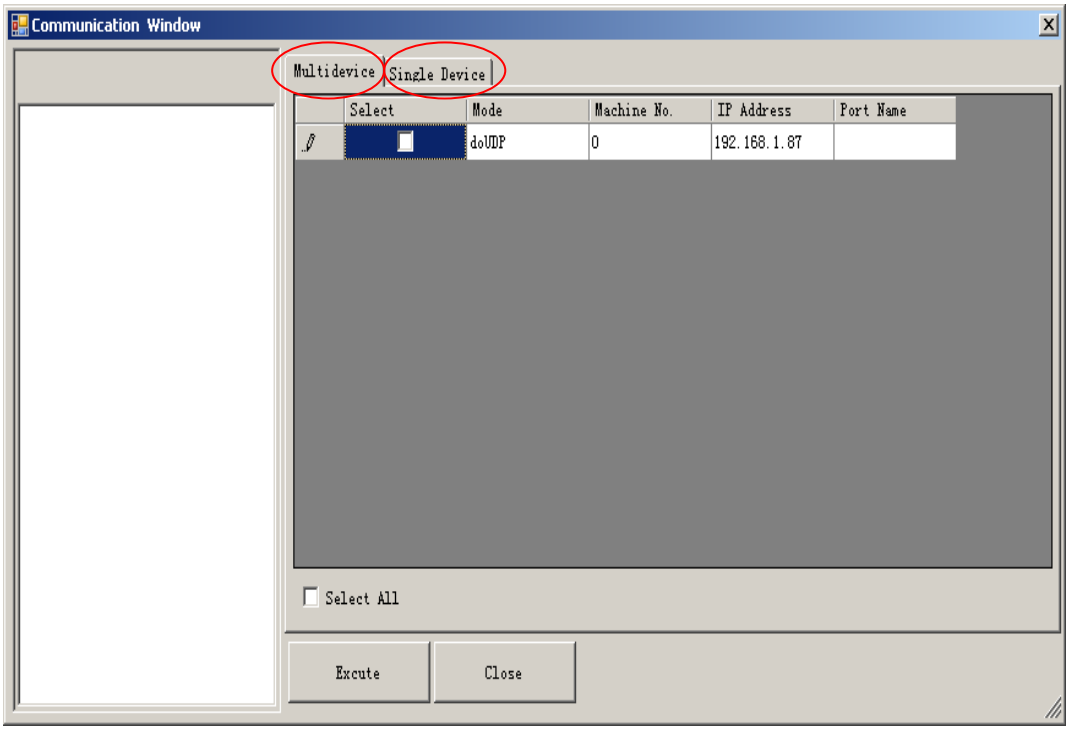
   Double click LS2.exe, and then you can see below interface:

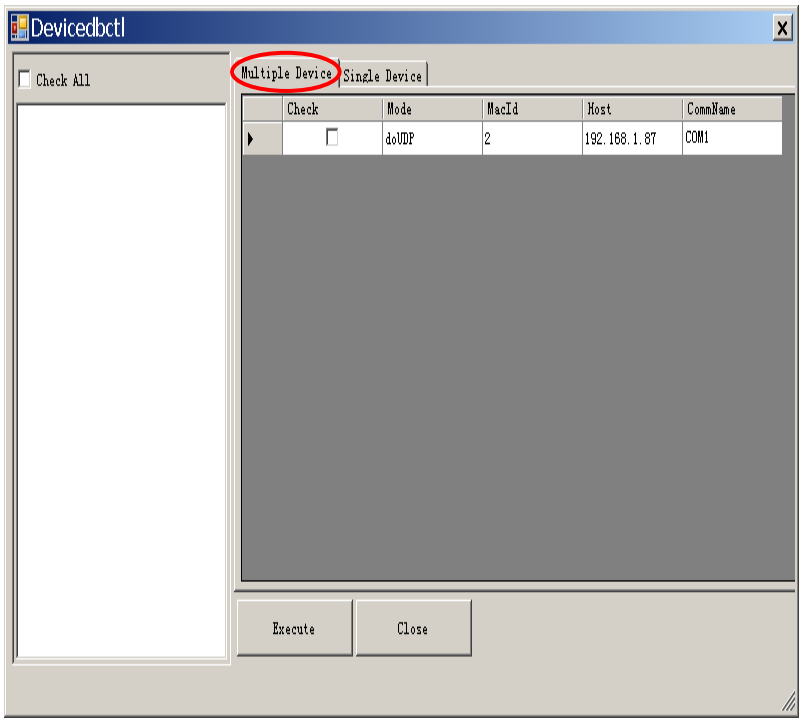
The default user name is '**admin**' and password is '**123**'.

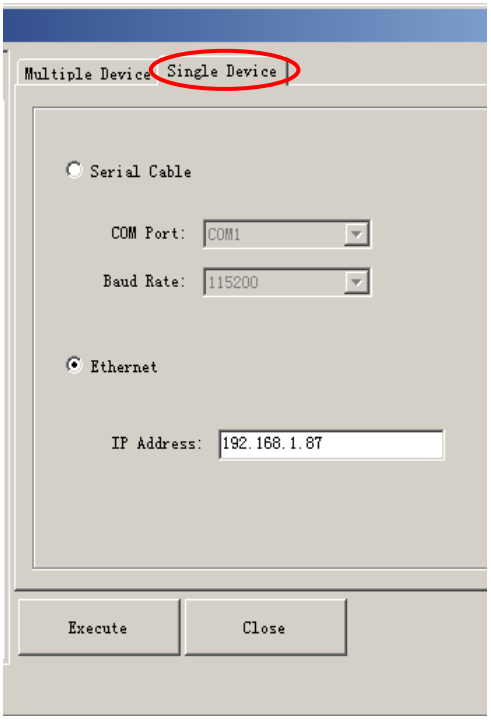


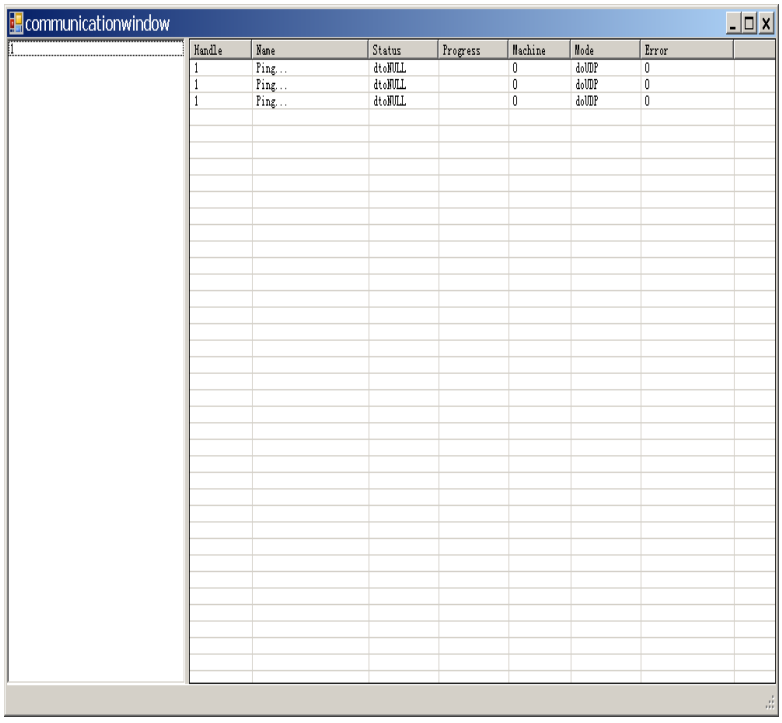


You can choose “single device” or “multidevice” at your need and click “execute” to confirm.



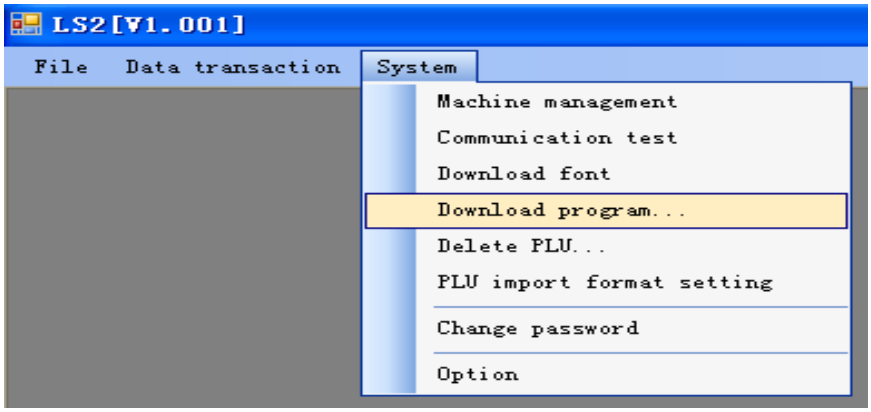

Devicedbctl
Check All
Multiple Device
Single Device
Check
Mode
MacId
Host
CommName
doUDP
2
192.168.1.87
COM1
Execute
Close

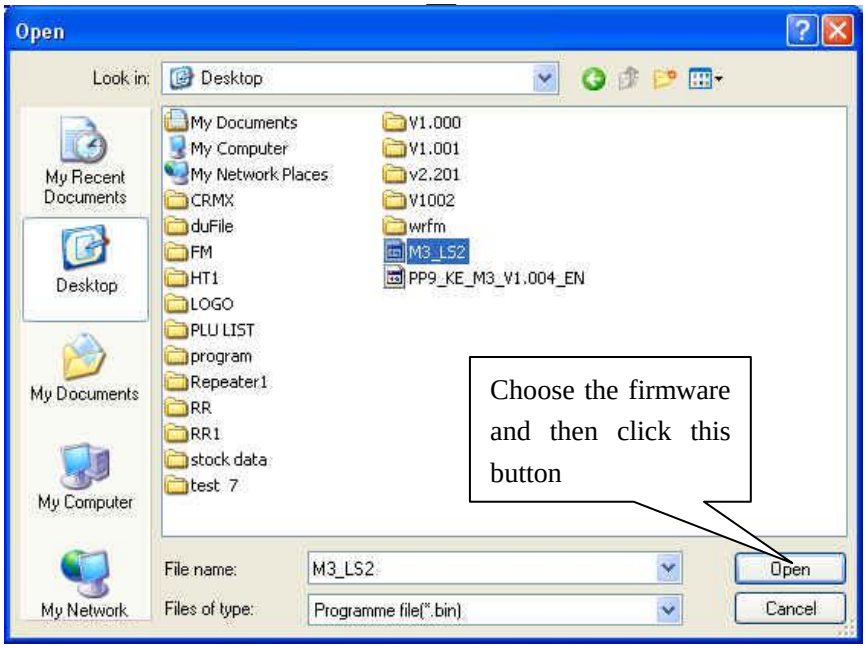

Multiple Device
Single Device
Serial Cable
COM Port:
COM1
Baud Rate:
115200
Ethernet
IP Address:
192.168.1.87
Execute
Close

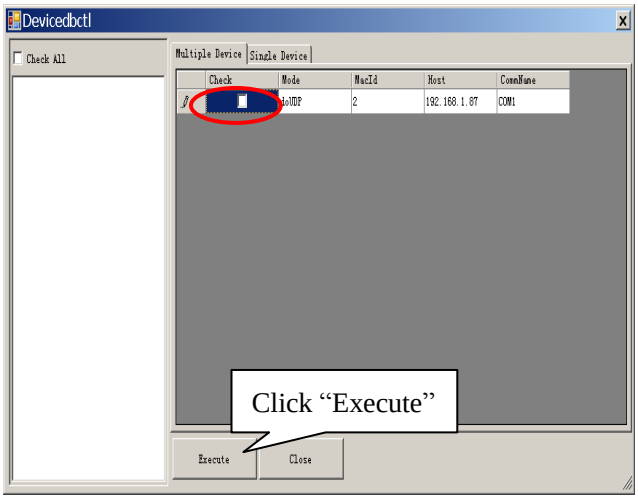

communicationwindow
Handle
Name
Status
Progress
Machine
Mode
Error
1
Ping...
dtoNULL
0
doUDP
0

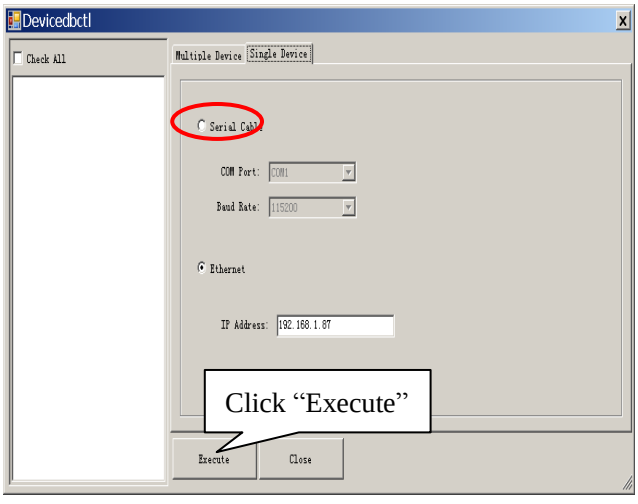
3 How to update program

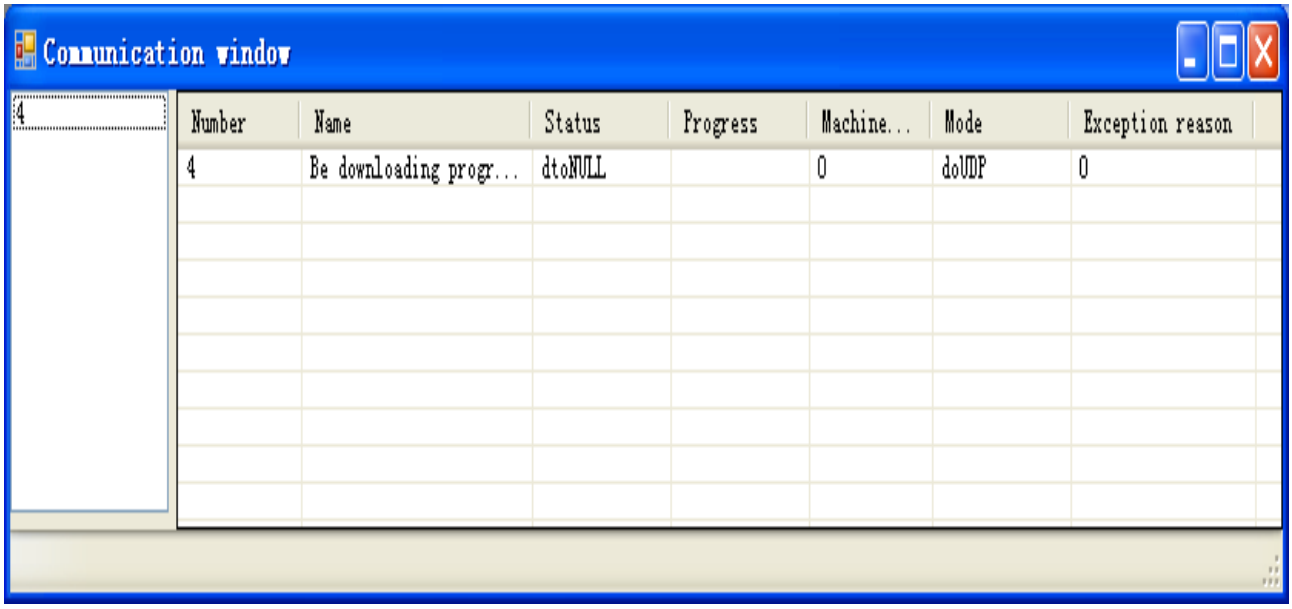
Double click LS2.exe and confirm the PC connect with scale well.
Choose and click “System---download program…”







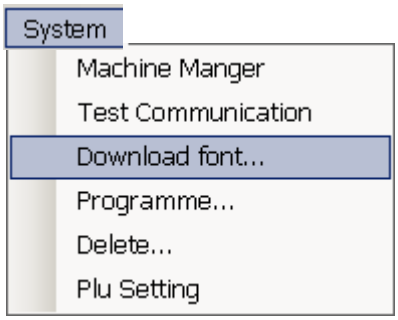


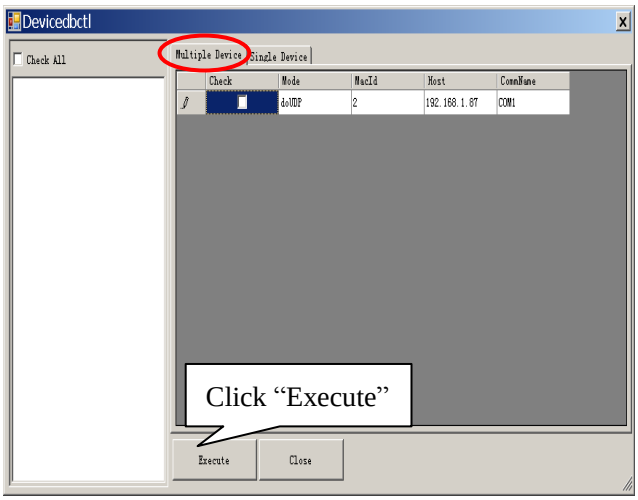


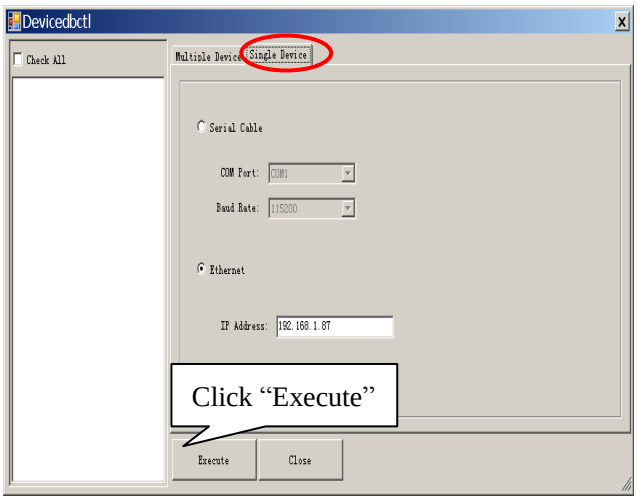
4 How to download Font

Double click LS2.exe and confirm the PC connect with scale well.

Choose and click “System---Download font…”



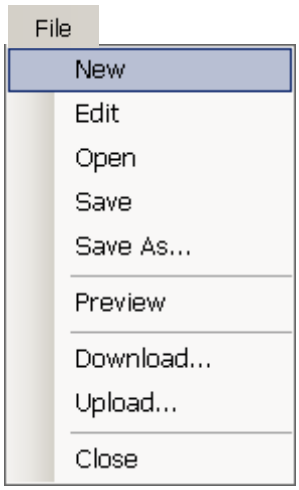




5 Label

5.1 Menu Column Introduction

◆ File menu



New: create a new label. The same as the short cut icon

Edit: Edit the label type and size

Open: Open a label that you have edited and saved. The same as the short cut icon

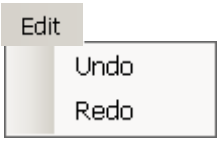
Save and Save as: save the label or save the label as other name or to other route. The same as the short icon and

Preview: Preview the label to check the effect.

Download: Download the label to the scale. This function is the same as the short cut icon

Upload: Upload the label from scale to PC. This function is the same as the short cut icon

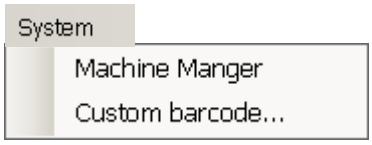
◆ Edit menu



Undo: Return last step operation. This function is the same as the short cut icon in tool boor

Redo: This function is the same as the short cut icon in tool bar

◆ System menu

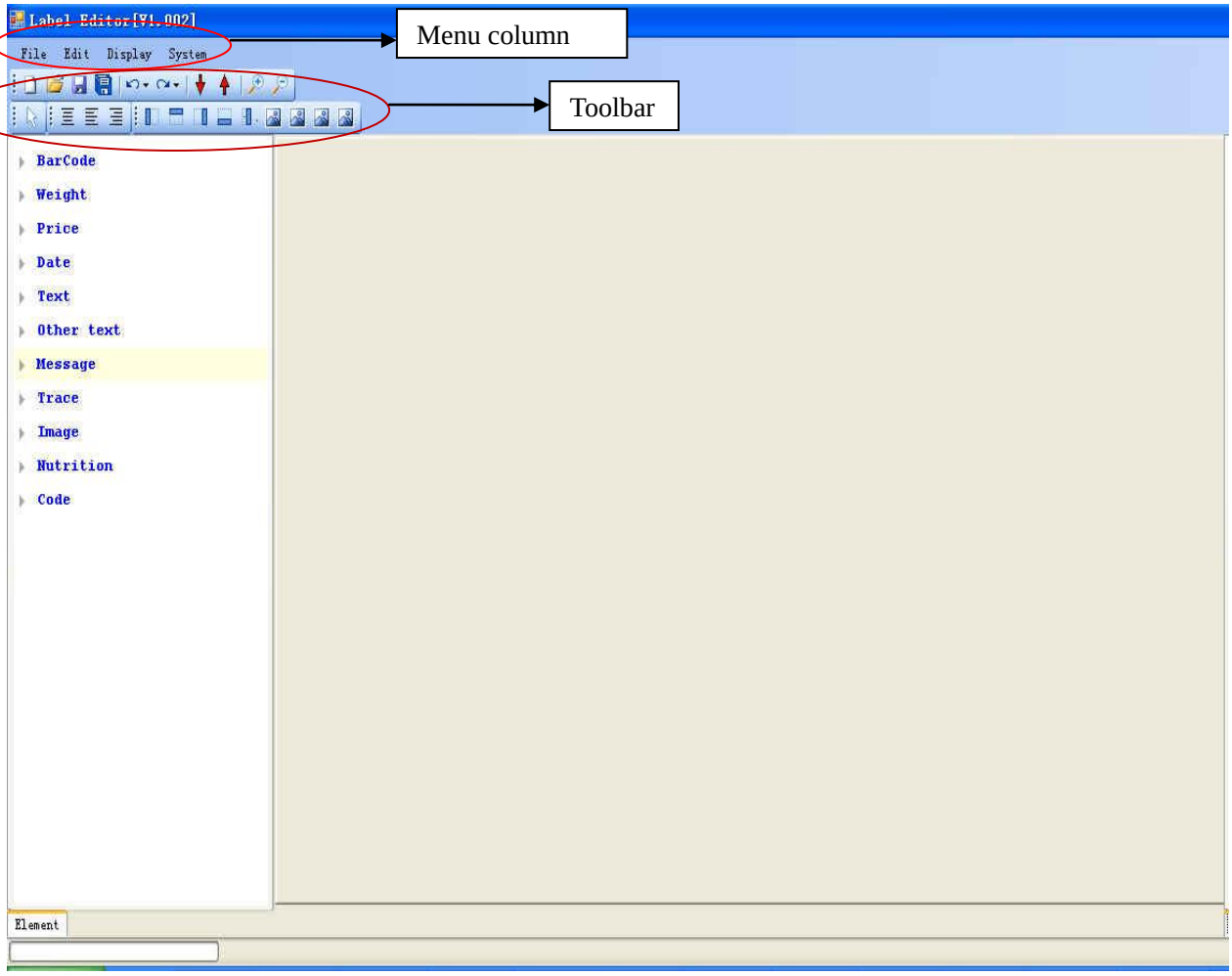


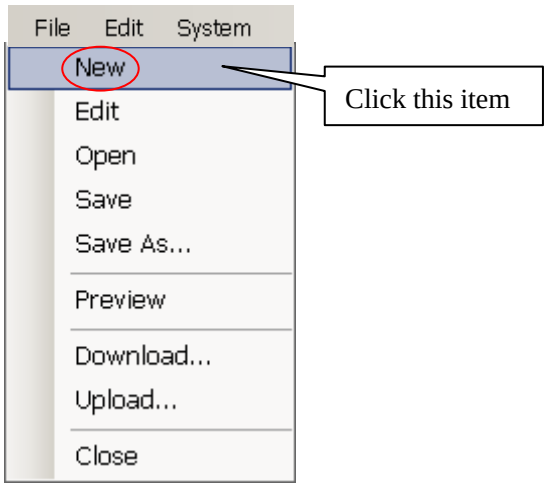
Machine Manger: Manage machine

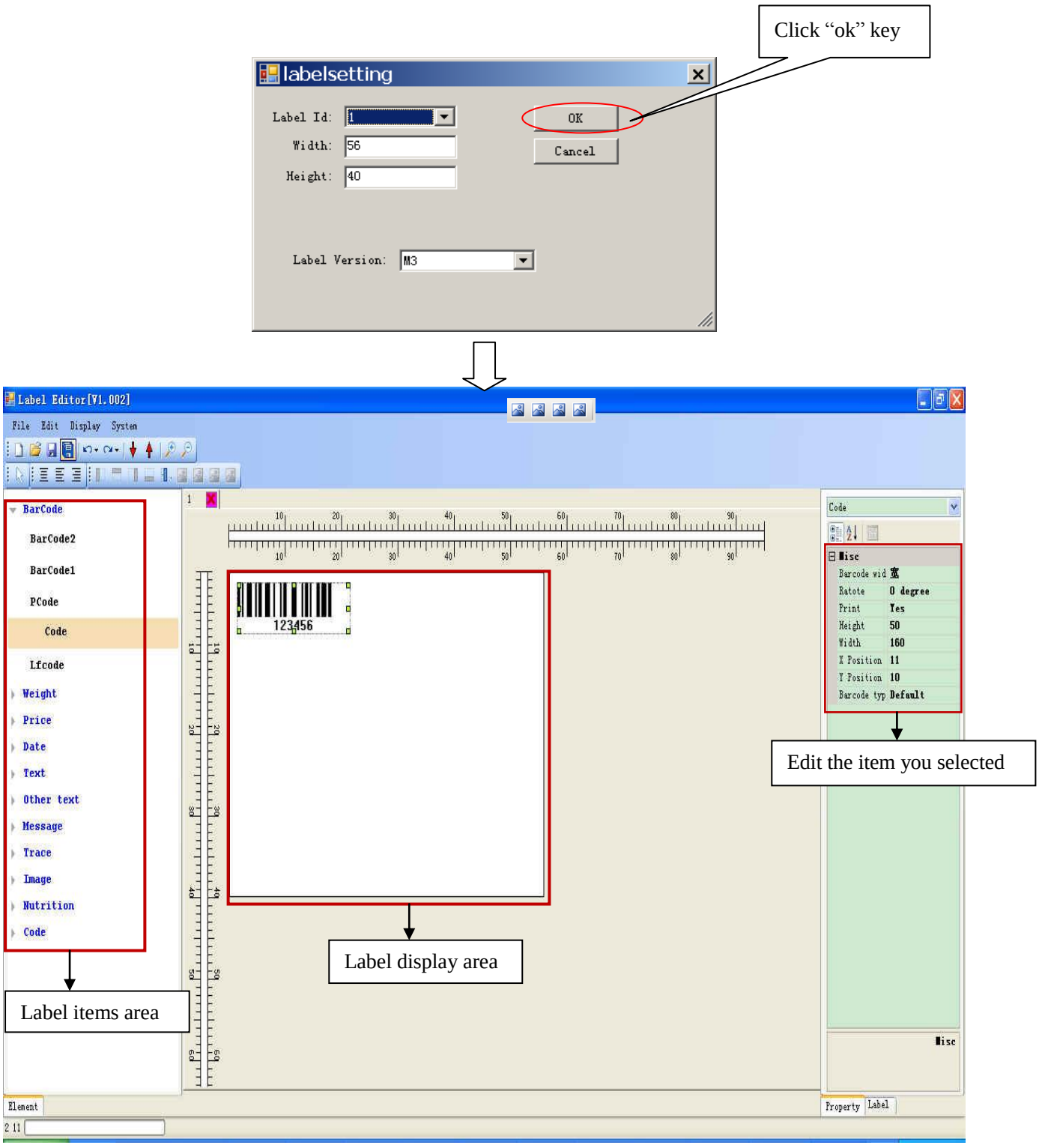
Custom barcode: set customer barcode

5.2 How to make label

Double click labelApplication1.exe, and then you will see below interface:






Click “ok” key
labelsetting
Label Id:
Width:
56
Height:
40
OK
Cancel
Label Version:
M3
Label Editor[V1.002]
File Edit Display System
BarCode
BarCode2
BarCode1
PCode
Code
Lfcode
Weight
Price
Date
Text
Other text
Message
Trace
Image
Nutrition
Code
123456
Misc
Barcode wid
Ratote
0 degree
Print
Yes
Height
50
Width
160
X Position
11
Y Position
10
Barcode typ
Default
Edit the item you selected
Label display area
Label items area
Element
Property
Label

Basic label editing steps:

1) Click the item that you needed in label items area.
2) Click the mouse; hold it and drag a box on the label, and then you can see the item will be displayed on the label.
3) Make the item in selected state.
4) Use your mouse to get close to the border, when the mouse became the icon like below image A, B or C, means you can adjust the width or length. If the mouse became the icon like image C, means you can adjust the whole border. If the mouse became the icon like image D, means you can move the item to any position.

   For example:

Image A

Use your mouse get close to the boarder till the mouse became the icon, and then click the mouse, hold it and drag the mouse till you get satisfied of the width.

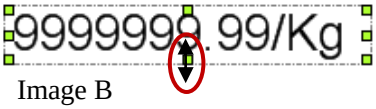


Image B

Use your mouse get close to the boarder till the mouse became the icon, and then click the mouse, hold it and drag the mouse till you get satisfied of the length.

Image C

Use your mouse get close to the boarder till the mouse became the icon, and then click the mouse, hold it and drag the mouse till you get satisfied.

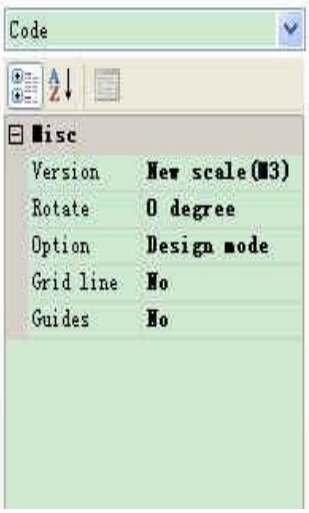
Image D

Use your mouse get close to the boarder till the mouse became the icon, and then click the mouse, hold it and drag the mouse to move the item.

5.3 How to modify label

5.3.1 Modify a whole label

Click any blank position on the label, and then you can modify the whole label via the right column.

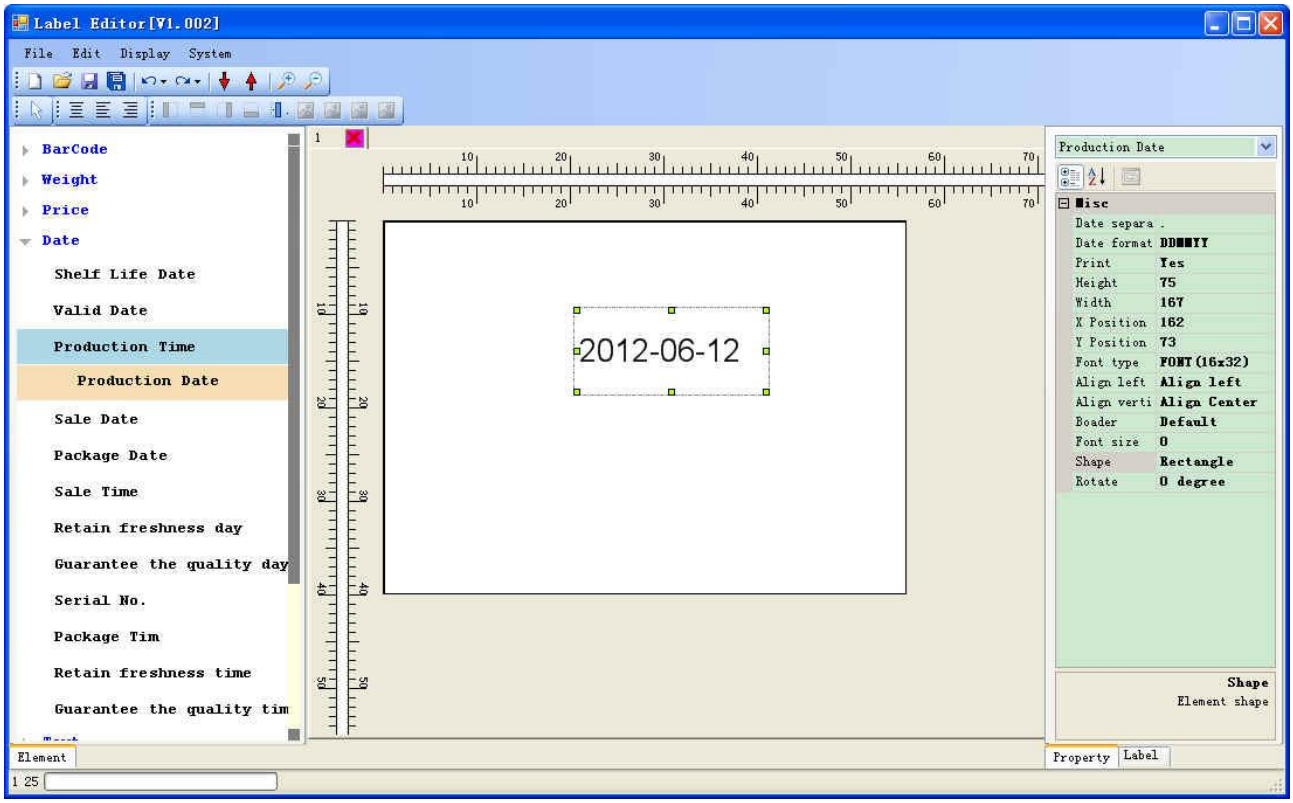


- Version: Click it to choose scale M3 version or old version.
- Rotate: To choose you rotate degree of your label
- Option: to choose option mode
- Grid Line: Click it to choose whether have grid line or not.
- Guides: Click it to choose whether have guides or not.

5.3.2 Modify a single item

If you want to modify the related item on the label, you should click it firstly to make it in selected status, and then you can modify it by the below area.

For example, when you need to modify you production date label ,



- Date separate : click it to choose the date separate symbol
- Date format: to choose date format
- Print: True means this item will be printed out. False means this item will be not printed out.
- Height and Width: input the number directly to adjust the border size.
- X and Y: the coordinate of the item. You can input the number directly to move the item.
- Font type :to choose font type
- Align left and align vertical: to adjust label align direction
- Boarder: to choose boarder
- Font size: to choose font size
- Shape: click it to choose the shape of label
- Rotate: to adjust rotate degree

5.4 Alignment function

Left justify: Select two or more than two items, then use mouse to click this icon, the items you selected will be left justifying.

Top justify: Select two or more than two items, then use mouse to click this icon , the items you selected will be top justifying.

Right justify: Select two or more than two items, then use mouse to click this icon , the items you selected will be right justifying.

Bottom justify: Select two or more than two items, then use mouse to click this icon , the items you selected will be bottom justifying.

5.5 Spacing setting

Same spacing in horizontal：Select items and click this button, the space between these items is the same.

Same spacing in vertical：Select items and click this button, the space between these items is the same.

Same height：Select items and click this button, the height of all the items is the same with the first one selected.

Same width：Select items and click this button, the width of all the items is the same with the first one selected.

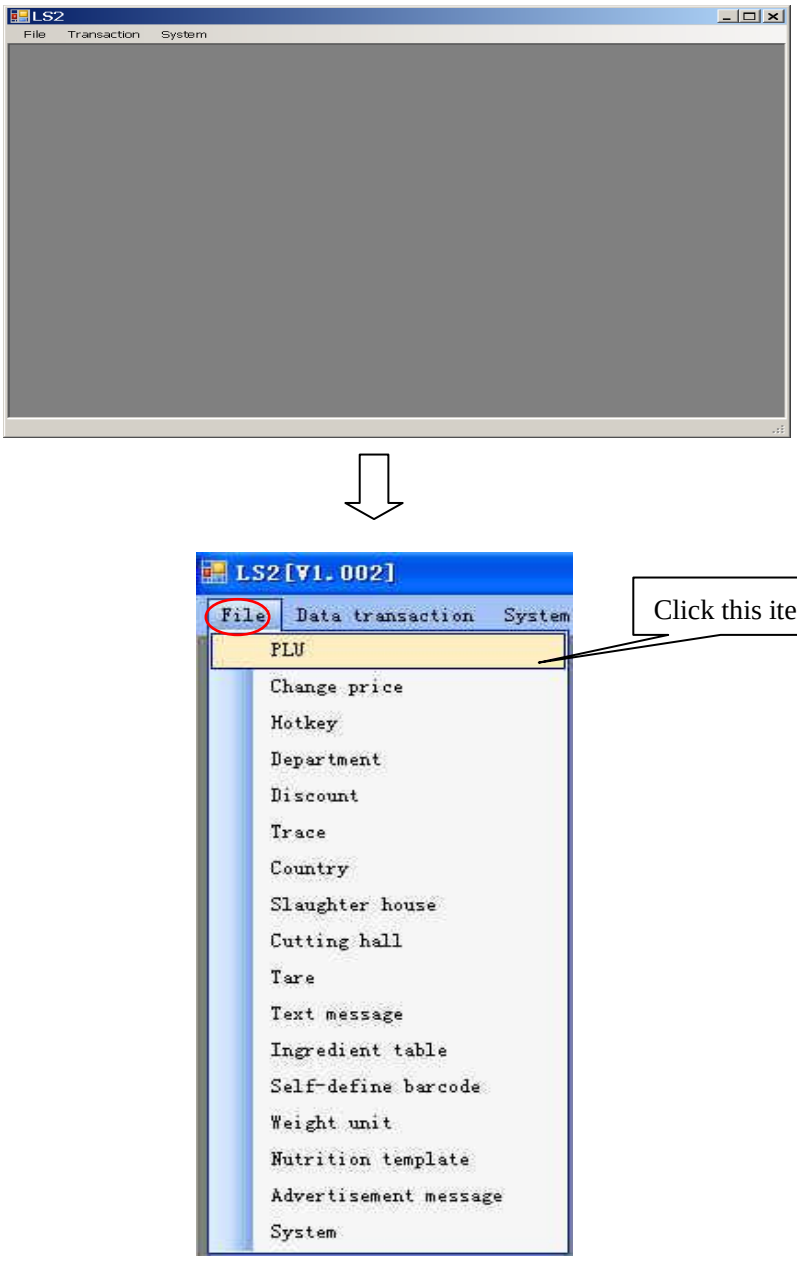
5.6 Zoom in & zoom out

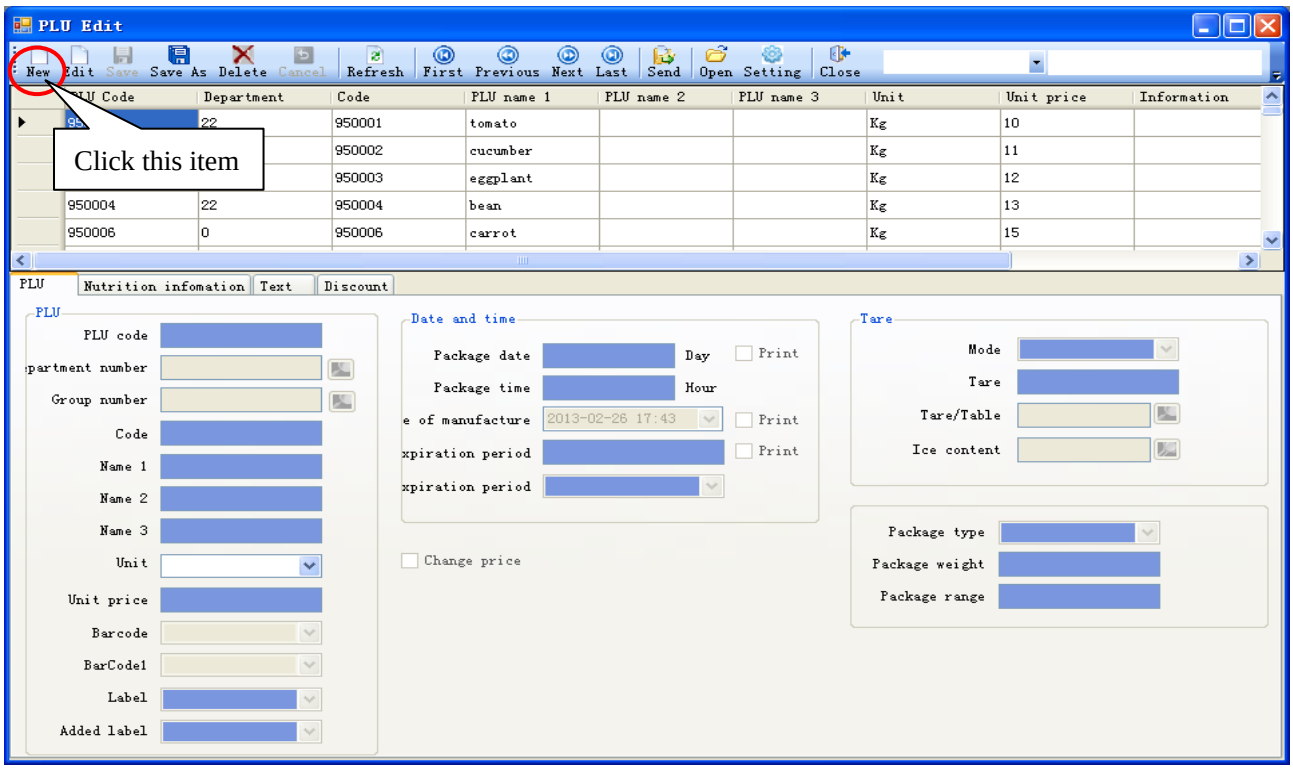
	Zoom in: Click the item that you need to zoom in and make it in selected state, click this zoom in icon.
	Zoom out: Click the item that you need to zoom out and make it in selected state, click this zoom out icon.

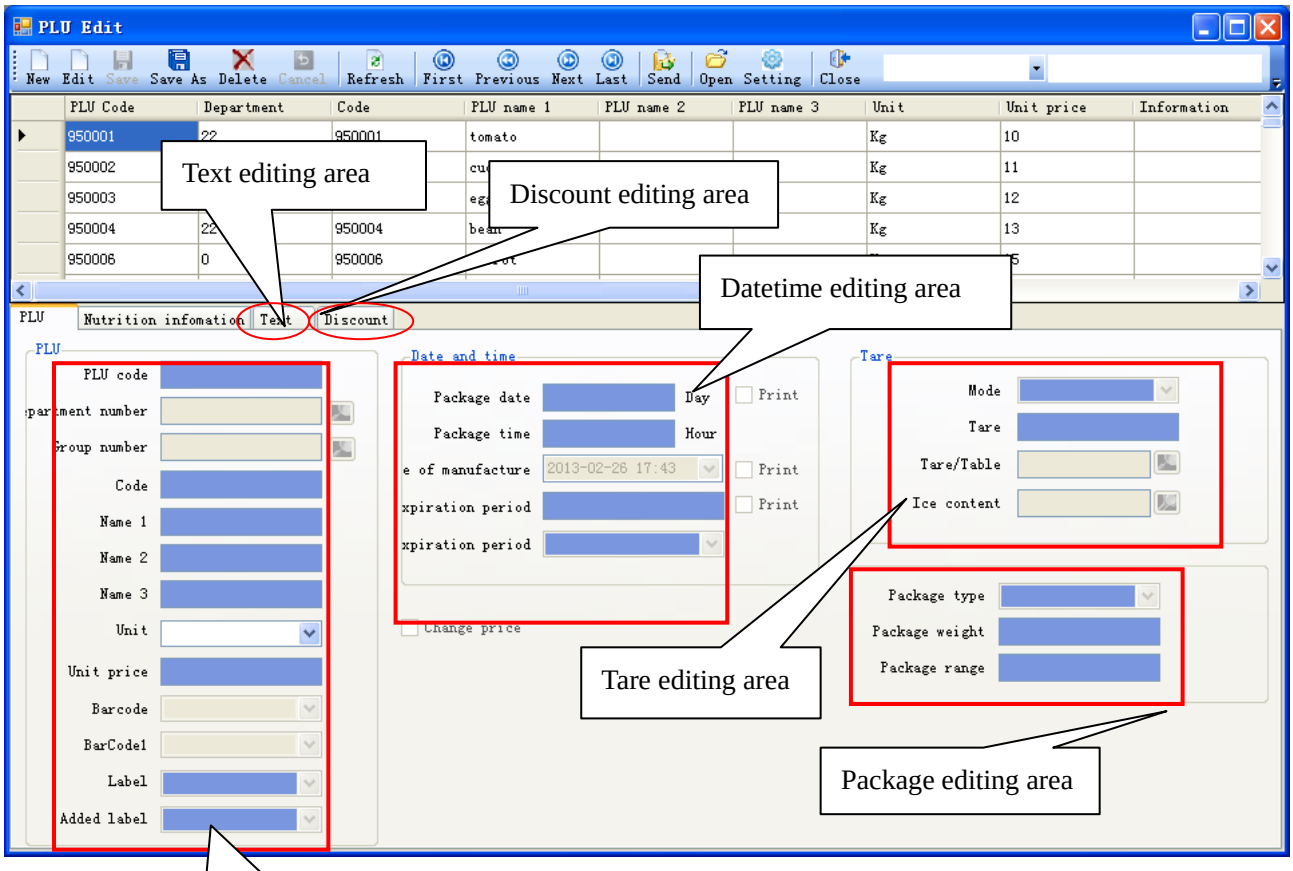
6 PLU

6.1 PLU editing

Double click LS2.exe, and then you will see below interface:




PLU Edit
New
Edit
Save
Save As
Delete
Cancel
Refresh
First
Previous
Next
Last
Send
Open
Setting
Close
Click this item
PLU Code
Department
Code
PLU name 1
PLU name 2
PLU name 3
Unit
Unit price
Information
950001 22 950001 tomato Kg 10
950002 950002 cucumber Kg 11
950003 950003 eggplant Kg 12
950004 22 950004 bean Kg 13
950006 0 950006 carrot Kg 15
PLU
Nutrition infomation
Text
Discount
PLU code
Group number
Code
Name 1
Name 2
Name 3
Unit
Unit price
Barcode
BarCode1
Label
Added label
Date and time
Package date
Day
Print
Package time
Hour
Print
Print
Change price
Tare
Mode
Tare
Tare/Table
Ice content
Package type
Package weight
Package range


PLU Edit
Text editing area
Discount editing area
Datetime editing area
Tare editing area
Package editing area
PLU editing area

1) PLU toolbar introduction

New: Click it to add a new PLU.

Edit: Click it to modify the PLU information.

Save/Save as: save the PLU information that you have edited.

Delete: delete the PLU information.

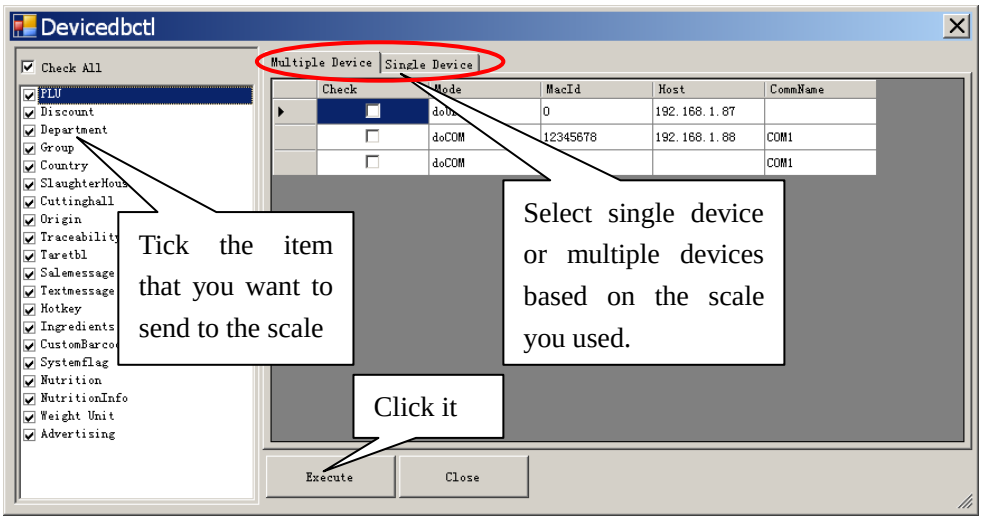
Cancel: click it to cancel the editing.

Refresh: when you upload the PLU data to PC, click this icon; the system will update the information at once.

First: click this icon, the first PLU will be in selected state.

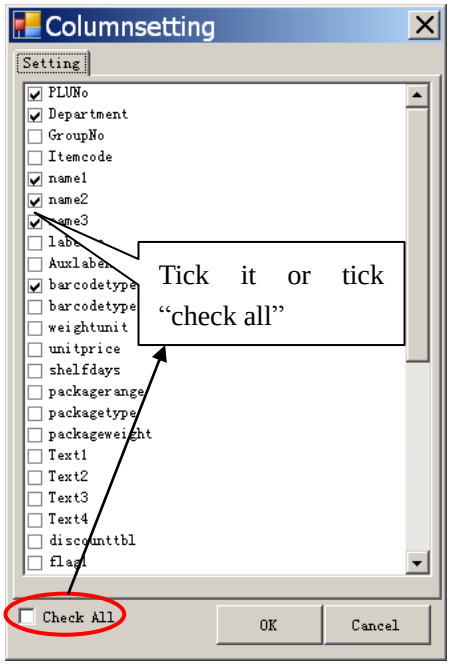
Last: click this icon; the last PLU will be in selected state.

Send: click this icon and then you will see below interface:



Open: Click this icon to open the PLU information that you have edited.

Setting: the command is used to set the PLU column. Click it and then you will see below interface:

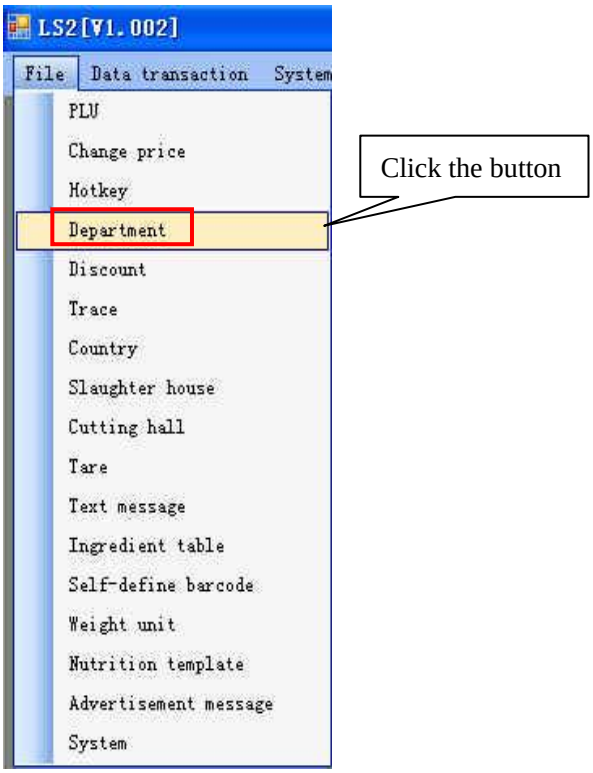


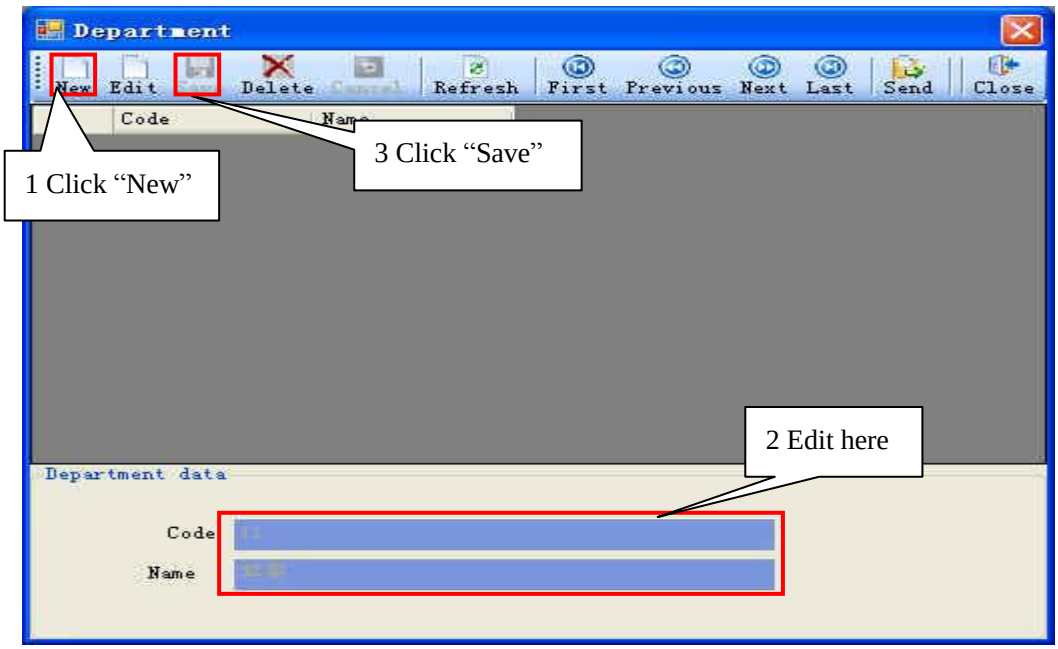
Close: click this icon to exit the interface.

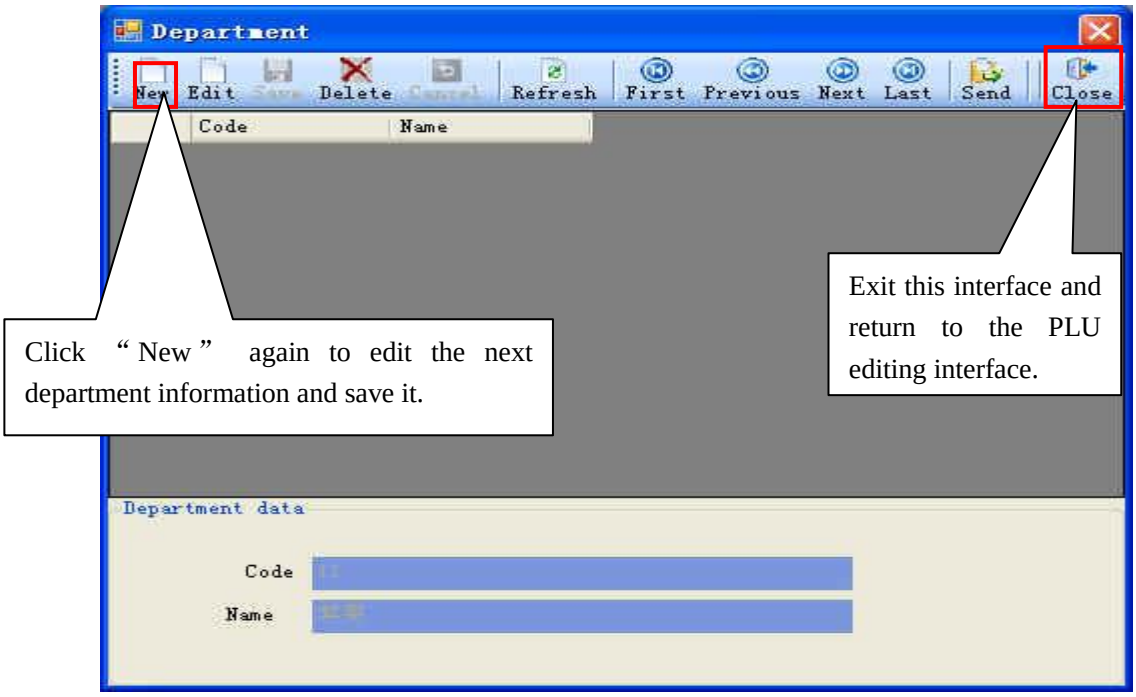
Search: input LFcode or name to search PLU.

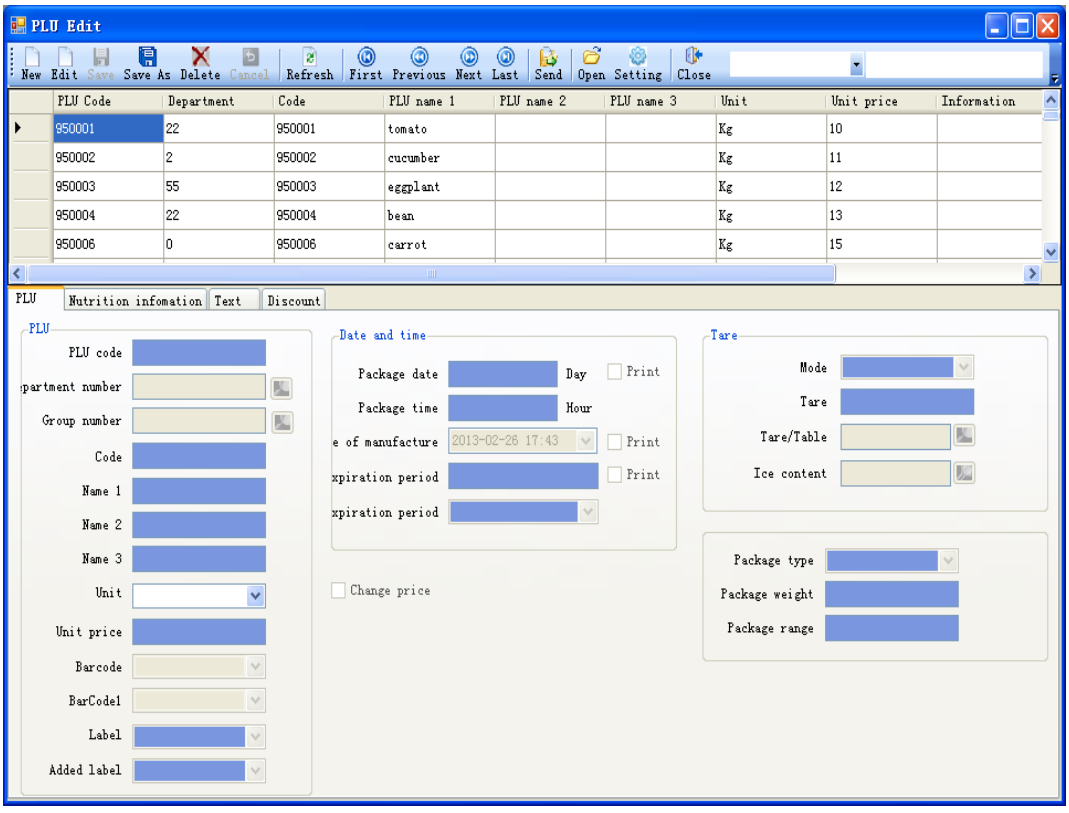
- LFcode: input LFcode directly.
- **Department No.:** You can't input the **department no** in this box directly. The department No. should be edited in other interface firstly.

  Choose and click "File----Department"

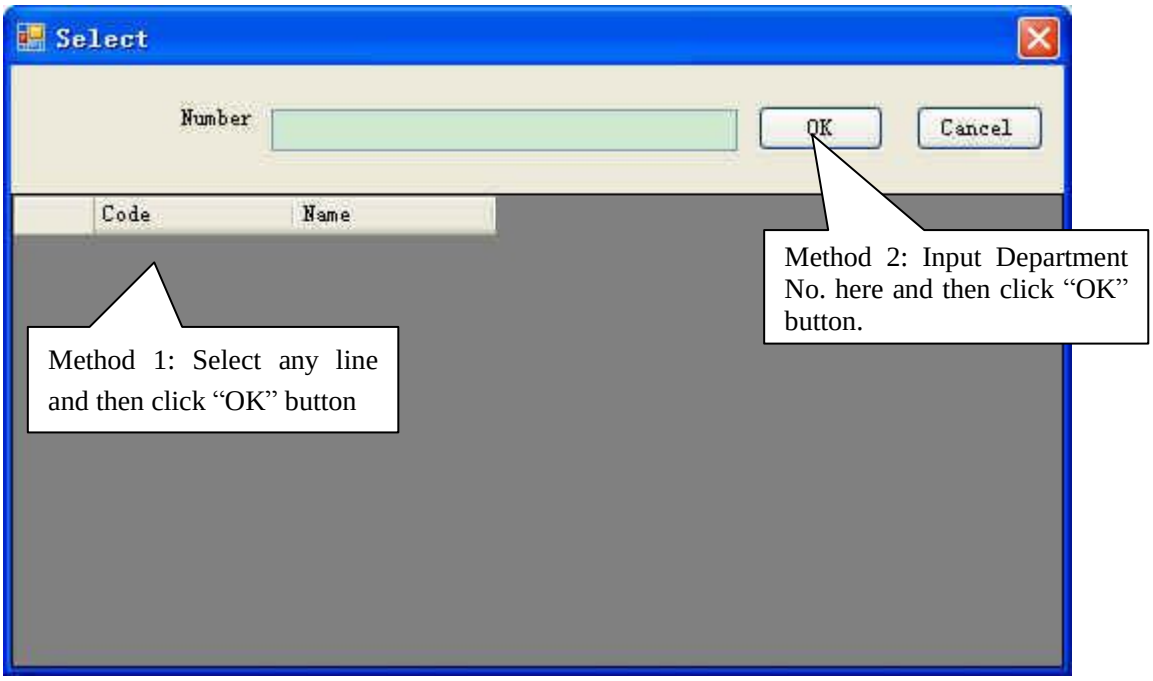


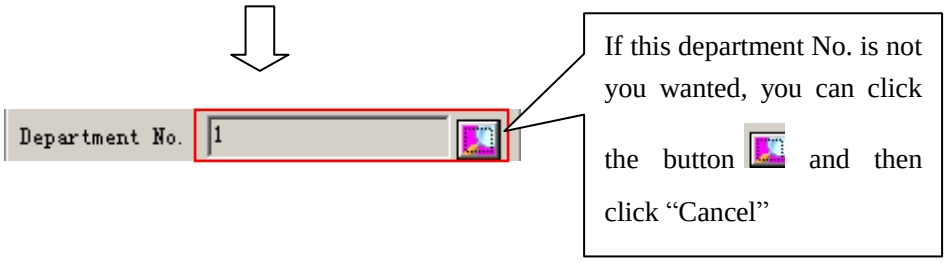


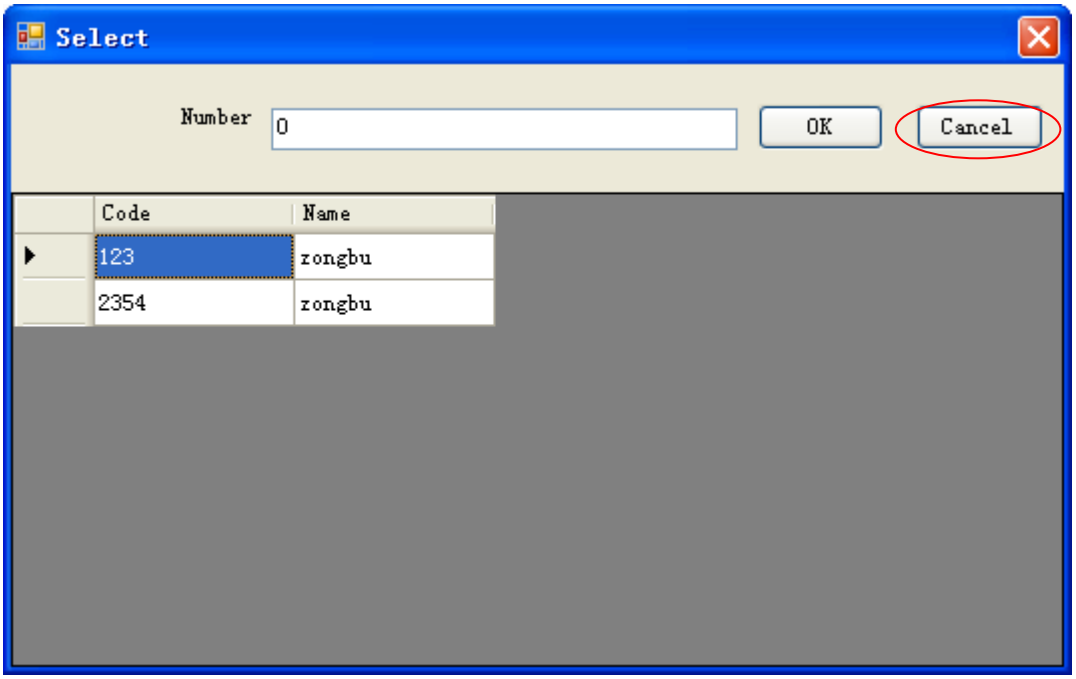

Department
New
Edit
Delete
Refresh
First
Previous
Next
Last
Send
Close
Code
Name
Click “New” again to edit the next department information and save it.
Exit this interface and return to the PLU editing interface.
Department data
Code
Name


PLU Edit
New
Edit
Save
Save As
Delete
Cancel
Refresh
First
Previous
Next
Last
Send
Open
Setting
Close
PLU Code
Department
Code
PLU name 1
PLU name 2
PLU name 3
Unit
Unit price
Information
950001 22 950001 tomato Kg 10
950002 2 950002 cucumber Kg 11
950003 55 950003 eggplant Kg 12
950004 22 950004 bean Kg 13
950006 0 950006 carrot Kg 15
PLU
Nutrition infomation
Text
Discount
PLU code
Group number
Code
Name 1
Name 2
Name 3
Unit
Unit price
Barcode
BarCode1
Label
Added label
Date and time
Package date
Day
Print
Package time
Hour
Change price
Tare
Mode
Tare
Tare/Table
Ice content
Package type
Package weight
Package range

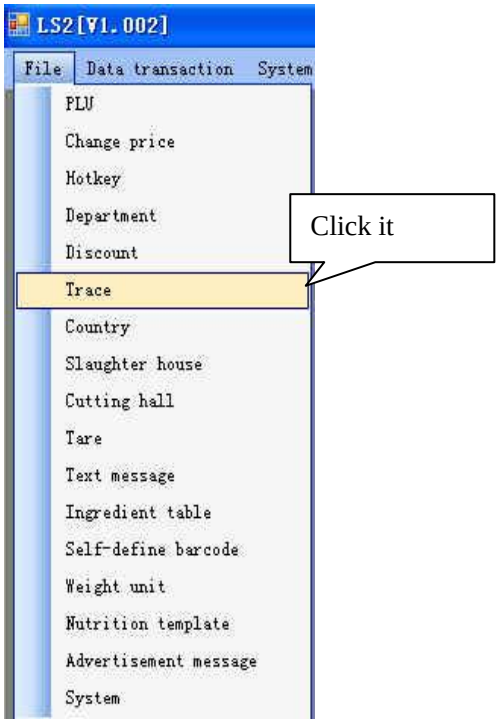
Department
Click this icon

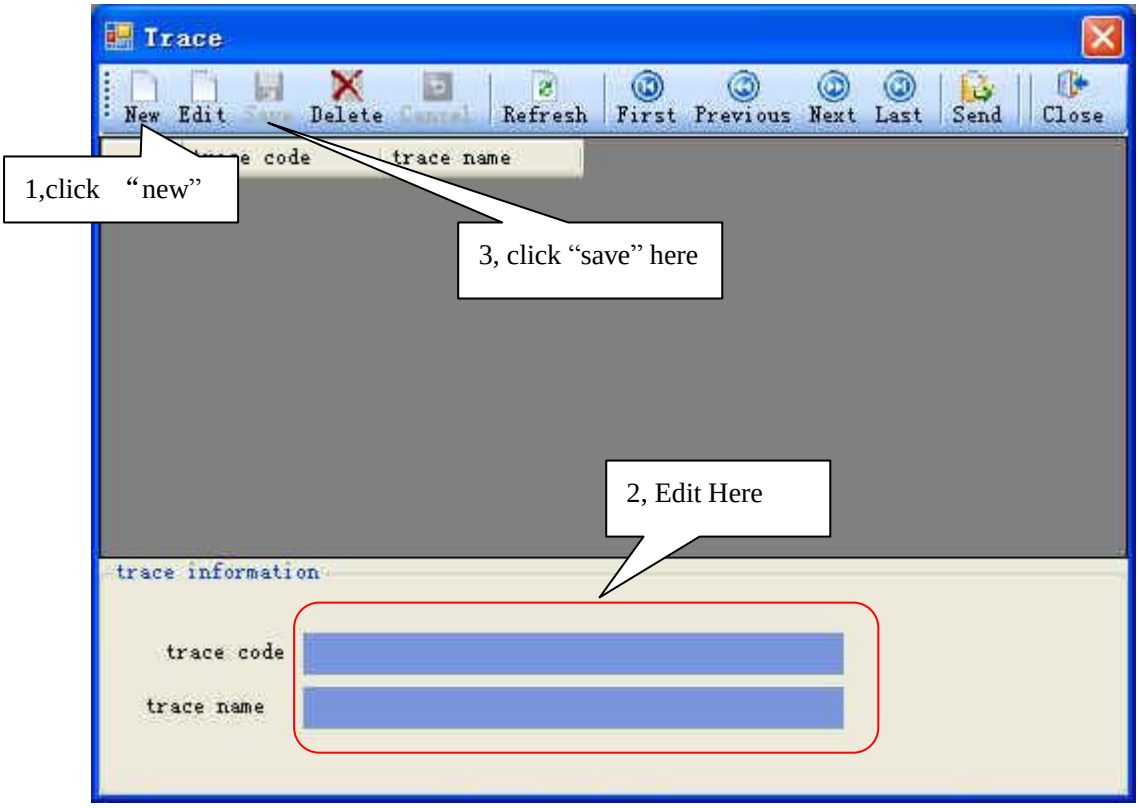

Select
Number
OK
Cancel
Code
Name
Method 1: Select any line and then click “OK” button
Method 2: Input Department No. here and then click “OK” button.

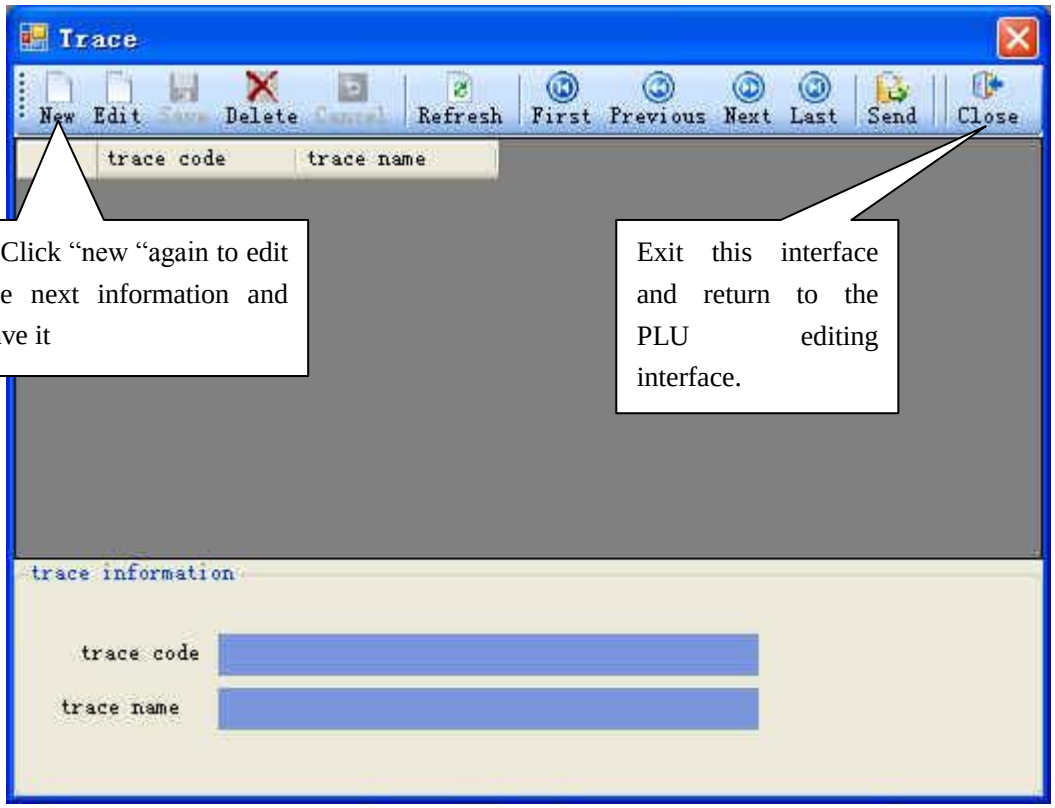

Department No.
1
If this department No. is not you wanted, you can click the button and then click “Cancel”

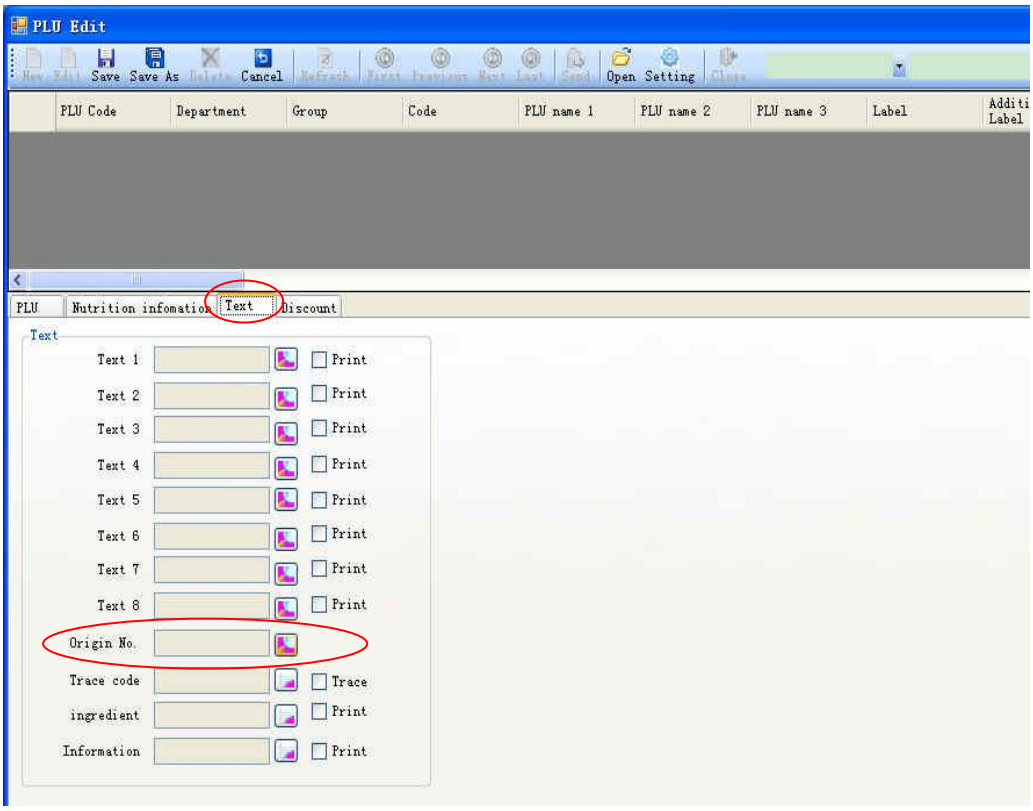

Select
Number
0
OK
Cancel
Code
Name
123
zongbu
2354
zongbu

◆ **Trace :**

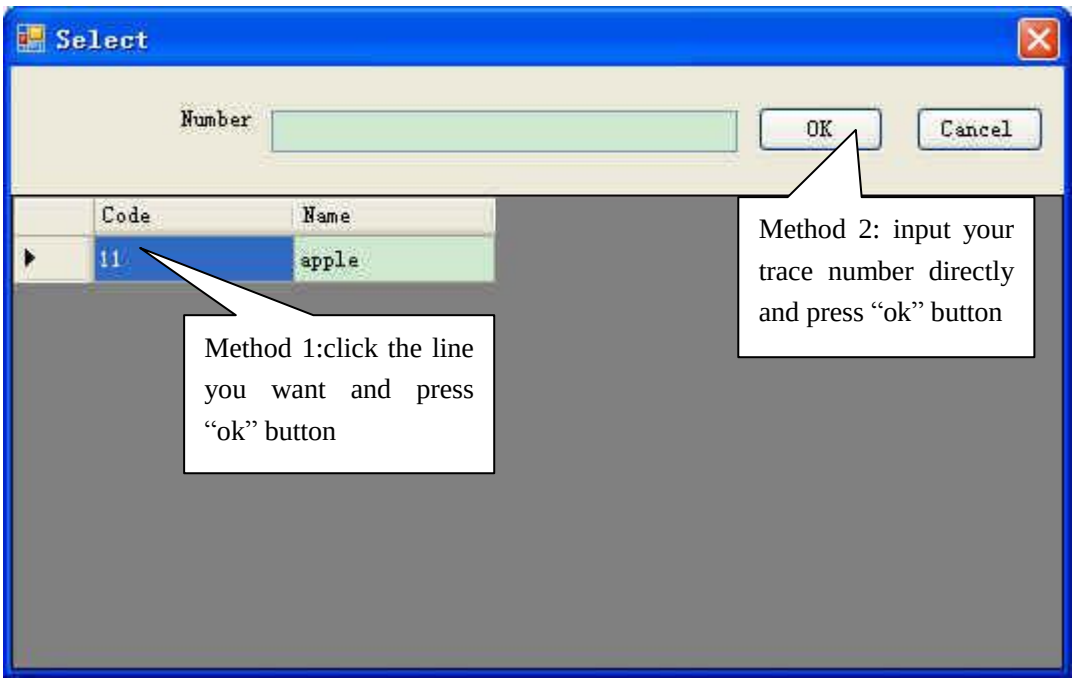

LS2[V1.002]
File
Data transaction
System
PLU
Change price
Hotkey
Department
Discount
Trace
Country
Slaughter house
Cutting hall
Tare
Text message
Ingredient table
Self-define barcode
Weight unit
Nutrition template
Advertisement message
System
Click it


Trace
New
Edit
Delete
Refresh
First
Previous
Next
Last
Send
Close
trace code
trace name
1,click “new”
3, click “save” here
2, Edit Here
trace information
trace code
trace name

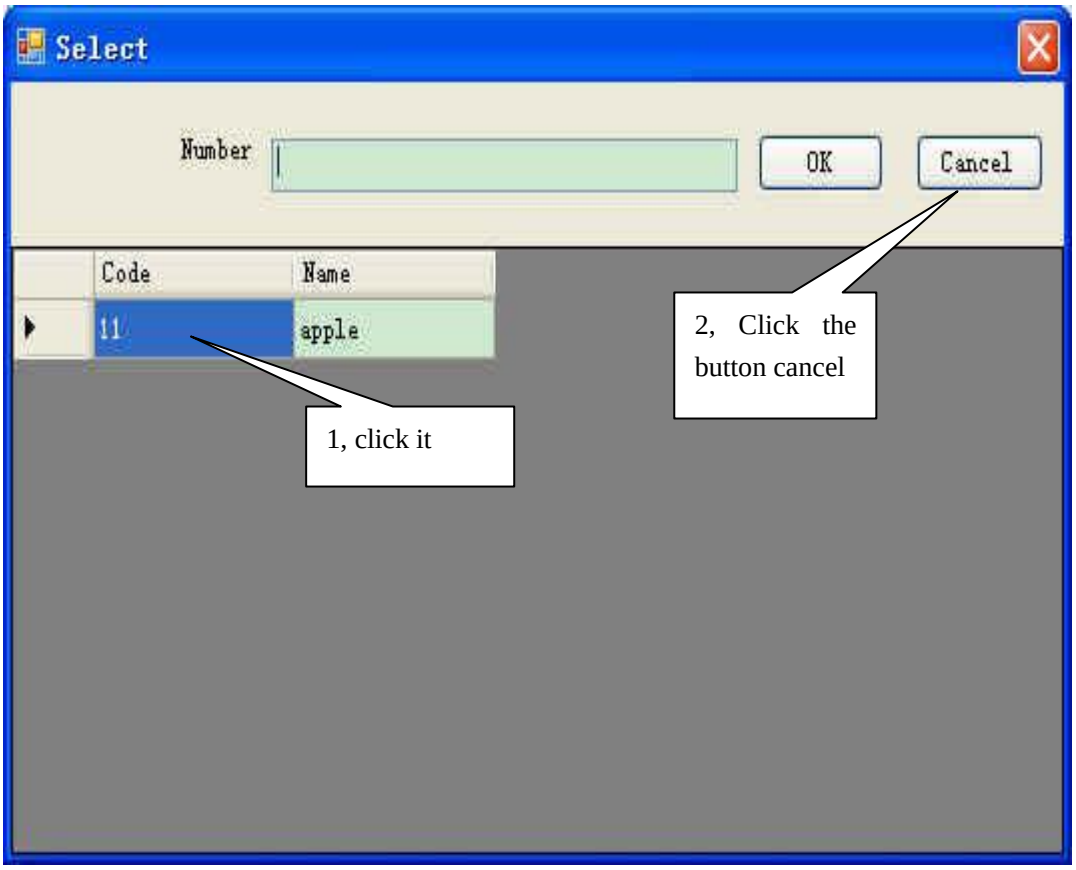

Trace
New
Edit
Save
Delete
Cancel
Refresh
First
Previous
Next
Last
Send
Close
trace code
trace name
1 Click “new “again to edit the next information and save it
Exit this interface and return to the PLU editing interface.
trace information
trace code
trace name


PLU Edit
Save
Save As
Delete
Cancel
Refresh
Open
Setting
PLU Code
Department
Group
Code
PLU name 1
PLU name 2
PLU name 3
Label
PLU
Nutrition infomation
Text
Discount
Text
Text 1
Text 2
Text 3
Text 4
Text 5
Text 6
Text 7
Text 8
Origin No.
Trace code
ingredient
Information
Print
Trace

Origin No.
Click it

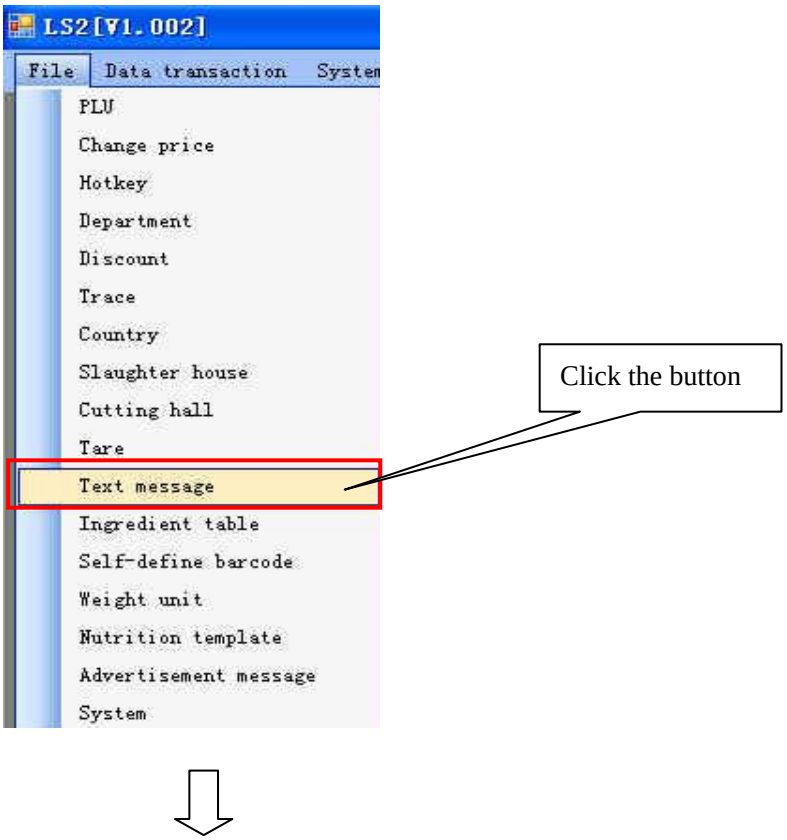


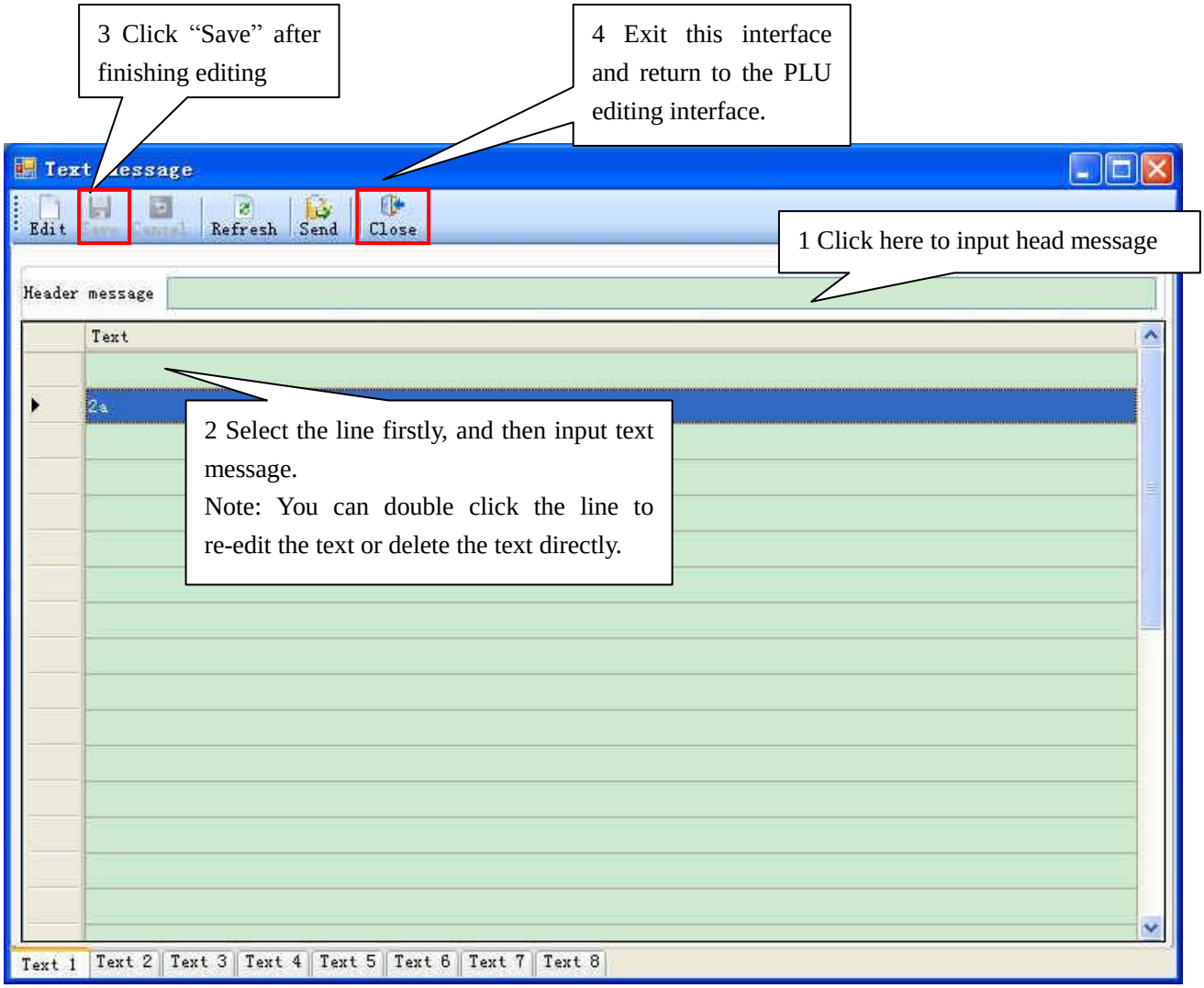
If you want to cancel the trace information

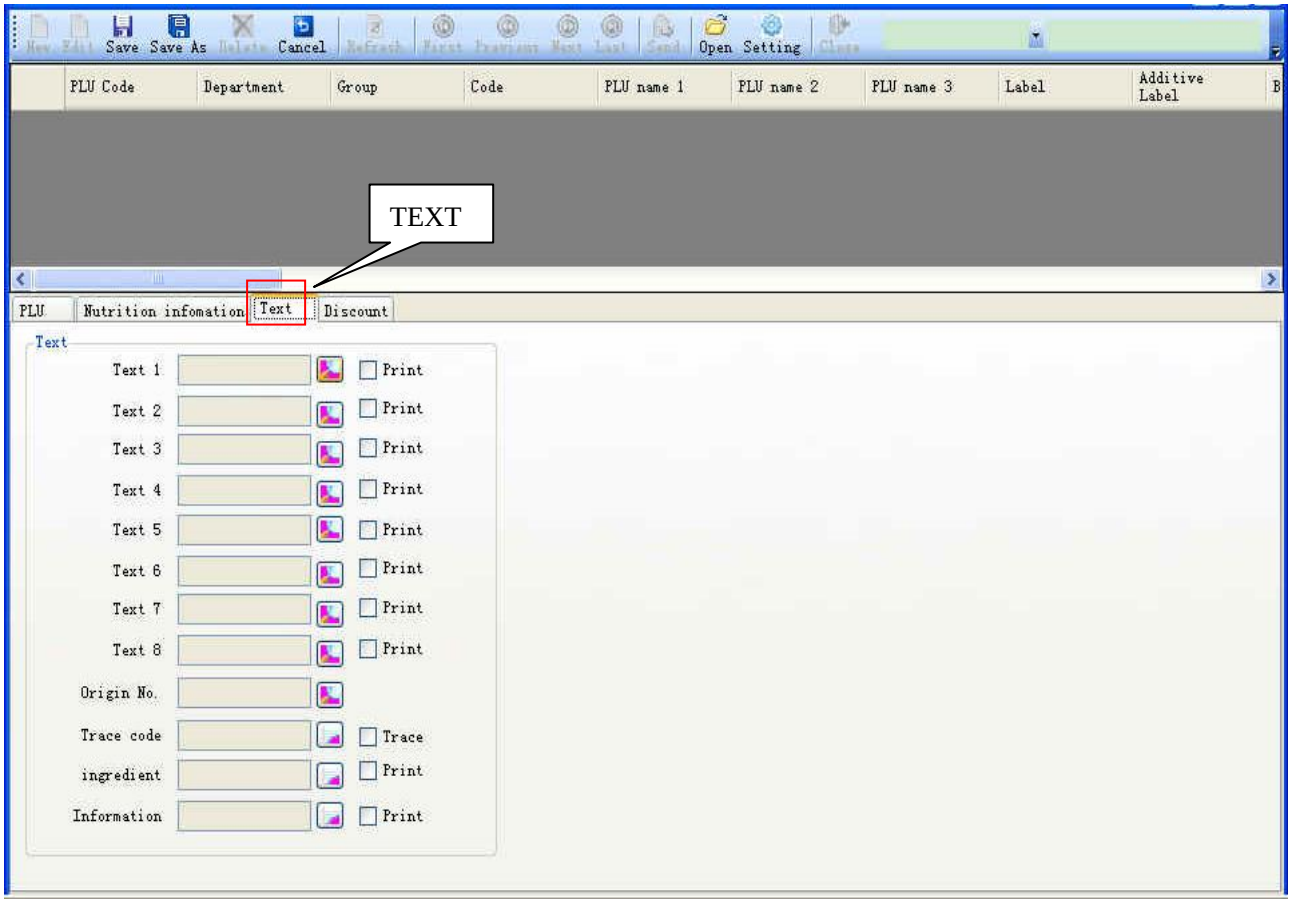


6.2 Text editing

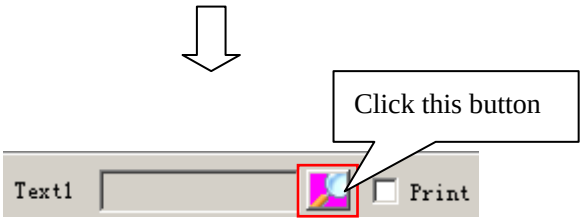
- Text1 & Text2 & Text3 & Text4: You can't input text information in this box directly. The Text information should be edited in other interface firstly.
  Choose and click "File----Text Message"

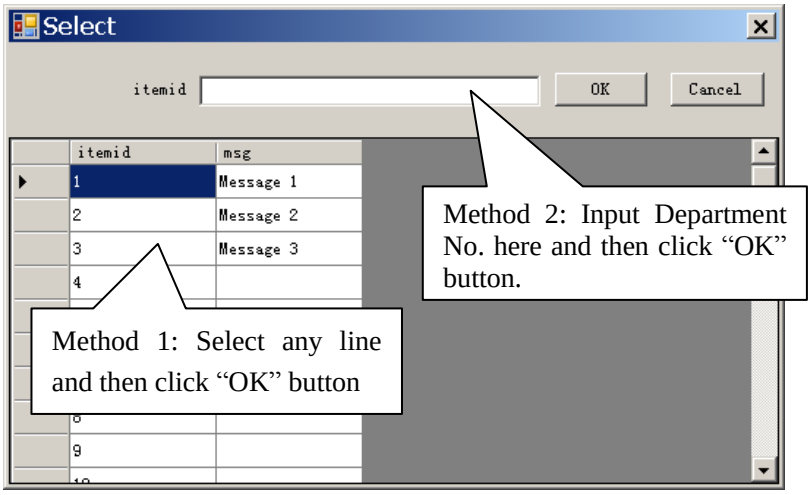


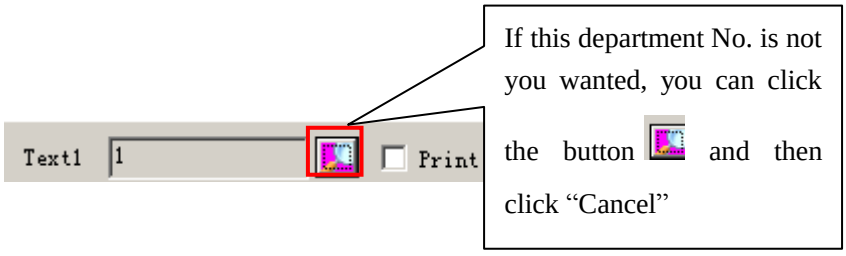

3 Click “Save” after finishing editing
4 Exit this interface and return to the PLU editing interface.
Edit
Refresh
Send
Close
1 Click here to input head message
Header message
Text
2a
2 Select the line firstly, and then input text message.
Note: You can double click the line to re-edit the text or delete the text directly.
Text 1
Text 2
Text 3
Text 4
Text 5
Text 6
Text 7
Text 8

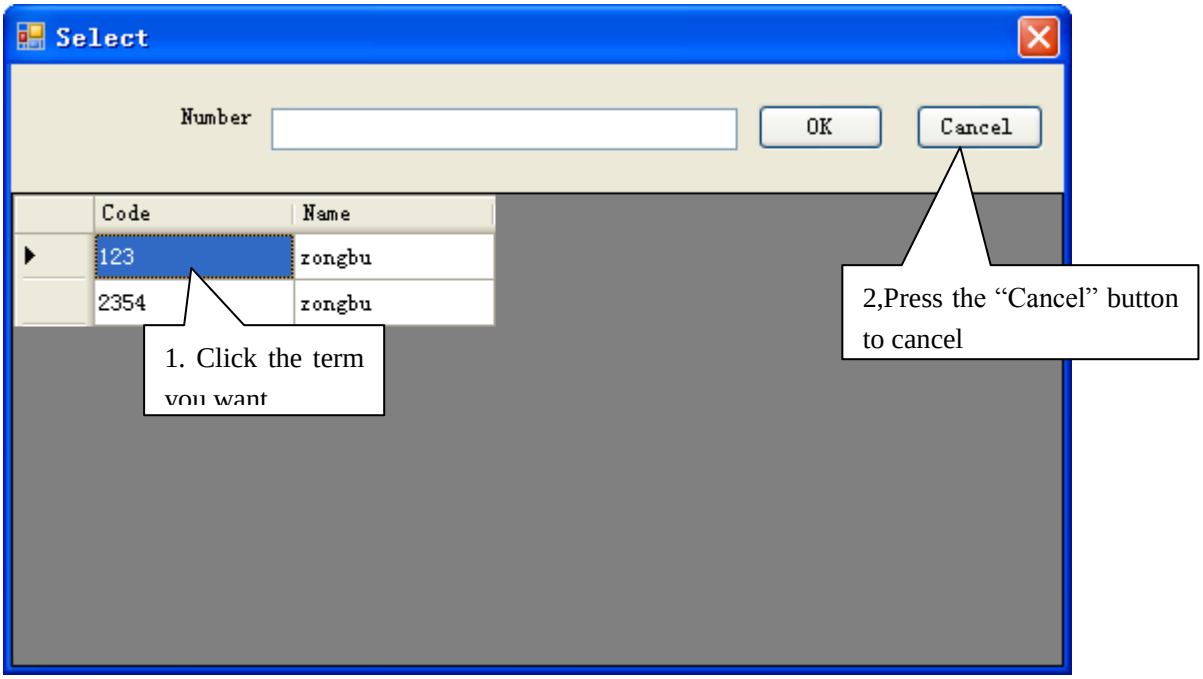

Save
Save As
Cancel
Open
Setting
PLU Code
Department
Group
Code
PLU name 1
PLU name 2
PLU name 3
Label
Additive Label
TEXT
PLU
Nutrition infomation
Text
Discount
Text
Text 1
Text 2
Text 3
Text 4
Text 5
Text 6
Text 7
Text 8
Origin No.
Trace code
ingredient
Information
Print
Trace

Then, you can Click the text that you want to edit on PLU interface.
For example:

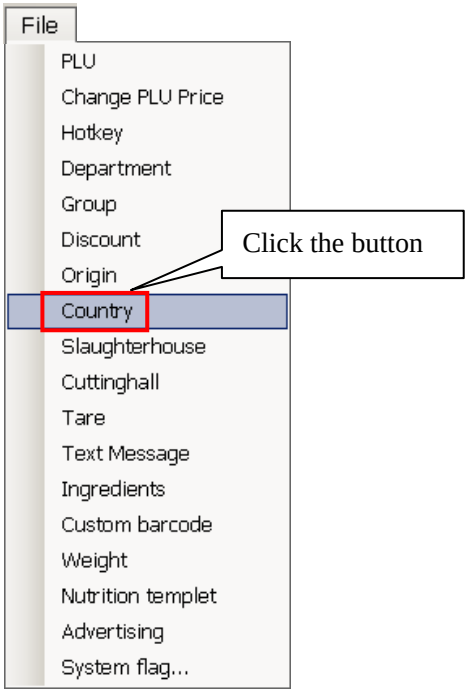


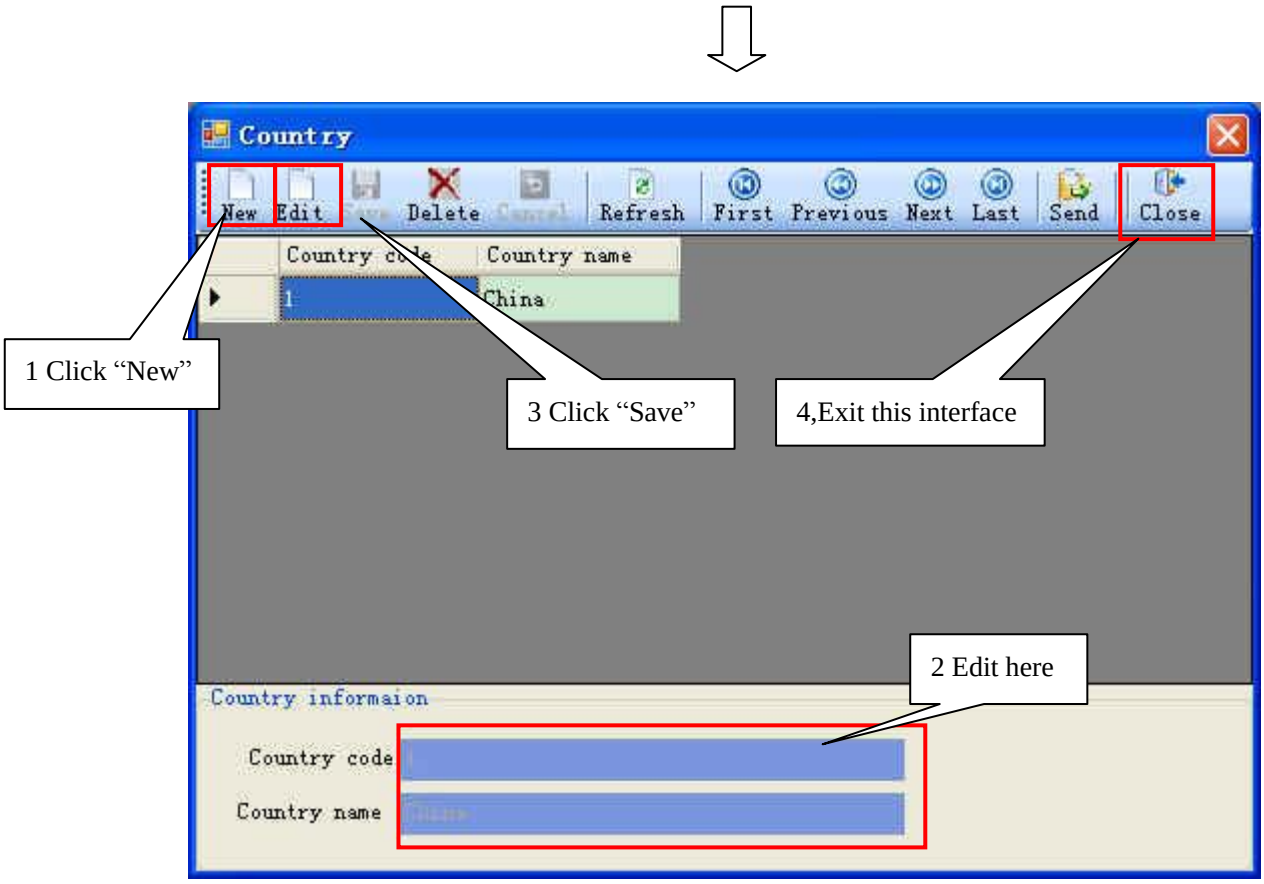


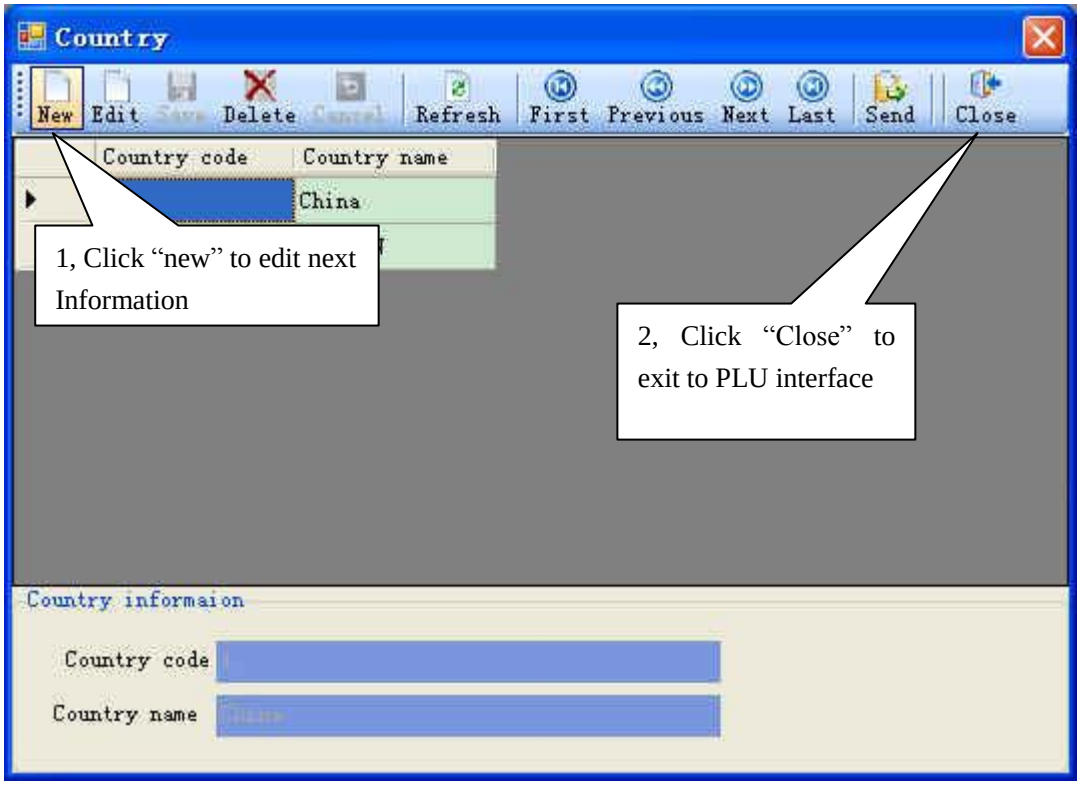




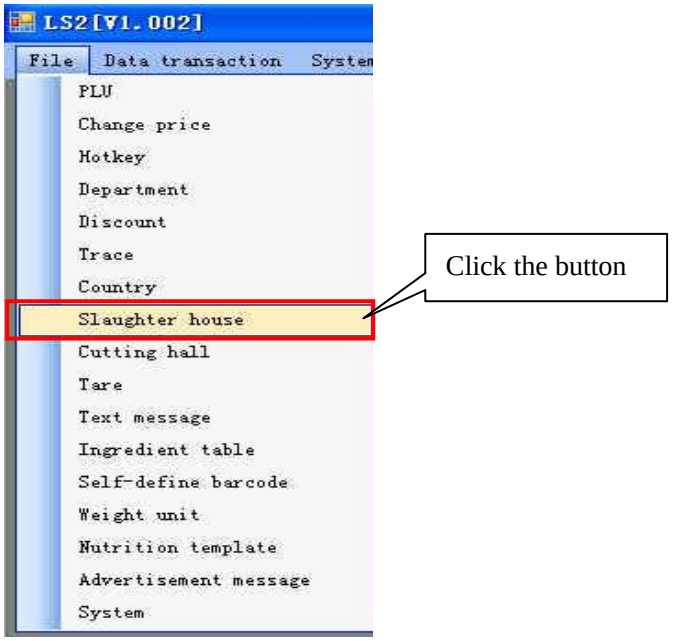
◆ **Country**. : Choose and click “File----Country”

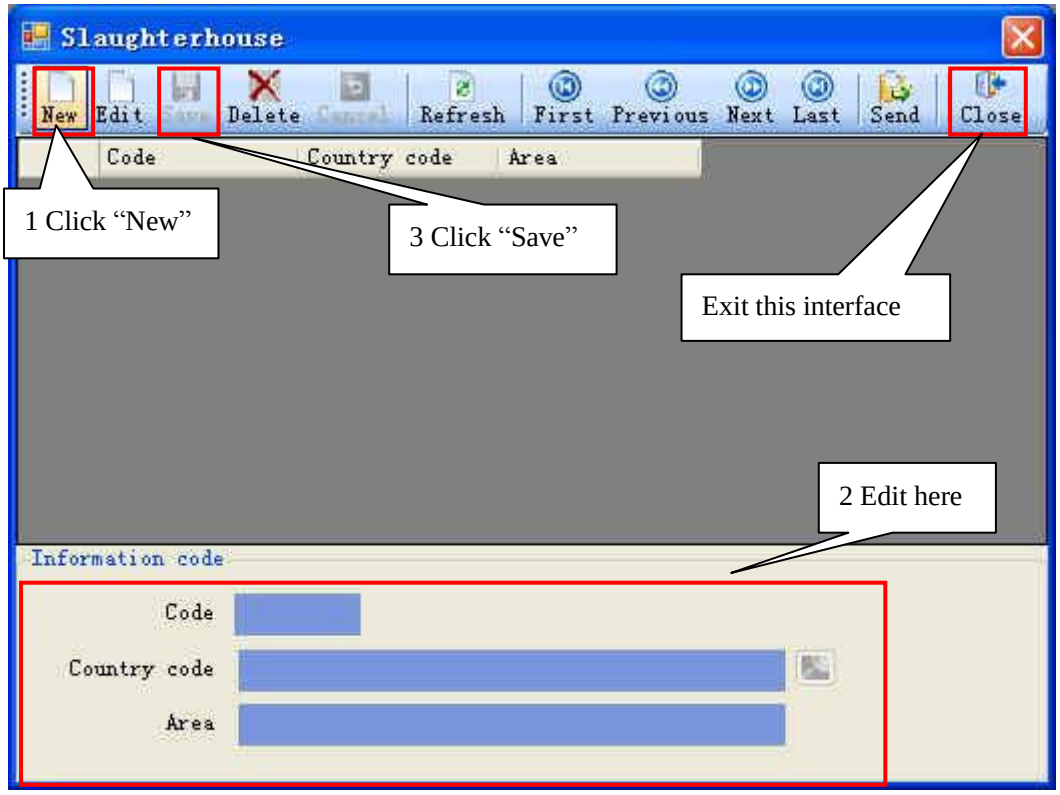



Country
New
Edit
Delete
Refresh
First
Previous
Next
Last
Send
Close
Country code
Country name
China
1 Click “New”
3 Click “Save”
4,Exit this interface
2 Edit here
Country informaion
Country code
Country name

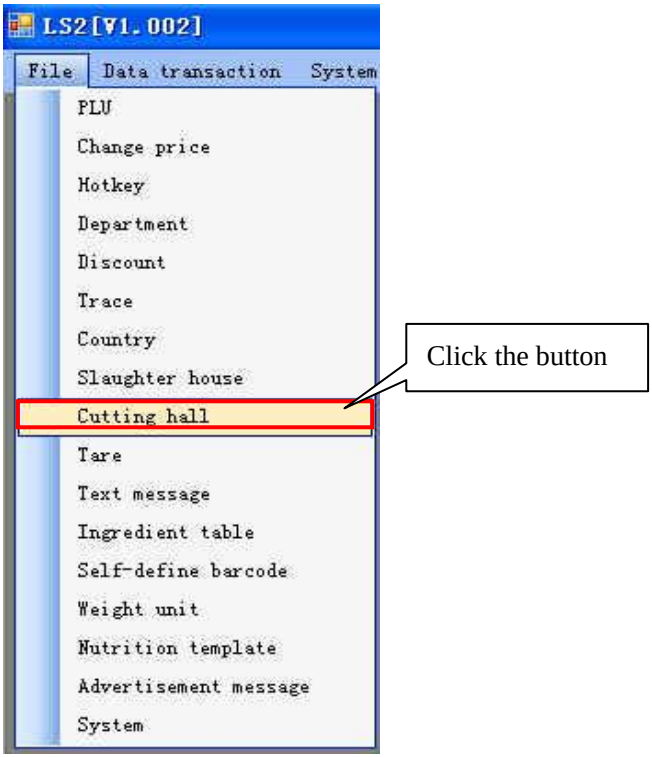

Country
New
Edit
Delete
Refresh
First
Previous
Next
Last
Send
Close
Country code
Country name
China
1, Click “new” to edit next Information
2, Click “Close” to exit to PLU interface
Country informaion
Country code
Country name

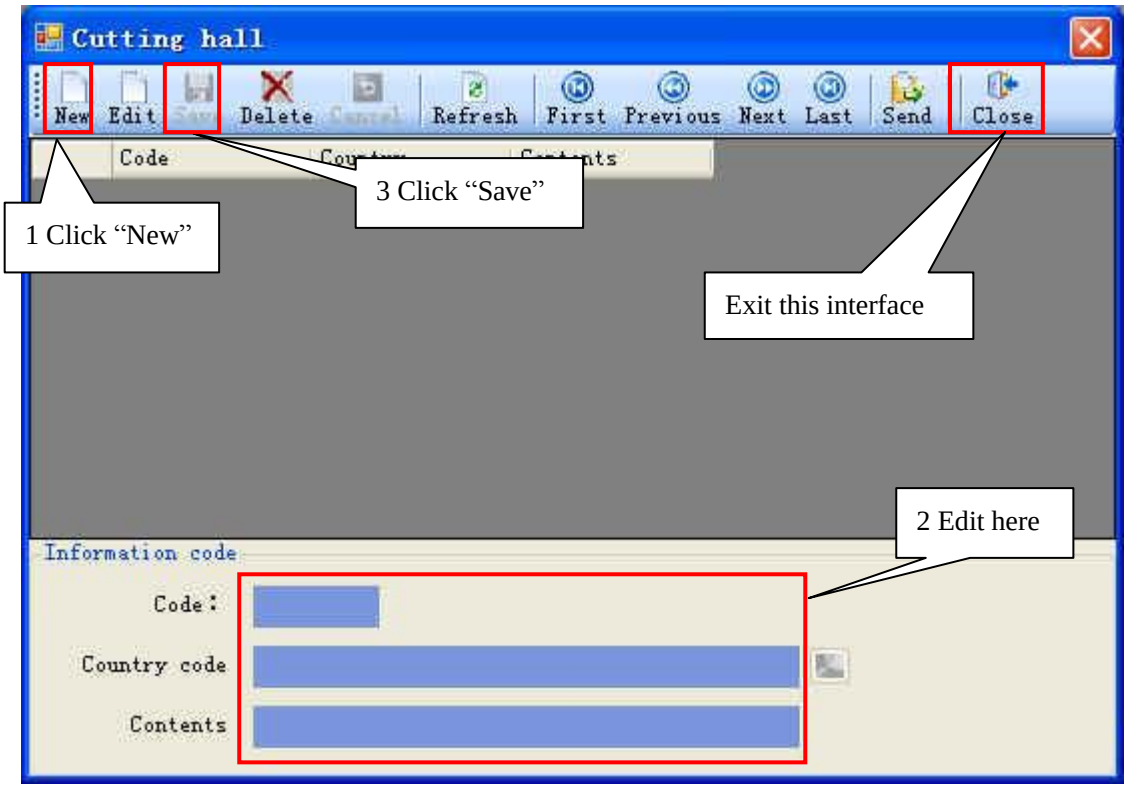
◆ This function is only used for the PLU traceability.
Choose and click “File----Slaughterhouse”



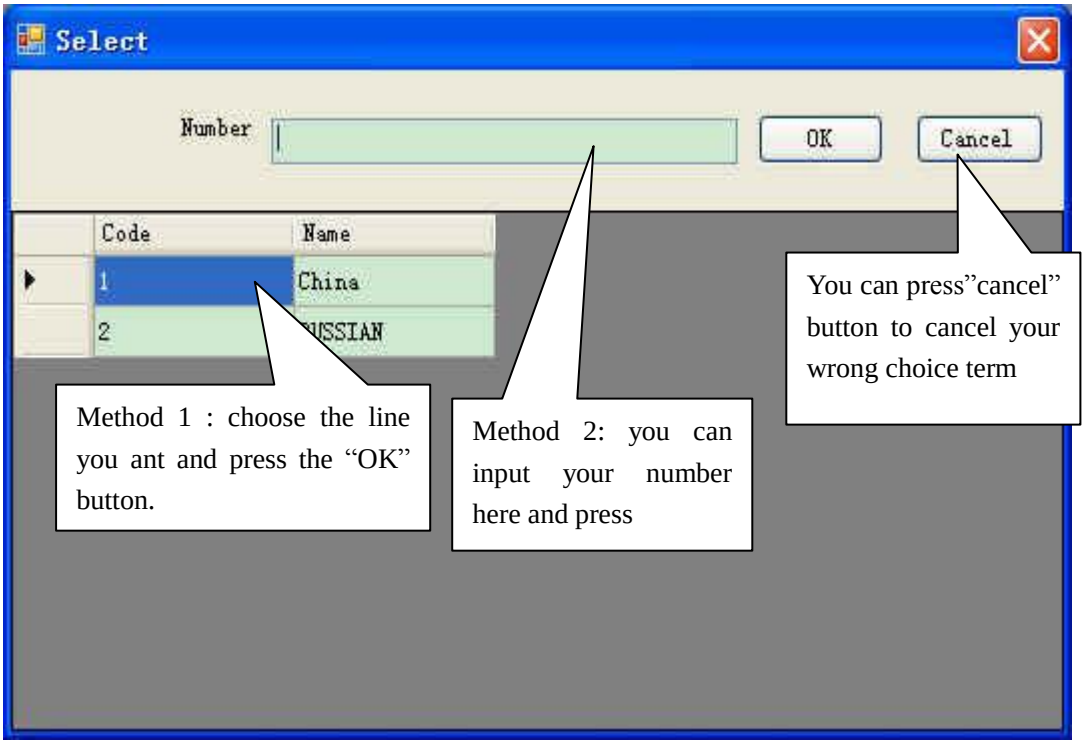


◆ This function is only used for the PLU traceability.
Choose and click “File----Cutting hall”

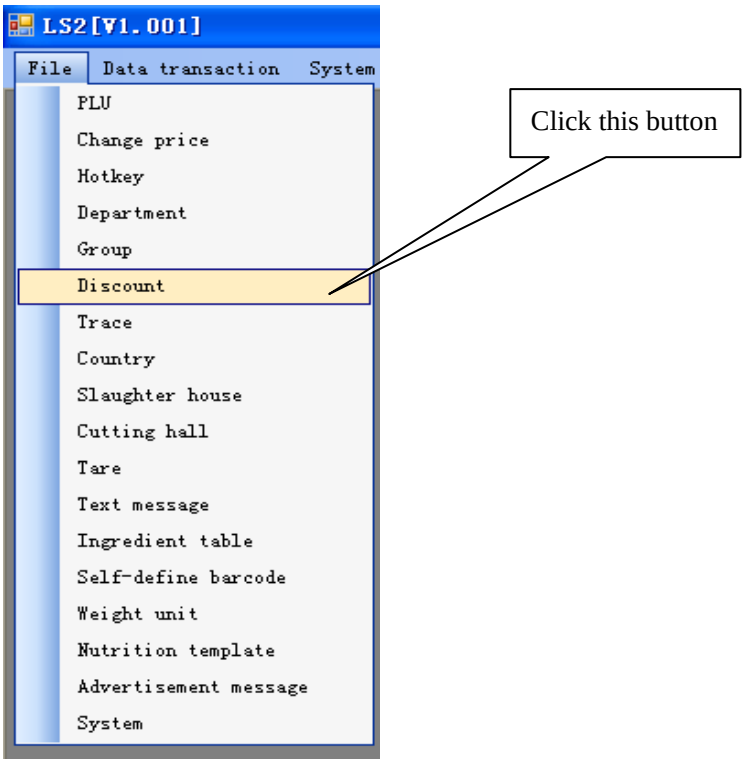


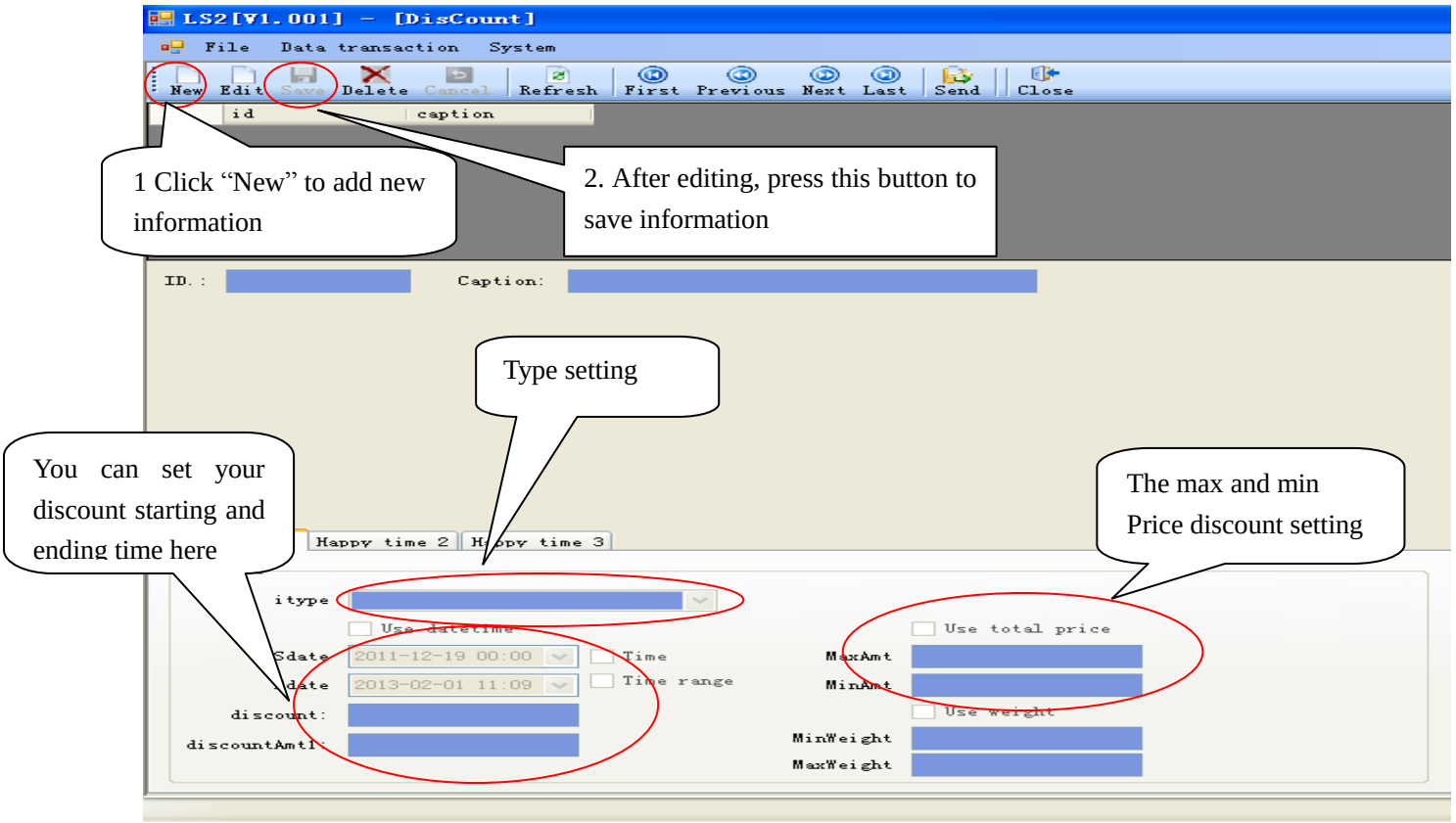

Cutting hall
New
Edit
Save
Delete
Cancel
Refresh
First
Previous
Next
Last
Send
Close
Code
1 Click “New”
3 Click “Save”
Exit this interface
2 Edit here
Information code
Code:
Country code
Contents

Country code
Click it

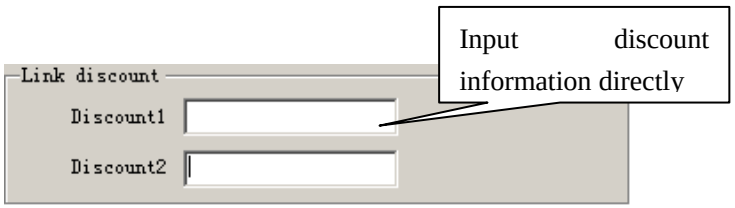

Select
Number
OK
Cancel
Code
Name
1
China
2
Method 1 : choose the line you ant and press the “OK” button.
Method 2: you can input your number here and press
You can press”cancel” button to cancel your wrong choice term

6.3 Discount information editing

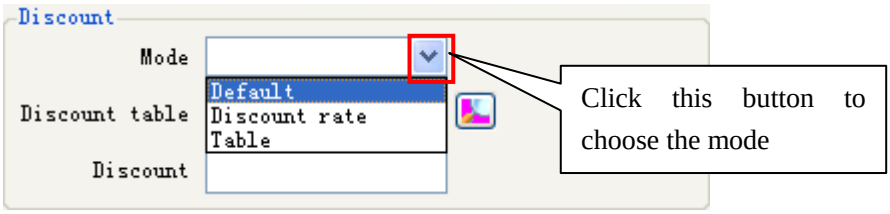




6.4 Link discount information editing

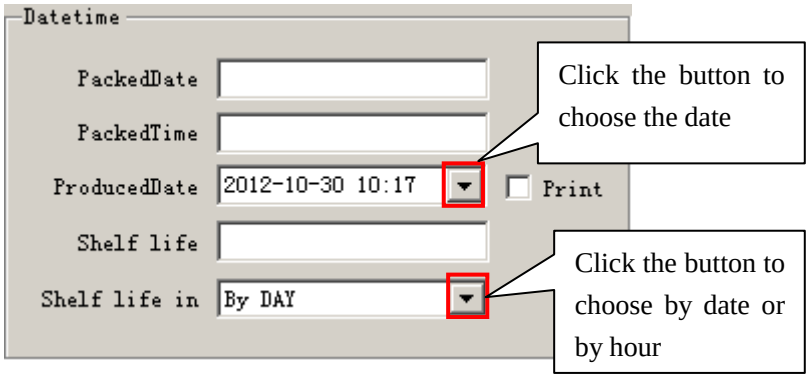


◆ Mode:

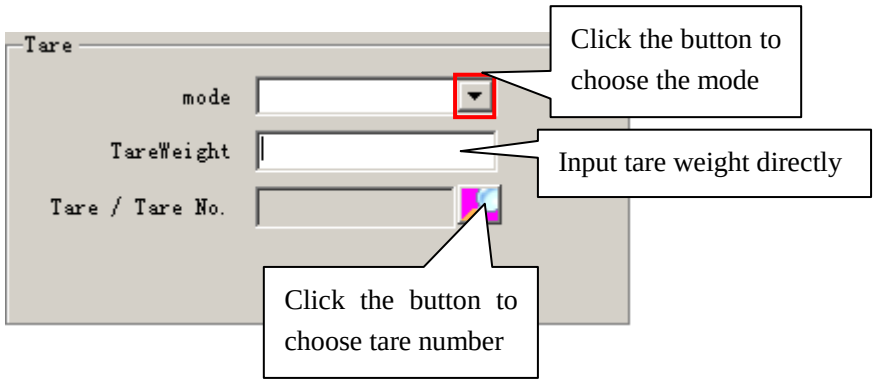


6.5 Date time information editing

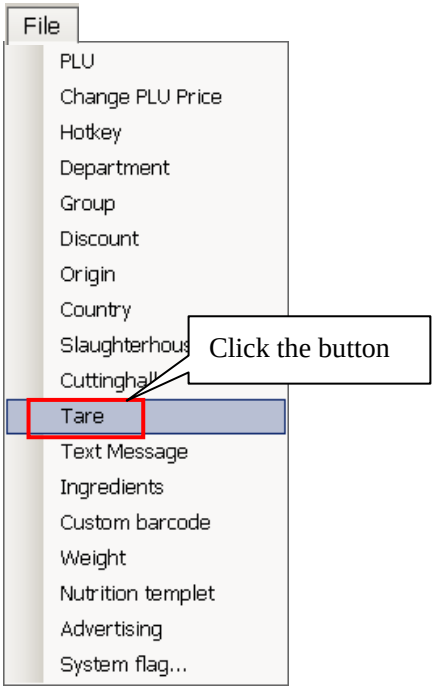
you can edit information on PLU interface directly.

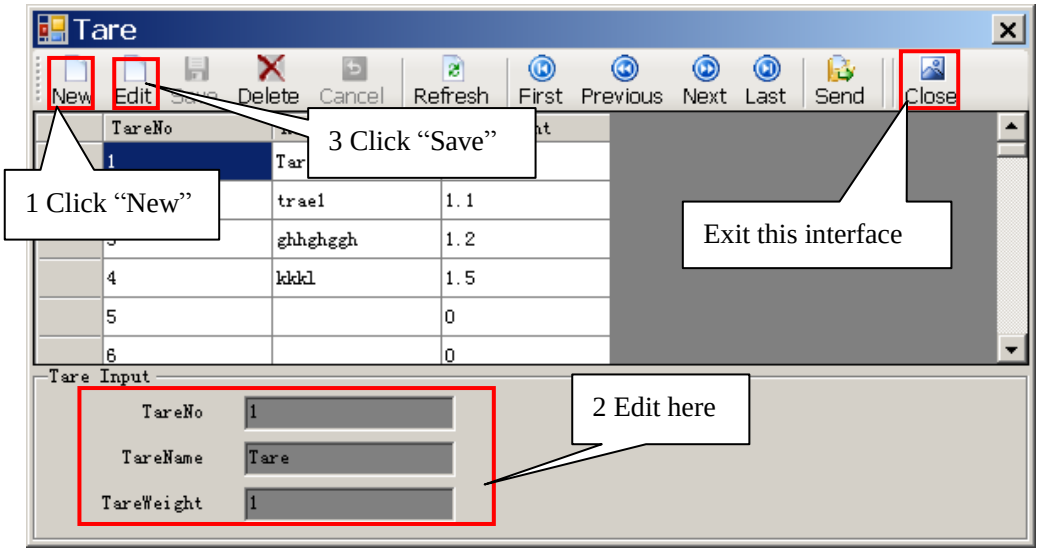


6.6 Tare information editing



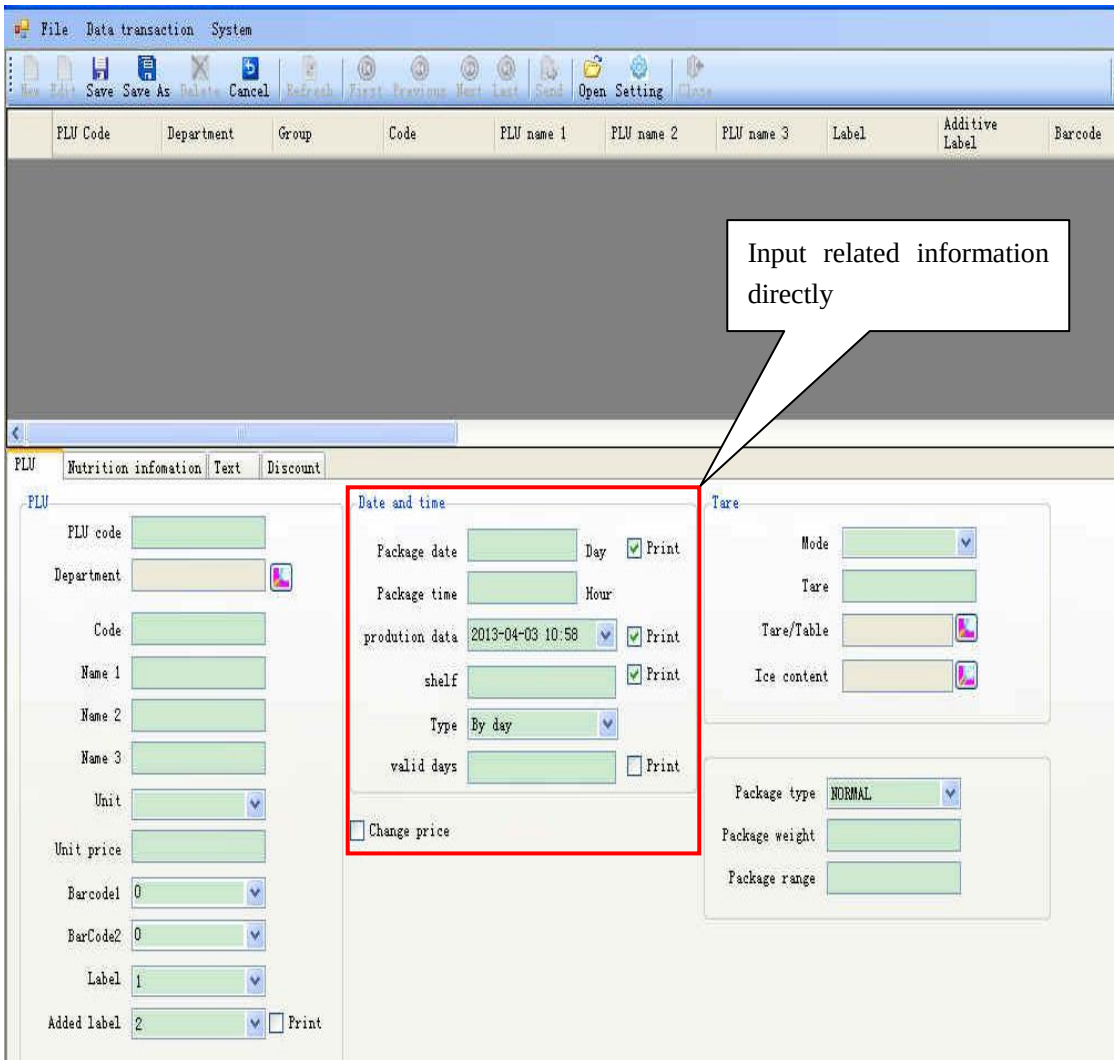
Tare/Tare No.: Choose and click “File----Tare”





You can add more information by pressing “new” button again.

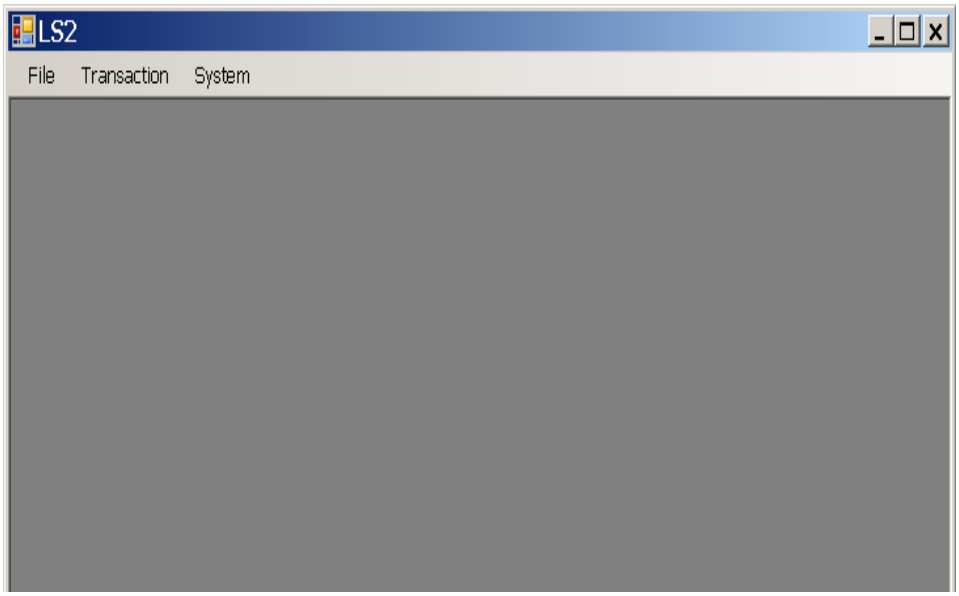
6.7 Package information editing

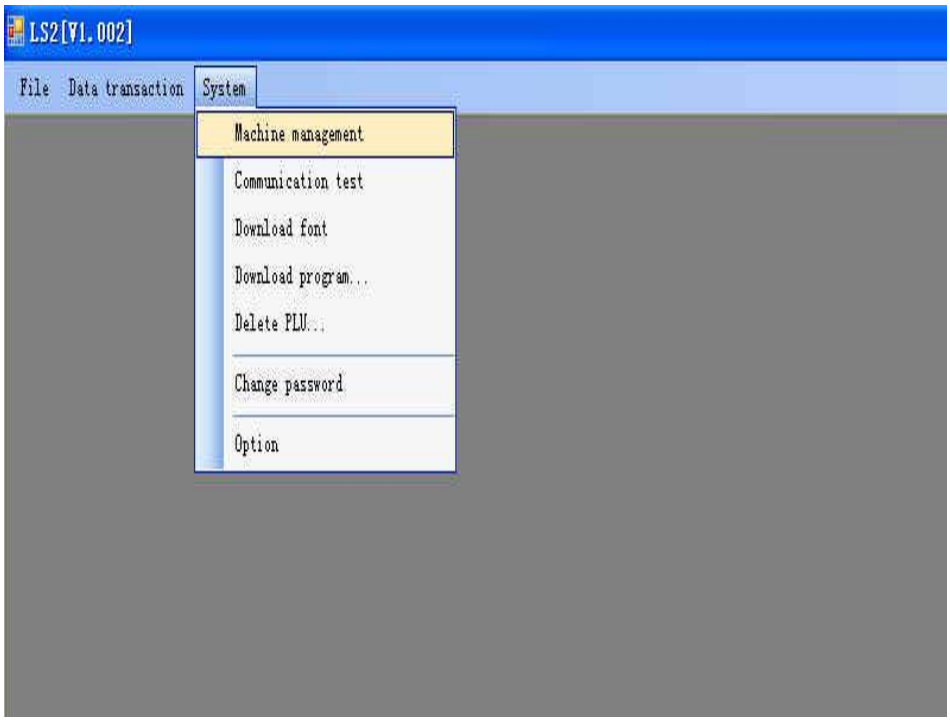


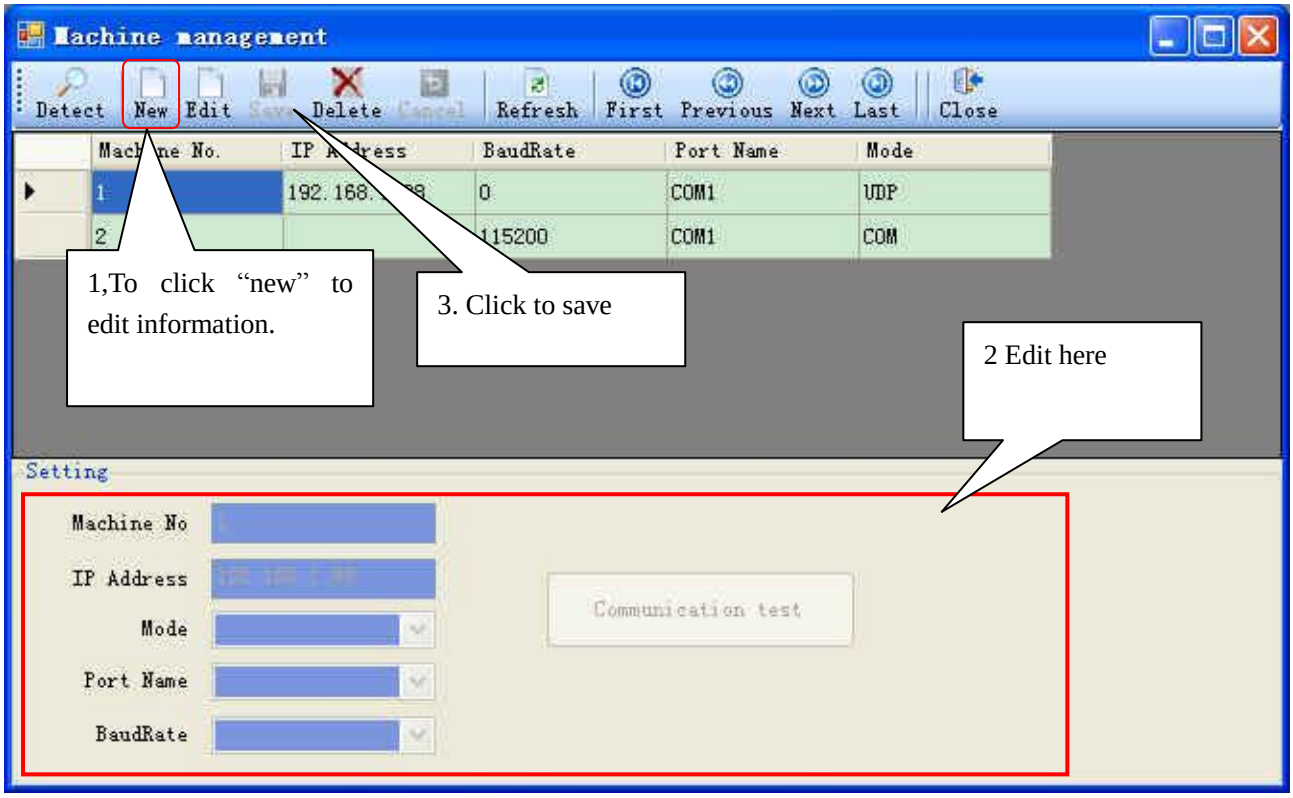
6.8 System

Double click LS2.exe, and then you will see below interface:

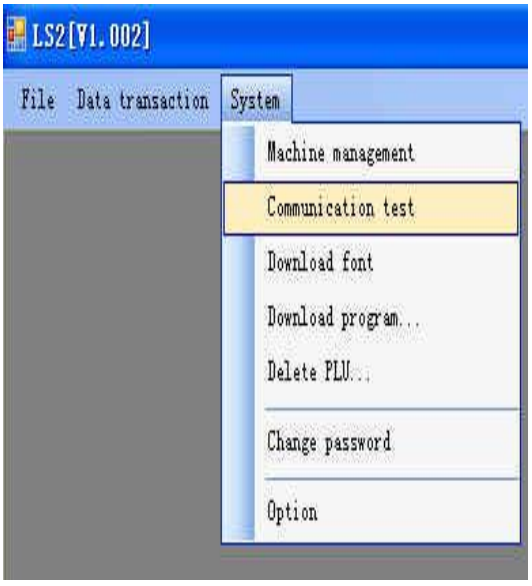
(1) Machine management

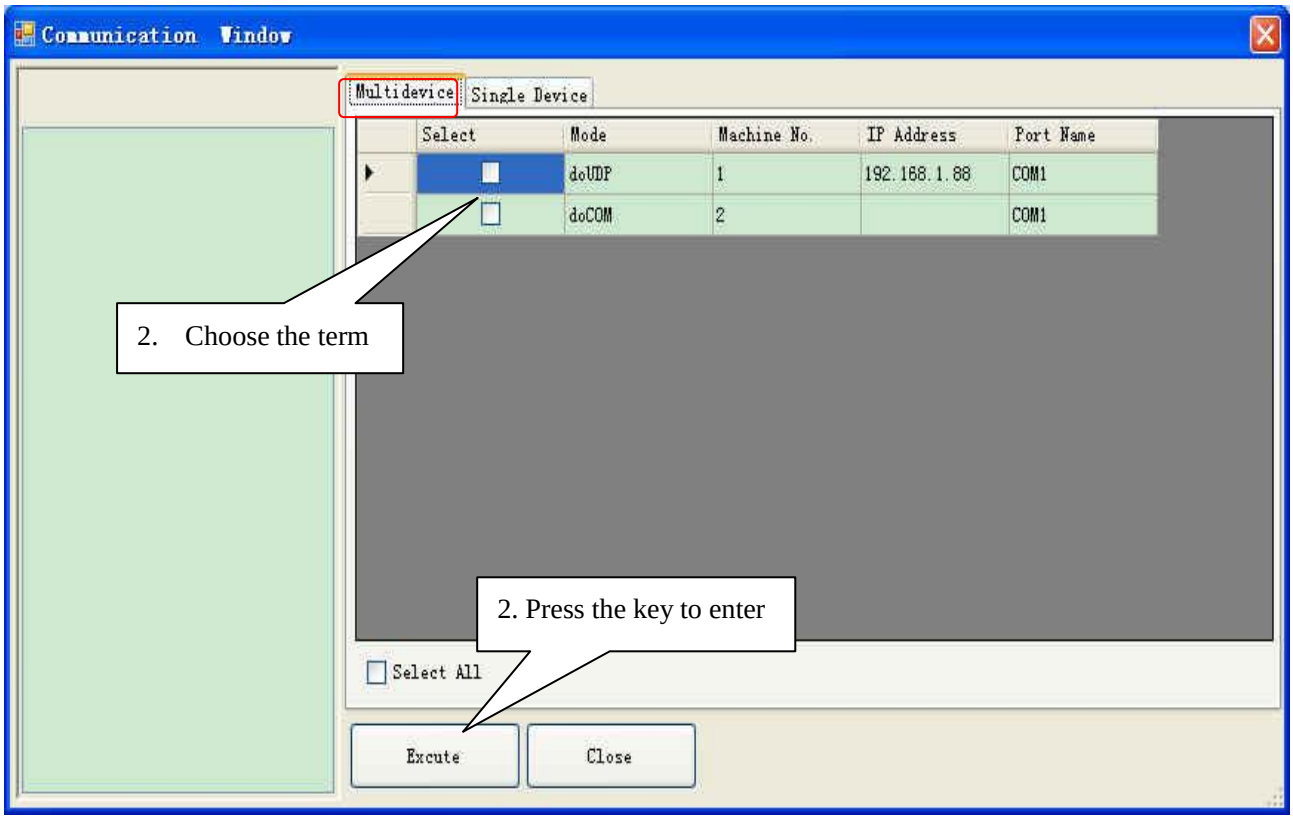


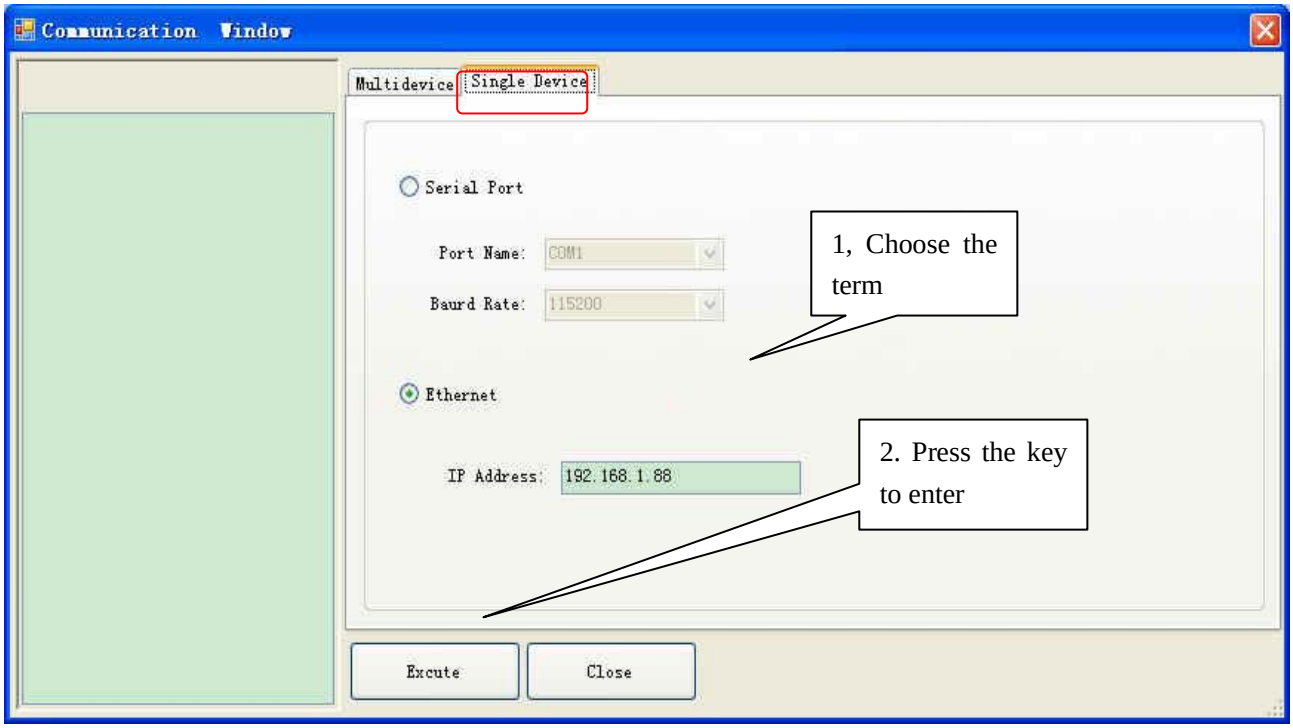




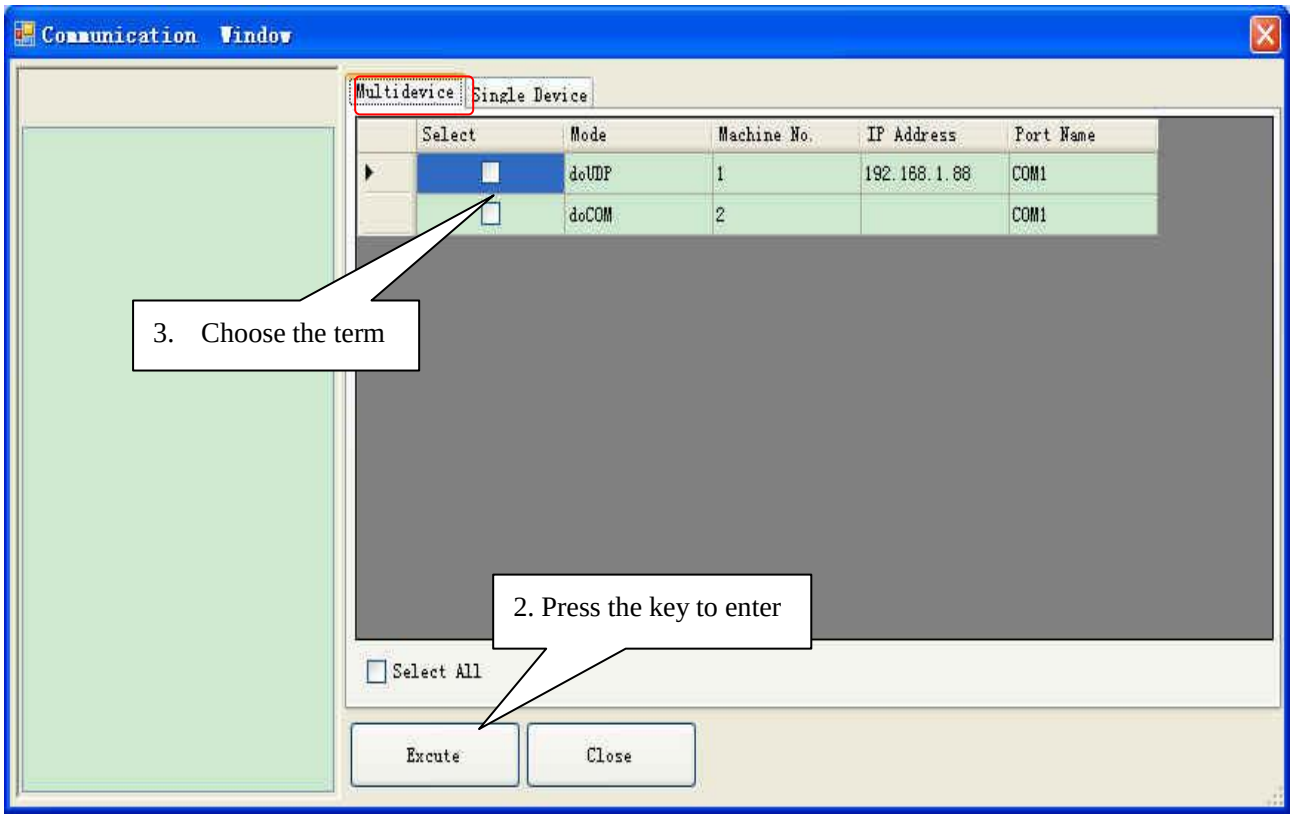
(2) Communication Test

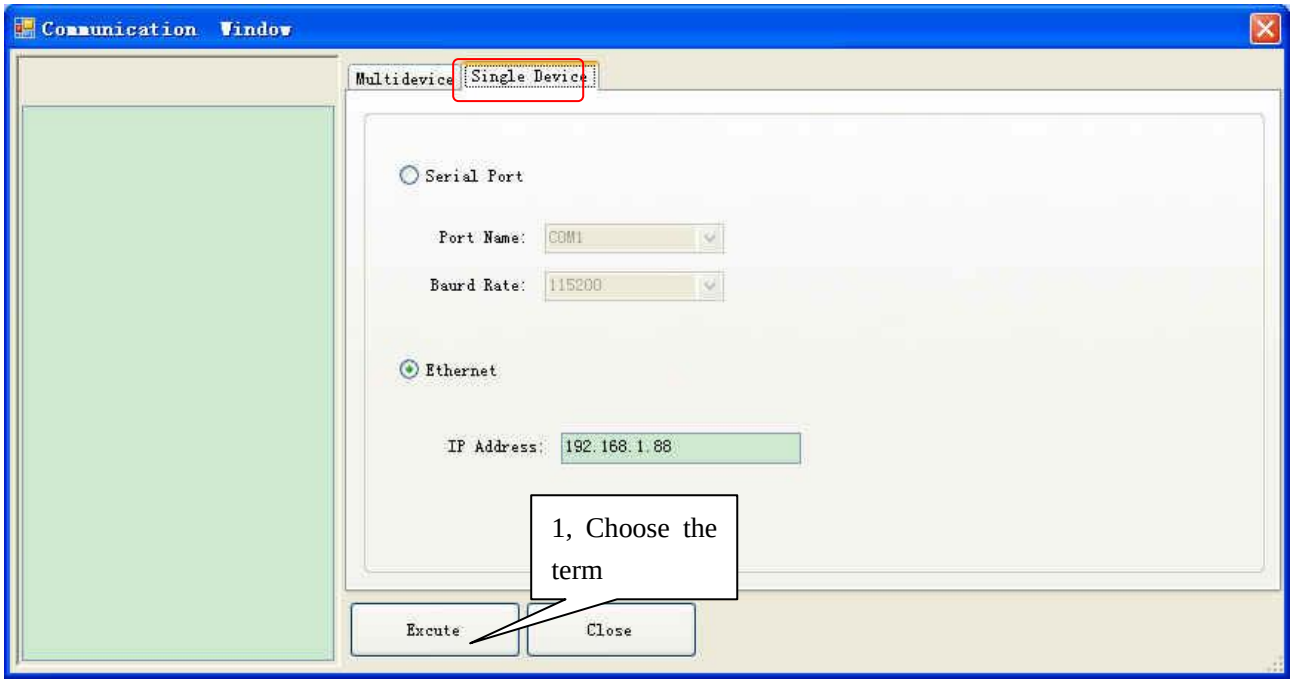



Communication Vindow
Multidevice
Single Device
Select
Mode
Machine No.
IP Address
Port Name
doUDP
1
192.168.1.88
COM1
doCOM
2
COM1
2. Choose the term
2. Press the key to enter
Select All
Excute
Close


Communication Vindow
Multidevice
Single Device
Serial Port
Port Name:
COM1
Baurd Rate:
115200
1, Choose the term
Ethernet
IP Address:
192.168.1.88
2. Press the key to enter
Excute
Close

(3) Download Font

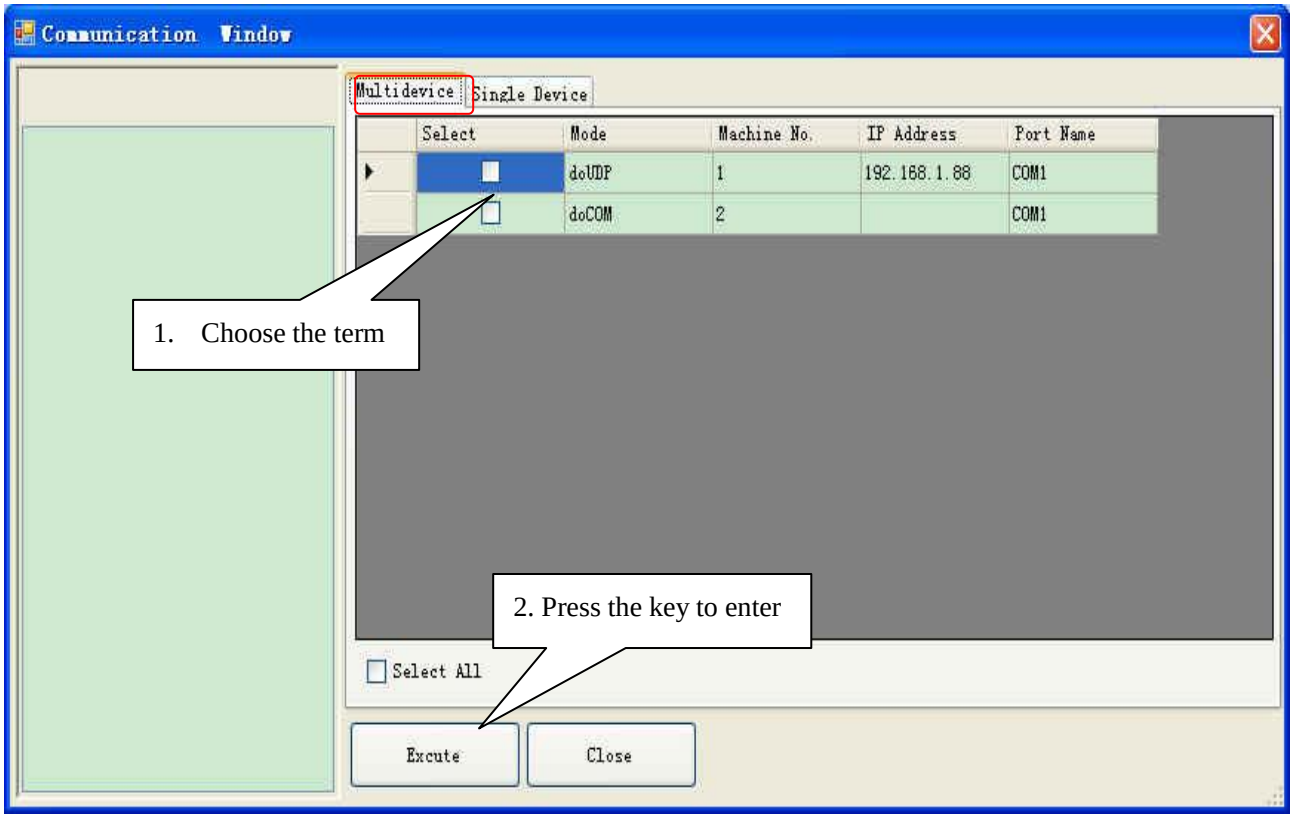


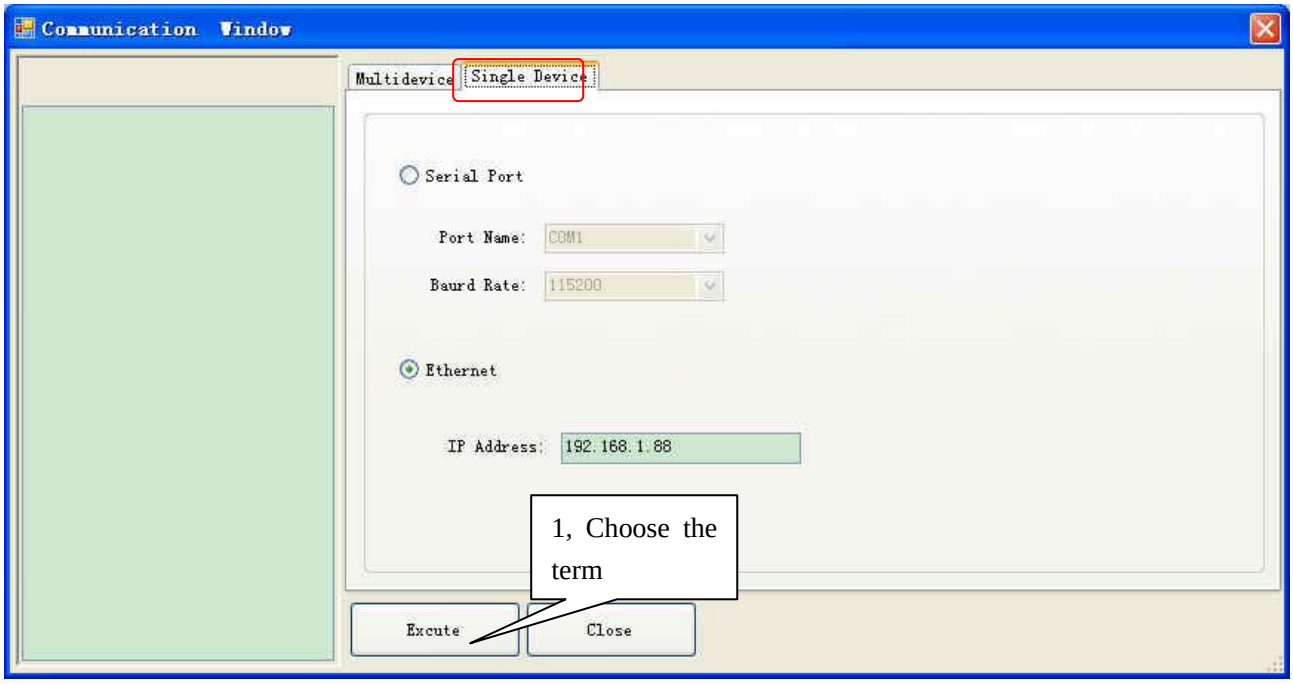


(4) Download program

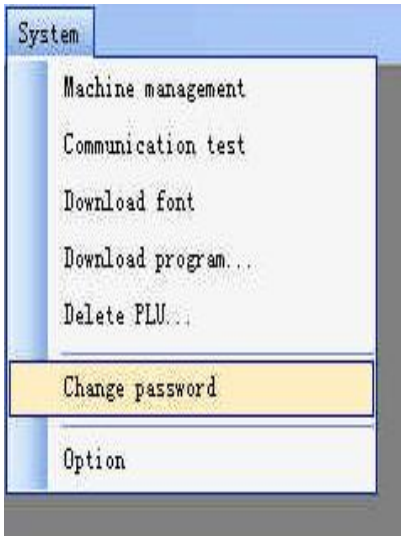
(5) Delete PLU

System
Machine management
Communication test
Download font
Download program...
Delete PLU...
Change password
Option


Communication Window
Multidevice
Single Device
Select
Mode
Machine No.
IP Address
Port Name
doUDP
1
192.168.1.88
COM1
doCOM
2
COM1
1. Choose the term
2. Press the key to enter
Select All
Excute
Close



(6) Change password

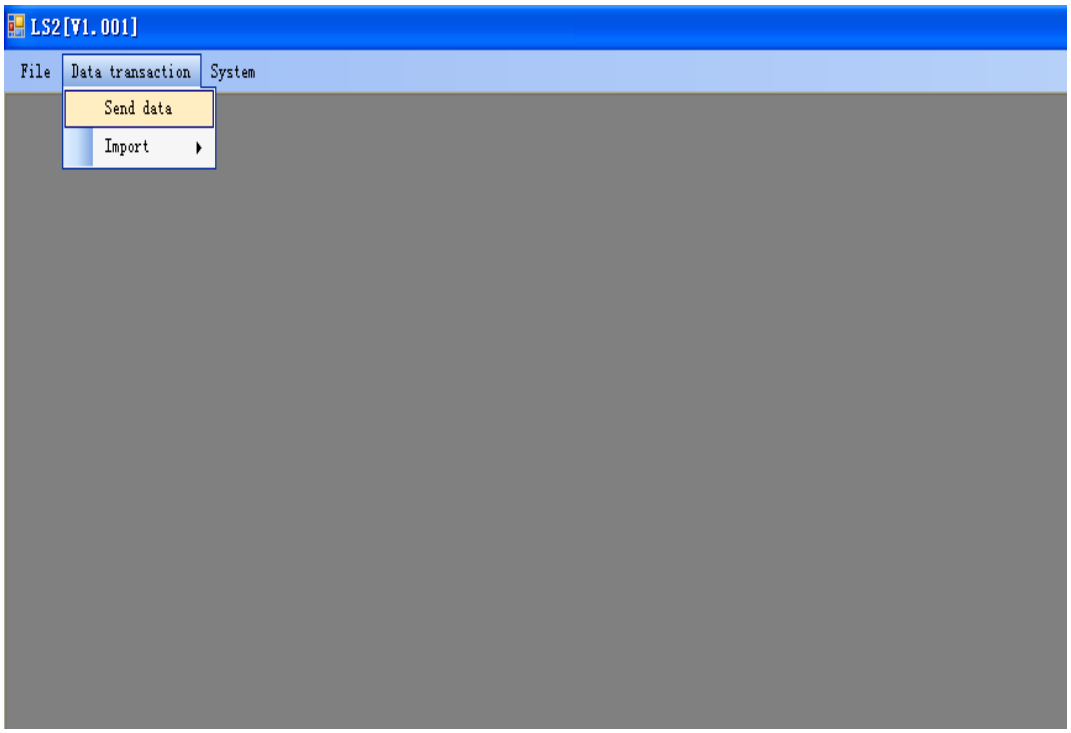


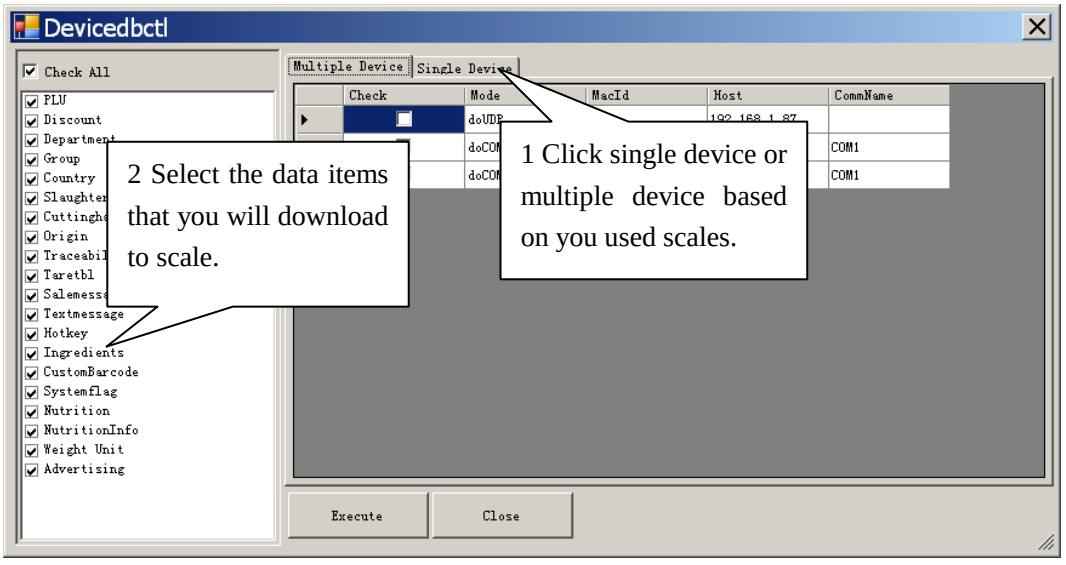
6.9 Data Transaction function

◆ Send data function

This function is used to download data from PC to scale.

Click “Data Transaction----send data”, and then you will see below interface:

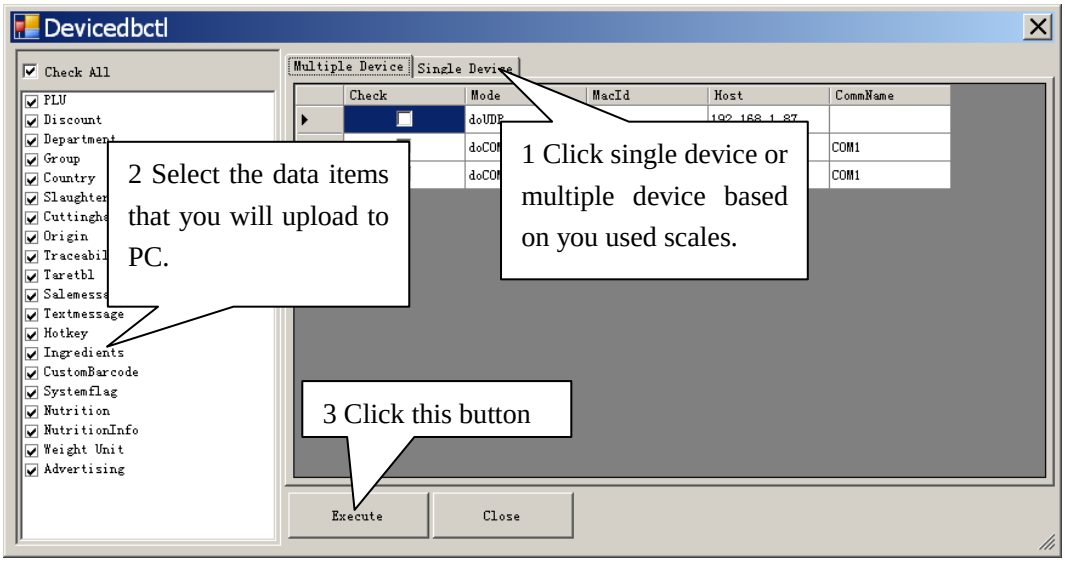




◆ **Import data function**

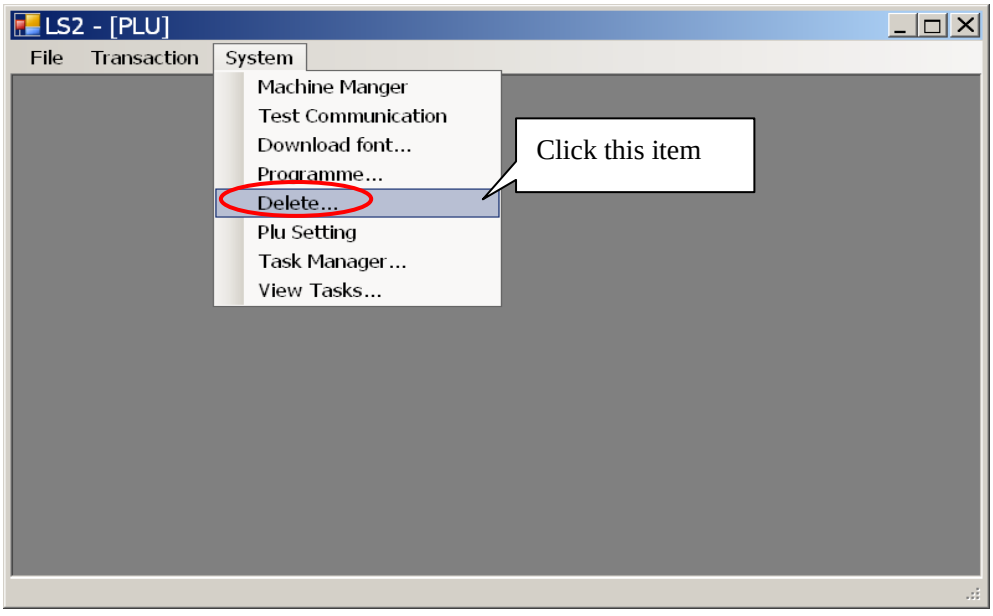
This function is used to upload data from scale to PC.

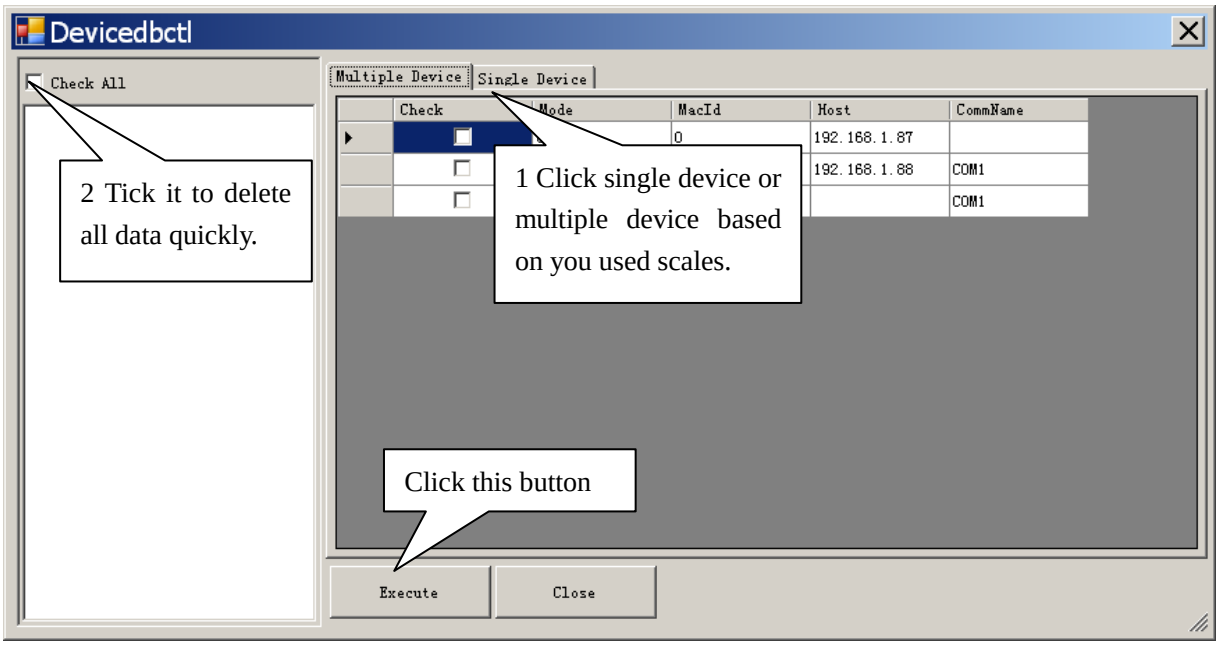
Click “Data Transaction----import ----from device”, and then you will see below interface:



6.10 Delete PLU data function

Choose and click “System——Delete”，and then you will see below interface:

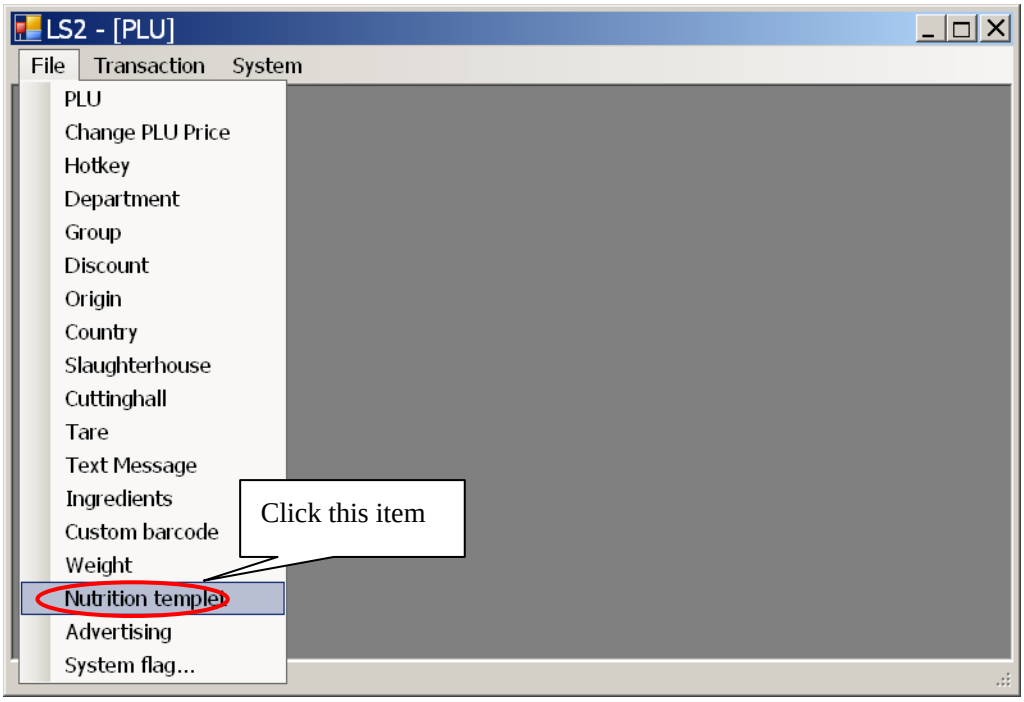


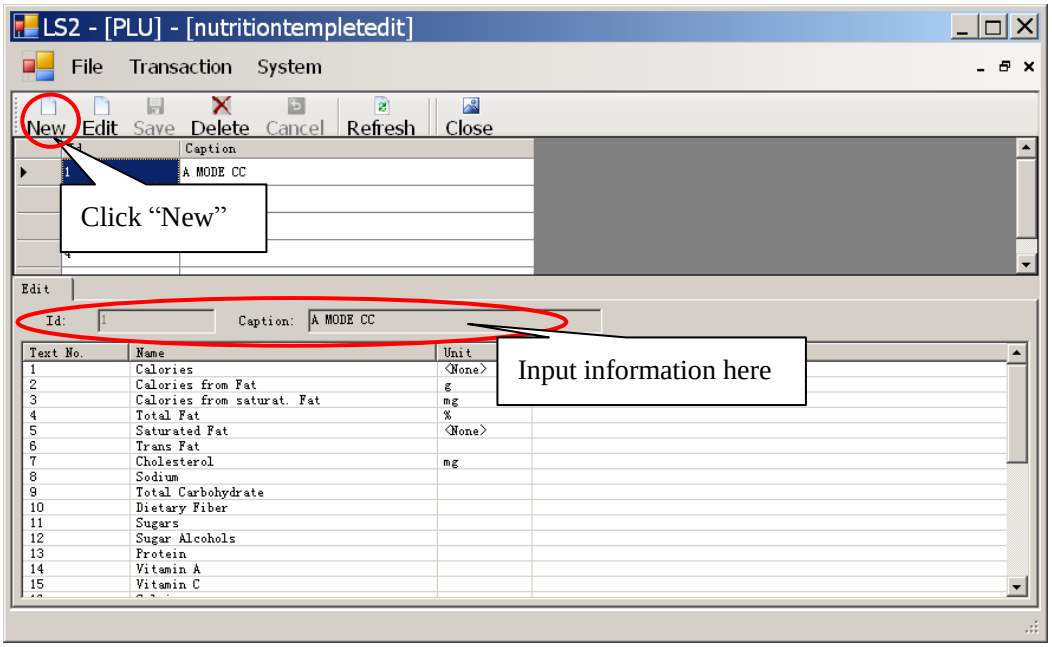


6.11 Nutrition template

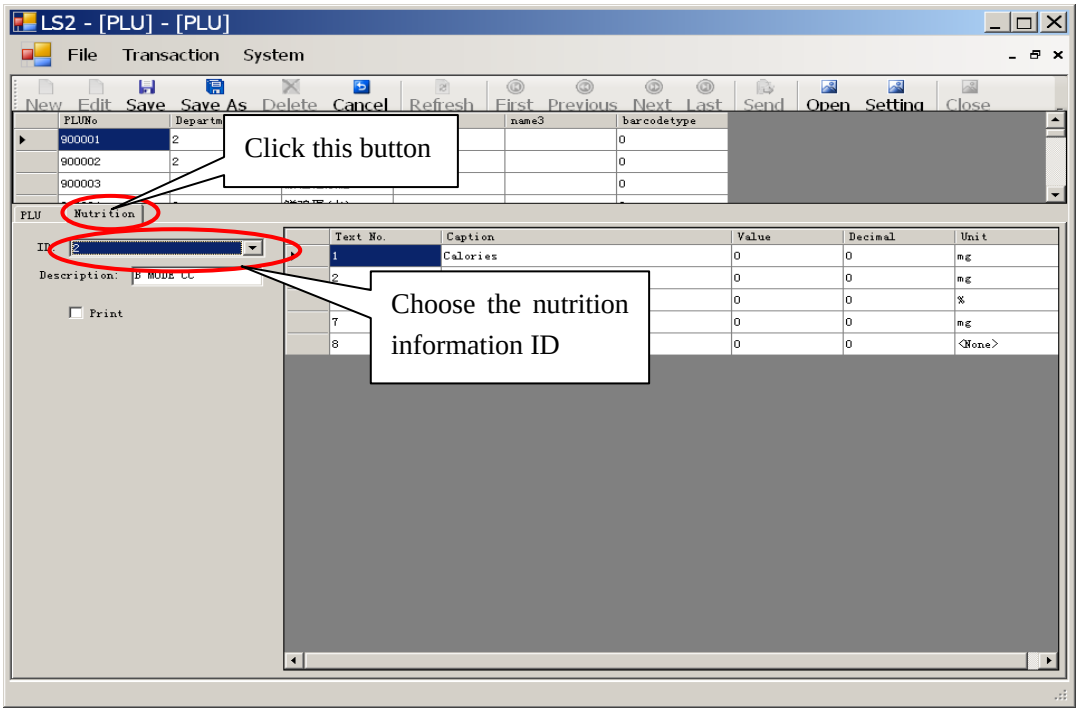
◆ **Edit nutrition information**

Choose and click "File---nutrition template"



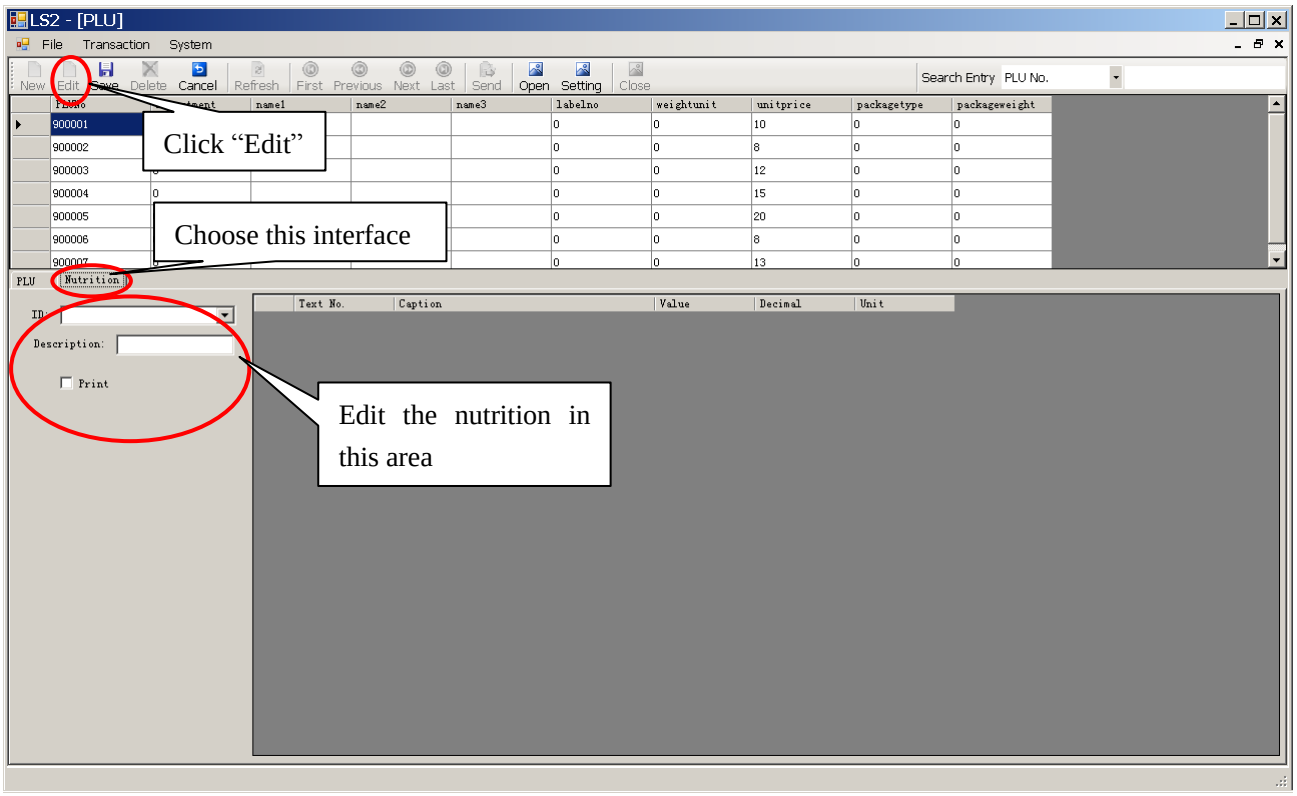


◆ **Use the nutrition information**



6.12 How to edit nutrition

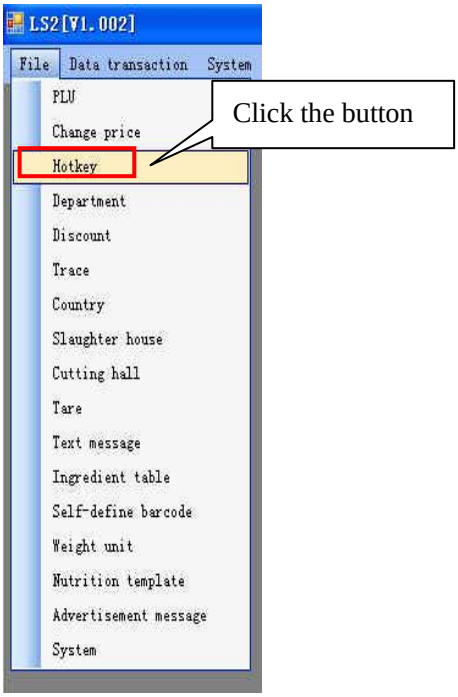
Choose and click “File---- PLU”

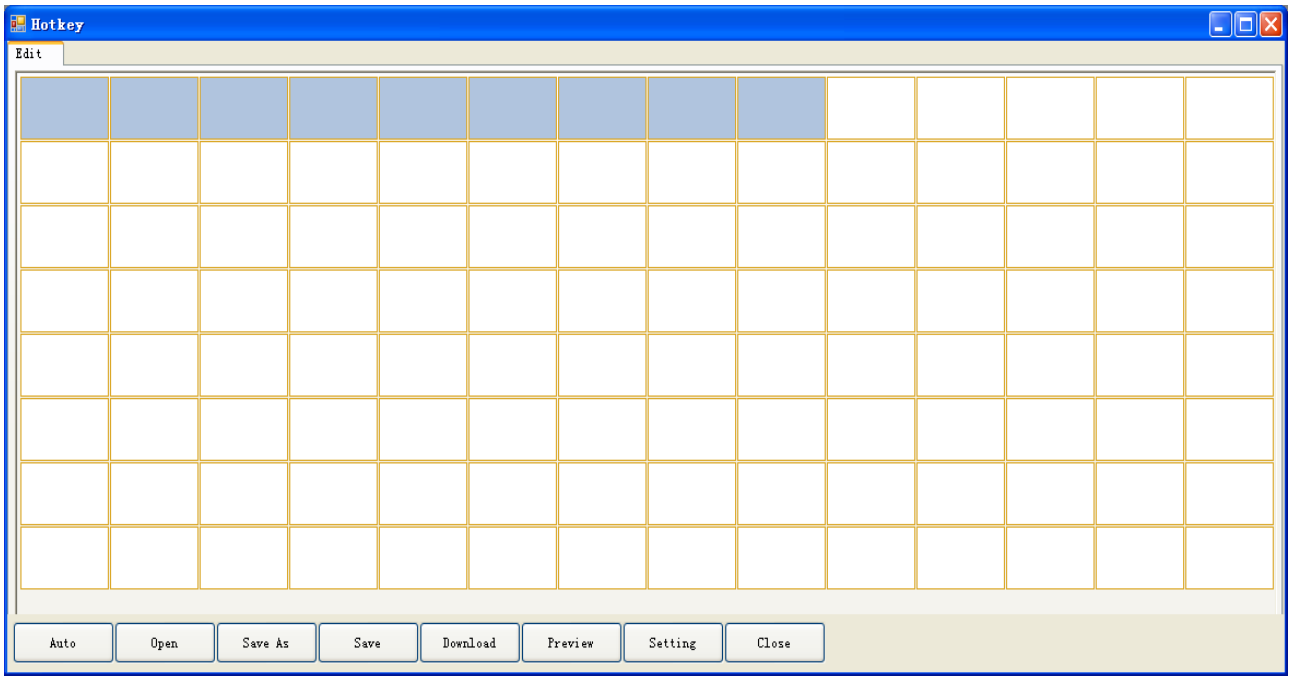


After your editing, please press “save” to keep information.

7 HOEKEY

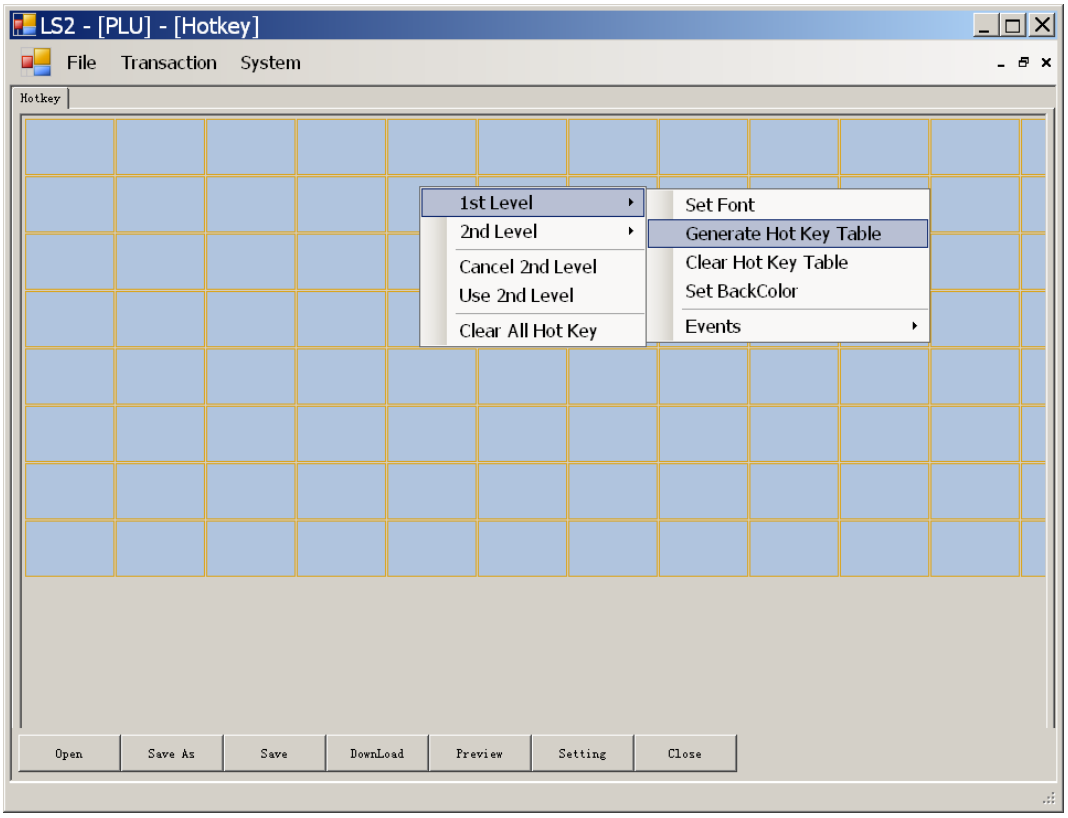
This chapter is to explain for you how to make hotkey sheet. Click “File---Hotkey”

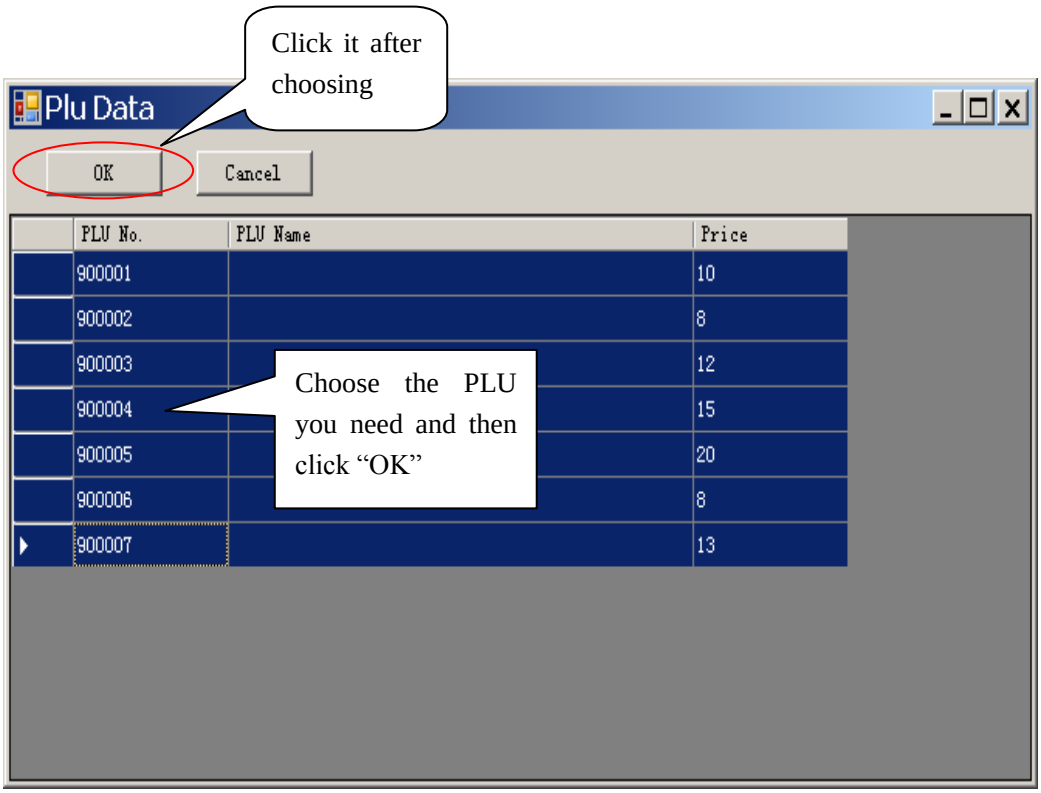


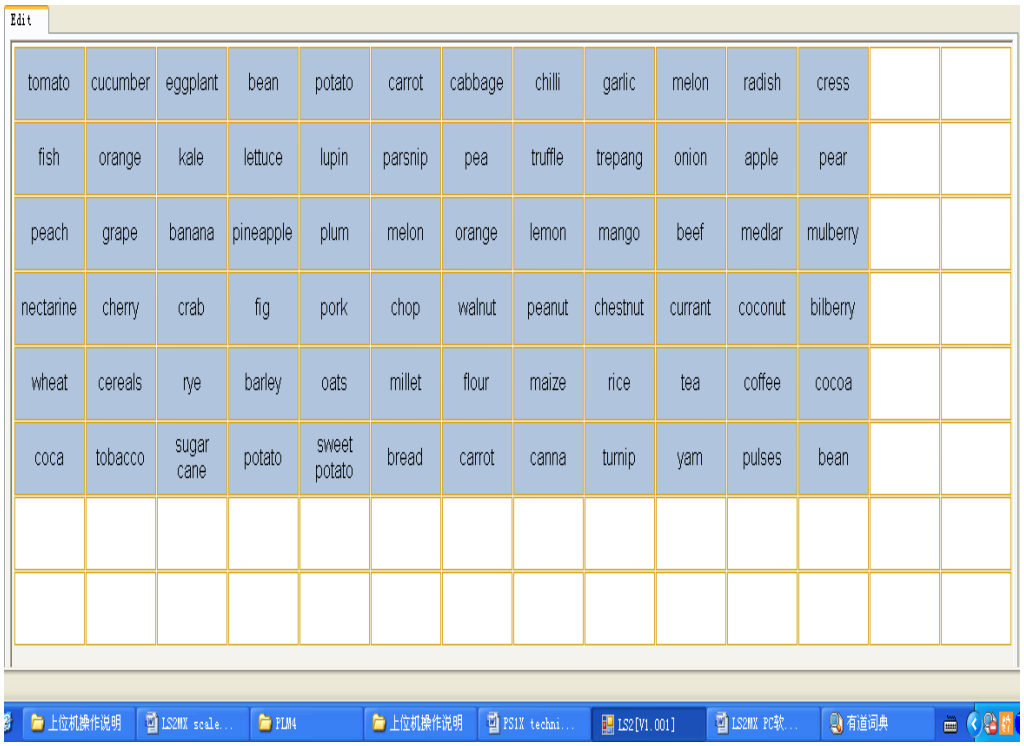


We can set one hotkey with two levels for sparing space and a convenient operation, which means a hotkey refers to two goods and we can choose them by pressing “shift” on keyboard. Please follow steps

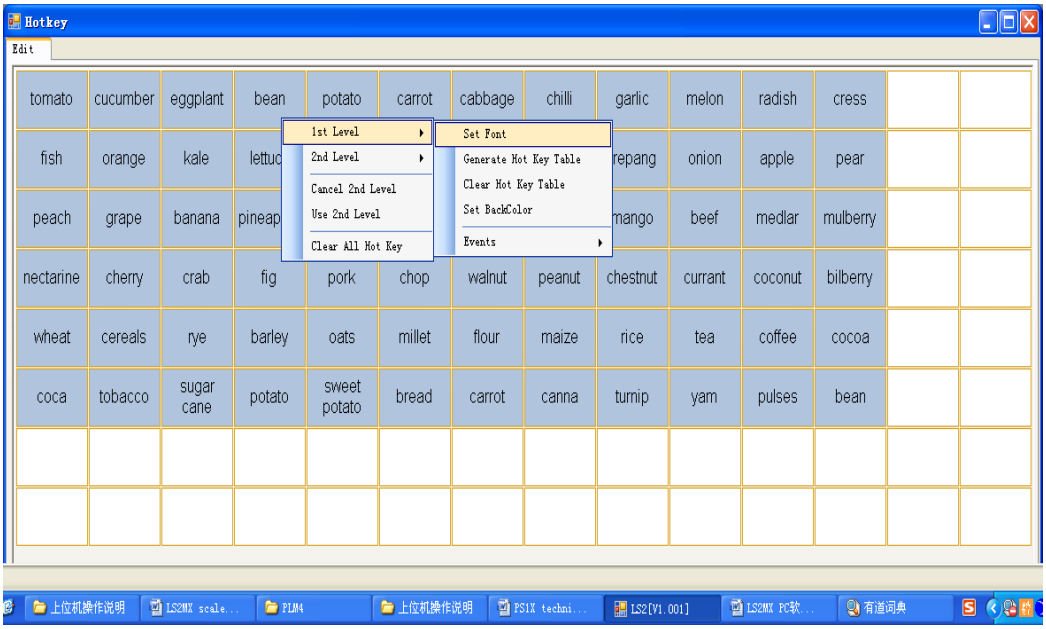
1st level: use your mouse to select area where you want to set into hotkey , put them in selected status and then click the right button of your mouse like below

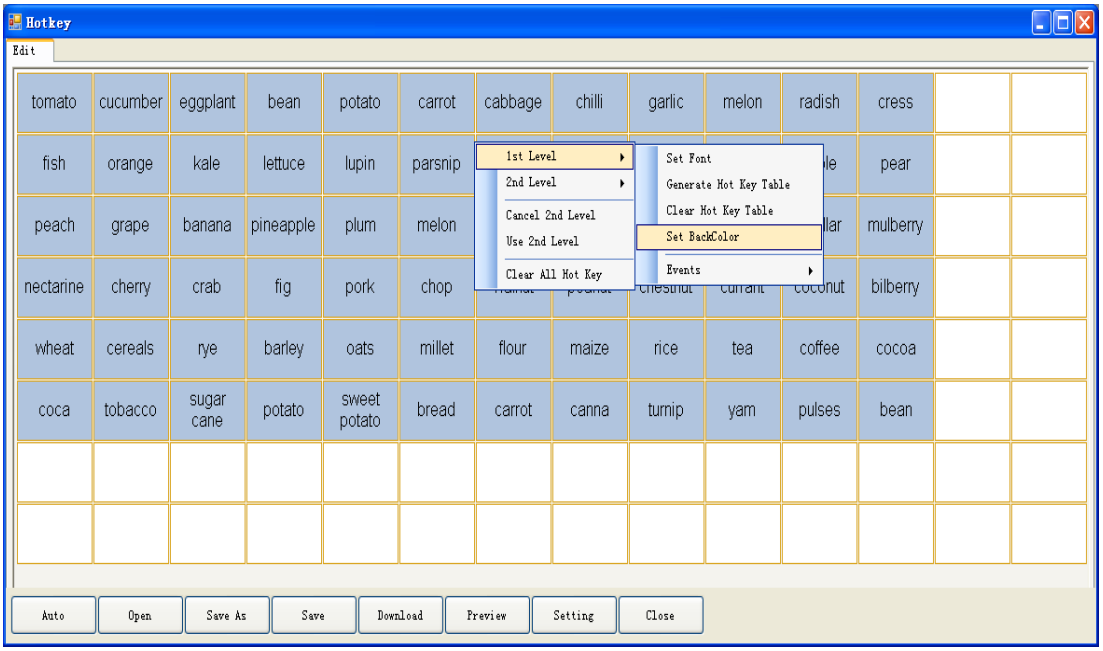




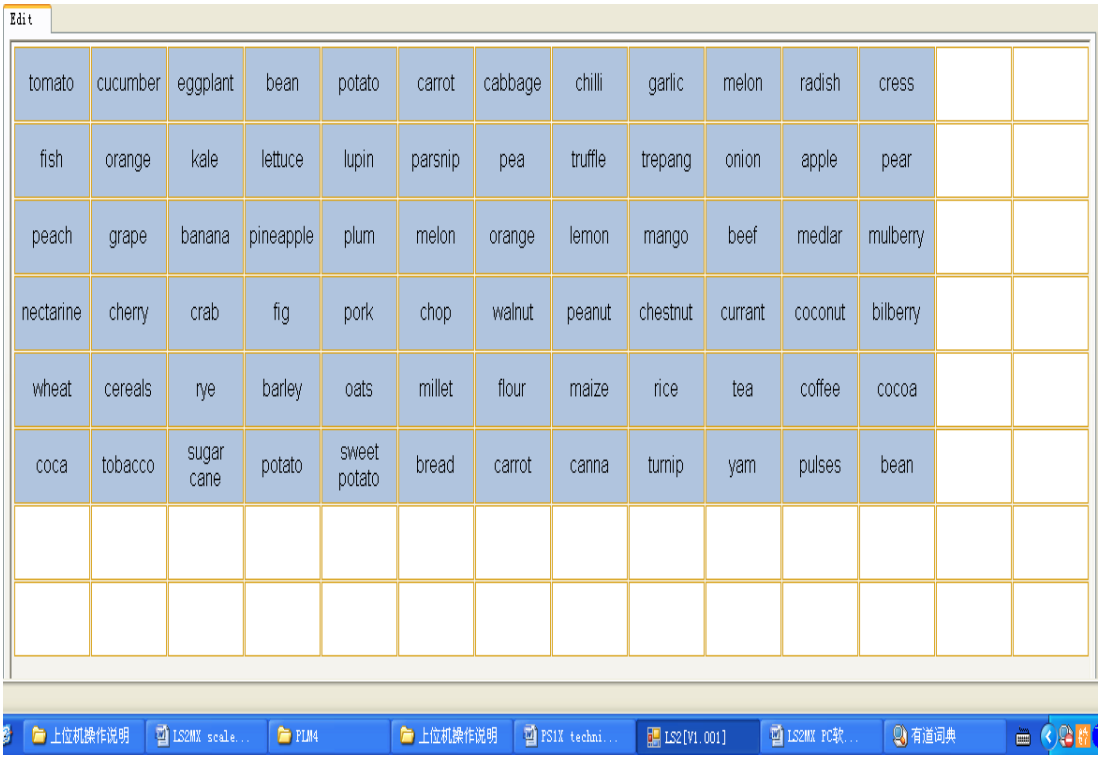


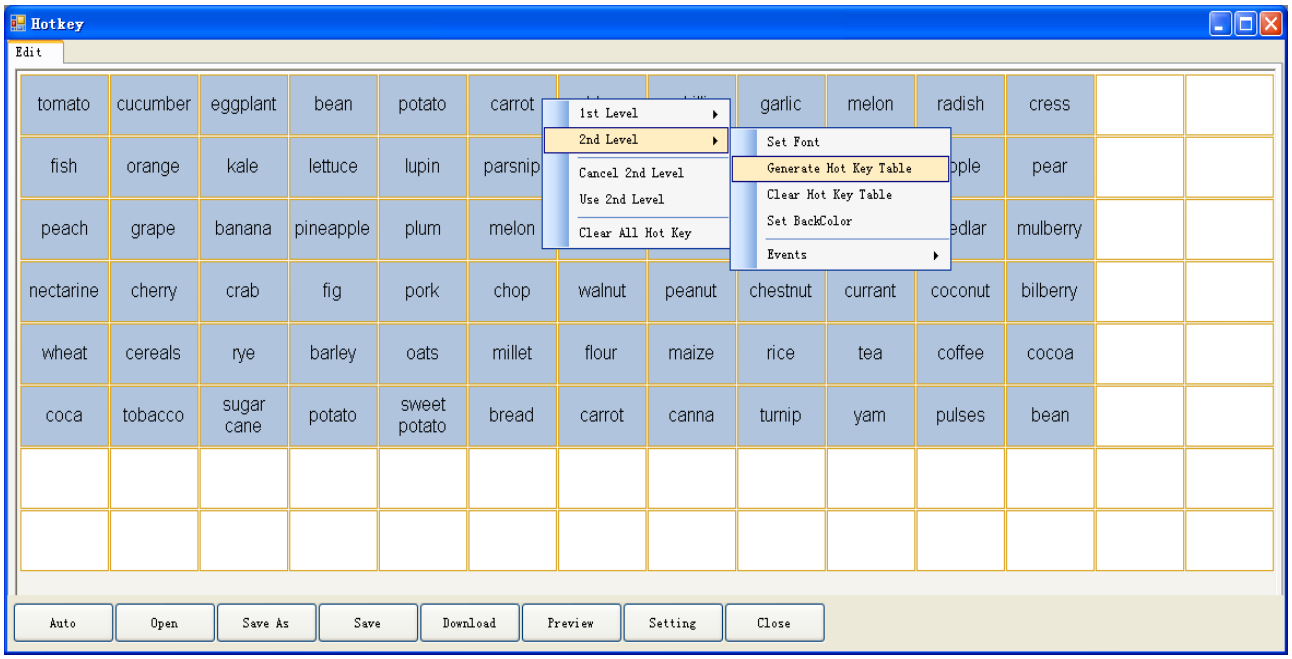
Then, if you are not satisfied with the font, or back color you can set what you need like below
Clear Hot Key Table--- clear all messages on the hot key table.

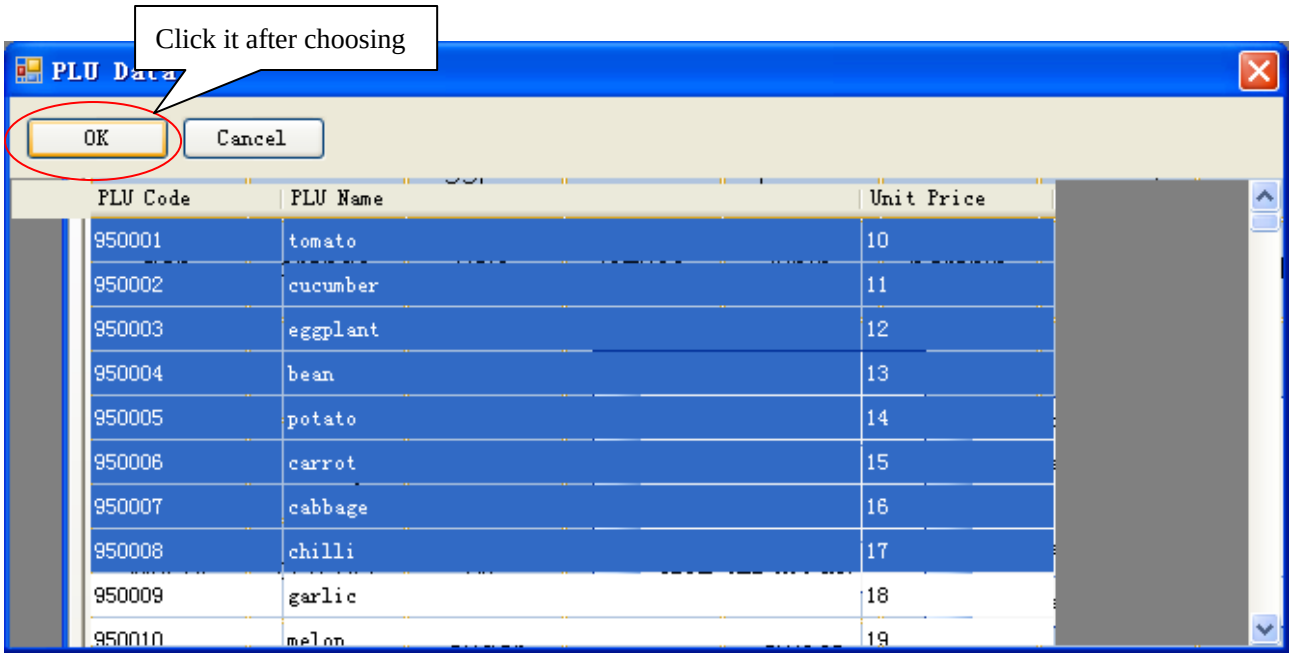


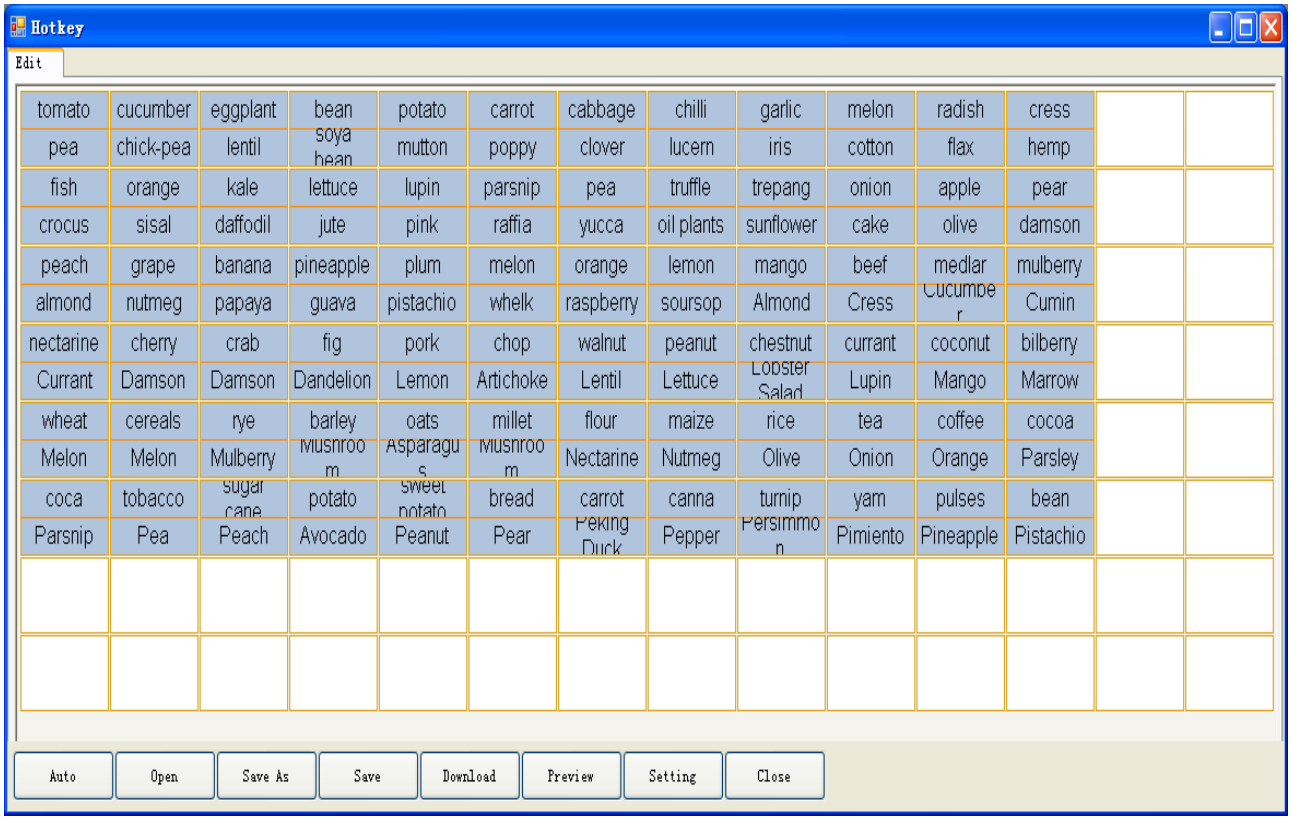

Hotkey
Edit
tomato cucumber eggplant bean potato carrot cabbage chilli garlic melon radish cress
fish orange kale lettuce lupin parsnip pea truffle trepang onion apple pear
peach grape banana pineapple plum melon orange lemon mango beef medlar mulberry
nectarine cherry crab fig pork chop walnut peanut chestnut currant coconut bilberry
wheat cereals rye barley oats millet flour maize rice tea coffee cocoa
coca tobacco sugar cane potato sweet potato bread carrot canna turnip yam pulses bean
1st Level
2nd Level
Cancel 2nd Level
Use 2nd Level
Clear All Hot Key
Set Font
Generate Hot Key Table
Clear Hot Key Table
Set BackColor
Events
Auto
Open
Save As
Save
Download
Preview
Setting
Close

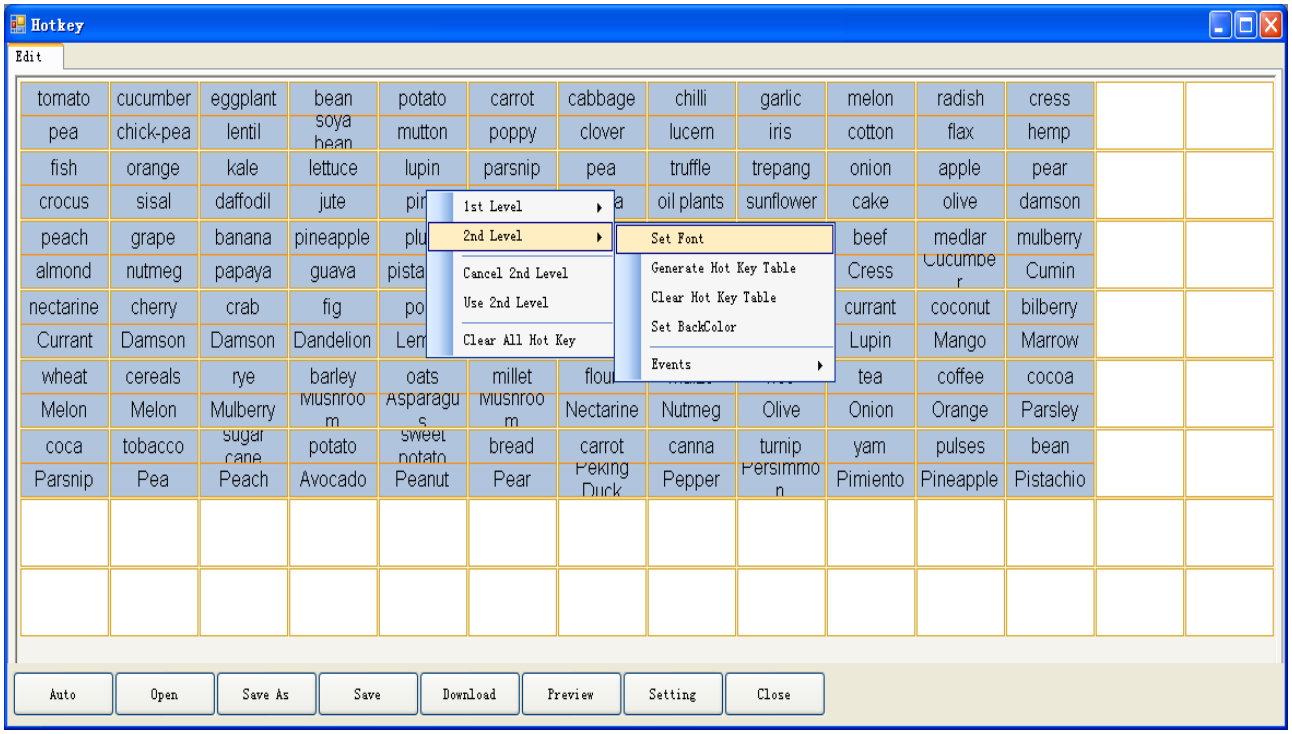
2st level:

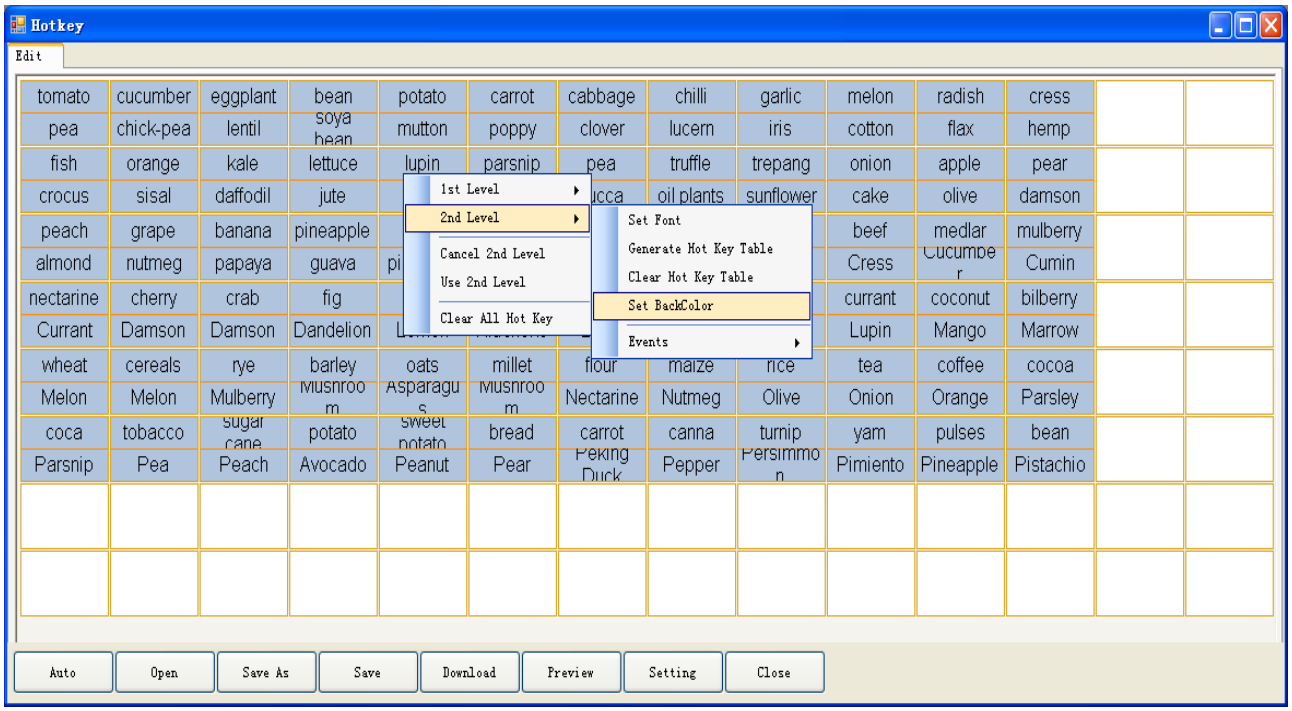

Edit
tomato cucumber eggplant bean potato carrot cabbage chilli garlic melon radish cress
fish orange kale lettuce lupin parsnip pea truffle trepang onion apple pear
peach grape banana pineapple plum melon orange lemon mango beef medlar mulberry
nectarine cherry crab fig pork chop walnut peanut chestnut currant coconut bilberry
wheat cereals rye barley oats millet flour maize rice tea coffee cocoa
coca tobacco sugar cane potato sweet potato bread carrot canna turnip yam pulses bean
上位机操作说明
LS2MX scale...
PLM4
上位机操作说明
PS1X techni...
LS2[V1.001]
LS2MX PC软...
有道词典


Hotkey
Edit
tomato
cucumber
eggplant
bean
potato
carrot
garlic
melon
radish
cress
fish
orange
kale
lettuce
lupin
parsnip
pear
peach
grape
banana
pineapple
plum
melon
mulberry
nectarine
cherry
crab
fig
pork
chop
walnut
peanut
chestnut
currant
coconut
bilberry
wheat
cereals
rye
barley
oats
millet
flour
maize
rice
tea
coffee
cocoa
coca
tobacco
sugar cane
potato
sweet potato
bread
carrot
canna
turnip
yam
pulses
bean
1st Level
2nd Level
Cancel 2nd Level
Use 2nd Level
Clear All Hot Key
Set Font
Generate Hot Key Table
Clear Hot Key Table
Set BackColor
Events
Auto
Open
Save As
Save
Download
Preview
Setting
Close


Click it after choosing
OK
Cancel
PLU Code
PLU Name
Unit Price
950001 tomato 10
950002 cucumber 11
950003 eggplant 12
950004 bean 13
950005 potato 14
950006 carrot 15
950007 cabbage 16
950008 chilli 17
950009 garlic 18
950010 melon 19


Hotkey
Edit
tomato cucumber eggplant bean potato carrot cabbage chilli garlic melon radish cress
pea chick-pea lentil soya bean mutton poppy clover lucern iris cotton flax hemp
fish orange kale lettuce lupin parsnip pea truffle trepang onion apple pear
crocus sisal daffodil jute pink raffia yucca oil plants sunflower cake olive damson
peach grape banana pineapple plum melon orange lemon mango beef medlar mulberry
almond nutmeg papaya guava pistachio whelk raspberry soursop Almond Cress Cucumber Cumin
nectarine cherry crab fig pork chop walnut peanut chestnut currant coconut bilberry
Currant Damson Damson Dandelion Lemon Artichoke Lentil Lettuce Lobster Salad Lupin Mango Marrow
wheat cereals rye barley oats millet flour maize rice tea coffee cocoa
Melon Melon Mulberry Musnroom Asparagus Musnroom Nectarine Nutmeg Olive Onion Orange Parsley
coca tobacco sugar cane potato sweet potato bread carrot canna turnip yam pulses bean
Parsnip Pea Peach Avocado Peanut Pear Peking Duck Pepper Persimmon Pimiento Pineapple Pistachio
Auto
Open
Save As
Save
Download
Preview
Setting
Close


Hotkey
Edit
1st Level
2nd Level
Cancel 2nd Level
Use 2nd Level
Clear All Hot Key
Set Font
Generate Hot Key Table
Clear Hot Key Table
Set BackColor
Events
Auto
Open
Save As
Save
Download
Preview
Setting
Close



Other function:

1) Use 2nd Level: choose this item to use the second level on hotkey table.
2) Clear All Hot Key: clear all messages on the hot key table.
3) Click ‘Preview’ to preview the hotkey table:
4) Click ‘Download’ to download the hotkey table to scale.