Coin Exchange : VDM-DEC007

Contents

Ⅰ：Preface

Dear Customers：

Thanks for your buying,in order to offer an excellent service to you, please read this manual carefully prior to using and please keep it welly.We offer two years period warranty and the life-long maintenance to the products you buy.We will charge the material costs according to the following situations:

❖ Out of Warranty Period;

❖ Damages caused by buyers during transportation and loading.

❖ Errors caused by dis-assembly repair and/or modification without permissions from factory.

Ⅱ : Summary

The Coin Changer is a machine like an ATM offering a self service of buying the coins/tokens with banknotes. It is widely used in banking financial system, public bus transportation, metro, amusement and laundry shop etc. The machine is working stably and perfectly without labors. LED + LCD displays offer you a direct looking and easy operation.It is your good choice when you want to buy a coin changer to replace human labors to decrease the cost.

Ⅲ : Safety Notice

It is strongly recommended to use the leakage protector and the 3-pin plug for the machine so as to avoid static shock .Make sure that there is no other substances like different size coins, screws, cigarette etc so as to avoid incorrect counting, coin jam and damage to the machine.The machine should be placed levelly during operating. It is recommended to put it in a dry, cool and wind-flowing area. It is not allowed to start or stop the machine by plugging or un-plugging the power cable directly, instead you should use the switch on the machine. Keep children away from the

machine and do not allow the untrained personnel to open and disassemble the machine.

IV: Machine Picture

V：Machine Body and Accessory

S/N	Name	QTY	Remarks	Picture
1	Coin Changer	1 PCS	With 1 or 2 Bill Acceptor	
2	Power Cable	1 PCS	3 legs Plug, U.S., Britain, EU etc for your choice	
3	Manual	1 PCS	Chinese or English	
4	Key	3 PCS	1-Door，1-Cash box，1-Coin Container	

VI：Configuration

S/N	Name	QTY	Remarks
1	Motherboard	1	Controls the machine's operation
2	Bill Acceptor	1 or 2	For accepting and validating bills, support more than 150 countries currencies.
3	Hopper	1	Dispense coins/tokens; Size: Diameter 20-30MM，Thickness: 1.5-2.5MM
4	LCD	1	Display Menu for A/C checking, Password Setting etc
5	LED	1	To display the inserted bill amount and the dispensed coins
6	Mini Keyboard	1	Used to enter into LCD Menu and parameter setting
7	Power Cable	1	3-leg-plug, available with U.S. Britain, EU etc110V~240V
8	Fuse	1	2A Fuse to protect the machine perfectly
9	Filter	1	To filtrate the input110V~240V, avoid the clutter's disturbance
10	Switch	1	Bring convenience to power turn on and off

VII：Features

S/N	Name	Remarks
1	Denominations Supported	1、5、10、20、50、100 THB/USD/ER •••
2	Cashbox Capacity	About 5000 PCS
3	Coin Capacity	About 15000-20000 PCS
4	Coin Size	Diameter 20-30MM，Thickness: 1.5-2.5MM

5	Dispensing Speed	7 PCS/Sec
6	Volt	110V~240V
7	Power Consumption	100W
8	Machine Size	45（L）* 36（W）* 150（H）CM
9	N.W	60Kg

VIII：Functions

1. To offer the self service of exchanging bills into coins/tokens
2. Supports more than 150 countries currencies.
3. Designed with GSM Account Report, Error Report, letting you know exactly your machine's working status and account details.(optional)
4. The eye-catching LED shows the inserted bill amount and the due dispensed coins, easy to understand.
5. The big LCD shows you the menu and the parameters, with the mini keyboard, you could easily operate and set all the parameters.

IX: Keyboard's Keys and Definitions

Keyboard and Keys：Each Coin Changer is enclosed with a small keyboard for Menu Operation. There are 18 keys on the keyboard as follows: the numeric keys from【0】to【9】, and other keys【-】,【+】,【Enter】、【Del】、 【Back Space】、【Num Lock】、【/】、【*】

b. Keys Not Used：【Num Lock】、【/】

c. Definition of the Keys
【0】to【9】： For selecting and inputting numbers.
【-】： scroll up.
【+】： scroll down.
【Enter】： Confirm and enter into menu
【Del】： Cancel and exit menu
【Back Space】: backward/exit

【*】：means 10, like if you want to input 11, press key 【*】and then 【1】

X : How to Enter into Menu:

The LCD will display 『Welcome』when power is on. Press the key【Enter】, system will display『Please Input Password』, you could enter into the menu after inputting the correct password.

1.Account Check：You could check the record of current account as

well as the TB (Total Bills) and TC (Total Coins). Look at the following example. (*Rate: 1:2*)

	Number Displayed	Meaning
1. Bill In	100	The bills amount of current account
2. Coin Out	200	The dispensed coins of current account
3. TB	5800	The total amount of all the inserted bills up to now.
4. TC	11600	The total quantity of all the payout coins up to now.

2.Account Clear：To clear the records of Bill In and the Coin Out to

zero.

Clear Account ?	The system will require your final confirmation.
1. Yes	Press key 【1】 to clear the record to 0. Go back to 【Account Check】and you will find that 【Bill In】and 【Coin Out】will show the number "0", that means you have succeeded in clearing the record of the number "100" and " 200 "

2. No	Press 【2】 to cancel your choice. The system will return back to the previous page. Go back to 【Account Check】 and you will find that 【Bill In】and【Coin Out】will still show the number "100" and "200", that means you cancel the choice of " Clear " and the record will still remain.

Note: TB and TC cannot be cleared to zero '0'.

3.Set Bill Value： This function allow you to set to accept any

denominations of the banknotes you wish. (e.g.: take as example to show how to do the setting) Default Password: 『111111』

How to set to accept 1, 5, 10, 20, 50, 100

Bill Type	Bill Value	Operation Instruction
1.Bill1	1	Press key 【1】 and then input the number 1
2.Bill2	5	Press key 【2】 and then input the number 5
3.Bill3	10	Press key 【3】 and then input the number 10
4.Bill4	20	Press key 【4】 and then input the number 20
5.Bill5	50	Press key 【5】 and then input the number 50
6.Bill6	100	Press key 【6】 and then input the number 100
7.Bill7		
8.Bill8		
9.Bill9		

How to set to accept 10, 20, 50, 100. (Reject 1 and 5)		
Bill Type	Bill Value	Operation Instruction
1.Bill1	0	Press key 【1】 and then input the number 0, when you insert RMB 1, the bill acceptor will reject it back to you.
2.Bill2	0	Press key 【 2】 and then input the number 0,when you insert RMB 5, the bill acceptor will reject it back to you.
3.Bill3	10	Press key 【3】 and then input the number 10
4.Bill4	20	Press key 【4】 and then input the number 20
5.Bill5	50	Press key 【5】 and then input the number 50
6.Bill6	100	Press key 【6】 and then input the number 100
7.Bill7		
8.Bill8		
9.Bill9		

It allows you to set to accept RMB 10 to 100, or 20-100, or 50 - 100 or just 100 only as you wish.

4.Rate Setting

This Coin ATM allows you to realize any rate of exchange. For example you could set it to 1:1 that means when insert RMB 1, the machine will dispense 1 coin to customer. Of course you could also set the Rate Setting as 1:2, 1:3, 1:4, 1:5 ••• or Irregular Rate. It is easy to understand and operate after reading the following examples. Default Password: 『111111』

1:1 Rate Setting	

Bill Type	Payout Coins	Operation Instruction	Meaning
1.Bill1	1	Press key 【1】and then input the number 1	Inserting 1 and you will get 1 coin
2.Bill2	5	Press key 【2】and then input the number 5	Inserting 5 and you will get 5 coins.
3.Bill3	10	Press key 【3】and then input the number 10	Inserting 10 and you will get 10 coins.
4.Bill4	20	Press key 【4】and then input the number 20	Inserting 20 and you will get 20 coins.
5.Bill5	50	Press key 【5】and then input the number 50	Inserting 50 and you will get 50 coins.
6.Bill6	100	Press key 【6】and then input the number 100	Inserting 100 and you will get 100 coins.
7.Bill7			
8.Bill8			
9.Bill9			

1:2 Rate Setting			
Bill Type	Payout Coins	Operation Instruction	Meaning
1.Bill1	1	Press key 【1】and then input the number 2	Inserting 1 and you will get 2 coin
2.Bill2	5	Press key 【2】and then input the number 10	Inserting 5 and you will get 10 coins.

3.Bill3	10	Press key 【3】and then input the number 20	Inserting 10 and you will get 20 coins.
4.Bill4	20	Press key 【4】and then input the number 40	Inserting 20 and you will get 40 coins.
5.Bill5	50	Press key 【5】and then input the number 100	Inserting 50 and you will get 100 coins.
6.Bill6	100	Press key 【6】and then input the number 200	Inserting 100 and you will get 200 coins.
7.Bill7			
8.Bill8			
9.Bill9			

By analogy the way of setting the rate of 1:3, 1:4, 1:5 ••••• is the same.

Irregular Rate Setting: It could meet the different needs of different locations according to its different situations. It is flexible and suitable for Promotion Activity. For example if you insert less than RMB 10, no free coins to you. If you insert RMB 10, you could get 12 coins, that is 2 more free coin. If you insert RMB 20, you could get 25 coins, that is 5 more free coins. If you insert RMB 50 you could get 60 coins that is 10 more free coins and if you insert RMB 100 you could get 128 coins that is 28 more free coins. The more you buy, the more free coins you get. This stimulates players to buy more and you could get more profits. Of course you could set any number as you wish. See the following example.

Bill Type	Payout Coins	Operation Instruction	Meaning
1.Bill1	1	Press key 【1】and then input the number `	Inserting 1 and you will get 1 coin
2.Bill2	5	Press key 【2】and then input the number 5	Inserting 5 and you will get 5 coins.
3.Bill3	12	Press key 【3】and then input the number 12	Inserting 10 and you will get 12 coins, 2 more coins to attract customers.
4.Bill4	25	Press key 【4】and then input the number 25	Inserting 20 and you will get 25 coins,5 more coins to attract customers.
5.Bill5	60	Press key 【5】and then input the number 60	Inserting 50 and you will get 60 coins, 10 more coins to attract customers.

6.Bill6	128	Press key 【6】 and then input the number 128	Inserting 100 and you will get 128 coins, 28 more coins to attract customers.
7.Bill7			
8.Bill8			
9.Bill9			

5. Password Setting: Press key 【5】 and the LCD will require you as:

『Please Input Old Password』 (the default password is 123456)
　　******

『Please Input New Password』 (For example 654321)
　　******

『Please Input New Password Again』 (654321)
　　******

Then the LCD will display 『New Password OK』, and you have to input new password when you want to enter into Menu next time. If you do not input correctly, it will show 『Wrong Password』

6.Recover System: This function allows you to return the system back to normal working conditions caused by some abnormalities such as:

❖ Not Enough Coins for the Corresponding Inputted Bills
❖ Coin Jam
❖ Power Off Suddenly During Dispensing.

Operation Instructed: Press key 【6】 to enter into the sub-menu as follows:

● Coin Un-dispensed: *** (Note: it will display the quantity of coins not dispensed out due to some errors)

● Dispense Coins ?

    1. Yes -----Press key 【1】 and the machine will dispense the balance coins out.

    2. No------Press key 【2】 and it will not dispense the balance coins but return back to the previous page.

    (Note: by both choices, the machine will recover the error and return back to normal working condition)

7. Dispense All the Coins： Press key 【7】 and the machine will dispense all the coins out of the container completely. This function is usually used when you want to know how many coins were left in the container.

8. Exit Menu : Press key 【8】 and it will return back to 『 Welcome 』

9. Machine ID: Press key 【9】 to enter into Machine ID and you could see it as follows:

ID: WINFO1405010200000001 （Note: This is the machine ID, each machine is with a unique ID.）

TIME: 20140501 (Note: This is the Production Time, meaning 2014/05/01)

10. Language: (Operation Instruction: Press key 【*】 and then press key 【0】 to enter into the following page.Note: key 【*】 indicates 10)

1、中文

2、English

11. Coin Manage： (Operation Instruction: Press key【*】and then press key【1】to enter into this setting page. Note: key 【*】indicates 10. Default Password: 『111111』)

1．Remain：9950 （means it has dispensed 50 coins out. 10000 - 50 = 9950）

2．Add Num.：10000（means you add 10000 coins into the container. You could input any number, it = coins you put into the container）

3．Alarm Num.：200 （When the remain coins go down from 10000pcs to 200pcs. The machine will send SMS to your mobile or call your mobile to remind you of Insufficient Coins. It could continue to work until it reaches Stop Num. 100 pieces which it will stop accepting bills.The same, you could set any alarm number, it all depends on your business situation.）

4．Stop Num.：100 （When the remain coins go down to 100pcs, the machine will disable bill acceptor and it won't accept any bills until you come to recover it and set it to normal working conditions. This purpose is to avoid the COMPLAINT and TROUBLE caused by such case as: if customer inserts $100, and the machine have less than 100pcs coins, in this case, customer would complain or probably strike the machine.The same, you could set any stop number, but it is recommended to set the number equal or higher than the biggest denomination.Take $100 for example, rate is 1:1, then the stop number≧100）

12. Set Manage PW：

This Password is used to enter into the menu of Coin Manage. Press key 【*】and 【2】to enter into the sub menu as follows:

『Please Input Old Password』(the default password is 111111)
******

『Please Input New Password』(For example 654321)
******

『Please Input New Password Again』(654321)

******

Then the LCD will display 『New Password OK』, and you have to input new password when you want to enter into Coin Management next time. If you do not input it correctly, it will show 『Wrong Password』

13. Set Config PW

This Password is used to enter into the menu of 3.Set Bill Value and 4.Rate Setting. Press key 【*】and 【5】to enter into the sub menu as follows:

『Please Input Old Config Password』(the default password is 111111)
　******

『Please Input New Config Password』(For example 654321)
　******

『Please Input New Config Password Again』(654321)
　******

Then the LCD will display 『New Config Password OK』, and you have to input new password when you want to enter into Coin Management next time. If you do not input correctly, it will show 『Wrong Password』

XIII: Troubleshooting

Error Described	Causes	Solutions	Remarks
Failed to communicate with BA	1：Communication Cable is slack. 2：BA sensor is dirty with dusts.	1：Re-connect communication cable firmly. 2：Clean the sensor with dry cloth.	Contact service center if the errors are still after following the solutions.
Hopper Error	1：No coin in hopper. 2：Coin Jam in hopper.	1:Refill the coins 2：Remove the jammed coin will be OK.	As above

	1：BA sensor is dirty with dust。 2：BA sensor is broken。	1：Clean the sensor with dry cloth. 2：Contact with service center to solve it。	As above
BA Sensor Error			
BA Error	1：BA sensor is dirty with dust。 2：BA sensor is broken。	1：Clean the sensor with dry cloth. 2：Contact with service center to solve it。	As above
Hopper Sensor Error	1：Hopper cable is slack or disconnected. 2：Hopper sensor is dirty with dusts.	1：Re-connect communication cable firmly and then press key ENTER to restore the system. 2：Clean the sensor with dry cloth.	As above
Some coins were not dispensed due to some errors, please enter into Menu	The machine was suddenly powered off during dispensing the coins.	Press key 【Enter】, input password to enter into menu. Select the No.6--Recovery to enter into a sub-menu, select 'YES' or 'NO' to restore the system.	As above.

⚠ Please give the machine at least 30 seconds of rest when you turn on the power again.