



Guangzhou ZhongDa Smart Technology Co., Ltd

Guangzhou ZhongDa English Touch Pad Vending Machine Manual





Product analysis





Quick guideline before processing

Plug in (1) socket is behind the machine and turn on the main power switch; and take out the Antenna (2) out through the hole as picture shown.



(1)



(2)

Below is relevant buttoms for the cold drink and snack vending machine





I. operating interfaces

1. Touch standby interface screen to login .

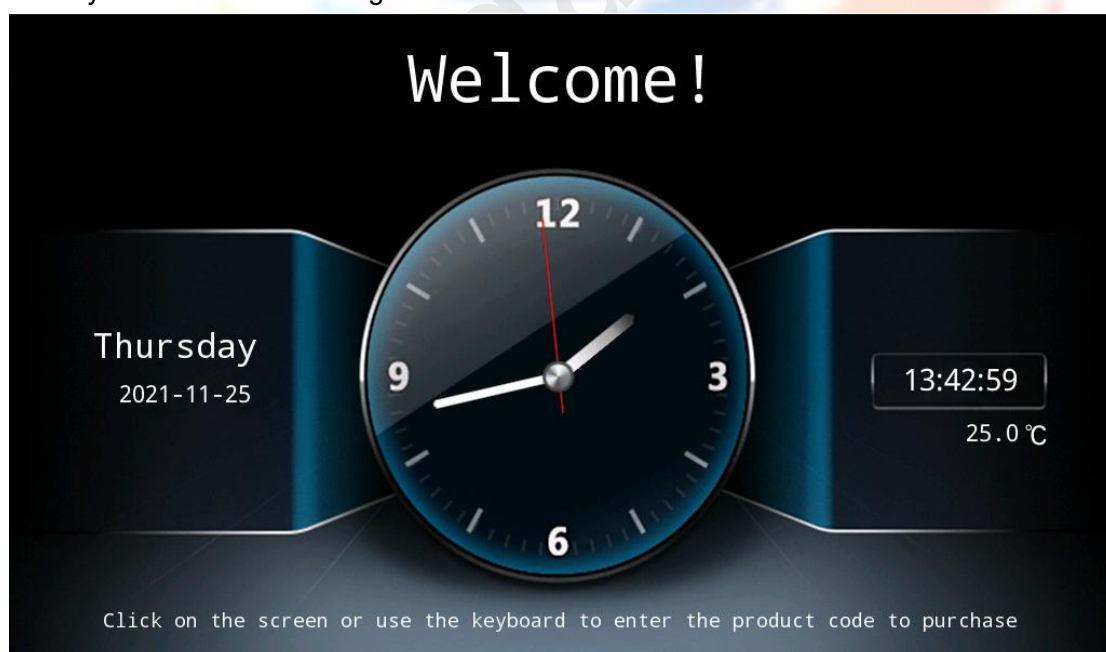


Figure 1.1.1 Standby interface



3 . Login by pressing the system setting button:

Or login with password: Press the DEL 3 times and then press OK, then press 20190130

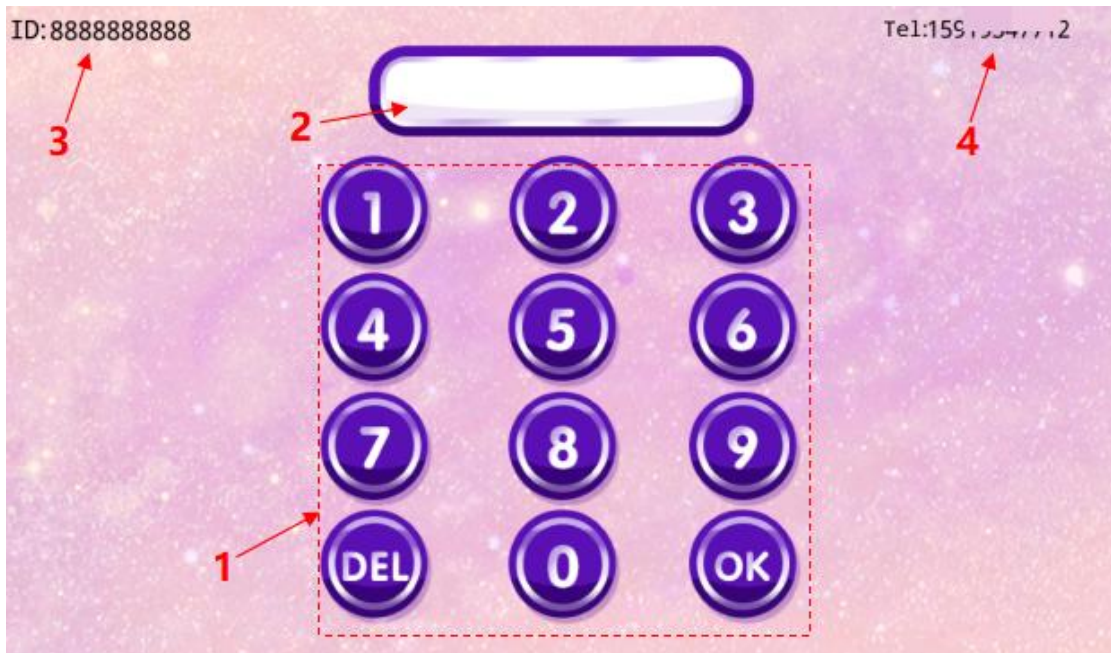


Figure 3.1.1, commodity purchase interface

Remarks:

1-Choose the item #, then click "OK" to purchase

2- display area

3- machine ID#.

4-Contact information, you can enter the background of any setting.



4 . Accesses to the MENU list as below:



Figure 4.1.1 Main background interface

1-System time display and Settings.Press the dotted line long to automatically pop up the time to set the keyboard, through which you can set the current system time.

2- inventory management

3-Sales Report

4-price management

5-User Settings interface

6- Capacity Setting

7-Payment equipment management,

8-Coil test

9-software version#

10-Exit and back to commodity purchase interface (Figure 2.1.1, commodity purchase interface)

11-Screen version #



3.1 Steps for Commodity inventory management

The screenshot shows a software interface titled "Replenishment-I". At the top left is a back arrow icon (1). At the top right is a save icon (2). Below the title is a grid with columns labeled 0 through 9. The first column of the grid is labeled "Floor 1" through "Floor 6" (3). Each cell in this grid contains the number "0". A red dashed box encloses the entire grid (4). Below the grid are three buttons: "All full" (5), "All clear" (6), and "Page down" (7).

	0	1	2	3	4	5	6	7	8	9
Floor 1	0	0	0	0	0	0	0	0	0	0
Floor 2	0	0	0	0	0	0	0	0	0	0
Floor 3	0	0	0	0	0	0	0	0	0	0
Floor 4	0	0	0	0	0	0	0	0	0	0
Floor 5	0	0	0	0	0	0	0	0	0	0
Floor 6	0	0	0	0	0	0	0	0	0	0

Buttons: All full, All clear, Page down

- 1-Exit to the main background interface (Figure 3.1.1)
- 2-Save
- 3-full for one tray
- 4-Commodity single inventory display
- 5-Full for all inventory of machine
- 6-clear for all inventory of machine
- 7-Down page button (for machine more than 6 layers only)



3.2 price management

Goods price-I

	0	1	2	3	4	5	6	7	8	9
A	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
B	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
C	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
D	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
E	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
F	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

All Goods 0.01 Page down

- 1-Full tray Price Setup button.(applicable when all price is same for one tray)
- 2-Commodity single price display
- 3- One Price for the whole machine..(applicable when all price is same for one tray)
- 4-Input and display of whole machine.
- 5-Down page button (for machine more than 6 layers only)



3.3 Equipment capacity setting

	0	1	2	3	4	5	6	7	8	9
Floor 1	0	0	0	0	0	0	0	0	0	0
Floor 2	0	0	0	0	0	0	0	0	0	0
Floor 3	0	0	0	0	0	0	0	0	0	0
Floor 4	0	0	0	0	0	0	0	0	0	0
Floor 5	0	0	0	0	0	0	0	0	0	0
Floor 6	0	0	0	0	0	0	0	0	0	0
All										

1-Full-tray setup button.(applicable when all price is same for one tray)

2-Commodity Single capacity display

3-Full-machine setup button.(all capacity will be same like the 1st single capacity display)

4-Down page button (for machine more than 6 layers only)

Note: The capacity will be well setup and fixed before dispatched out>

DO NOT CHANGE PRIVATELY IF NOT NECESSARY.

click the Save button for any setting before exiting and back to interface.



3.4 Payment equipment management

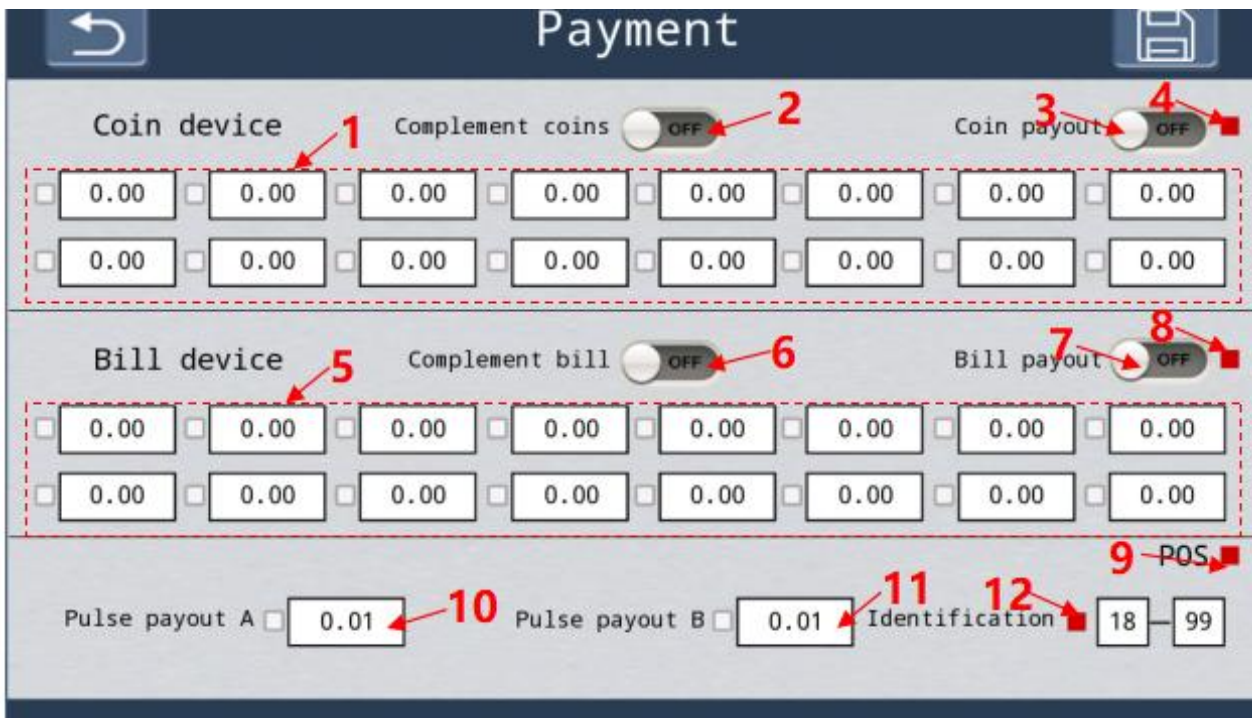


Figure 3.4.1 Payment equipment management interface

Coin device Settings:

1-Coin device can receive the denomination display area, each receiving coin can arbitrarily choose whether it is valid (green indicates valid).If you do not want the coin device to receive a certain denomination, you can set it up by clicking on the small box in front of the coin coin.

2-Coin ware change supplement button, turn on to supplement the coin change

3-The coin finder function, you can use the coin finder to find zero (on: the coin device must have the zero finder function).

4-The indicator lamp flashes when the coin device is connected normally.

banknote setting:

5-acceptor instrument receivable denomination display area, each acceptable note can arbitrarily choose whether it is valid (green indicates valid).If you do not want the currency to receive a denomination, you can set it by clicking the small box in front of the currency.

6-Banknotes change supplement button, open can supplement the banknotes change.

7-Banknotes instrument change function, you can use the banknotes instrument to turn on (on: the banknotes



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instrument must have change function).

8-Connect the indicator light of the banknote instrument, which will flash after the banknote instrument connection is normal.

Card reader:

9-Card reader connection indicator, the indicator flashes after the card reader connection is normal.

Pulse for changes purpose

10-Pulse Zero A road change denomination, click on the pop-up keyboard to set the change denomination.

11-Pulse to zero the change denomination of the B road, click on the pop-up keyboard to set the change denomination.(Note: Pulse zeroing is on and off by clicking the small box ahead, and green indicates that the pulse zeroing function along this way is on.)

Identity:

12-Identity connection indicator light flashes after the device connection.Click on the display box corresponding to the age range, and the keyboard can pop up to set the age range (which is not temporarily open)

3.5 Set the interface

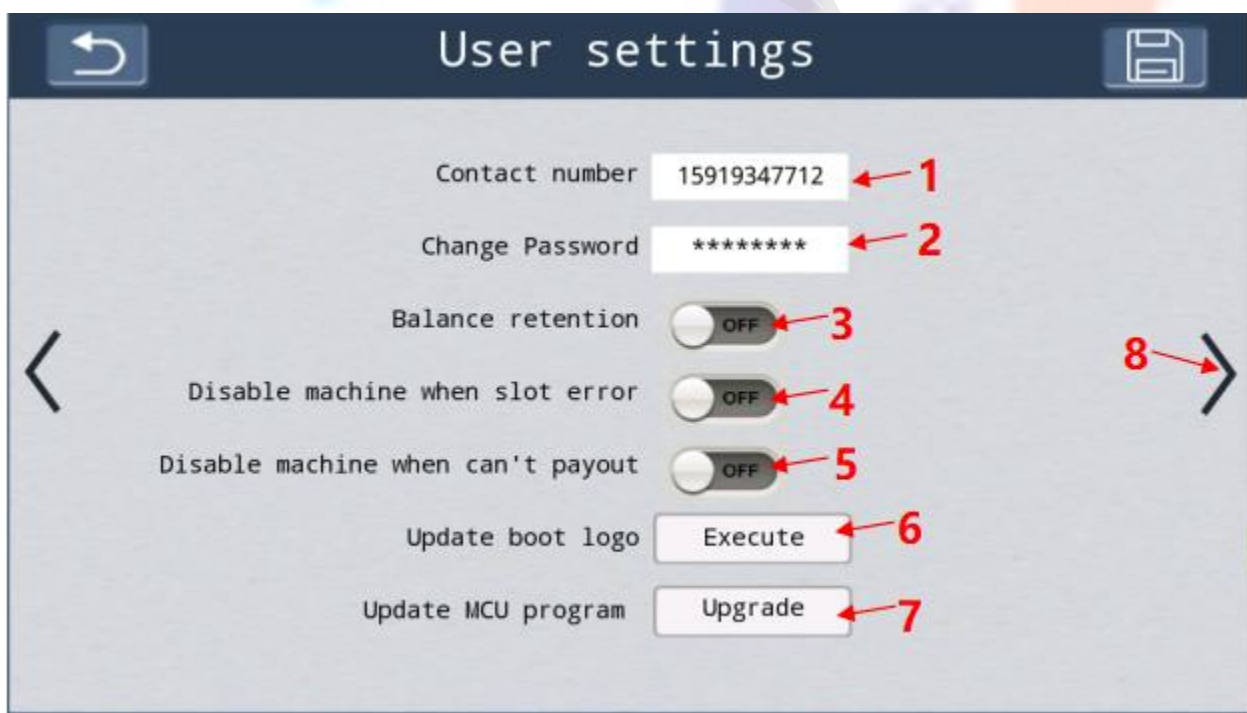


Figure 3.5.1 User Setup interface

1-Contact information, which will appear on the top right of the purchase product interface.

2-Change the system setting password. (original one is 20190130)

3-Balance retention. (credit function). Turn here on, If there is no balance, the transaction is automatically completed. If there is still a balance, the customer is prompted to continue to purchase or settle.



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4- Disable machine when slot error on dispensing . when the slot fails to dispense the products, the machine will be automatically lock and disable for purchase. Restart the machine to be enable the purchasing function

5- Disable machine when cannot payout (only applicable for device have change function on payment)

6 & 7. not applicable.

8. Left / right page flip button to switch to the multilingual settings interface.

3.6. multilingual settings



Figure 8.2.1 Multilingual setting interface



3.7 Sales logs & reports

all logs and sales reports can be exported via U disks or SD cards.

Date	Time	Slot	Error code	Payment method	Amount
1	2	3	4	5	6

Delete 7 Export 8

1-Time of sale.

2-order quantity.

3-Number of transaction failed orders.

4-Transaction amount statistics.

5-Statistics of the amount of the refund incurred.

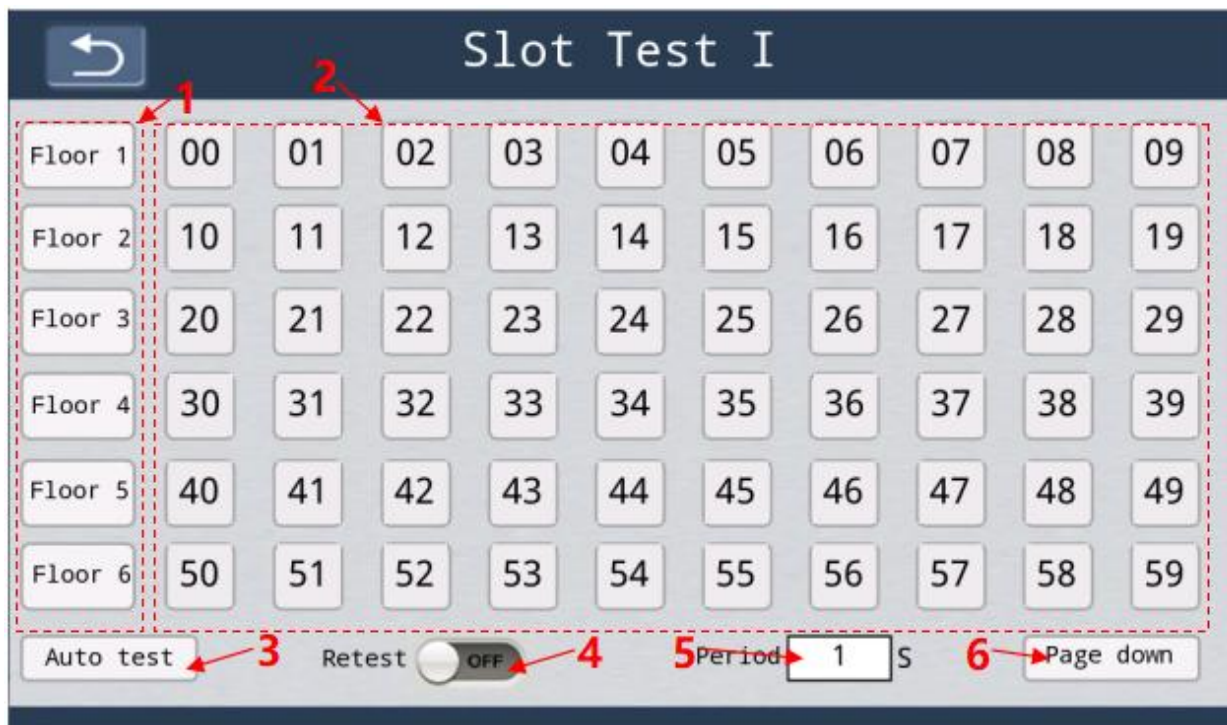
6-Total transaction amount.Delete and data export functions are not restated as in sales logs.



- 1-Time of sale.
- 2-order quantity.
- 3-Number of transaction failed orders.
- 4-Transaction amount statistics.
- 5-Statistics of the amount of the refund incurred.
- 6-Total transaction amount.



3.8 coil test



1-Automatic test for full tray

2-Single slot test & status display

3-Automatic test for whole machine.

4-Repeat automatic test for the whole machine.

5-Period for next slot when automatic test on tray or whole machine.

6-Down page button (device over 6 layers valid only)



I. Goods Display

1. Springs Installation and Adjustment

A. Installation

Usually we will install the springs before shipment. But sometimes if you have bought extra springs and you want to install them, you need to know how to uninstall and install.

Springs are fixed by a buckle, which can be pulled out and turned around. You can turn into a position which you think is the best to install.



Then lock the spring in the opposite end part of the buckle hook first. The hook of the spring matches in the mouth, then press a little bit and turn to tighten. See the pictures below:



If you want to uninstall, please process in an opposite way.

B. Adjustment: pull the spring out 10MM, loosen the buckle, and rotate to an appropriate angle, let go of the adjusted spring and tighten.

2. Products Placement

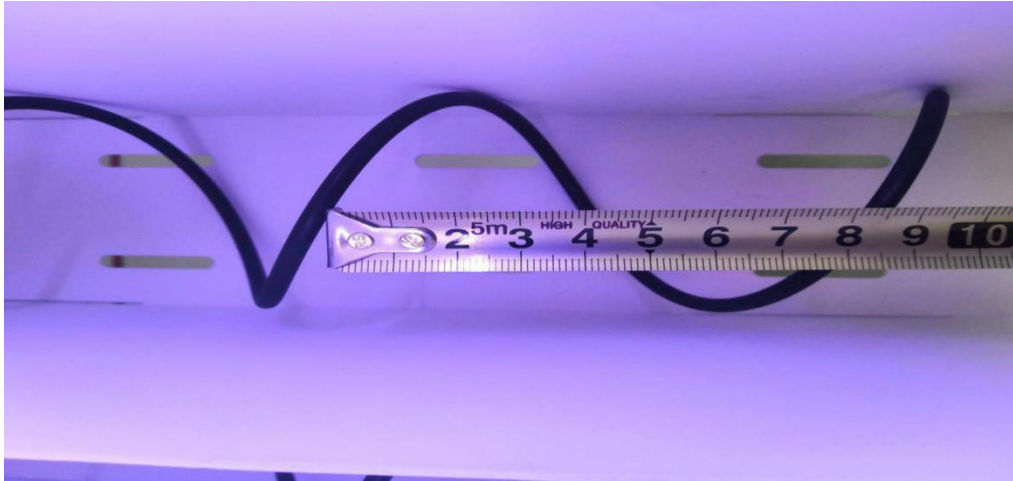
Vending machines are a comprehensive merchandise. Drinks, snacks and other suitable packed products in boxes or bags can be sold.

A. Take out the trays pallet:

Loosen both bolts under the pallet at the same time, then pull the pallet out.



B. Display products.



Different sizes of goods need to be placed in different sizes of trays. Usually we will adjust according to the products specifications you offered to us before order. But in the future, you want to change the products, and you don't know what to place, you can use a ruler to measure the diameter and width of the spring, and then compare the size of the product (with a fixed package). The easiest way is to put the product on the spiral trays to check it. It should be neither too tight nor loose (falling from the spring center).



For cans and bottled drinks, adjust the spring as picture above (90°-150°).



The carbonated beverages sold (JUST FOR carbonated beverages) should be placed on the trays as low as possible. Otherwise, the cans will fall and the beverages will burst when customers open them, which will affect the customers' purchasing experience.



When the product is placed, the upper end of the product must not be tilted outward (can stand or tilt inward), which can effectively reduce the occurrence of the products sticking caused by the top of the product.



One spring tray should be placed one same kind of goods. It is best to fill up all the spaces every time. If you cannot fill up all, please leave the innermost one empty, not the first one. (In case when customers pay for it, there is no product coming out)

Then save the file and upload into the USB flash drive. Please remember don't need to add any folder either.

After you insert the USB flash drive, it will play the videos and pictures automatically one by one.

1. Install and Fasten the Machine

1. For some models, turn the foot till it reaches on the ground:





2. For some with a lock, step to lock it:



II. Vending Machines Maintenance

1. The spring turns half a circle more when it is sold out for one spiral tray, do not pull the spring out to adjust immediately, please clear the tray fault first and turn off whole machine dispense test, and test on that spring tray. After the spring is turned in the right place, then start whole machine dispense test.
2. If you want to refill different packed products after one tray is sold out, you need to pull the spring out and adjust, make sure it is turned into the right position to match the different packed products.
3. Do Not pull the spring during filling products. Please confirm if the spring is in place after filling, or it will cause spring turns but fails to dispense product.

III. Troubleshooting

Vending Machines Trays Troubleshooting

1. Single piece tray failure

In a single test, if the motor shows a fault in one circle rotation, it is a defective optical eye detection failure.

If the motor shows a fault in half turn, it means that the signal cable behind the motor is not connected. Check the signal cable of the tray, and then test the tray.

If the motor does not turn to display the fault, then the positive and negative poles on the motor are not plugged in, follow the cable to find the corresponding cable, and then test the tray.

2. The entire pallet of trays failure

When testing the trays, the motors do not turn, find the corresponding line (pink line), and connect it well and test it.

When testing the trays, the motor turns half a circle, find the corresponding signal line (light green line), connect and then test it.

3. The entire row of tray failure

When testing the tray, the tray does not turn, find the corresponding column line (black orange green yellow red white, blue, brown, gray, purple, purple), connect and test it.

4. All trays failure

(1) The drop detection setting is enabled, switch it. Test all the goods trays. (Drop detection setting on is: the motor turns a full circle when testing the cargo lane, but the trays status shows fault.)

(2) The trays is displayed as electromagnetic lock mode, switch it. Test all the goods trays. (The trays fault is: the motor turns 1/4 turn when the tray is tested, and the tray status shows normal)

5. insufficient inventory

If the purchased item is not in stock, the dialog box will pop up. As shown in



6. slots & Trays failure

If a slot fails during shopping, it is disabled by default. restarted the power switch or enter the background to replenish the inventory of the aisle to clear the fault.If the purchased commodity lane fails, the shipping lane fault prompt dialog box will pop up.As shown in



7. Enter the commodity number error prompt

If the purchased commodity aisle number does not exist, the shipping lane number error prompt dialog box faults up.As shown in

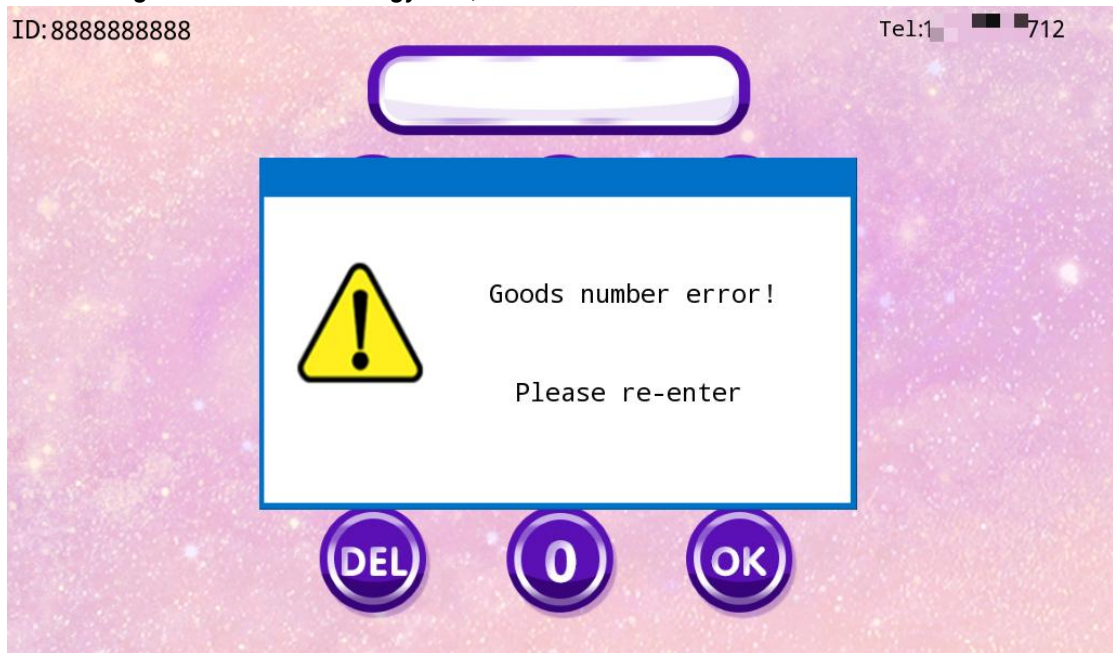


Figure 11.4.1 Enter an item number error prompt



IV. After-Sales Contact Information

For more questions, please contact our sales person or contact below:

ADD: Floor 2, No.4, Yongfeng Road, Yongshan Village, Shiqi Town, Panyu District, Guangzhou, 511400, China

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