




INSTRUCTION MANUAL



Color screen series products

A large, light gray curved shape at the bottom of the page, resembling a wide, shallow bowl or a decorative footer element.

SPECIAL NOTES

Dear users, before using this device, please read the following notes:

1. When using the initialization function, verify that there is still data in the consumer or server, or collect it first.
2. Use shielded twisted pair media for network wiring.
3. 485 communication distance more than 1200M, need to add repeaters.
4. Often maintain clean consumption, prevent water, lampblack, dust, corrosive gas and other intrusion into the machine, so as not to affect the normal work of the machine.
5. When there is dirt and dust on the surface of the casing, wipe it off with a dry fine cloth. Do not use cleaning fluid or other chemical solvents to avoid corrosion of the casing surface and damage to the components inside the casing.
6. The backup battery for power failure backup, normal use, please connect the power supply, in case of power failure can not be used.

If the machine fails, non-professionals should not open the machine, should promptly contact the local dealer or directly with the company.

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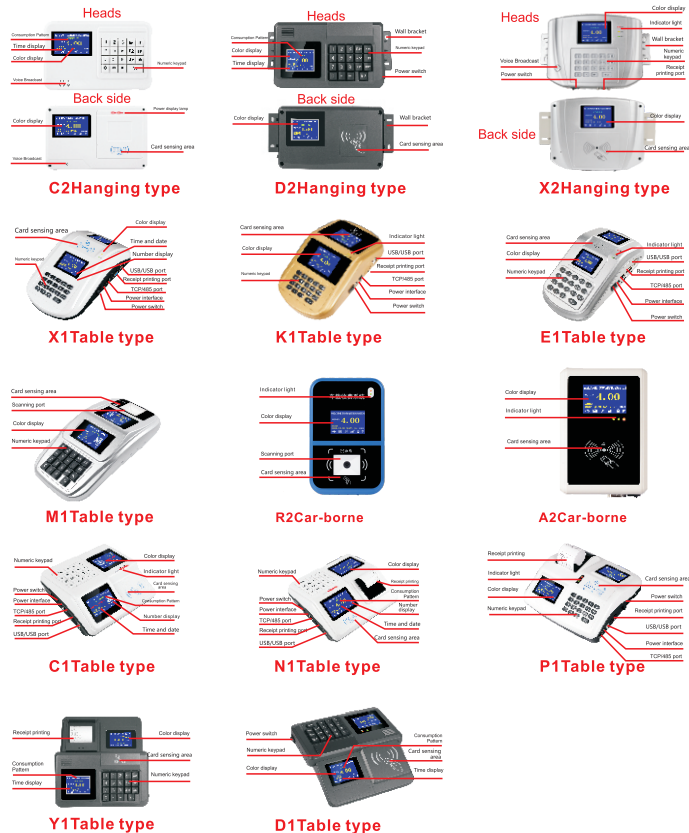
USAGE INSTRUCTION OF INDUCTOR IC CARD CONSUMER MACHINE

CHAPTER 1. PRODUCT FUNCTION AND TECHNICAL PARAMETERS

I. Product introduction

The color screen series consumer machine is a non-contact IC card consumer machine, which is an alternative to the contact type IC card, photoelectric card and other consumption methods. Instead, it is the most advanced non-contact IC card consumption method, when a user consumes, he only needs to swipe his card at the effective distance of the sensing area, and the consumer can complete the consumption after the approval of the consumer machine, which is not only convenient for the user to consume, but also convenient for the manager to statistics and manage the consumption situation, it can be widely used in canteen, restaurant, entertainment place, Food City, chain store, Amusement Park, bus company and so on.

II. Appearance of equipment



III. Product characteristics

1. The operation is simple, fast, double-sided display screen, operators and users can view display content at the same time, intuitive and clear.
2. Large storage capacity, user-friendly storage of various data.
3. The date, time, meal time, identification card type, manual consumption mode, fixed value mode and menu consumption mode are set by the system software when the computer is connected; When the computer is not connected, the management card can set the date/time, fixed value consumption amount and various consumption methods.
4. Have flexible consumption mode, such as menu consumption mode, manual consumption mode, fixed amount consumption mode, download consumption mode.
5. With daily quota, limit consumption function.
6. Allow System Management Software to distribute 1 million cards.
7. Adopting contactless ic card, compared with magnetic card and contactless ic card, it has the advantages of no contact, convenient use, higher security and reliability, etc. .
8. Ensure that data is not lost in the event of a power outage.

IV. Technical parameter

1. 8 Mb of storage, can store 60000 consumption data, can issue and report loss 100000 Cards
2. Read and write time less than 0.3 seconds
3. Working frequency: 13.56MHZ
4. Operating distance: 30mm-50mm
5. Relative humidity: 10%-90%
6. Communication mode: RS232, RS485 OPTIONAL: TCP/IP, wireless 433, Usb/u Disk, Wifi, GPRS, 4G
7. Power: 9V 1A
8. Product size (mm) :

C1Table type: 255mm*215mm*85mm	C2Hanging type: 245mm*155mm*60mm
X1Table type: 283mm*168mm*75mm	X2Hanging type: 218mm*170mm*63mm
D1Table type: 240mm*240mm*85mm	D2Hanging type: 245mm*145mm*60mm
M1Table type: 315mm*180mm*90mm	Y1Table type: 240mm*240mm*85mm
K1Table type: 280mm*170mm*68mm	E1Table type: 295mm*172mm*77mm
R2Car-borne: 228mm*146mm*55mm	A2Car-borne: 198mm*137mm*46mm
N1Table type: 255mm*215mm*85mm	P1Table type: 240mm*230mm*80mm

V. Keyboard function



1. [0-9] numeric key for entering consumption amount, number, share number, etc. .
2. [.] used to enter a decimal point in a number.
3. [+] used to add up the amount of consumption (in the case of display interface, press the + key to enter the recharge, refund, refund consumer interface) Login Pass-word: 888888.
4. [enquiry/statistics] check the in-flight consumption statistics, replenishment statistics, refund statistics, Refund Statistics, subsidy statistics and the total amount and the number of consumption in the same day.
5. Set to temporarily switch the consumption mode or view the time of the consumer.
6. Clear: cancels the current operation.
7. Kill. Confirm: Confirm Current operation.
8. [scroll up] , [scroll down] can scroll up and down and view the current 255 consumption details.
9. [function] access to common operations, (network settings, U Disk Acquisition, U Disk Settings, version information) LOGIN PASSWORD: 888888.

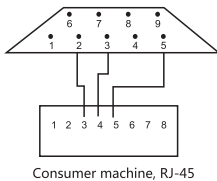
VI. Use Card class

1. Software licensing card: A system only has one software licensing card to set up consumer management software licensing (the card after the management software installation, in the software "help"->"system licensing" to complete the software licensing) .
2. Consumption Machine Management card: by the management software open card, select "set as management card" , can be used for the consumption of various parameters set (such as: consumption, machine number, consumption mode, set method see: Chapter 3) .
3. User card: User consumption, by the system management software distribution (open card method see software instructions) .

CHAPTER 2. NETWORK CONNECTIVITY

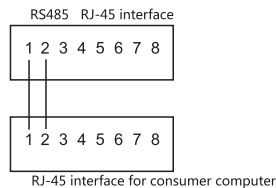
I. Wiring Diagram of RS232 for consumption machine

232 nine-pin connector



Consumer machine, RJ-45

II. The wiring diagram of RS485 consumer computer

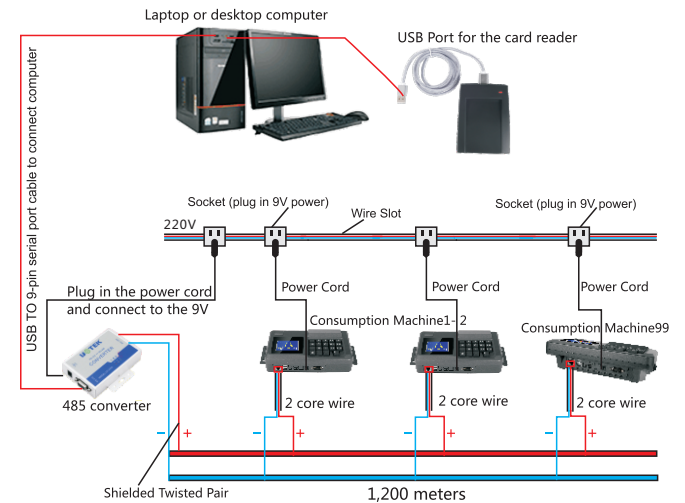


RJ-45 interface for consumer computer

Active RS485: the first and second of the Mesh Pressure Crystal head, the first and second of the Consumer Machine Mesh pressure crystal head.

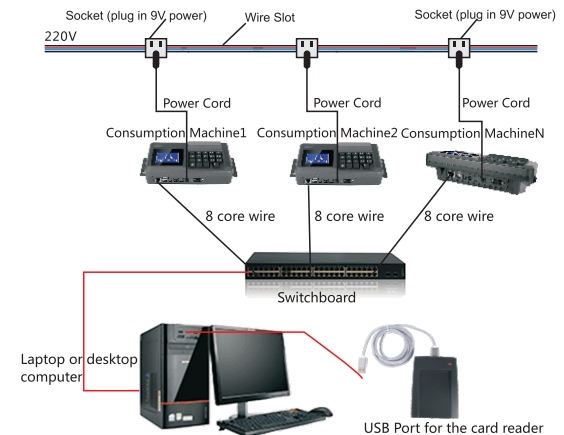
III. Network topology of consumer computer

485 Communication Network Diagram



TCP/IP Communication Network Diagram

The computer and the consumption machine are in the same TCP/IP local area, one end of the net line is connected with the router or the switch, the other end is connected with the consumption machine, the consumption machine sets up the IP, the data can be transmitted to the computer software in real time, the brush brush automatically transmits a pen, does not need to collect manually.



CHAPTER THREE, SETTING UP AND USING

I. First boot setting

Remove the consumer and power adapter (9V-1A) from the package and place them smoothly, plug it in (AC 220V). Turn on the power switch and connect the consumer to the computer (see chapter 2 for connection method, see the device communication method see the device back label the fourth letter: R for 485 communication, L for TCP Communication, U for USB Communication, V for 433 communication, W for Wifi communication, M for USB drive communication, G for GPRS communication, T for 4G network communication, show the boot interface. For example (figure 1)

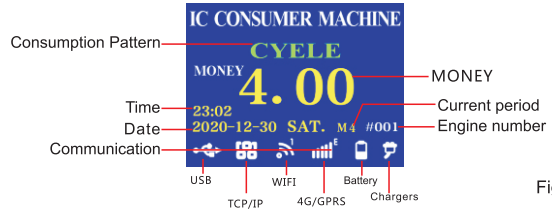


Fig1

II. Management Mode

Swipe the management card in the induction area (open the card on the software to choose "set as the management card"), enter the management mode.

As shown in figure 2

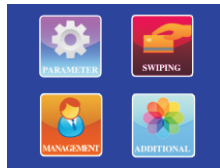


Fig2

Function description: This function mainly sets all the parameters of the machine.
 Operation Method: Select Up and down can press up, down turn key, press [confirm] key to enter options, press [clear] key to return to the boot interface. Note: When setting parameters, if you exit the management mode interface, you need to swipe the management card again to enter the management mode interface.

III. Parameter setting

Machine parameter setting: As shown in figure 3

Fig3



Function description: This function mainly set some basic parameters of the machine.
 Operation Method: You can press the up and down keys to select the corresponding settings, press the [confirm] key to enter the options, and enter the next settings, press the [clear] key to return to the next level of the menu.

1)Language settings: As shown in figure 4



Fig4

Function description: This function sets the machine language.
 Operation Method: Display the current language, press the up and down keys to select, press the [confirm] key to set the language successfully, and automatically return to the next level menu.

2)Machine Number Setting: As shown in figure 5

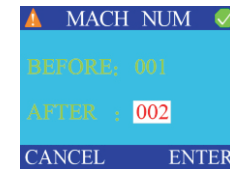


Fig5

Function description: This function sets the machine number.
 Operation: Display the current machine number, input the new machine number, press [confirm]key to set the machine number successfully, and automatically return to the next level menu.

3)Set Date: As shown in figure 6



Fig6

Function description: This function sets the date, time, and week of the machine.
 Operation Method: Display the current date, time, week, press the up-turn, down-turn key to select and input, press [confirm] key to set up successfully, and automatically return to the next level menu.

4)Voice Settings: As shown in figure 7

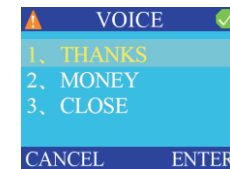


Fig7

Function description: This function sets the date, time, and week of the machine.

Operation Method: Display the current date, time, week, press the up-turn, down-turn key to select and input, press [confirm] key to set up successfully, and automatically return to the next level menu

5)Print number settings: As shown in figure 8



Fig8

Function description: This function to print the number of copies of the ticket set, the machine needs to support the printing function or external ticket machine.

Operation Method: Show the current number of prints, enter the number of copies, press [confirm] key set the number of successful (0 does not print) and automatically return to the next level menu.

6)Backlight time setting: As shown in figure 9



Fig9

Function description: This function on the machine display backlight off time settings.

Operation: Display the current backlight time, enter the backlight time, press [confirm] key set backlight success (default is 200 seconds) , and automatically return to the next level menu.

7)Backlighting: As shown in figure 10



Fig10

Function description: This function sets whether the machine backlight is always bright or not. The backlight will not be turned off after setting.

Operation Method: Set the screen backlight is always bright, press the up and down keys to select, press [confirm] key set backlight always bright success (default is closed) , and automatically return to the next menu.

8)Starting sector: As shown in figure 11



Fig11

Function description: This function sets the machine read card sector.

Operation Method: Display the current sector, enter the sector number (between 0-15) , press [confirm] key set sector successful (default is 2 sectors) , and automatically return to the previous level menu. Note the default sector: 2-5 sectors, no modifications except in special circumstances.

9)Number of autodownloads: As shown in figure 12

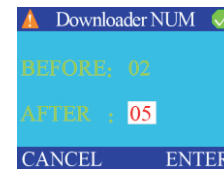


Fig12

Function description: This function sets the number of uploads each time the data is uploaded.

Operation Method: Show the current number of downloads, enter the number of downloads (between 1-15, the default value of 3) , press [confirm] key set the number of successful downloads, and automatically return to the next level menu.

10)Mobile payment cancellation: As shown in figure 13

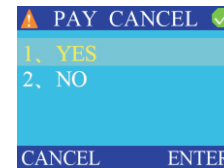


Fig13

Function description: This function is to turn on or off the mobile payment (Wechat, alipay, cloud flash pay) process can be cancelled.

Operation Method: To show whether the current start, you can press the up and down keys to select "Yes/no" , press the [confirm] key to set the mobile payment cancel success, and automatically return to the next level menu.

11)Top-up refund settings: As shown in figure 14

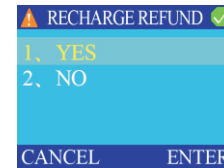


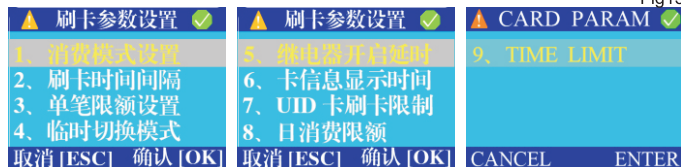
Fig14

Function description: This function is to open the machine can be used as a recharge machine.
 Operation Method: Show whether the current start, you can press the up-turn, down-turn key to select "open/close", press the [confirm] key to set up a successful refund recharge, and automatically return to the next menu.

IV. SWIPE SETTINGS

Swipe card parameter settings: As shown in figure 15

Fig15



Function description: The parameter of Swipe Card is set, and the parameter of Swipe Card is set mainly.
 Operation Method: You can press the up-turn, down-turn key to select, press the [confirm] key to enter the settings.

1)Consumption Pattern settings: As shown in figure 16

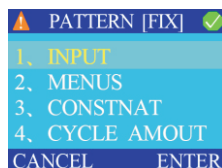


Fig16

Function description: This function sets the consumption mode of the machine. The manual mode is to manually input the amount and then swipe the card. The menu mode is to display the amount and then swipe the card, fixed mode can be fixed a amount of fee, download mode through the software to download different periods of the amount of fee deduction.
 Operation Method: You can press the up and down keys to select the consumption mode, press the [confirm] key to set the mode successfully, and automatically return to the menu.

2)Card timing settings: As shown in figure 17



Fig17

Function mode: This function is mainly on the time between the card to set, such as 60 minutes, the same card in 60 minutes only allowed to brush once.
 Operation Method: display the current interval time, input interval time (unit: minutes)000 means no interval, press [confirm] key to set the interval time successfully, and automatically return to the next level menu.

3)Single-stroke Limit Setting: As shown in figure 18



Fig18

Function description: This function set the limit of a single pen, after setting the amount of each input deduction can not be greater than the set limit of a single pen.
 Operation Method: Show the current limit of a single stroke, enter the limit (maximum not more than 160000) , press the [confirm] button to set the limit successfully, and automatically return to the next level of the menu.

4)Temporary switch mode: As shown in figure 19

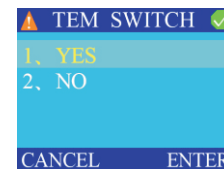


Fig19

Function description: This function set temporary mode switch, after setting can be used [settings] key to switch the consumption mode.
 Operation method: Show whether the current settings, you can press the up and down keys to select "Yes/no" (the default is "No") , press the [confirm] key to set the temporary switch mode successfully, and automatically return to the next level menu.

5)Relay output time settings: As shown in figure 20



Fig20

Function description: This function for the Channel Gate, access control function output information, after setting the card card after successful deduction of the output Information control channel gate and access control open.
 Operation Method: Display the current time, input signal output time, press [confirm] key set delay time success (0 is not output) , and automatically return to the next level menu.

6)Card Information Delay: As shown in figure 21

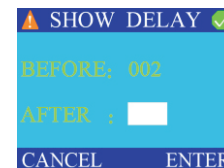


Fig21

Function description: This function mainly shows the time setting of the information after charging.

Operation Method: Display the current time, input time (in seconds) , press [confirm] key set time successful (minimum 1 second) , and automatically return to the previous level menu.

7)Whether to limit uid cards:As shown in figure 22

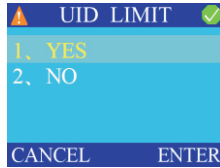


Fig22

Function description: This function mainly limits the consumption setting to the UID card, the copy card mostly uses the UID card, sets the UID limit, after the system defaults the copy card refuses this card consumption.

Operation Method: You can press the up and down keys to choose whether to set up, press [confirm] to set up successfully, and automatically return to the next menu.

8)Daily consumption quota: As shown in figure 23

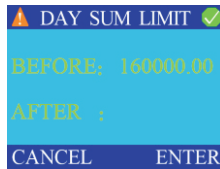


Fig23

Function description: Mainly on the day of the card consumption limit set, set the day after the limit set can not be consumed.

Operation Method: Enter a daily quota (maximum 160000) , press the [confirm] button to set the daily quota successfully, and automatically return to the previous level of the menu.

9)Time Limit: As shown in figure 24

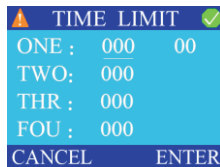


Fig24

Function description: The main time limit of the day for the card is set, after setting the time limit of the day can not be consumed.

Operation Method: Time limit into the first choice card type set "00" , (00-19)20 types, select one of them and then press the [confirm] key, you can set the number of each time period, you can press the up and down keys to select a certain time to set the number of times, press the [confirm] key to set the time limit successfully, and automatically return to the next level menu.

Note: This function is used to set a limit on the number of times a card can be swiped. "00-19" : the Machine Supports 20 card types, each number represents a type (press up, down turn key selection) card number: 1-255 range (set 0 to no card number, maximum number of 255) .

V、 USER MANAGEMENT

User Management Settings: As shown in figure 25

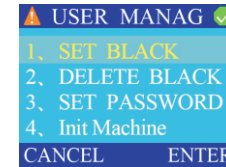


Fig25

Function description: This function mainly on the card blacklist settings, as well as the initial machine (after the initial machine data recovery factory state, please use with caution) .

Operation Method: You can press the up-turn, down-turn key to select, press the [confirm] key to enter the settings.

1)Set The blacklist: As shown in figure 26



Fig26

Function description: This function is used to set the blacklist on the card. The card is not allowed to be consumed on this machine.

Operation Method: Enter the need to set a blacklist of six card number, press the [confirm] key set blacklist successful, and automatically return to the next level menu.

2)Delete blacklist: As shown in figure 27



Fig27

Function description: This function is used to delete the blacklist of the card, after deleting the card allows consumption in this machine.

Operation: Enter the need to lift the blacklist of six card number, press [confirm] key set blacklist successful, and automatically return to the next level menu.

3)Setting the Password: As shown in figure 28

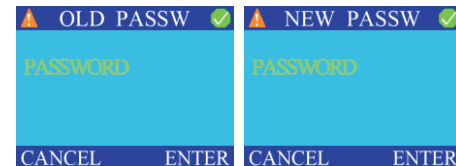


Fig28

Function description: This function is mainly to modify the operation password of the machine.
 Operation method: First enter the old password of the verification machine (the first password: 888888) and then press the [confirm] key, and then enter the new password, press the [confirm] key to set the password successfully, and automatically return to the menu of the previous level.

4) **Initialize the machine:** As shown in figure 29



Fig29

Function description: This function is mainly for the initial machine to make, restore the factory state.
 Operation Method: Enter a 6-digit password, press the [confirm] key to initialize the machine successfully, and automatically return to the next level menu. Note: This function is used with caution and is used to format all the information in the machine.

VI. ADDITIONAL FUNCTION

Additional features: As shown in figure 30

Fig30



Function description: This function is mainly to set up some additional functions of the machine.
 Operation Method: You can press the up-turn, down-turn key to select, press the [confirm] key to enter the settings.

1) **Machine type:** As shown in figure 31

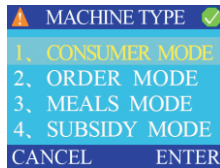


Fig31

Function description: This function is mainly set to the type of machine, set to the corresponding functional type of machine.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select the modification, press the [confirm] key to set up successfully, and automatically return to the next level menu.

2) **Ordering Mode:** As shown in figure 32



Fig32

Function description: This function sets the order mode of the machine. Every other day order lunch in the morning, lunch in the evening, breakfast in the evening, and every other day order multiple meals or one meal for the next day.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select the modification, press the [confirm] key to set up successfully, and automatically return to the next level menu.

3) **Enable subsidy/cycle storage:** As shown in figure 33

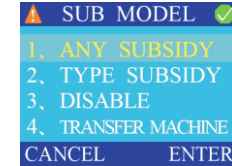


Fig33

Function description: This function is mainly for the subsidy mode to set up or close or set up the coil deposit machine, set up and open the corresponding function.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select mode, press the [confirm] key to set up successfully, and automatically return to the next level menu.

Card number subsidy: After Opening the card number subsidy, the subsidy amount should be passed down through the software to the subsidy machine, and the user should swipe the card to the subsidy machine to get it.

Card type subsidy: After Opening the card type subsidy, the amount of the card type subsidy should be issued through the software, and the user should swipe the card on the subsidy machine to get it.

Circle Deposit: After the mode of circle deposit is opened, the user recharges the money by paying attention to the wechat public number and then swipes the card on the circle deposit machine to get it.

4) **Subsidies are zeroed out:** As shown in figure 34

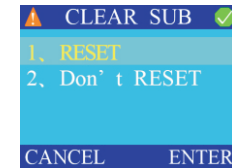


Fig34

Function description: This function is mainly to set whether the subsidy is reset, reset the balance of the subsidy in the card to the subsidy date, reset the balance of the subsidy in the card to the subsidy date, reset the balance of the subsidy in the card.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select mode, press the [confirm] key to set up successfully, and automatically return to the next level menu.

5) **Cycle Mode:** As shown in figure 35

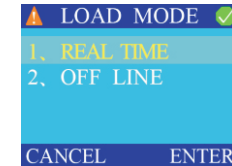


Fig35

Function description: This function mainly sets the looping mode, real-time looping is to get the amount of looping from the server in real time and charge it to Cannes, offline is the software automatically down to the looping register, the cardholder swipes his card at the ring machine to collect it.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select mode, press the [confirm] key to set up successfully, and automatically return to the next level menu. Note: This option is only available if you start the cycle mode in the supplementary function subsidy setting of the machine.

6)Cumulative subsidies: As shown in figure 36

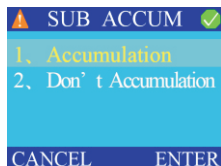


Fig36

Function description: This function mainly sets whether or not the subsidy is added up, which is added up to, for example, the first time the subsidy is not collected and then the second time the amount is added up and then the second time the subsidy is collected, does not add up to, for example, the first time the distribution did not receive again to cover the last amount to receive again.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select mode, press the [confirm] key to set up successfully, and automatically return to the next level menu.

7)Mobile payments: As shown in figure 37

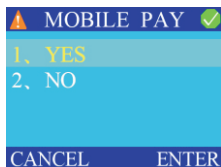


Fig37

Function description: This function is used to turn on or off mobile payment (Wechat, alipay, cloud flash pay) , the machine needs to support scanning code function.

Operation Method: Display the current settings, you can press the up-and down-turn key to choose whether to open, press the [confirm] key to set up successfully, and automatically return to the next menu.

8)Staff Photo: As shown in figure 38



Fig38

Function description: Mainly set up consumption display staff photos on or off, the machine needs to support TF card storage photos function.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select the modification, press the [confirm] key to set up successfully, and automatically return to the next level menu.

9) Set up rest days: As shown in figure 39



Fig39

Function description: This function is mainly used to set the function of the rest day, Saturday and Sunday off.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select the modification, press the [confirm] key to set up successfully, and automatically return to the next level menu.

Note: Single Day off: It is Saturday to order food, Monday to eat (every other day) . Weekend: It's Friday. We'll have dinner on Monday (two days apart) .

10)Enable timing mode: As shown in figure 40

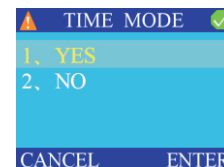


Fig40

Function description: This function is mainly used for the timing mode whether to turn on or off, after opening the machine to use timing mode.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select the modification, press the [confirm] key to set up successfully, and automatically return to the next level menu.

11)Set the entry and exit mode: As shown in figure 41

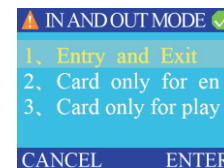


Fig41

Function description: This function is used for timing mode, and this machine can be set up for entering and exiting.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select, press the [confirm] key to set up successfully, and automatically return to the next level menu.

12)Time mode rates: As shown in figure 42

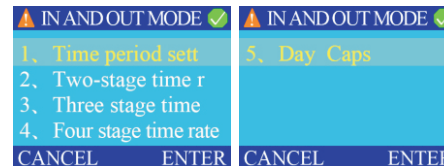


Fig42

Function description: This function is used to set the charging time, the time interval rate and the daily cap amount in the timing mode. It can support four time periods.

Operation Method: You can press the up-turn, down-turn key to select, press the [confirm] key to enter the settings.

12.1)Time period setting: As shown in figure 43

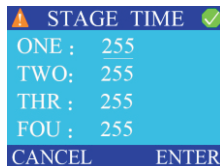


Fig43

Function description: This function is used to set charging time in time mode, such as 10 minutes for one session, 30 minutes for two sessions, 60 minutes for three sessions and 100 minutes for four sessions, so 10 minutes free (one hour is free) , more than 10 minutes less than 30 minutes, according to the two-hour rate deduction, such as admission 180 minutes, the first 30 minutes by the two-hour charge, 60 minutes by the three-hour charge, 90 minutes are charged in four time slots. After entering four time slots, all are charged in four time slots.

Operation Method: Display the current settings, you can press the up-turn, down-turn key to select the charging time period to enter the charging time, press the [confirm] key to set up successfully, and automatically return to the upper level menu.

12. 2)Two-phase time rate: As shown in figure 44

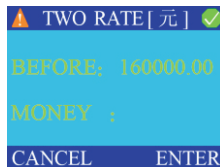


Fig44

Function description: This function is used to set the phase rate in timing mode to match the phase time.

Operation Method: Show the current settings, enter the amount, press [confirm] key set successfully, and automatically return to the previous level of the menu (three-stage, four-stage settings the same way) .

12.3)Solar ceiling: As shown in figure 45



Fig45

Function description: This function is used to set the maximum daily cap amount in timing mode, and charge the set cap amount in excess of the cap amount.

Operation Method: Show the current settings, enter the amount, press [confirm] key set successfully, and automatically return to the next level menu.

13)Electronic scale/minimum consumption setting: As shown in figure 46

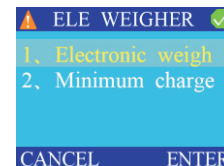


Fig46

Function description: This function is used for external electronic scale weighing charges (to be used with the designated electronic scale) , when the electronic scale calculated the weight and price and transmitted to the machine, the machine shows the consumption amount, the cardholder swipes the card to deduct the charge. The minimum consumption is: when the amount of weighing charge is less than the minimum consumption amount, it will be deducted according to the minimum consumption amount.

Operation Method: You can press the up-turn, down-turn key to select, press the [confirm] key to enter the settings.

13. 1)Enable the electronic scale: As shown in figure 47

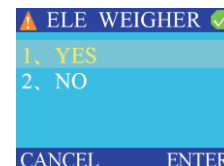


Fig47

Function description: This function can set the electronic scale function to turn on or off.

Operation Method: Display the current settings, you can press the up-and down-turn key to select settings, press the [confirm] key to set up successfully, and automatically return to the next level menu.

13. 2)Minimum consumption: As shown in figure 48

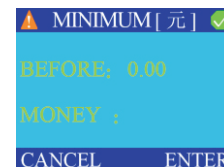


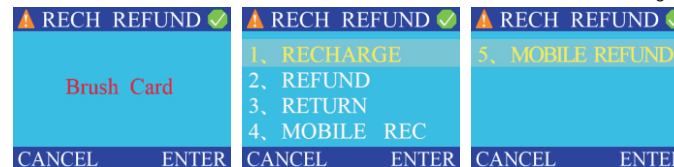
Fig48

Function description: This function can set the electronic scale consumption when the minimum consumption, when the consumption amount is lower than the minimum consumption amount set, according to the minimum consumption amount deduction.

Operation Method: Show the current settings, enter the amount, press [confirm] key set successfully, and automatically return to the next level menu.

VII. REFUNDABLE FUNCTION: As shown in figure 49

Fig49



Function description: This function is used for the user card recharge, refund, deduction error refund, mobile recharge and refund function (Scan Code) to use this function needs to be in the management interface-parameter settings-recharge refund settings (see figure 2 and figure 14) .
 Operation Method: Press the + key on the keyboard to display the management card to be swiped (and the same card used in figure 2) . After swiping the management card, enter the function interface and press the up and down keys to enter the corresponding functions.

1)Top-up: As shown in figure 50



Fig50

Function description: This function is used to recharge the cash of the User Card.
 Operation Method: Enter the amount of money added by pressing [confirm] key, showing the card please swipe, put the card into the sensing area, when hearing the 'beep' sound and voice broadcast, stop, add money over, at this point the display display card amount information, at the same time 3 seconds back to enter the top-up amount interface.

2)Refund: As shown in figure 51

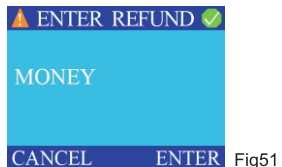


Fig51

Function description: This function is used to refund the user card.
 Operation Method: Enter the amount of refund by pressing the [confirm] key, display the card please swipe, put the card into the sensing area, stop after hearing the 'beep' sound and the voice broadcast, the refund is finished, then the display screen shows the amount of information in the card, at the same time 3 seconds back to enter the refund amount interface.

3) Refund of consumption: As shown in figure 52

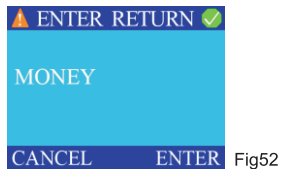


Fig52

Function description: This function is used to correct the user card deduction fee refund, such as deduction 10 yuan into 100 yuan, refund 90 yuan.
 Operation Method: Enter the amount of refund according to [confirm] key, show please swipe the card, put the card into the sensing area, stop after hearing the 'beep' sound and voice broadcast, the amount of refund is finished, the amount of information in the card is displayed on the display screen at this time, at the same time, 3 seconds to return to the input return amount interface.

4)Mobile recharge: As shown in figure 53



Fig53

Function description: This function is used to recharge the user card through Wechat, alipay, cloud flash scanning code (machine hardware with scanning dock) .
 Operation Method: Enter the top-up amount and press the [confirm] key, open the payment code of mobile phone apps such as Wechat, Alipay, Yunshan pay, and so on, aim at the scanning dock code of the machine, after the deduction is successful, when the machine shows the card, put the card into the sensing area, when hearing the 'beep' sound and voice broadcast, stop, recharge amount finished, at this time the display display card amount information, at the same time 3 seconds back to enter mobile recharge amount interface.

5) Mobile refunds

Function description: This function is used for mobile payment (Wechat, alipay, cloud flash pay) the amount of error original return, only allow the return of the last mobile payment orders.
 Operation Method: Select Mobile Refund consumption, complete order refund.

VIII. STATISTICS FUNCTION (press statistics/query key)
Statistics: For example (figure 54)

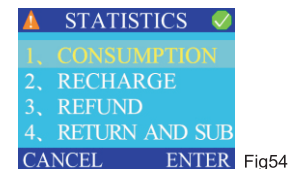


Fig54

Function description: Daily recharge amount, daily recharge times, time recharge amount, time recharge amount, time consumption amount, time consumption amount, daily consumption amount, daily consumption number.
 Operation Method: After press the Statistics key, you can press the up-turn, down-turn key to select, press the [confirm] key to enter the view.

1)Consumption Statistics: As shown in figure 55



Fig55

Function description: The total amount of statistics can be used to calculate the total amount of consumption and the number of times.
 Operation Method: You can press the up and down keys to select the options you need to query, press the [confirm] key to enter the view, press the [clear] key to return.

2) **Recharge statistics:** As shown in figure 56

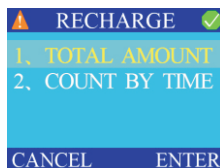


Fig56

Function description: Statistical total amount of the day can be statistics of the total amount of recharge and the number of times, according to the time period statistics can be statistics of the day of the recharge amount and the number of times.

Operation Method: You can press the up and down keys to select the options you need to query, press the [confirm] key to enter the view, press the [clear] key to return.

3) **Refund statistics:** As shown in figure 57

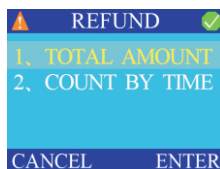


Fig57

Function description: The total amount of refund can be counted on the day of the total amount of refund and the number of times, according to the time slot statistics can be counted on the day of the refund amount and number of times.

Operation Method: You can press the up and down keys to select the options you need to query, press the [confirm] key to enter the view, press the [clear] key to return.

4) **Refund, subsidy statistics:** As shown in figure 58

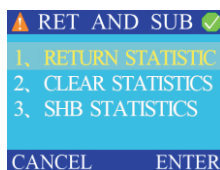


Fig58

Function description: To count the total amount and times of refund on the same day, the amount and times of refund on the same day, the amount and times of refund on the same day, the amount and times of refund on the same day, the amount and times of receipt on the same day.

Operation Method: You can press the up and down keys to select the options you need to query, press the [confirm] key to enter the view, press the [clear] key to return.

IX. COMMON FUNCTIONS: As shown in figure 59

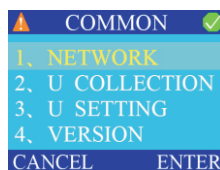
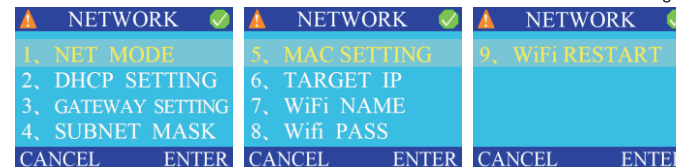


Fig59

Function description: This function is mainly used to set the network parameters, U Disk data acquisition, U Disk set machine parameters, view the machine, version and other information. Operation Method: The Standby Interface Press [function] key, enter the password after entering the interface, can press the up-turn, down-turn key to select the options needed to set, press [confirm] key to enter the corresponding functions.

1) **Network settings:** As shown in figure 60

Fig60



Function description: This function is mainly for Tcp/wifi Ip address, gateway, subnet mask, network mode, WIFI name, password settings.

Operation Method: You can press the up and down keys to select the options that need to be set, and press the [confirm] key to enter the corresponding functions.

1.1) **Network Mode Settings:** As shown in figure 61

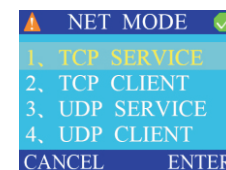


Fig61

Function description: Set the network mode, set it in different ways, the machine should be set as a TCP client when the software is on the server, and set the UDP server mode when the machine is not using the server, the software is needed to collect the data actively.

Operation Method: Display the current settings, you can press the up-and down-turn key to select settings, press the [confirm] key to set up successfully, and automatically return to the next level menu.

1.2) **DHCP Setup:** As shown in figure 62

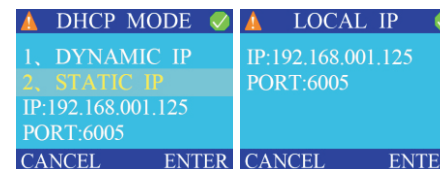


Fig62

Function description: DHCP function is mainly used to set IP address is dynamic or static, dynamic to automatically assign Ip to the machine, static to set a fixed Ip address to the machine, dynamic Ip can not be used in UDP server mode.

Operation method: Show the current settings, you can press the up and down keys to select settings, when you select static, you need to enter the IP address and Port (in UDP server mode, the port needs to match the software settings) , press the [confirm] key to set up successfully, and automatically return to the next level menu.

1.3)Setting up the gateway: As shown in figure 63



Fig63

Function description: Set the machine's Gateway Address, which can be viewed on the local router or on a computer under the same router. You do not need to set up a gateway when DHCP mode is set to dynamic.

Operation Method: Show the current address, enter the gateway address, press [confirm] key set successful, and automatically return to the next level menu.

1.4)Subnet mask: As shown in figure 64

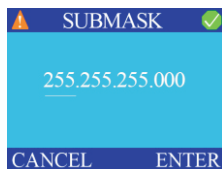


Fig64

Function description: Set the machine subnet mask address, view the subnet mask can be seen on the local router or the same router under the computer, when DHCP mode is set to dynamic no need to set the subnet mask.

Operation Method: Show the current address, enter the subnet mask address, press [confirm] key set successful, and automatically return to the next level menu.

1.5)Mac Address: As shown in figure 65



Fig65

Function description: Set the MAC address of the machine, this function is not to be modified under any special circumstances, when the same network in the event of Mac conflicts to be modified.

Operation Method: Show the current address, enter the MAC address, press [confirm] key set successful, and automatically return to the next level menu.

1.6)Target Address: As shown in figure 66



Fig66

Function description: This function is mainly used for TCP client mode machine request server address, port and other information.

Operation Method: You can press the up and down keys to select the options that need to be set, and press the [confirm] key to enter the corresponding functions.

1.6.1)Target Address: As shown in figure 67

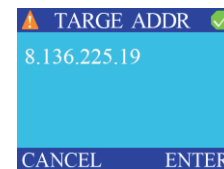


Fig67

Description: The target address is set to the TCP client mode machine request server address (can be a domain name or IP address) .

Operation Method: Show the current address, enter the target address, press [confirm] key set successful, and automatically return to the next level menu.

1.6.2)Target Port: As shown in figure 68



Fig68

Function description: The target port is the port of the machine request server in TCP client mode. It needs to match the port that the server software listens on, and the server has turned on the port number.

Operation Method: Show the current port, input port number, press [confirm] key set successfully, and automatically return to the next level menu.

1.6.3)GPRS/4G reboot: As shown in figure 69

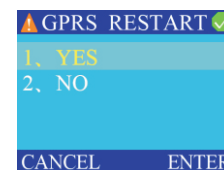


Fig69

Function description: This function is mainly used for GPRS/4G module software restart.

Operation Method: You can press the up and down keys to select the options that need to be set, press the [confirm] key to enter the completion of restart or not restart, and automatically return to the next level menu.

1.7)Wi-fi name: As shown in figure 70



Fig70

Function description: This function is used to set the Wifi name.
 Operation Method: Display the current wi-fi name, enter a new wi-fi name (press the same key to enter a letter, only supports 0-9 and A-Z case wi-fi name, no special symbol and Chinese) , press the [confirm] button to set up successfully, and automatically return to the previous level of the menu.

1.8)WIFI password: As shown in figure 71



Fig71

Function description: This function is used to set the WIFI password.
 Operation Method: Display the current wi-fi password, enter the new wi-fi password (press the same key continuously to enter the letters, only supports 0-9 and A-Z case wi-fi password, no special symbol and Chinese) , press the [confirm] button to set it successfully, and automatically return to the previous level of the menu.

1.9)WIFI restart: As shown in figure 72



Fig72

Function description: This function is mainly used for Wifi module software restart.
 Operation Method: You can press the up and down keys to select the options that need to be set, press the [confirm] key to enter the completion of restart or not restart, and automatically return to the next level menu.

2.0)USB drive collection: As shown in figure 73



Fig73

Function description: This function mainly U Disk to collect consumption data.
 Operation method: You can press the up-turn, down-turn key to select the options that need to be set, press [confirm] key to enter the corresponding function.

2. 1)Capture the latest: As shown in figure 74



Fig74

Function description: The latest collection is through the U Disk collection has not been collected water.
 Operation Method: When the display is inserted into the USB disk, insert the USB disk into the USB port of the machine. pull out the USB disk after the display is completed. Do not pull out the USB disk in the course of the acquisition to prevent data loss.

2. 2)Capture all: As shown in figure 75



Fig75

Function description: Collect all (including collected and uncollected) flowing water by U Disk.
 Operation Method: When the display is inserted into the USB disk, insert the USB disk into the USB port of the machine. pull out the USB disk after the display is completed. Do not pull out the USB disk in the course of the acquisition to prevent data loss.

3)USB drive settings: As shown in figure 76



Fig76

Function description: U Disk Settings are set through the U Disk machine parameters.
 Operation Method: Through the software to save the settings to the U Disk, and then the U Disk will be inserted into the machine, into the U Disk settings to complete the settings.

4)Version information: As shown in figure 77

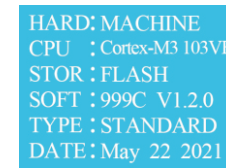


Fig77

Function description: View Hardware version information.

Operation method: Select the version information can be viewed, press the [clear] key to return to the next level menu.

X、CREDIT CARD PURCHASE

Consumer in standby manual mode, consumer display screen welcome to use IC consumer and current date, time and machine number and other information. If the cardholder needs to inquire the balance of the card, the card can be swiped within the effective distance of the sensing area. The display screen displays the cardholder's name, Card number and balance. If need to consume, input consume amount, and press [confirm] key, after consumer swipes card in induction ar -ea, consumption machine deducts this consumption amount. In order to facilitate the operation, users can choose different consumption patterns (a total of four consumption patterns) according to their consumption needs.

CHAPTER IV CONSUMPTION PATTERN

I、MANUAL MODE OF CONSUMPTION

- ◆ Input unit price corresponding number key;
- ◆ If you need to input the unit price of the second part, press the [+] key first and then input the unit price of the second part, and so on;
- ◆ If you need to modify the input unit price, press the [clear] key, then re-enter the unit price;
- ◆ When the input of consumer price is finished, press the [confirm] button to show the amount of credit card and charge, swipe the user's card within the effective distance of the sensing area, stop after hearing the 'beep' sound and the voice broadcast, and the charge is over, at this point, the display shows the balance of the card after consumption;
- ◆ If you need to cancel this operation after pressing the [confirm] key before swiping the user card, you can press the [clear] key and start again from step 1.

II、Menu consumption

- ◆ Input Menu corresponding number key (there are 999 kinds of menu name, menu key corresponding to the amount set through the software and submitted)
- ◆ If you need to input the second menu, first press the [+] key and then enter the number, and so on, if the same menu to order more than one first press the menu number and then enter '.' and then enter the number of confirmed;
- ◆ If you need to modify the input menu number, first press the [clear] key, and then re-enter the menu number;
- ◆ After entering the number of the consumption menu, press the [confirm] button to show the amount of the credit card and charge, swipe the user's card within the effective distance of the sensing area, stop after hearing the 'beep' sound and the voice broadcast, and the charge is over, at this point, the display shows the balance of the card after consumption;
- ◆ If you need to cancel the operation after pressing the [confirm] key before showing the user card, you can press the [clear] key and start again from step 1.

III、FIXED CONSUMPTION PATTERN

- ◆ Input consumption amount;
- ◆ If you need to modify the amount of input, press the [clear] button, and then re-enter the amount;
- ◆ After the input of the consumption amount, press the [confirm] button to show the amount of the credit card and debit card, swipe the user's card within a valid distance of the sensing area, and stop after hearing the 'beep' sound and the voice broadcast, the charge is over, at this point, the display shows the balance of the card after consumption;
- ◆ If only one copy is purchased, the operation can be completed by Swiping the card directly.
- ◆ If you need to cancel this operation after pressing the [confirm] key before swiping the user card, you can press the [clear] key and start again from step 1.

IV、DOWNLOAD CONSUMPTION


- ◆ Through the software to the amount of the machine, the download can be based on different types of cards to download different amounts;
- ◆ Each card type can be transferred three times (such as 2 yuan for the first deduction, 5 yuan for the second deduction, and 10 yuan for the third deduction) , while switching to different time slots will automatically change the amount of time, such as 1 yuan for breakfast, 5 yuan for lunch and 5 yuan for dinner, 1 Yuan for midnight snack;
- ◆ When showing the amount of credit card and charge, swipe the user card within the effective distance of the sensing area, stop after hearing the 'beep' sound and the voice broadcast, the charge is finished, and then the balance of the card after consumption is displayed on the display screen;

CHAPTER 5, STATUS QUERY

Check the date	BOOT can view (download mode by pressing the settings key to view)
Check the number	BOOT can view (download mode by pressing the settings key to view)
View the total amount spent on the day	Query/statistics button to see the total amount spent on the day
View the total number of times spent on the day	Query/statistics button to see the total number of times spent on the day
Check Cannes's balance	Swipe the user card in the consumer sensor area
View current consumption patterns	BOOT can view (download mode by pressing the settings key to view)

CHAPTER 6, EQUIPMENT MAINTENANCE AND COMMON FAULT TREATMENT

System Time Anomaly, please correct the time	Press [settings] key to view the machine time state, can be corrected through the software "correction time" function, if the correction still shows abnormal please contact our technical personnel
Not In the consumption period	The current time can not be consumed, wait for consumption time or change consumption time by the administrator
Cancel card	The new card has not opened an account or has already cancelled, hand in the administrator to open an account
Invalid Card	The Card System Identification Code and the machine set does not match, can be downloaded through the software
Illegal card	Customer Code Error or card data error, please contact the technical personnel
This card is not authorized	The machine is in white list mode, the card does not issue the white list, the operator issues the white list or sets the black list
Report Lost Card	The card was reported lost and handed over to the administrator
Time interval limit	The card can only be swiped once in a time period
The card has expired	The card has expired. Hand it back to the administrator for amendment
Limit of this card class	This card, the card type in this consumption machine limit consumption, the administrator issued consumption rights
This card is limited	This card has reached the consumption limit of the day, can be sent to the administrator to amend the increase in the limit
This card has been used for a limited time	This card has reached the current period of the number of times, the administrator can be modified to increase the number of consumption
The card numbers don't match	Get the amount when the card number is not consistent with the recharge, after the re-brush (circle deposit machine)
Card Anomaly	The card data is abnormal, please contact our technical personnel
Single limit	If the consumption limit exceeds the set limit, the administrator can modify the value of the machine
Exceeding the maximum amount	The balance has exceeded the maximum balance set and will be handled by the administrator
Running water storage is full	The data storage in the machine is full, and the data in the machine should be cleared after collection and used again
Insufficient capacity	There's not enough storage space on the flash drive
Please reinsert the flash drive	The machine does not recognize the U Disk, please insert the U Disk or replace the U Disk and try again
Please Swipe your card again	The card leaves the sensing area too fast, has not completed the expense, please within 5 seconds puts the card into the sensing area again
Unsearchable stream	There is no consumption or recharge flow in the machine
Password error	Incorrect Password entered when reloading or setting parameters (initial password 888888)
Read-write limit	Card damage or abnormal data, to the administrator to deal with
Insufficient balance	To the super to top it off
Above refundable amount	The amount of the refund exceeds the balance remaining on the card
This card has been ordered (breakfast/lunch/dinner/Supper)	The card has been ordered, no need to re-order (order machine)

No order on this card	Card not ordered food, can not eat (dining machine)
The card is ready for dinner	The card has been served. No more meals
No such meal	Invalid meal times (Order Machine) were selected when ordering
Less than the minimum balance in Cannes	Balance is lower than the minimum balance set, reset the minimum consumption or recharge
This card is subsidized	This card has received a subsidy (subsidy machine)
No subsidy (top-up) record	This card is not issued subsidies (subsidies and recharge machine)
The reset time is incorrect	The issued reset date does not meet the requirement (subsidy machine)
Maximum balance of super card	The balance in the card is more than 900000.00 yuan at the time of recharging
Machine battery icon display 	The balance in the card is more than 900000.00 yuan at the time of recharging
The menu is out of order	Menu mode select menu item exceeding maximum
UID Card limit	This card may be a Uid copy card, to be handled by an administrator
Unusual Order Times	Cannes order time and the current machine time anomaly (order machine)
Non-refundable amount	The cash balance in the card at the time of Refund is 0 (refund machine)
Uncollectible running water	The data has been collected, and there is no need for repeated collection
Limit the number of orders	Number of portions selected in excess of the limit
Please insert the printer paper	The receipt printing paper is used up or the paper gets stuck when printing
In-and-out time anomaly	The entry time is longer than the exit time, to be handled by the administrator
This card is in play	The timing machine is in approach mode and repeatedly swipes the card
This card is not entered	The timing machine is in out mode, no card is swiped on the timing machine in enter mode
Cycle time-out	The machine timed out communication with the server, detecting the network connection and the state of the server
There's no record of it being circled	This card number is not circled
There's no trading slip number	Mobile payment refunds without this trade order number, the machine can only temporarily store a trade order number (after shutdown or operation of the refund, will clear this trade order number)