

Instruction manual of Android touch screen vending machine

Due to different models or configurations, parts of functions are different, please refer to real machine.

合格证 Certificate of Quality Quality inspectors:

Packing list:

vending machine ☐ Coin changer ☐ single motor gear box ☐

double motor gear box ☐ 15A fuse ☐ 10A fuse ☐ key ☐

Instruction manual ☐ others ☐

Catalog

QuickSetupGuide.....	1-2
Vertical display.....	3
Horizontal display.....	4
Paying page.....	5
Enter the log-in page.....	6
Login menu.....	7
Slots management.....	8
Information setting.....	9
Payment system.....	10
Password management/How to fill the aisle with goods.....	11
Serial port management.....	12-14
Menu settings.....	15
Program update/Sales data.....	16
Goods pictures and ads management.....	17
Copy log.....	18-19
Sound settings.....	20
Language settings.....	21
Serial port tests.....	22
Main board interfaces.....	23
Debug mode.....	24
Update goods info with U disk、Remote modification of slots information.....	25

Quick Setup Guide

Click 'read me', then click 'back' to exit.

Please select...

big screen ☐

7 inch ☐

Confirm Cancel

Please select...

NONE ☐

Red motherboard ☐

Red motherboard snake machine ☐

Red motherboard snake machine with deputy cabinet ☐

OD ☐

Spring drive ☐

lattice drive ☐

lift drive ☐

Confirm Cancel

Please select...

NONE ☐

0 ☐

1 ☐

2 ☐

0|1 ☐

1|2 ☐

2|3 ☐

0|1|2 ☐

1|2|3 ☐

2|3|4 ☐

0|1|2|3 ☐

1|2|3|4 ☐

2|3|4|5 ☐

Confirm Cancel

Please select...

default ☐

use your own sever ☐

Confirm Cancel

Please select...

not in use motheboard payment system ☐

TCN140613&TCN161114, no serial port board installed, choose this one ☐

use motheboard payment system ☐

TCN161114, with serial port board installed, choose this one. If motherboard's Ali-pay and WeChat Pay are closed, you can choose not to use motherboard's payment system. ☐

Cancel

Warning please do not change the parameters here, or the machine will not work properly!

screen size

screen orientation

control type

seriport1 group

seriport2 group

board baud rate

server select

advert use type

pay system type

qrcode type

seriport1

seriport2

read me

If only one serial port is connected, just choose this one.

Please select...

Vertical ☐

Horizontal ☐

Confirm Cancel

Board baud rate

2400 ☐

4800 ☐

9600 ☐

19200 ☐

38400 ☒

57600 ☐

115200 ☐

Cancel

Advert use type

platform comes with ☐

butt joint ☐

Cancel

Please select...

single code display (multi code combination) ☐

single code display ☐

two code display ☐

no display of two-dimensional code ☐

Cancel

Please select...

ttyGS3 ☐

ttyGS2 ☐

ttyGS1 ☐

ttyGS0 ☐

ttyUSB3 ☐

ttyUSB2 ☐

ttyUSB1 ☐

ttyUSB0 ☐

ttymxc0 ☐

ttymxc1 ☒

ttymxc2 ☐

ttymxc3 ☐

ttymxc4 ☐

ttyES1 ☐

ttyES0 ☐

Cancel

Quick Setup Guide

Click "read me" to enter this page.

Machine usage and problem handling methods

The machine cannot connect the backstage solution

1. On the upper right corner of the touch screen, red carry is not connected to the background.
2. Close the door, the small blue screen shows in the signal interface, the door is closed.
3. The antenna is connected to the 3/4G antenna of the traffic card outside the machine and wifi used for wifi
4. If wifi is used, check whether the wifi antenna is connected, and lead to the receiving signal outside the machine, because the enclosed space will cause the signal to be poor.
5. If you use a traffic card, turn off the wifi, check if the 3/4G antenna is connected, and pull it outside the machine to receive the signal, because the enclosed space will cause the signal to be poor.
6. Go to the browser to check if you can access the Internet, and don't go to Google, such as baidu
7. It's ok to update the program.
8. After all of the above, check whether the backstage serial port configuration is a problem, the serial connection and serial port configuration should be consistent, and the serial port tool can check the serial port to communicate.
9. All of the above is fine, and the restart will not even be in the background, just send the log.

How to copy logs

1. Exit the program (before exiting, please check the app front desk in the information configuration, or after exiting the program, it will automatically return to the program interface).
2. Plug in the USB port and plug in the USB port and plug it into the USB port.
3. Find the file management App, enter the folder, and copy the file of microlog.txt to the usb flash disk, which can be seen on the previous level.
4. The file is sent to us (the probably time, aisle number, if it is payment problem, please provide payment list, describe the problem, give us detailed information as possible, to solve the problem quickly.)

Download the product pictures in the background

1. To ensure that the machine had closed the door, ensure the machine online background, machine corner information if you have the red lever, said machine background is not online (solution, refer to the above the first point, if the type of the motherboard is red, you must close the door).
2. The selection of the goods in the background will be downloaded and finished, and the goods on the machine will be changed.
3. If the picture of the machine is not changed, go to the TcnFolder/ImageGoods directory (exit program, in file management) to see if the above image has been downloaded successfully.
4. If there is no download success in the background, you can delete the image of this directory on the machine, then reboot, adjust the network (refer to the first point above), and download again.
5. If not, please provide a log.

How to login to setup interface

1. The main interface of the program has a keyboard, and the default input is 73194653, and then the long press the upper right corner of the input box, entering the login interface, the default login password is 000000.
2. After logging in, please enter the password management menu for safety and modify the two passwords in time.

Modify the payment system

After logging into the main menu interface, enter the payment system, open the relevant payment method according to your actual requirements, and please close the payment without any use.

Modify the information of the cargo channel

1. Shut the door.
2. Log on to the main menu Settings interface, the management of the menu (if not, must first be configured machine parameters, restart, loaded into, show product pictures, to get in.) ;
3. After the purchase channel management menu, click on any product pictures to modify the relevant information;
4. If the goods are existing and the capacity is 199, the inventory will not be reduced when the goods are purchased, indicating that the goods can be shipped all the time. When it is set to other times (less than 199), when it is purchased, the inventory will be reduced accordingly, and when it is reduced to 0, it will be sold out.
5. The picture library selects the corresponding image by clicking the picture library. The image shown in the gallery is in the TcnFolder/ImageGoods directory (copy the picture to this directory in advance and then restart it).
6. Note: if the main board type is red, the price, inventory and capacity must be closed. When the program is started, it will also close, otherwise it will not be loaded.

How to change the advertisement on the machine

1. Prepare the advertisement to be replaced in advance, copy the usb flash drive into the usb flash drive, and insert the usb flash drive into the android machine.
2. Exit the program (before exiting, please check the app front desk in the information configuration, or you will automatically return to the program interface after exiting the program).
3. I found the App file management into the folder, into TcnFolder directory, the inside of the ImageBackground background images directory, ImageGoods commodity catalogue pictures, ImageHelp help the images directory, ImageScreen standby images or video directory, VideoAndImageAd half screen advertising inventory.
4. Copy the corresponding advertisements in the usb flash disk into the corresponding directories in the TcnFolder directory, and the U disk directory is returned to the upper directory of the TcnFolder to be seen.

E-commerce to pick up goods (with third-party procedures)

1. Enter the payment system menu, turn on the e-commerce to pick up the switch, fill in the email address, and then restart.
2. Modify the information of the goods on the machine, and report the goods to the goods.
3. When the code is entered on the machine, it will call the verification of the cargo code interface.
4. After shipment, the feedback interface will be sent back to the background.

Update procedures

After logging into the menu Settings interface, the program updates the menu, and after the Internet, click update.

Close this quick wizard prompt

After logging into the menu Settings interface, enter the information configuration menu and close the quick wizard switch.

Precautions

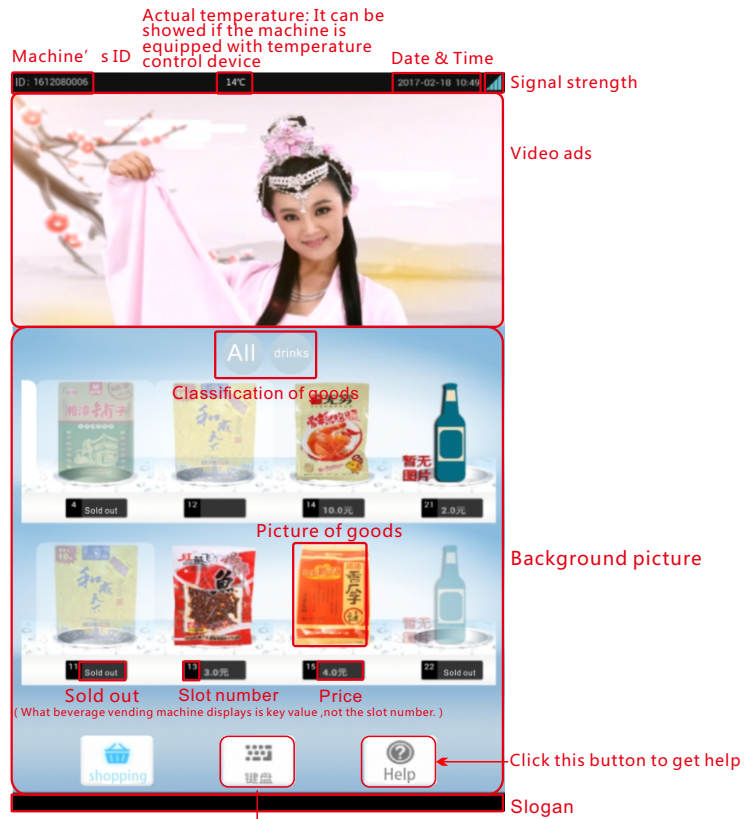
Pay delivery problems, abnormal issues in machine is not online, please remember the first time the phenomenon or take pictures and shoot video (remember aisle number, about time, mobile end the order number, the phenomenon of problem, etc., providing information in as much detail as possible, convenient and fast to solve the problem.), We then send a copy of the logs to us so that the solution saves time.

back

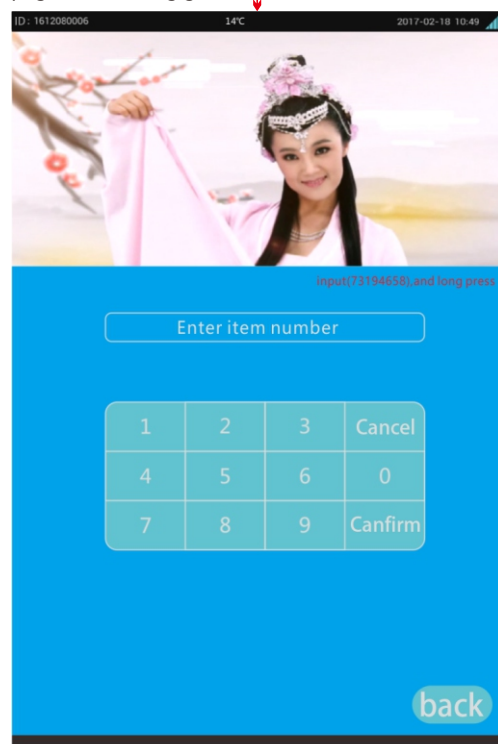
Direction of shopping page

Vertical display

Shopping page

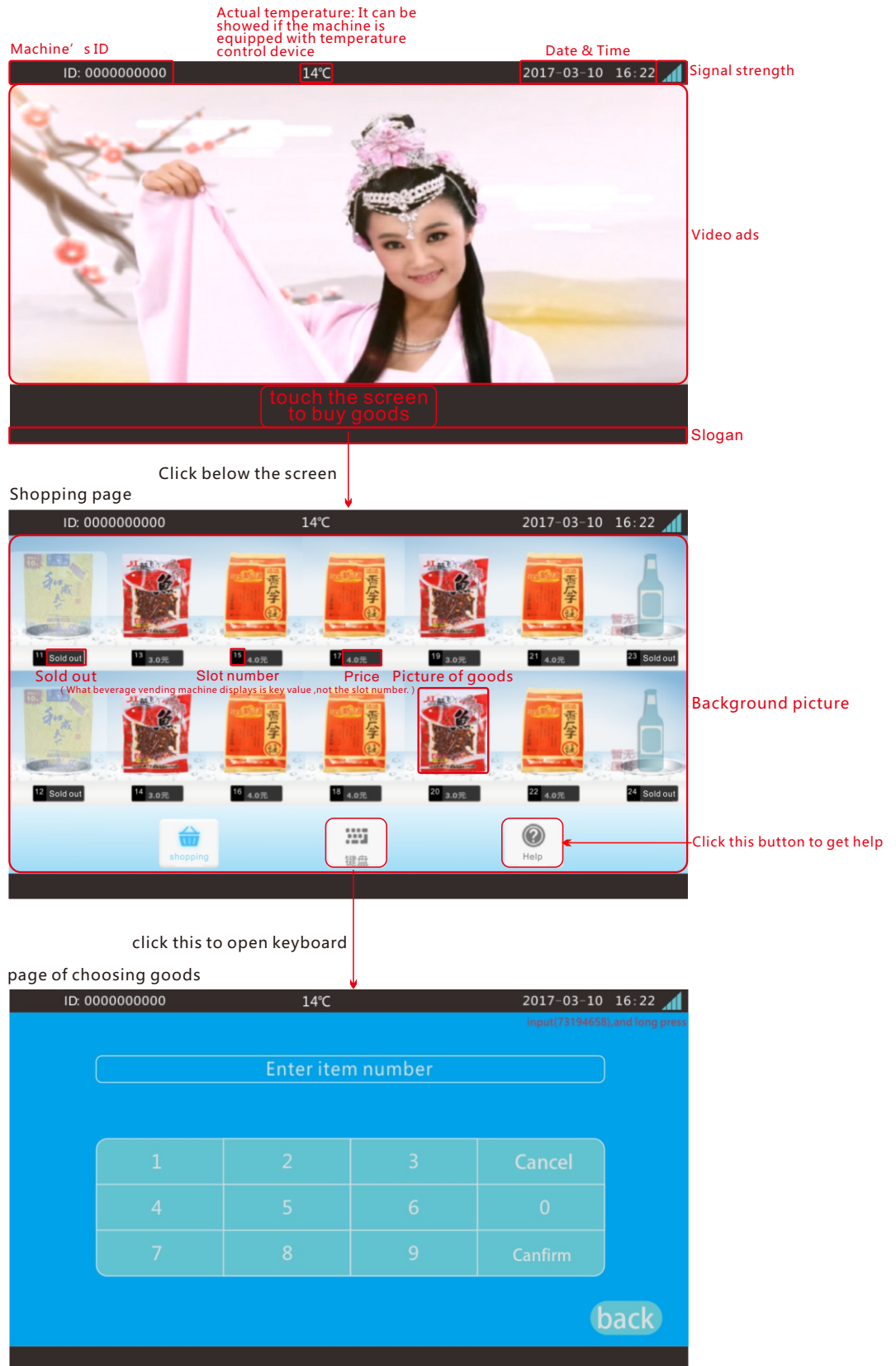


click this to open keyboard
page of choosing goods



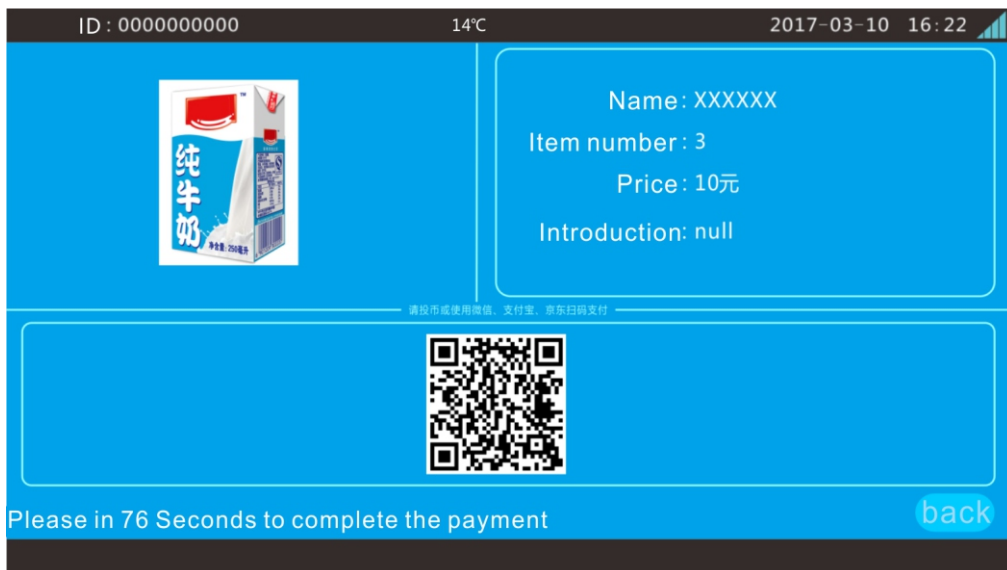
Direction of shopping page

Horizontal display



Direction of shopping page

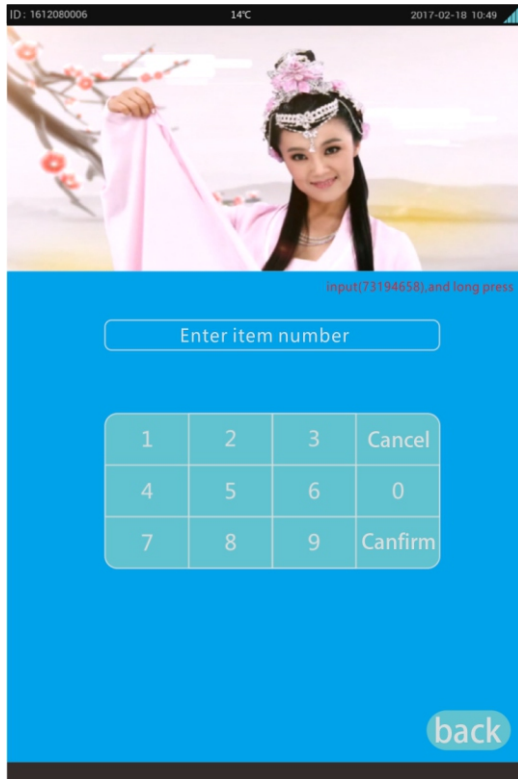
paying page



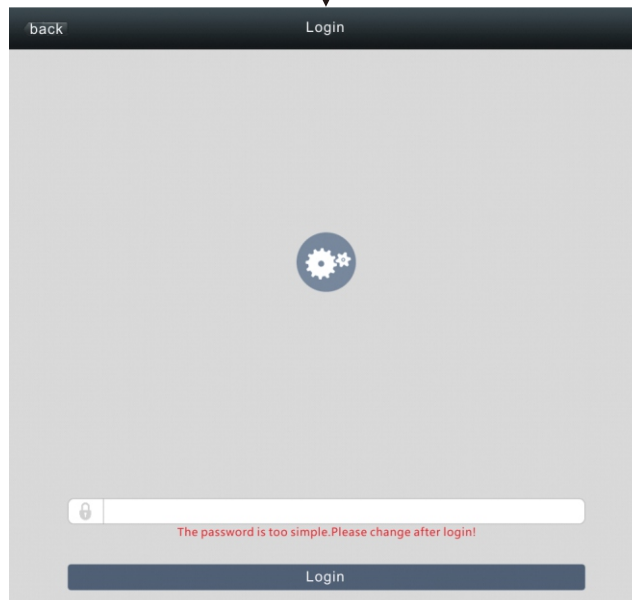
Details of setting machine

Enter the log-in page

Change your password as quickly as possible, or others may change machine's settings, which will lead to your money loss.

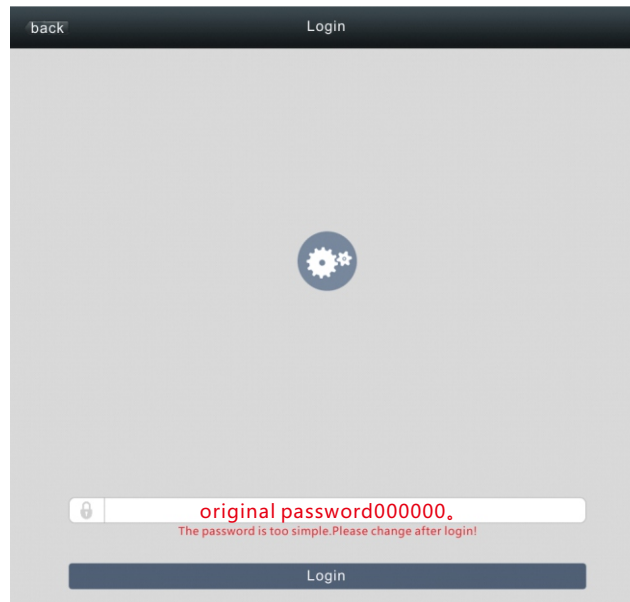


Open the door

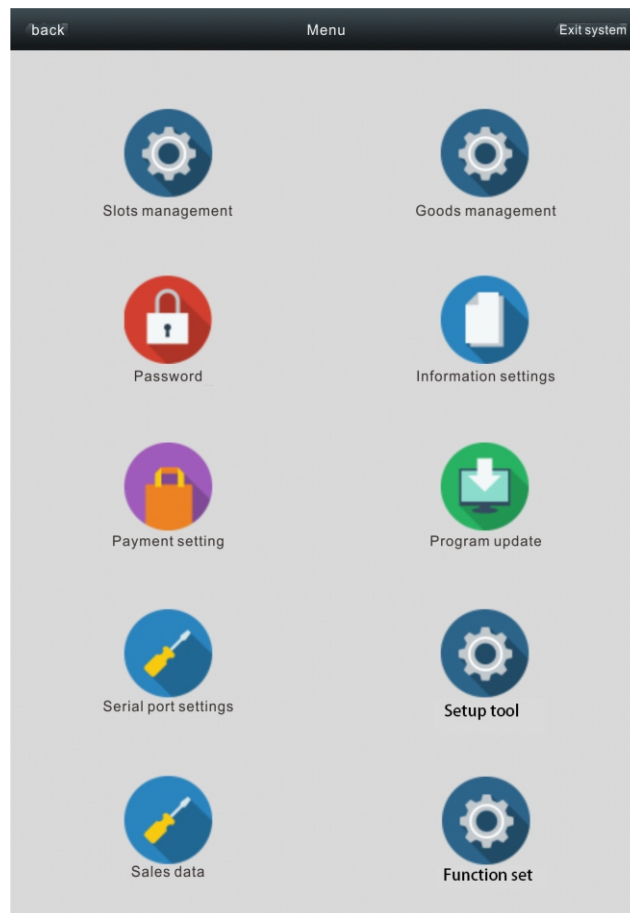


Details of setting machine

Log in menu



Input password,
then click 'log in' ↓

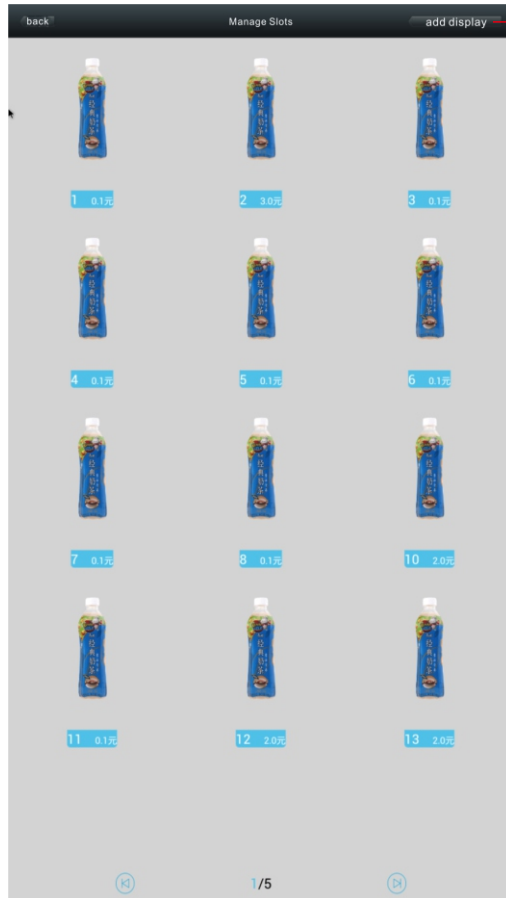


Details of setting machine

Slots management

Click 'Slots management' to manage slots.

New main board can change the slot information in this page, while old motherboard should change by metal keyboard. Pictures of new board and old board are showed in page 26 of "Debug mode".



Click the slot picture to manage slot.

Input parameters then click 'Confirm'. Only changed parameters will be kept.

back Manage Slots

Slot number First slot Last slot
1

Product name

Price 0.1

Stock quantity
Slot state will turn into 'have no goods' when stock quantity is 0.

Slot capacity
When slot capacity is set to 199, stock quantity won't minus one automatically. So open the drop sensor.

Product introduction null

Product Code 0 Input barcode of goods

Slot state Have goods Click this button

Types of goods Click this button

Pictures of goods Click 'gallery'

Start test slot clear fault

Confirm

Please enter the number to display goods

Cancel Confirm

The hidden slot will be showed on slot management page if you add it.



The product number set on machine should be the same with the number set on clouds, or it will lead to some troubles. You can set the product code in WeChat subscription account by scanning QR code.

Please select...

Have goods ☒ It turns into this state automatically if there have goods.

Have no goods ☐ It turns into this state automatically if there's no goods.

Fault ☐ It turns into this state automatically when there's fault.

Disable ☐ Open this switch to stop the trouble aisle.

Hide ☐ Choose this when the slot is unwanted.

Confirm Cancel

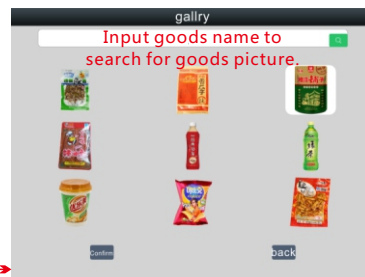
Please select...

drinks

Please input category

add delete

Confirm Cancel



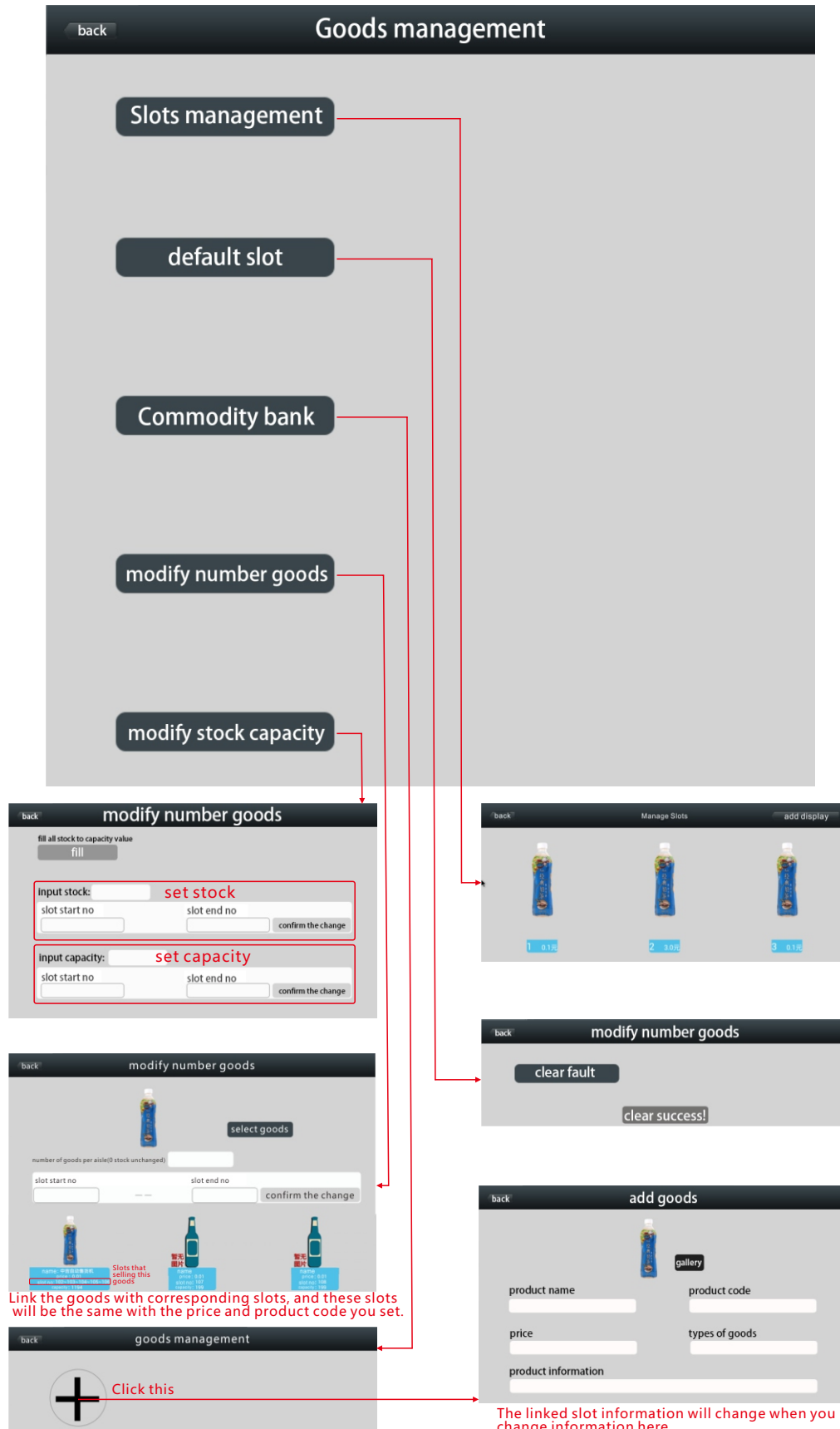
Change the page by scrolling the screen. Choose the picture and click 'Confirm' to save it. The pictures can be synchronized with cloud if you set before. (Cautious about the data loss) You can also copy the pictures to folder '/mnt/sdcard/TenFolder/ImageGoods'

It can test if the good drops normally. The door should be closed, or drop sensor can't detect drop.

Details of setting machine

Goods management

点击商品管理，进入商品管理界面。



Details of setting machine

Information setting

Click 'Information setting', to setting information.

The screenshot shows the 'Information configuration' screen with various settings. Red annotations and arrows highlight specific settings and their corresponding selection dialogs:

- Server IP:** A red box highlights the input field. Text: "If the machine not use the original server IP, disconnect the Internet first then change it."
- Port number:** A red box highlights the input field. Text: "It will be generated automatically when the machine first connect background system: 2-digit year numbers+2-digit month numbers +2-digit date numbers+ 4-digit serial numbers."
- Advertising setting:** Text: "shopping page, page of choosing goods display ad text"
- Pay tips:** Text: "Hint text of paying"
- Welcome to set:** Text input field
- keyboard text Settings:** Text input field
- card tips:** Text input field with a right arrow
- Price unit:** Text input field with a right arrow. Arrow points to a selection dialog with options: 元, ¥, \$, £.
- Pay effective time:** Text input field with a right arrow. Arrow points to a selection dialog with options: 30, 60, 90, 120.
- Ad download polling time:** Text input field with a right arrow. Arrow points to a selection dialog with options: 10 minutes, 30 minutes, 1hours, 2hours, 4hours, 6hours, 12hours, 15hours, 20hours, 24hours.
- Standby picture time:** Text input field with a right arrow. Arrow points to a selection dialog with options: 20, 30, 60, 90, 120.
- Play image interval time:** Text input field with a right arrow. Arrow points to a selection dialog with options: 6, 10, 15, 20, 30, 60.
- display the number of goods per page:** Text input field with a right arrow. Arrow points to a selection dialog with options: 8, 10.
- number of slots digit:** Text input field with a right arrow. Arrow points to a selection dialog with options: 1, 2, 3.
- price decimal point:** Text input field with a right arrow. Arrow points to a selection dialog with options: 0, 1, 2.

At the bottom of the 'Information configuration' screen is a 'Confirm' button.

Details of setting machine

Payment system

Click 'Payment settings' to set payment information.

back

Payment system



Crash payment

Only if the machine is equipped with bill changer or coin change should you open it.

☐



UnionPay payment

Only if machine is equipped with point of sales terminal need it open the switch. Please contact with our custom service to supply agreement of China UnionPay. It works after China UnionPay's approval.

☐



IC Card Pay

☐

IC card IP address

IC card port



Electric pickup

Close this if you open the switch of APP(delivery code) shipment.

☒

Electric pickup address

Polling interval(s)

>



WeChat payment

☐



Alipay payment

Contact with our custom service, open it and set payment parameter information.

☐



JD Pay

☐

Passive scan code payment

☒

Unionpay scan QRCode

☒

Unionpay app scan QRCode

☒

Merchant number

Close 'WeChat payment' and 'Alipay payment' before you open this, and the corresponding switches on main board. Fill in all the parameters.

Terminal number

Institutional merchant number

News sources

System number

secret key

Confirm

Details of setting machine

Password management

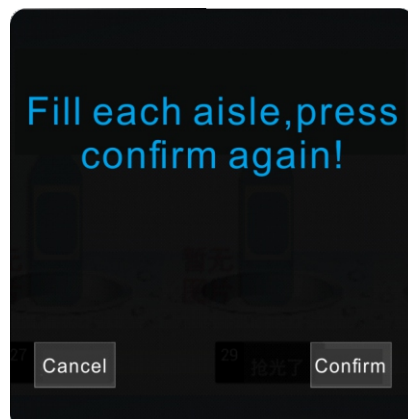
Click 'Password' to enter page of setting password.

The screenshot shows the 'Password' settings screen. At the top, there is a 'back' button and the title 'Password'. Below this, there are two main sections. The first section is 'Login password modification', which has a toggle switch turned on. It contains three input fields: 'original login password' (with a red hint 'original password000000.'), 'new login password', and 'confirm login password'. The second section is 'Password enter login screen', also with a toggle switch turned on. It contains three input fields: 'original password enter login screen' (with a red hint 'original password73194653.'), 'new password enter login screen', and 'confirm password enter login screen'. At the bottom of the screen is a large blue button labeled 'Confirm the change'.

Attention: change your password as quickly as possible to ensure the safety of machine.

How to fill the aisle with goods.

Open the door, then close it to fill goods.



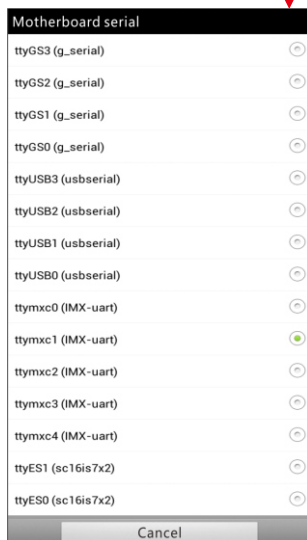
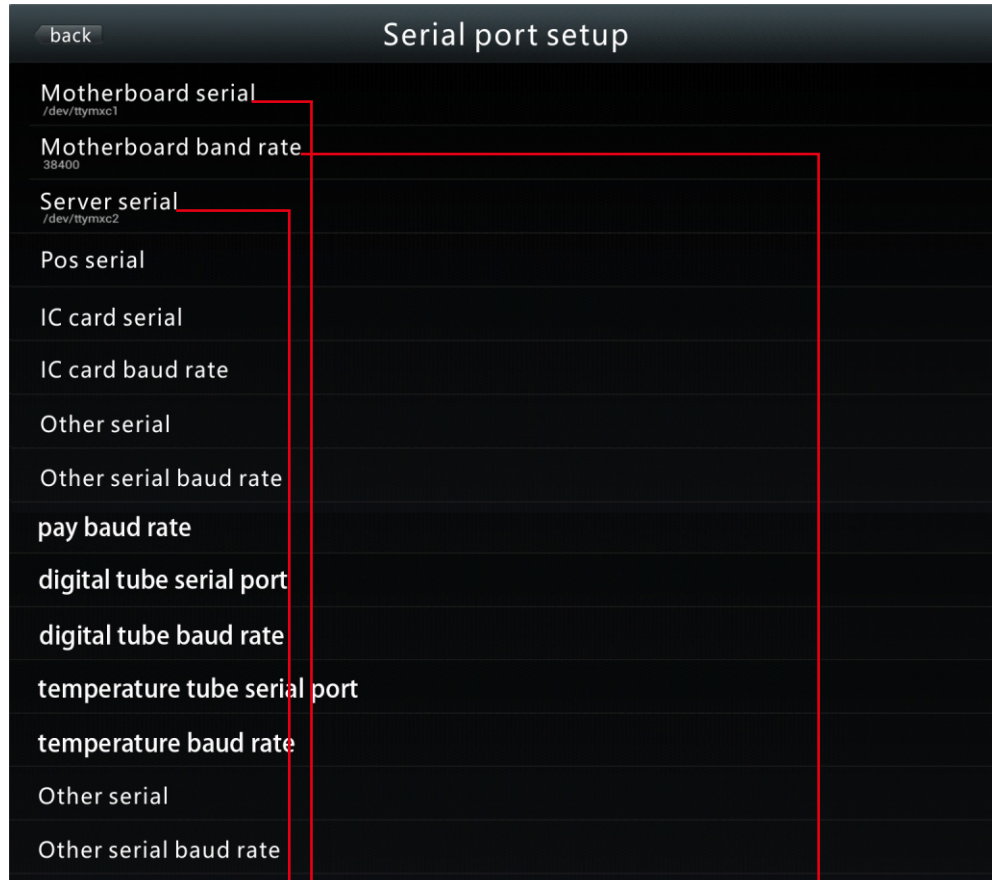
1. Fill all aisles with goods then click 'Confirm', all the stock quantity will be equal to slot capacity.
2. When the door is closed over 10 seconds or click 'Cancel', stock quantity won't be refreshed.

Details of setting machine

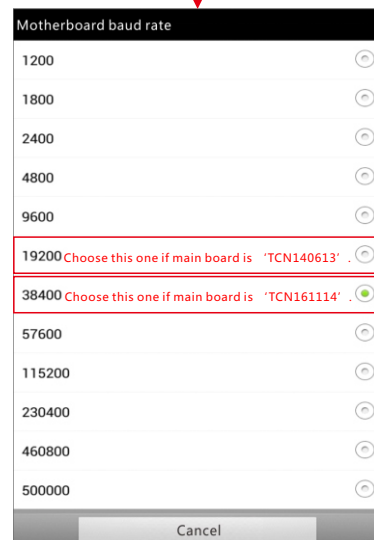
Serial port management

Click 'Serial port settings' to enter the page of setting serial port.

The machine has set all parameters at factory. Please don't change the parameter casually, or your machine may not work.



TCN140613

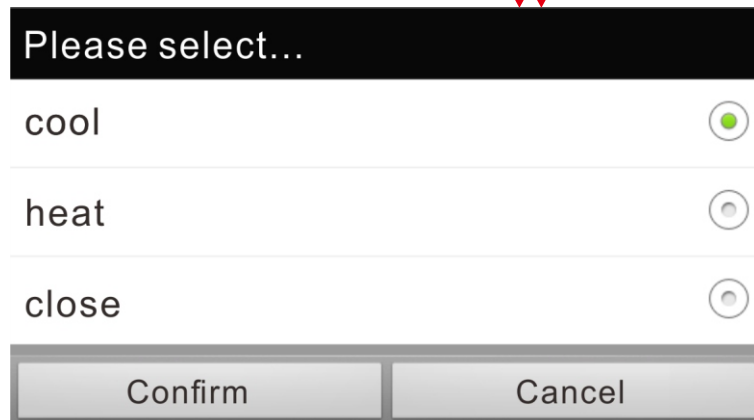
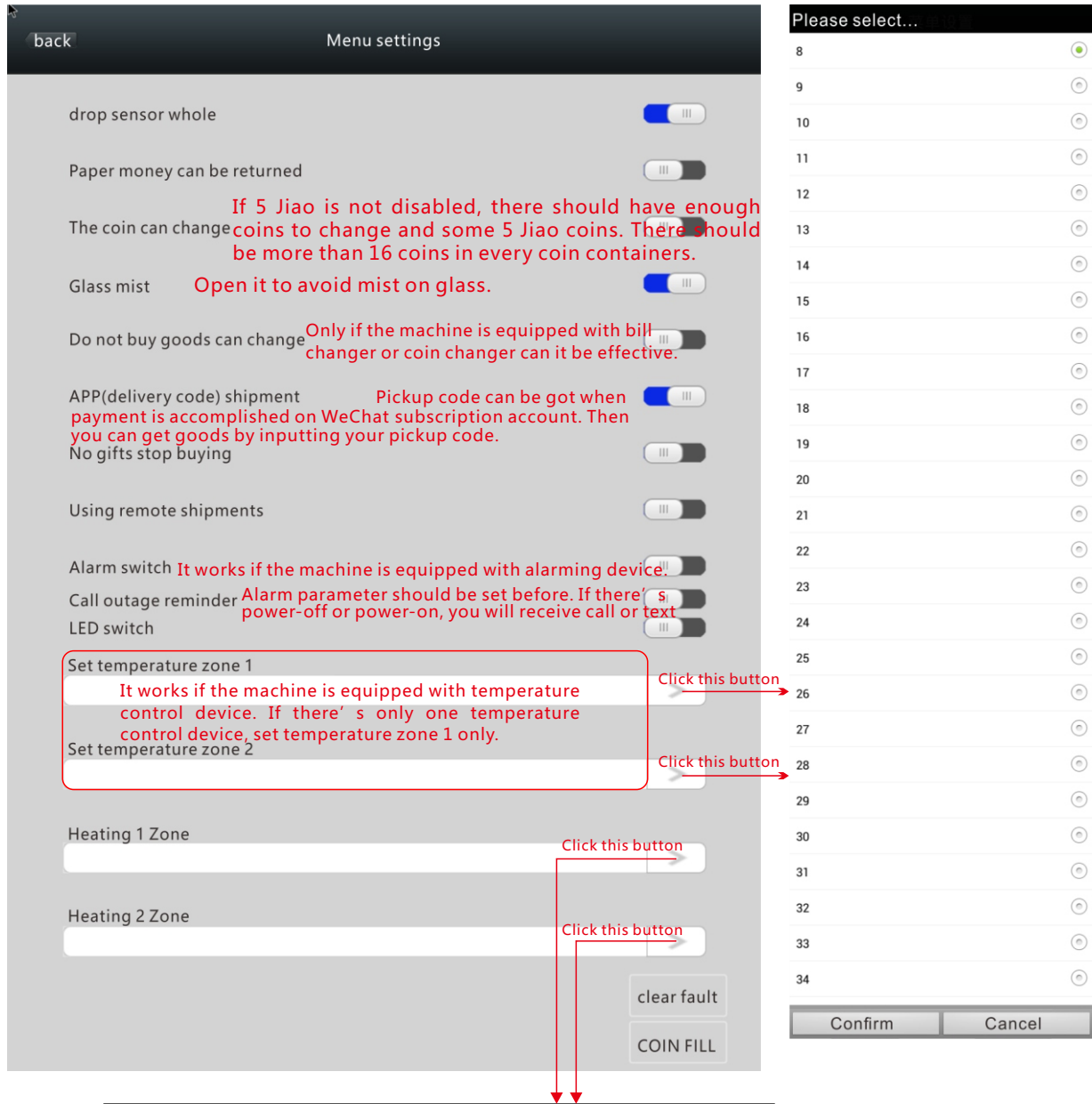


TCN161114

Details of setting machine

Menu settings

Click 'Menu settings' to enter menu setting page.



Details of setting machine

Menu settings

back

menu settings

query fault

clear fault

clear fault success

query board faults

query

normal

clean board faults

clean

success

shipment inspection

no goods

photoelectric check

return origin

success

rise

port door control

open

success

close

diaphragm switch

open

success

close

temperature control

set

set lifter group number

set

query params

query

setting parameters(cautious change!)

set

set to spring slot (cautious change!)

set

all set to spring slot (cautious change!)

set

split into a single slot (cautious change!)

split

all set to single slot (cautious change!)

set

parameter recovery factory value

recovery

set lifter steps

set

set to belt slot (cautious change!)

set

all set to belt slot (cautious change!)

set

merge with the next slot (cautious change!)

merge

query slot

1

query

normal

select the group number!

0

1

2

3

4

5

6

7

8

9

confirm

cancel

select the number of floor and the direction!

1(A->B)

1(B->A)

2(A->B)

2(B->A)

3(A->B)

3(B->A)

4(A->B)

4(B->A)

5(A->B)

5(B->A)

6(A->B)

6(B->A)

7(A->B)

7(B->A)

8(A->B)

8(B->A)

confirm

cancel

please select layer number!

1

2

3

4

5

6

7

8

confirm

cancel

Please select control action!

cool

heat

close

Confirm

Cancel

please select query parameters!

0第一层层高步数(0~10000)

1第一层层高步数(0~10000)

2第一层层高步数(0~10000)

3第一层层高步数(0~10000)

4第一层层高步数(0~10000)

5第一层层高步数(0~10000)

6第一层层高步数(0~10000)

7第一层层高步数(0~10000)

8光检测减度(0~80)

9光检方向(0:A->B,1:B->A)

10等待顾客开门超时时间(0~600s)

11顾客关门后,锁门等待时间(0~100s)

12电机1最大电流(0~500)

13电机1最小电流(0~500)

14电机1断开电流(0~500)

15电机2最大电流(0~500)

16电机2最小电流(0~500)

17电机2断开电流(0~500)

18电机3最大电流(0~500)

19电机3最小电流(0~500)

20电机3断开电流(0~500)

21电机4最大电流(0~500)

22电机4最小电流(0~500)

23电机4断开电流(0~500)

24电机5最大电流(0~500)

25电机5最小电流(0~500)

26电机5断开电流(0~500)

27(1表示弹簧机,2表示皮带机)

28有无出货检测

29升降电机最大电压(0~100)

30上升缓冲步数(0~1500)

31上升缓冲速度(0~500)

32下降速度(1~100)

33下降减速步数(0~1500)

34回原点速度(1~20)

35回原点步数(100~1500)

36离开光检速度(1~20)

37出货口卡货向下运行步数(1~1000)

38出货口卡货向上运行步数(1~1000)

39升降机光检滤波时间(ms)

40升降机最高出光检步数(200~1500)

41正常出货挡住光检的最大时间,超过时间认为卡货(0~1000)

42有无防盗推板

43当前温度,单位0.1℃(-90~500)

44履带出货光检清零使能

45有无相门门缝开关

confirm

cancel

Details of setting machine

Program update

Click 'Program update' to enter the updating program page.



Updating needs to connect with the Internet and it will cost data.

Sales data

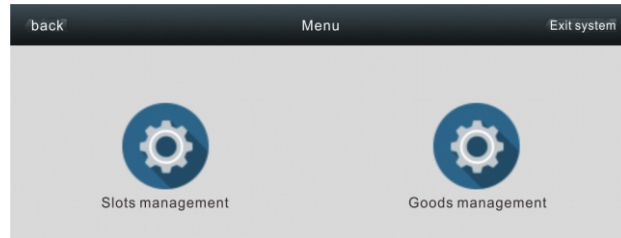
Click 'Sales data' then click 'get sales data', and the sales data will be showed



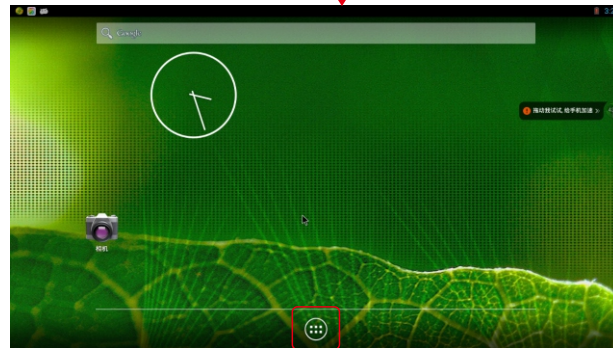
If the machine connects Internet normally ,the sales data can be got. It takes a little while to get the data. The time of getting it depends on Internet speed.

Goods pictures and ads management

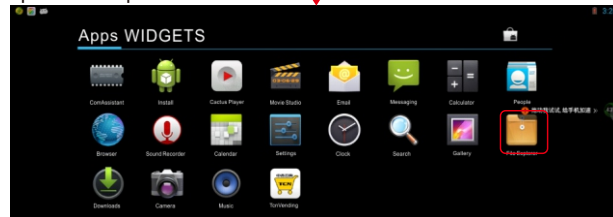
Click 'Exit system' to exit sales system.



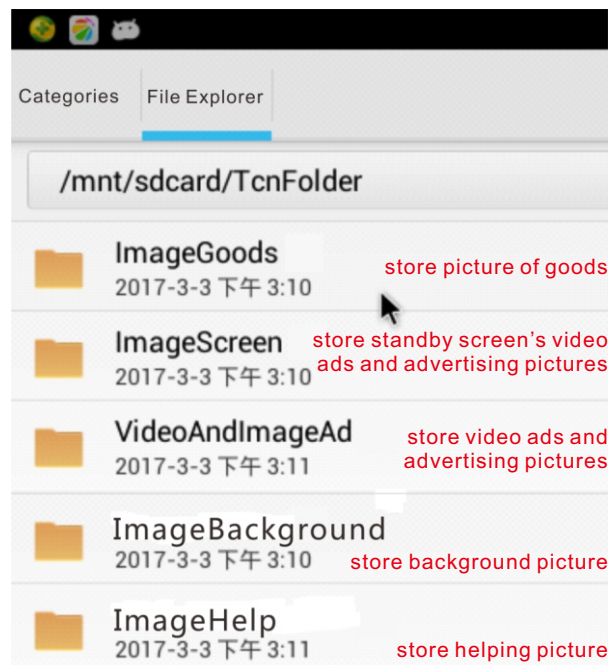
Click the icon at the bottom of the screen.



Click this button to open file explorer.



Enter '/mnt/sdcard/TcnFolder', and copy your files to appropriate folder.



Goods pictures and ads management

Parameters of picture and video for 7-inch screen

Screen resolution	Display	Type	File resolution	Folder	Support format
800x480	Vertical screen	Goods picture	About 150x150	TcnFolder\ImageGoods	jpg, jpeg, png
800x480	Vertical screen	Video & picture ads(not standby display)	480x270	TcnFolder\VideoAndImageAd stores local ads, TcnFolder\VideoAndImageRemote stores remote downloading ads.	mp4, mkv, avi, wmv, flv, jpg, jpeg, png
800x480	Vertical screen	Full standby video & picture ads	480x765	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
800x480	Vertical screen	Background picture	480x765	TcnFolder\ImageBackground	jpg, jpeg, png
800x480	Vertical screen	Aids picture	Max width: 480 Max height: 450	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1280x800	Vertical screen	Goods picture	About 270x270	TcnFolder\ImageGoods	jpg, jpeg, png
1280x800	Vertical screen	Video & picture ads (not standby display)	800x450	TcnFolder\VideoAndImageAd stores local ads, TcnFolder\VideoAndImageRemote stores remote downloading ads.	mp4, mkv, avi, wmv, flv, jpg, jpeg, png
1280x800	Vertical screen	Full standby video & picture ads	800x1235	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1280x800	Vertical screen	Background picture	800x1235	TcnFolder\ImageBackground	jpg, jpeg, png
1280x800	Vertical screen	Aids picture	Max width: 800 Max height: 600	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1024x600	Vertical screen	Goods picture	About 200x200	TcnFolder\ImageGoods	jpg, jpeg, png
1024x600	Vertical screen	Video & picture ads (not standby display)	600x338	TcnFolder\VideoAndImageAd stores local ads, TcnFolder\VideoAndImageRemote stores remote downloading ads.	mp4, mkv, avi, wmv, flv, jpg, jpeg, png
1024x600	Vertical screen	Full standby video & picture ads	600x978	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1024x600	Vertical screen	Background picture	600x978	TcnFolder\ImageBackground	jpg, jpeg, png
1024x600	Vertical screen	Aids picture	Max width: 600 Max height: 500	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1024x600	Horizontal screen	Goods picture	About 200x200	TcnFolder\ImageGoods	jpg, jpeg, png
1024x600	Horizontal screen	Video & picture ads (not standby display)	420x560	TcnFolder\VideoAndImageAd stores local ads, TcnFolder\VideoAndImageRemote stores remote downloading ads.	mp4, mkv, avi, wmv, flv, jpg, jpeg, png
1024x600	Horizontal screen	Full standby video & picture ads	1024x560	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1024x600	Horizontal screen	Background picture	604x560	TcnFolder\ImageBackground	jpg, jpeg, png
1024x600	Horizontal screen	Aids picture	Max width: 580 Max height: 430	TcnFolder\ImageHelp	jpg, jpeg, png, gif

Attention:

1. Ads are showed on standby screen when the machine is horizontal display. So the video ads should be put into 'ImageScreen' folder, and 'Standby advertisement display' should be opened.
2. If you need to play several videos and ads pictures, these ads files should be put into the same folder.
3. Machine should be restarted if you change videos and pictures.
4. Background picture is a picture behind the goods pictures.
5. Helping picture is a picture showed after clicking 'Help'.

Instruction manual of Android touch screen vending machine

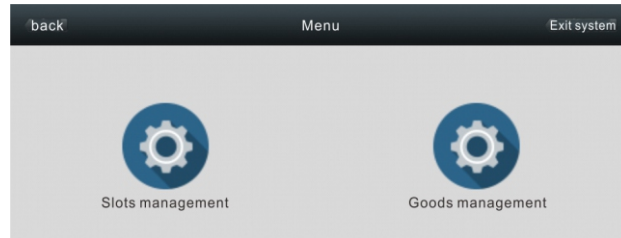
Goods pictures and ads management

Picture & Video parameter(It can be adapted to all screen except 7-inch touch screen)

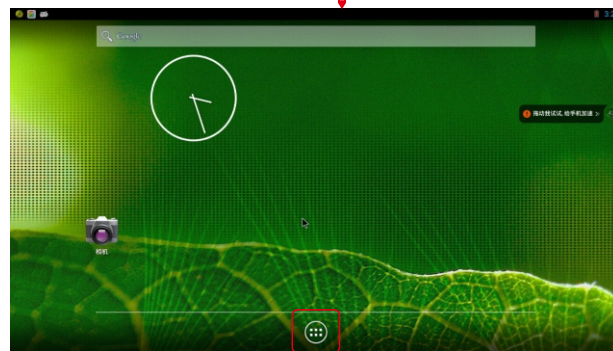
Screen resolution	Display	Type	File resolution	Folder	Support format
1920x1080	No limit	Goods picture	About 420x420	TcnFolder\ImageGoods	jpg, jpeg, png
1920x1080	Half vertical screen	Video & picture ads(not full screen)Video & picture ads (not standby display)	1080x608	TcnFolder\VideoAndImageAd stores local ads, TcnFolder\VideoAndImageRemote stores remote downloading ads.	mp4, mkv, avi, wmv, flv, jpg, jpeg, png
1920x1080	Half vertical screen	Half standby video & picture ads	1080x1212	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1920x1080	Half vertical screen	Full standby video & picture ads	1080x1820	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1920x1080	Half vertical screen	Standby video & picture ads	1080x1820	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1920x1080	Horizontal screen	Standby video & picture ads	1920x980	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1920x1080	Half vertical screen	Background picture	1080x1212	TcnFolder\ImageBackground	jpg, jpeg, png
1920x1080	Full vertical screen	Background picture	1080x1820	TcnFolder\ImageBackground	jpg, jpeg, png
1920x1080	Horizontal screen	Background picture	1920x980	TcnFolder\ImageBackground	jpg, jpeg, png
1920x1080	Half vertical screen	Aids picture	Max width: 1060 Max height: 1080	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1920x1080	Full vertical screen	Aids picture	Max width: 1060 Max height: 1690	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1920x1080	Horizontal screen	Aids picture	Max width: 1820 Max height: 850	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1366x768	No limit	Goods picture	About 290x290	TcnFolder\ImageGoods	jpg, jpeg, png
1366x768	Half vertical screen	Video & picture ads (not standby display)	768x432	TcnFolder\VideoAndImageAd stores local ads, TcnFolder\VideoAndImageRemote stores remote downloading ads.	mp4, mkv, avi, wmv, flv, jpg, jpeg, png
1366x768	Half vertical screen	Half standby video & picture ads	768x864	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1366x768	Half vertical screen	Full standby video & picture ads	768x1296	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1366x768	Half vertical screen	Standby video & picture ads	768x1296	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1366x768	Horizontal screen	Standby video & picture ads	1366x698	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1366x768	Half vertical screen	Background picture	768x864	TcnFolder\ImageBackground	jpg, jpeg, png
1366x768	Full vertical screen	Background picture	768x1296	TcnFolder\ImageBackground	jpg, jpeg, png
1366x768	Horizontal screen	Background picture	1366x698	TcnFolder\ImageBackground	jpg, jpeg, png
1366x768	Half vertical screen	Aids picture	Max width: 758 Max height: 774	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1366x768	Full vertical screen	Aids picture	Max width: 758 Max height: 1206	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1366x768	Horizontal screen	Aids picture	Max width: 1356 Max height: 608	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1360x768	No limit	Goods picture	About 290x290	TcnFolder\ImageGoods	jpg, jpeg, png
1360x768	Half vertical screen	Video & picture ads (not standby display)	768x432	TcnFolder\VideoAndImageAd stores local ads, TcnFolder\VideoAndImageRemote stores remote downloading ads.	mp4, mkv, avi, wmv, flv, jpg, jpeg, png
1360x768	Half vertical screen	Half standby video & picture ads	768x858	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1360x768	Half vertical screen	Full standby video & picture ads	768x1290	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1360x768	Full vertical screen	Standby video & picture ads	768x1290	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1360x768	Horizontal screen	Standby video & picture ads	1360x698	TcnFolder\ImageScreen	mp5, mkv, avi, wmv, flv, jpg, jpeg, png
1360x768	Half vertical screen	Background picture	768x858	TcnFolder\ImageBackground	jpg, jpeg, png
1360x768	Full vertical screen	Background picture	768x1290	TcnFolder\ImageBackground	jpg, jpeg, png
1360x768	Horizontal screen	Background picture	1360x698	TcnFolder\ImageBackground	jpg, jpeg, png
1360x768	Half vertical screen	Aids picture	Max width: 758 Max height: 768	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1360x768	Full vertical screen	Aids picture	Max width: 758 Max height: 1200	TcnFolder\ImageHelp	jpg, jpeg, png, gif
1360x768	Horizontal screen	Aids picture	Max width: 1350 Max height: 608	TcnFolder\ImageHelp	jpg, jpeg, png, gif

Copy log

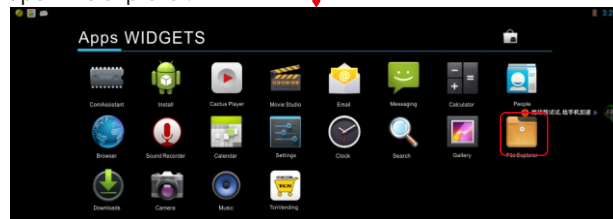
Click 'Exit system' to exit sales system.



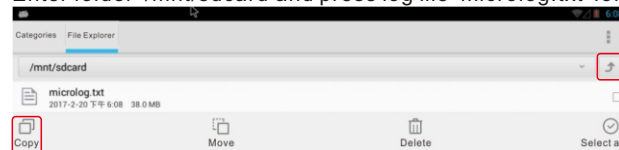
Click the icon at the bottom of the screen.



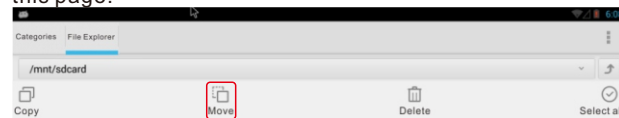
Click this button to open file explorer.



Enter folder '/mnt/sdcard' and press log file 'microlog.txt' for a while, then click 'copy'.



Insert U disk. Click 'Back' to enter folder '/mnt/usb', then you can click 'Remove' in this page.

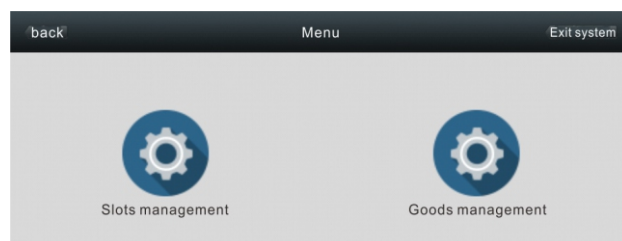


Pull U disk out after cutting off power, then restart machine.

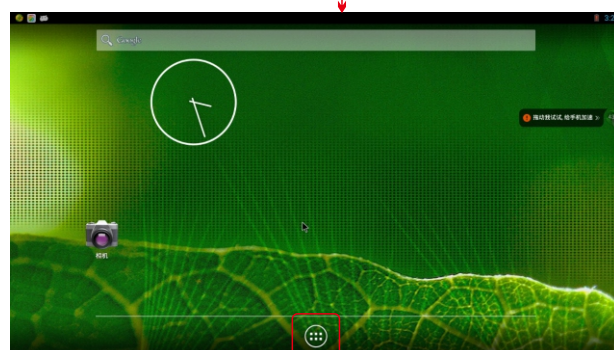
Attention: right-click can turn back if control with mouse.

Sound settings

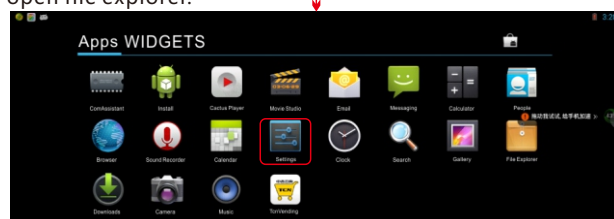
Click 'Exit system' to exit sales system.



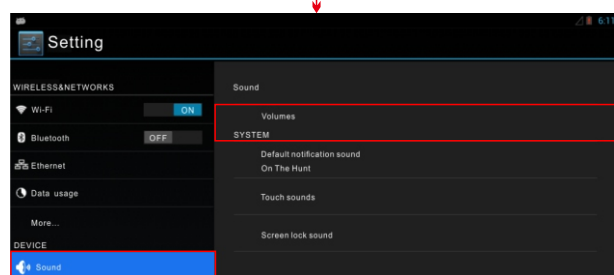
Click the icon at the bottom of the screen.



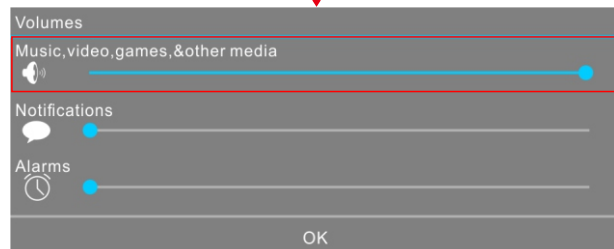
Click this button to open file explorer.



Click 'Setting'.



Click 'Sound', then click 'Volumes'.

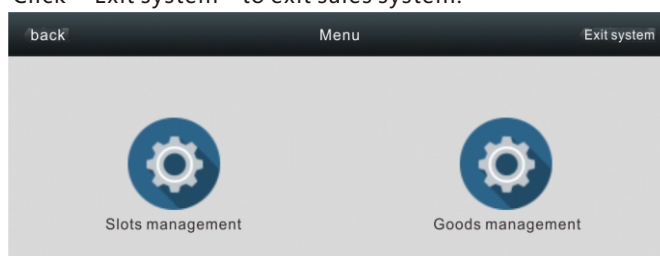


Operate the machine as the guide picture shows.

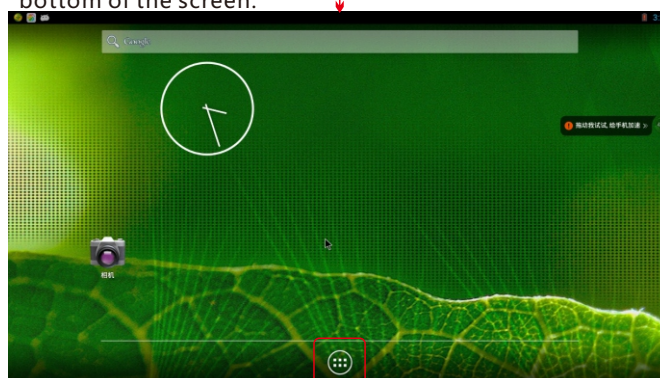
Only if the power is cut off and restart machine can the machine exit the page.

Language settings

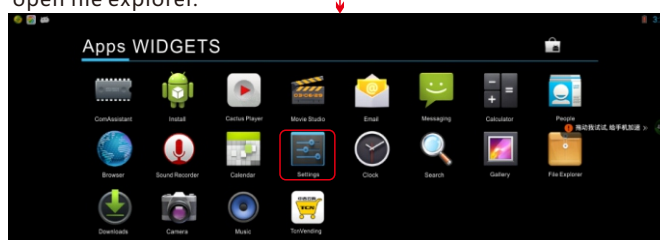
Click 'Exit system' to exit sales system.



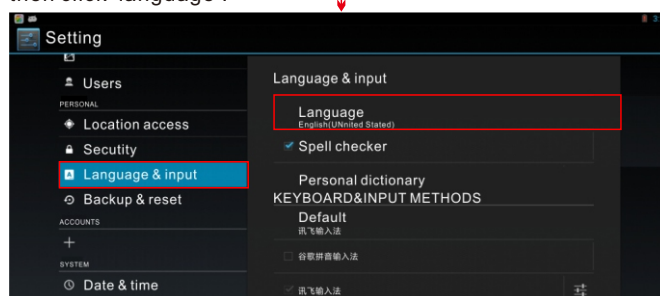
Click the icon at the bottom of the screen.



Click this button to open file explorer.



Click 'Language & input' then click 'language'.



Choose the language you want (it will be reserved automatically).

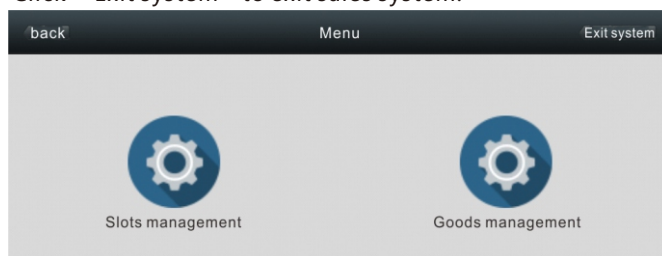


The application's language follows the system.

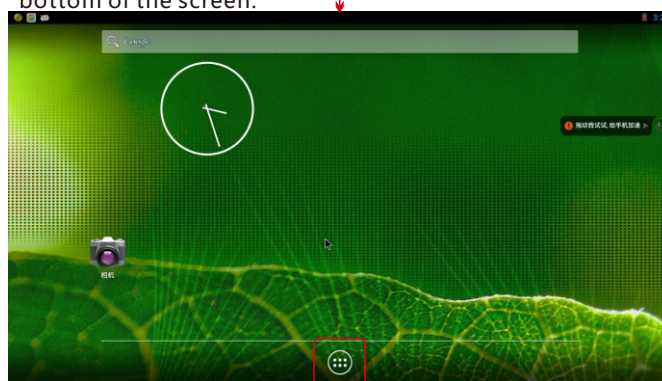
Only if the power is cut off and restart machine can the machine exit the page.

Serial port tests

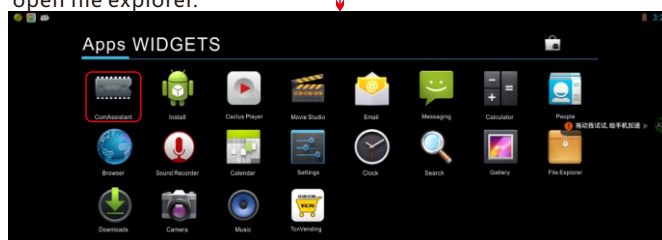
Click 'Exit system' to exit sales system.



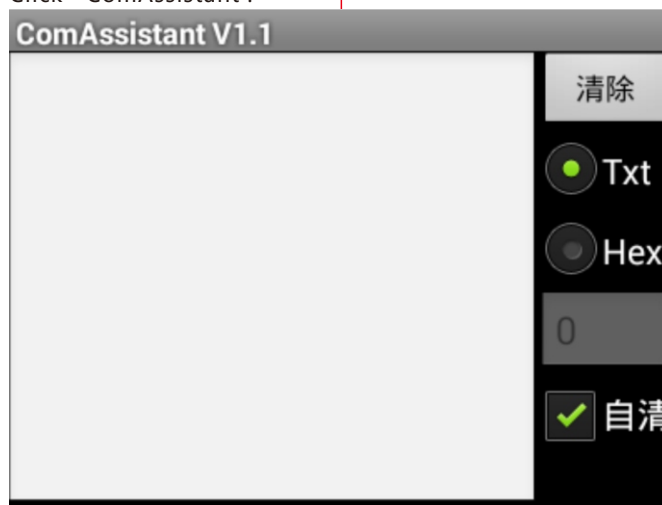
Click the icon at the bottom of the screen.



Click this button to open file explorer.



Click 'ComAssistant'.



Serial port tests

Operate the machine as the guide picture shows.

ComAssistant V1.1

Set all the parameters and click send button. If serial port communication is good, data will be showed here. If board baud rate is set too large, messy code may be showed. If serial port is obstructed, no data will be returned. (appear blank).

清除

☒ Txt
☐ Hex

Choose Txt model if connect with main board.
Choose HEX model if connect with driver board.

0

☒ 自清

Input and send appropriate code here :
Command for New board to get slots information:
\$\$\$|C|315%%
Command for old board to get slots information:
\$\$\$|F|70%%

/dev/ttyS1

38400

500 ms ☐ 自动

Click this to choose board baud rate.

Click this to choose serial port number.

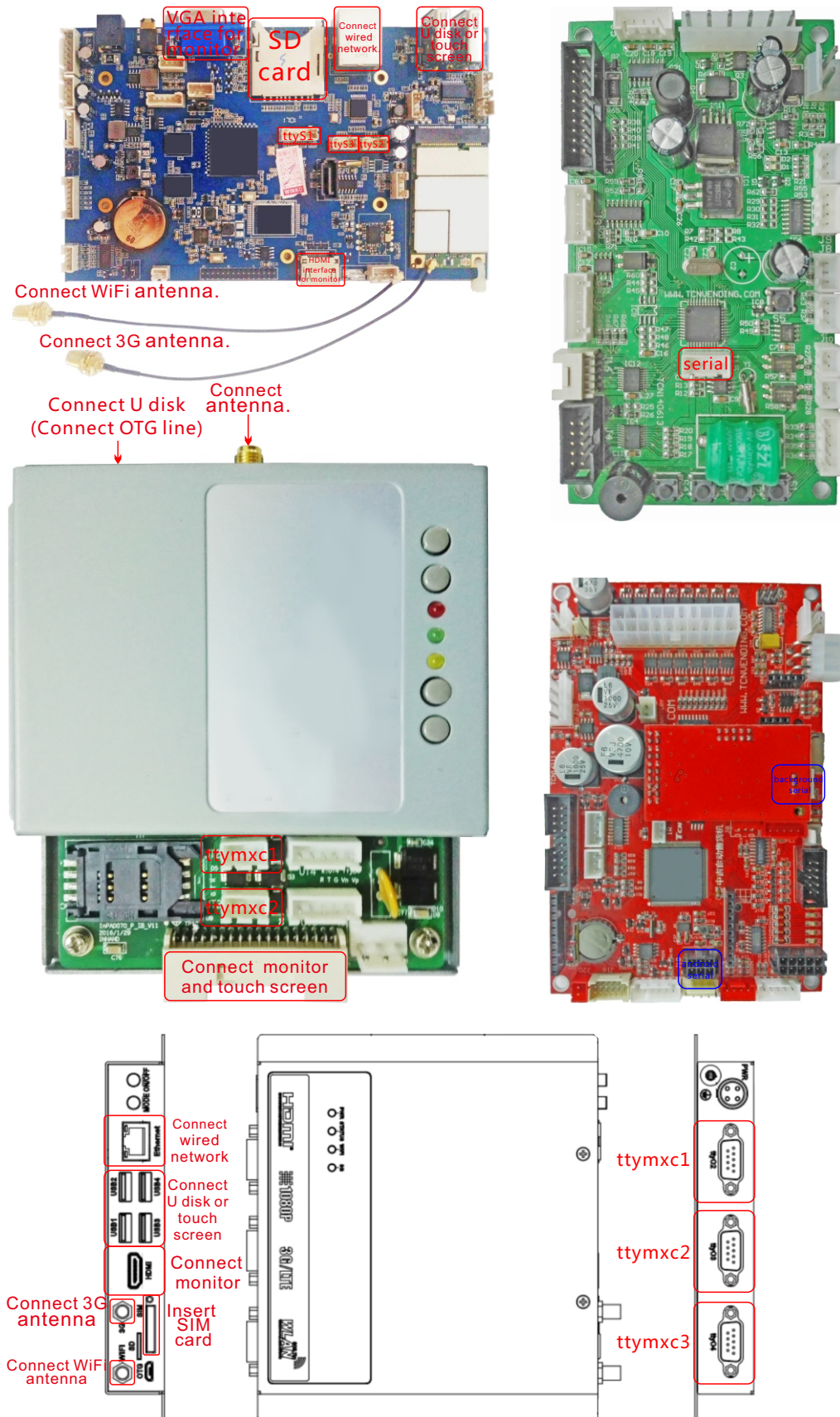
Click this to open serial port (green color shows that serial port is successfully opened)

All parameters are set already then click send button.

1800	☐
2400	☐
4800	☐
9600	☐
19200	☐
38400	☒
57600	☐
115200	☐

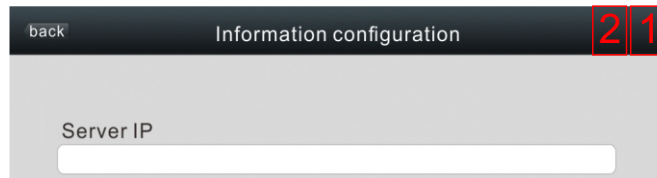
/dev/ttyS3	☐
/dev/ttyS2	☐
/dev/ttyS1	☒
/dev/ttyS0	☐

Main board interfaces

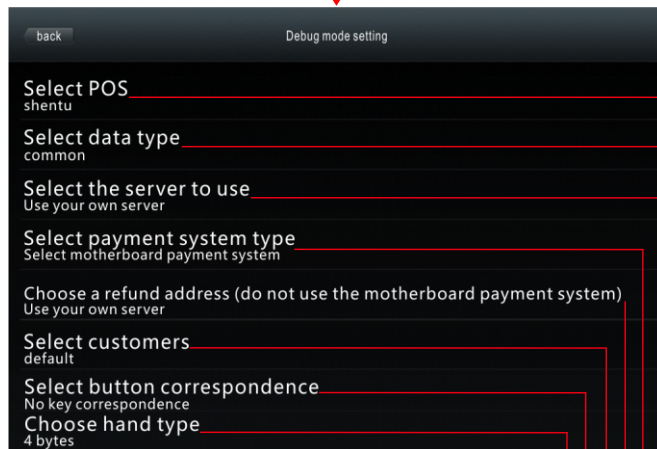


Debug mode

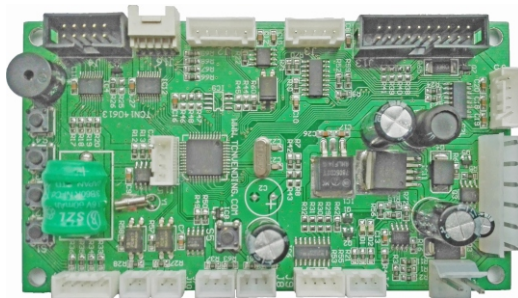
Enter menu of configuration.



Press location 1 for one second then press location 2 for one second.



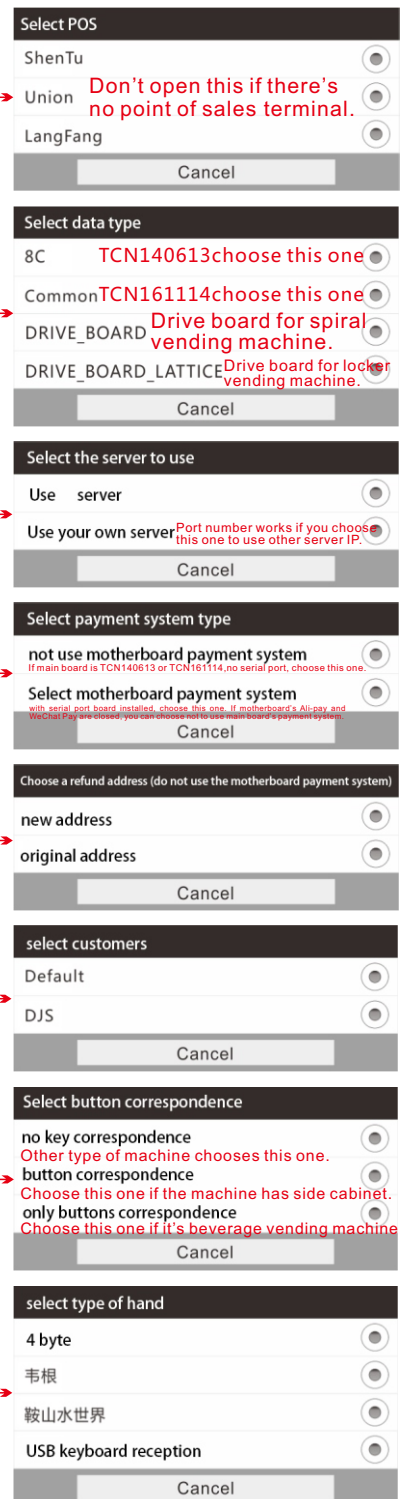
All settings works after turning off the power and restarting.



TCN140613

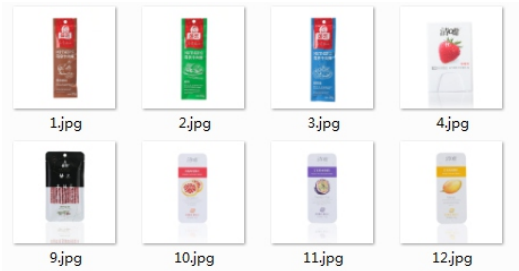


TCN161114



Update goods info with U disk

- 1、 Create a folder 'TcnImageGoods' , then put goods pictures into this folder. And copy this folder to U disk' s root directory.



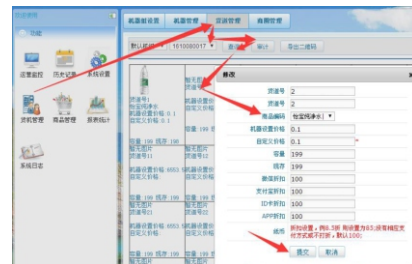
- 2、 Create a Excel file called 'tcn_product.xlsx' to input goods information as the picture shows below. Copy this file to U disk' s root directory.

slot number	product name	types of goods	product introduction	pictures of goods	product code	price	stock quantity	slot capacity
1	yili	milk		1. jpg	12345	1	5	199
2	yili	milk		2. jpg	12346	1	5	199
3	yili	milk		3. jpg	12347	1	5	199

- 3、 It will restart automatically when the machine has detected 'tcn_product.xlsx' . (If not restart, please restart by your own).
- 4、 Close the door and wait machine' s loading. It can copy U disk' s pictures to machine and change the goods information automatically.

Remote modification of slots information

- 1、 Make sure the door is closed and locked.
- 2、 Make sure if the machine connects to the Internet. If it' s the colorful screen, blue signal icon with no red horizontal line will be showed at signal bar when the machine successfully connects to the Internet.



- 3、 Use WeChat subscription account or browser to log in background system to download and match goods information.
- 4、 Choose corresponding vending machine and slot, then you can set price, slot capacity and goods picture, etc.
- 5 The background system' s settings can be synchronized to the machine by opening background system synchronization.

Attention: If machine has colorful screen, it takes a lot of data when synchronizing pictures. And this may result in fault because of an overdue bill. You can copy goods pictures to machine with U disk then open synchronization.