

Guangdong Be-Tech Security Systems Limited

**2700M Controller
Installation Guide**

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CATALOG

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1. Standard Part List:

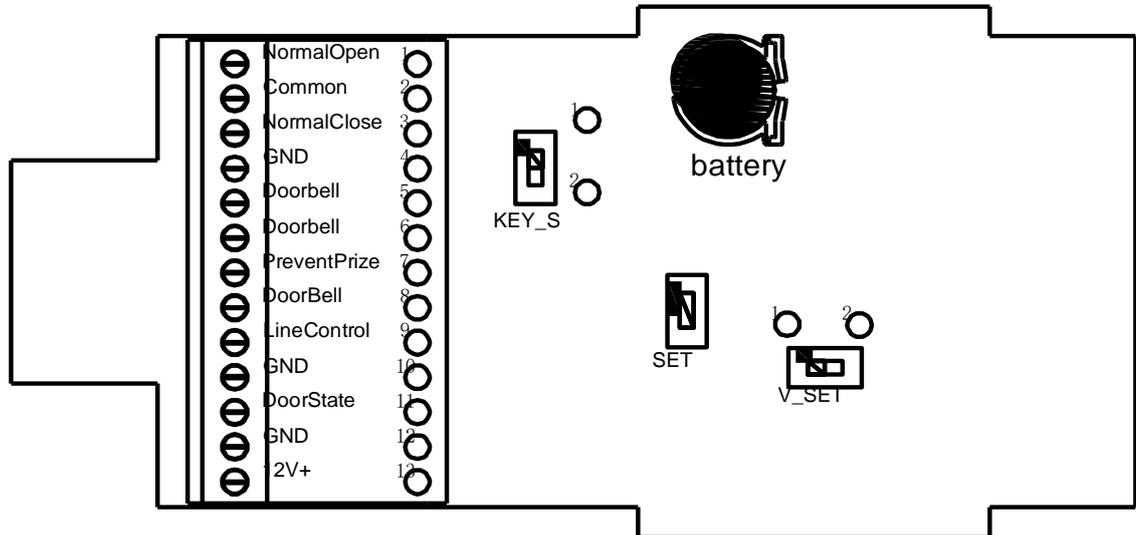


Standard Part	Quantity
Front control panel	1
Rear control panel	1
12V Adapter	1
Drop bolt and strike plate	1

2. Parameter of DC Adapter

Input Voltage	AC 220V 50 HZ
Output Voltage	DC 12V
Output Current	≤3.0A
Working Voltage	DC 12V

3. 2700M PCB Introduction



3.1. Function of SET

Initialization button, press it renew the PCB to default value which means the System ID (SID) became to blank.

3.2. Function of KEY_S

When the KEY_S is on 1, the reader will have 12v output for the lock power supply; when the KEY_S is on 2, the reader will cut off the 12v output, switch to dry contact mode. If your lock have own power supply, please switch to Key_S 2.

3.3. Function of V_SET

When the V_SET is on 1, the lock is senior accessing mode which means the lock is able to be opened by the opening card with relevant SID (System ID), LN (Lock Number) and WT (Working Time); when the V_SET is on 2, the lock is simple accessing mode which means the lock can be opened by the opening card with relevant SID.

4. Line Connecting

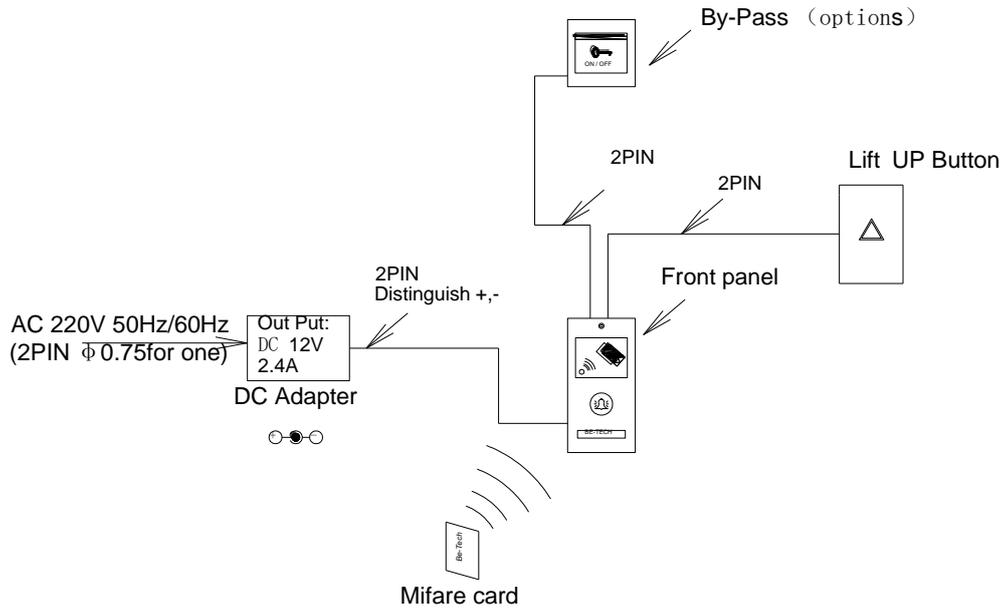


Figure 1

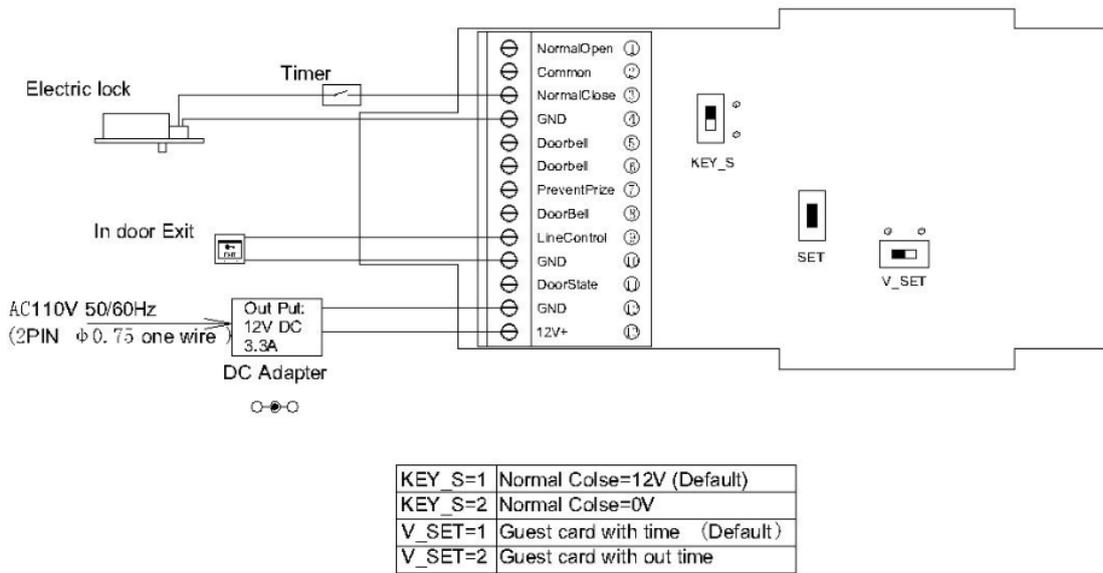
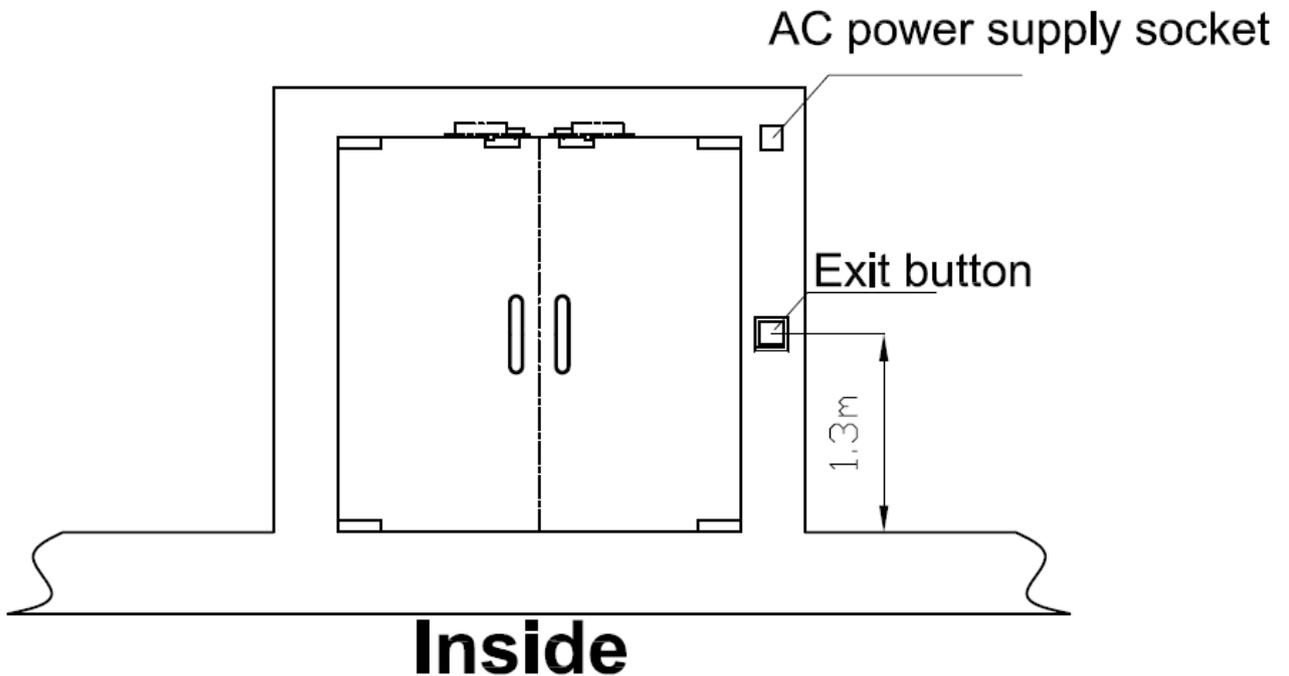
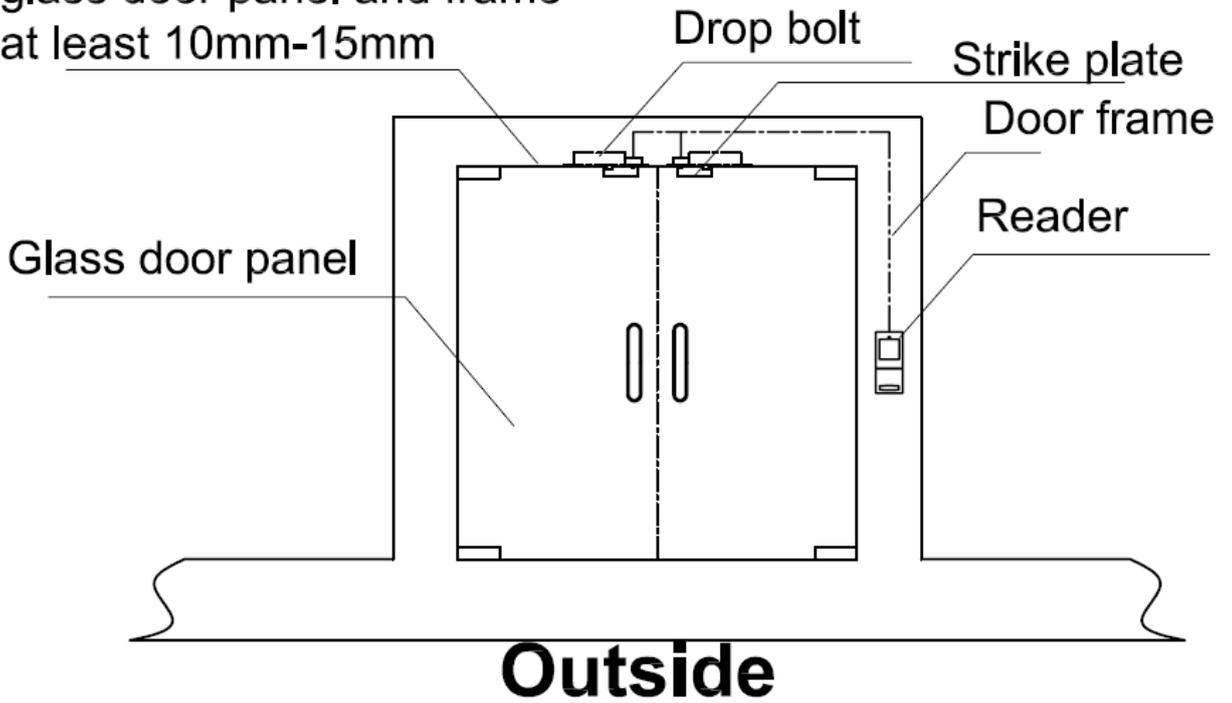
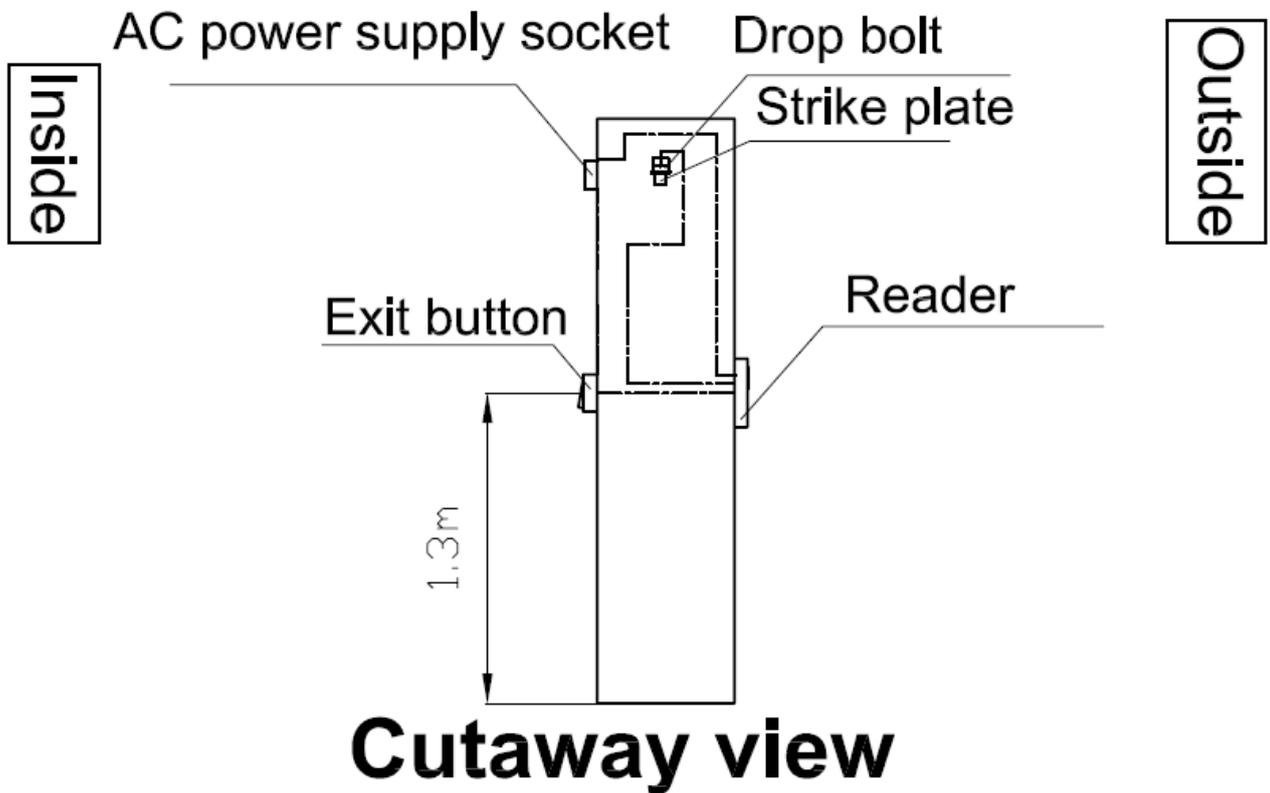


Figure 2

Note: the gap between the glass door panel and frame at least 10mm-15mm





4.1. Setting Process

- Step 1** Move KEY_S to 2 and move V_SET to 1.
- Step 2** Follow Figure 2 to connect PCB with the lift up button and the adapter.
- Step 3** Make sure the line connecting is correct.
- Step 4** Support 220V to the adapter.
- Step 5** Press the SET button to renew the PCB.

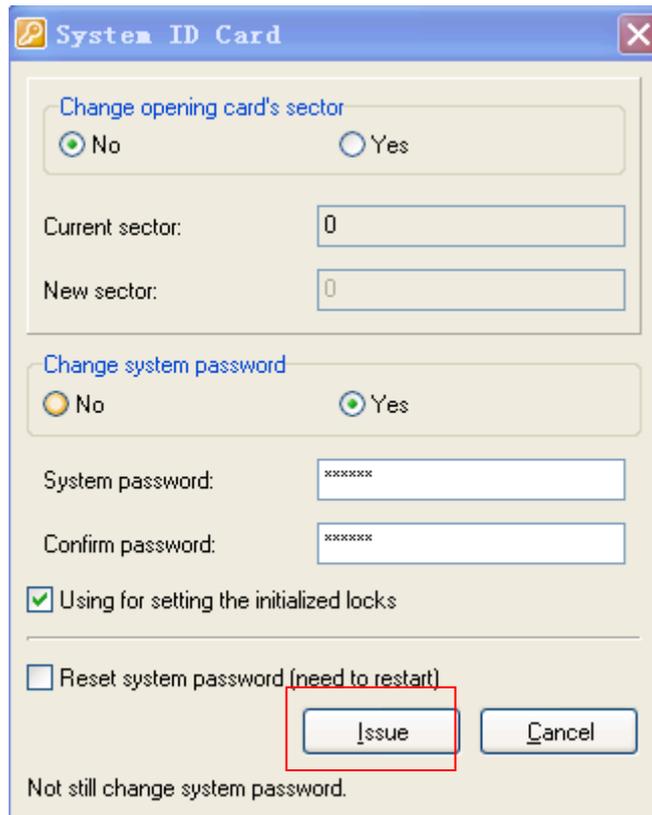
NOTE:

- Don't move KEY_S and V_SET under power state.
- Follow the introduction on the adapter to use it.
- Pay attention with the anode and cathode connecting.
- Make sure the line connecting is correct before testing or using.
- Follow the standard of company to choose the electrical line.

5. Program on Software

5.1. Program SID Card

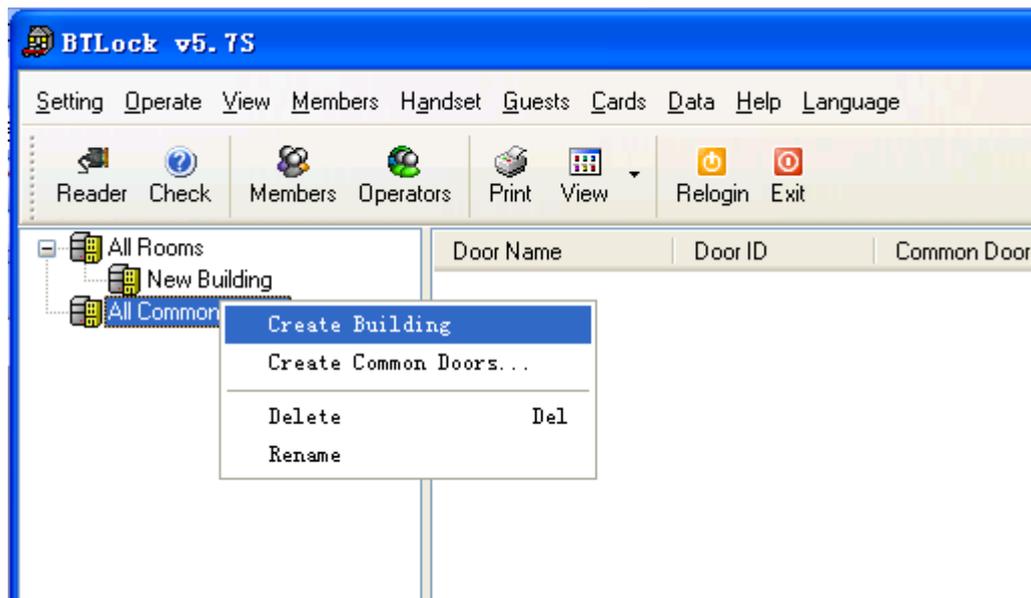
- Step 1** Turn on the V5.7.30.3 software
- Step 2** Select "cards" on the menu, and click the System ID Card to call the menu



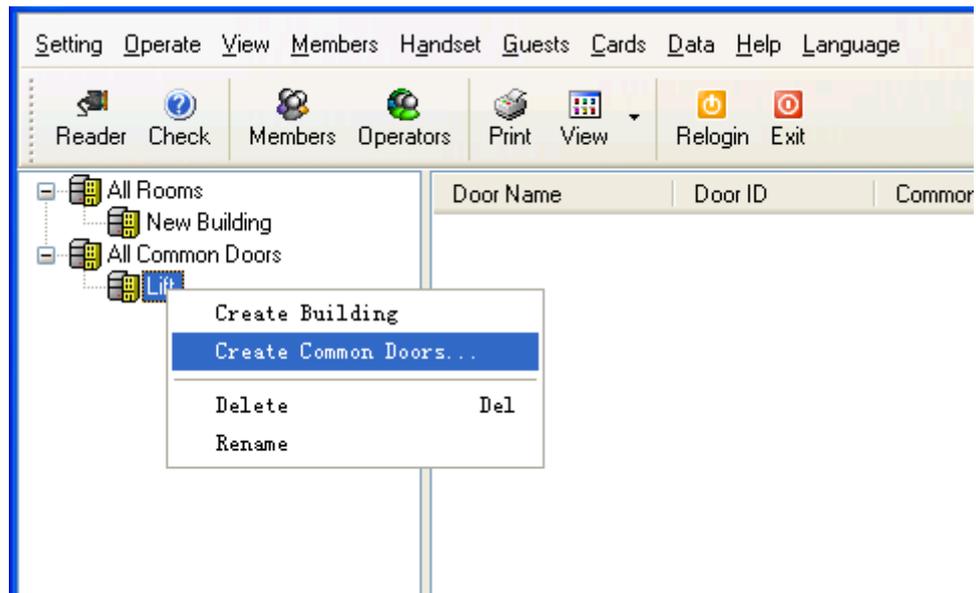
5.2. Program Lock Setting Card process:

Step 1 Turn on the V5.7 software

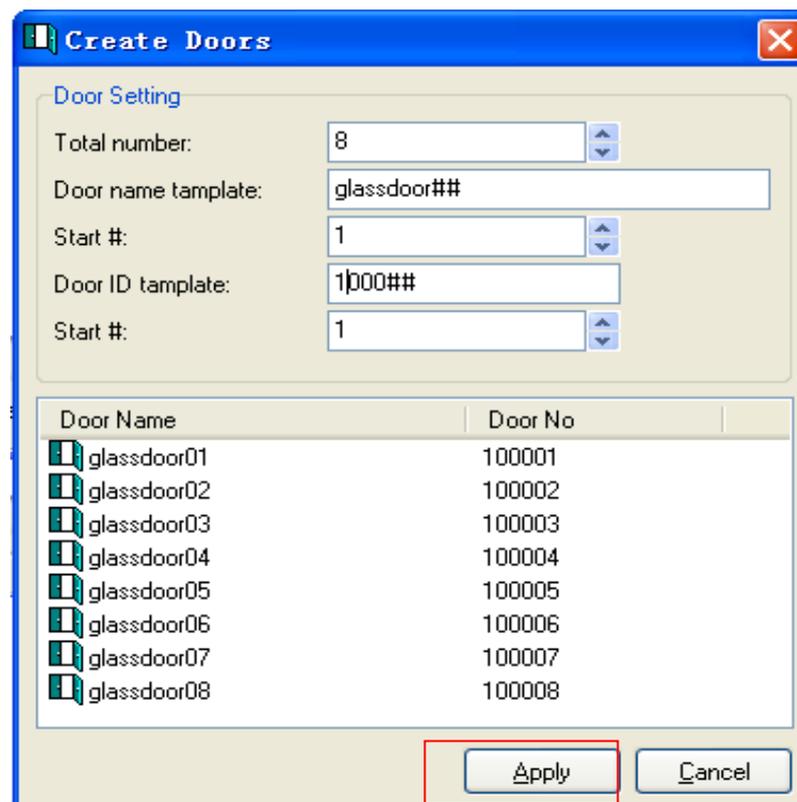
Step 2 Select “all common door”, then press right click with mouse to create building and rename to “Lift”



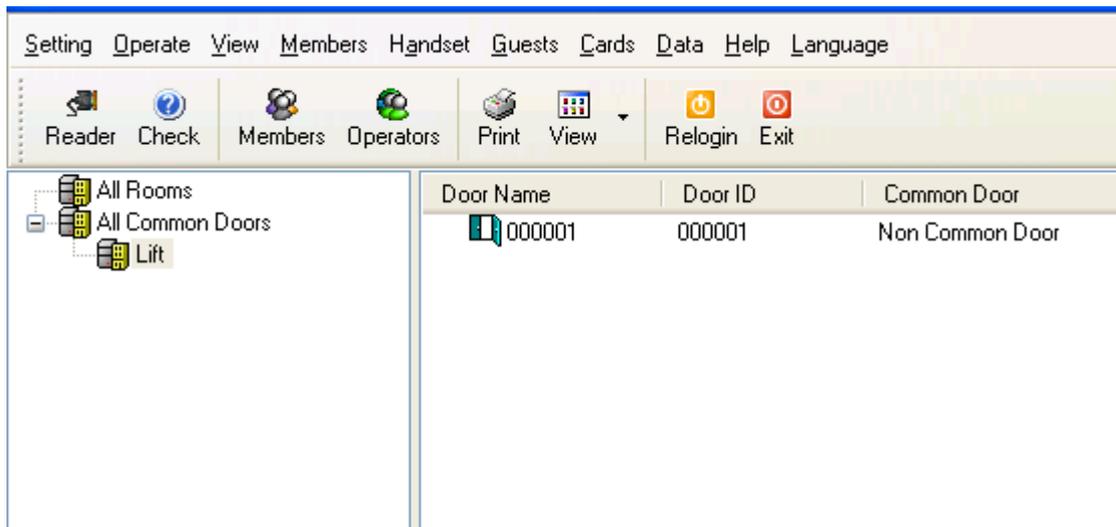
Step 3 Select “Lift”, then press right click with mouse to call “create common doors”.



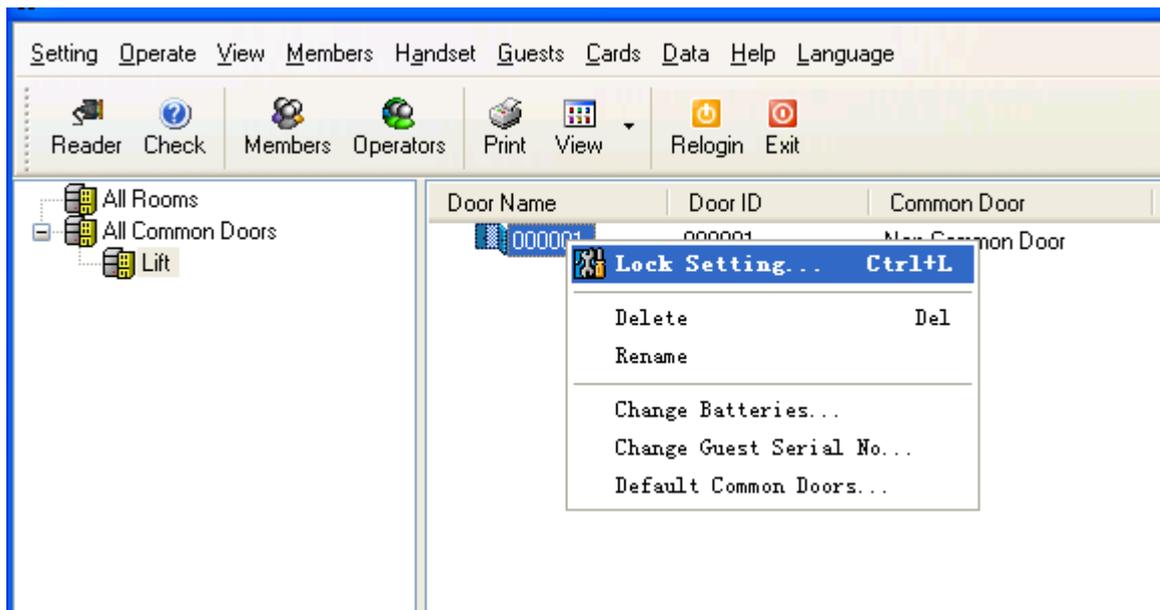
Step 4 To set some parameters of door like as name, ID and quantity.



Step 5 After apply it, it shown as the following figure.

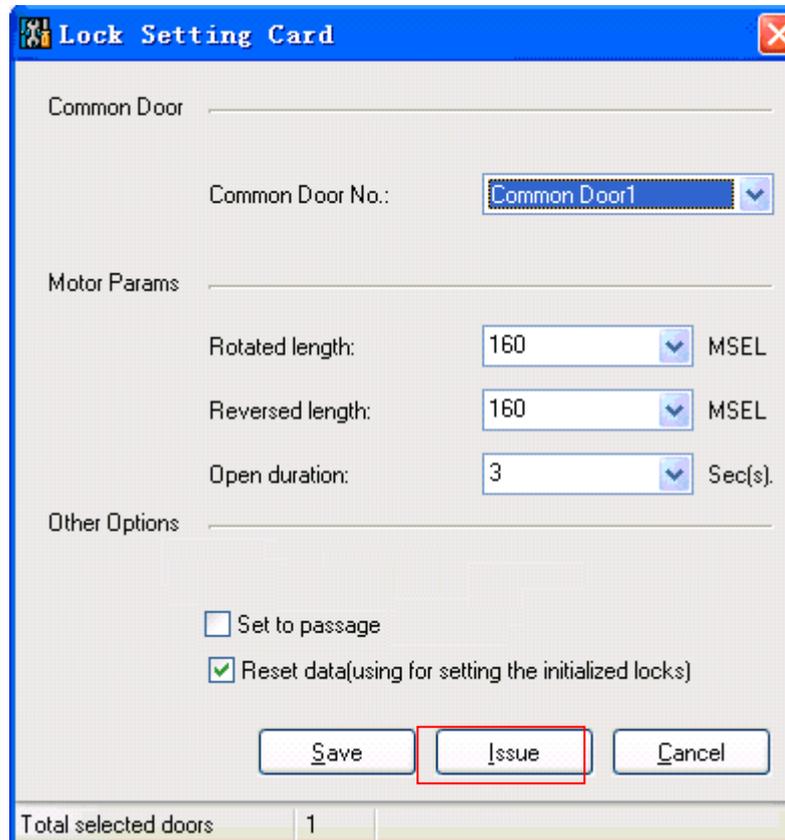


Step 6 Select the door, then press the right click with mouse to call the menu, and click the “Lock Setting” to call “Lock Setting Card” menu as next figure.



Step 7 Put a Mifare S50 card on encoder, and then press the “Issue” button. After 1 beep, this

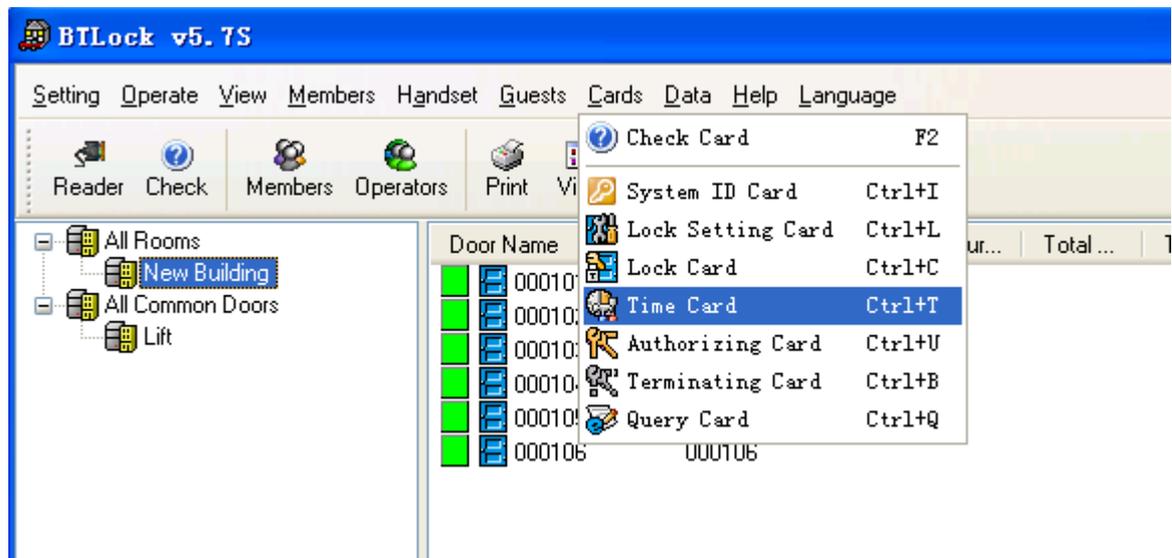
card becomes to Lock Setting Card. Touch the Lock Setting Card to the front control panel of lift, then 1 beep with green light, done.



5.3. Program Time Card

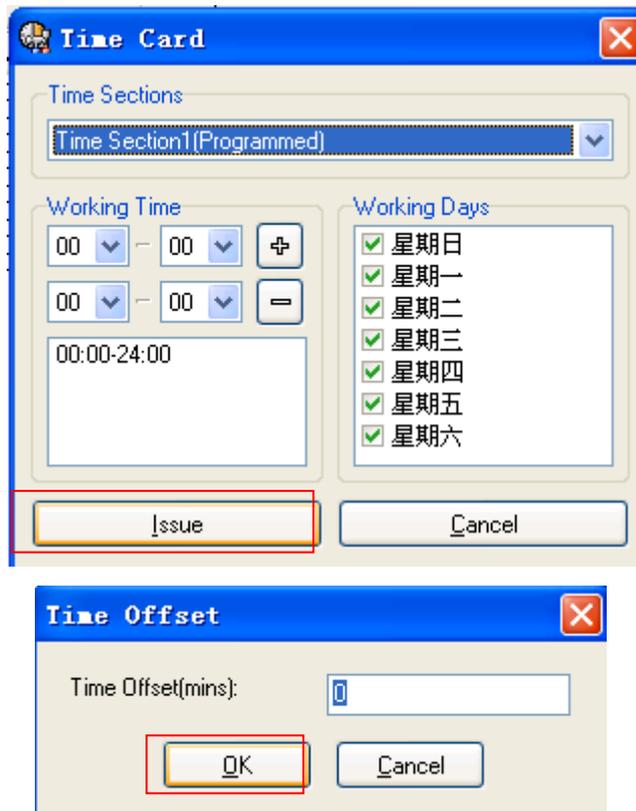
Step 1 Turn on the V5.7 software

Step 2 Select “cards” on the menu, and click the Time Card to call the menu



Step 3 Change the system password as you like. Put a Mifare S70 card on encoder, and then

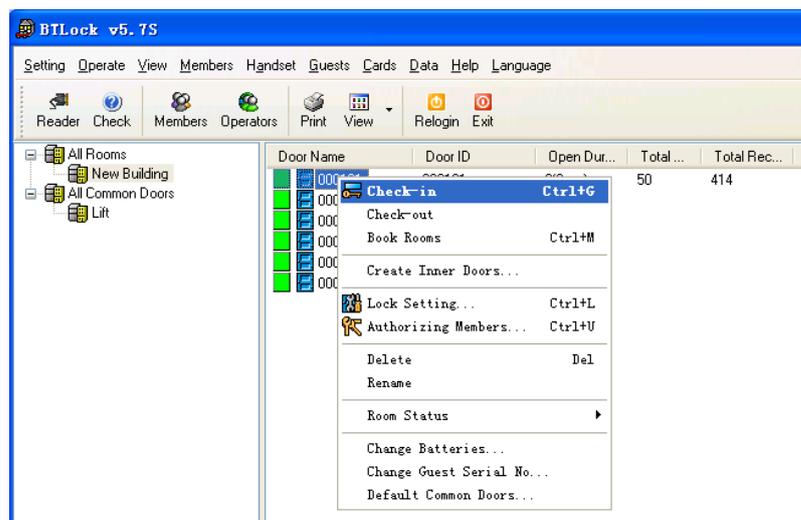
press the “Issue” button and “OK”. After 1 beep, this card becomes to Time Card. Touch the Time to the front control panel of lift, then 1 beep with green light, done.

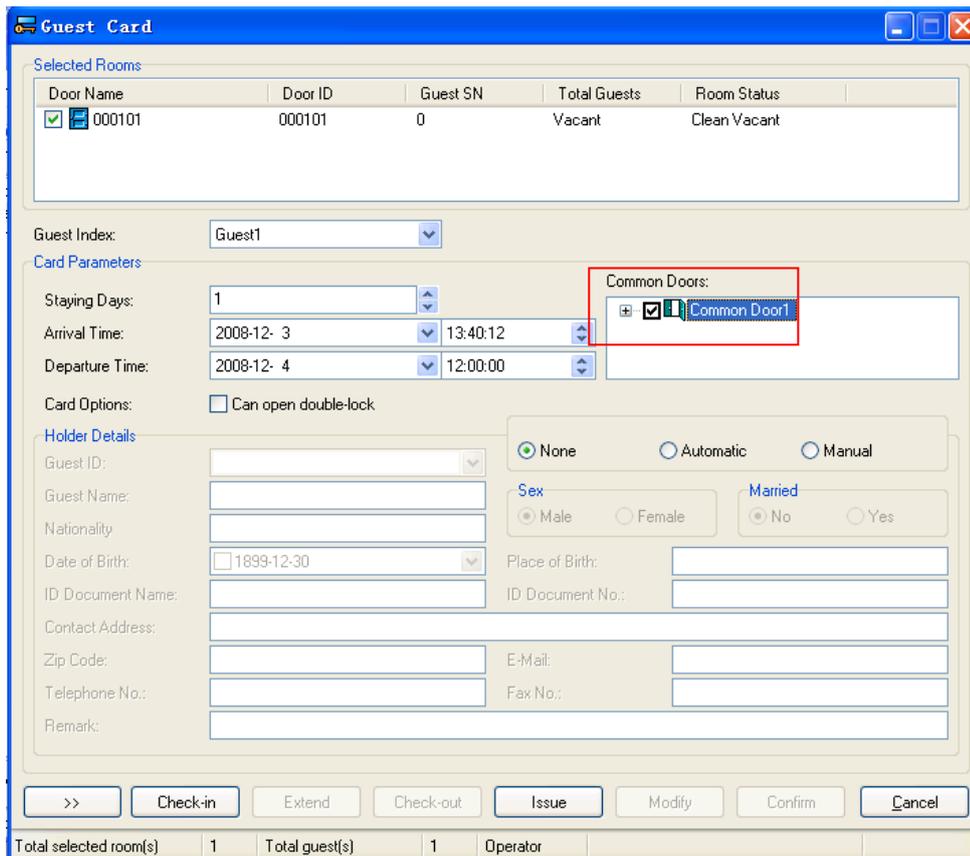


5.4. program the opening card

5.4.1. Guest Card with the right of opening lift

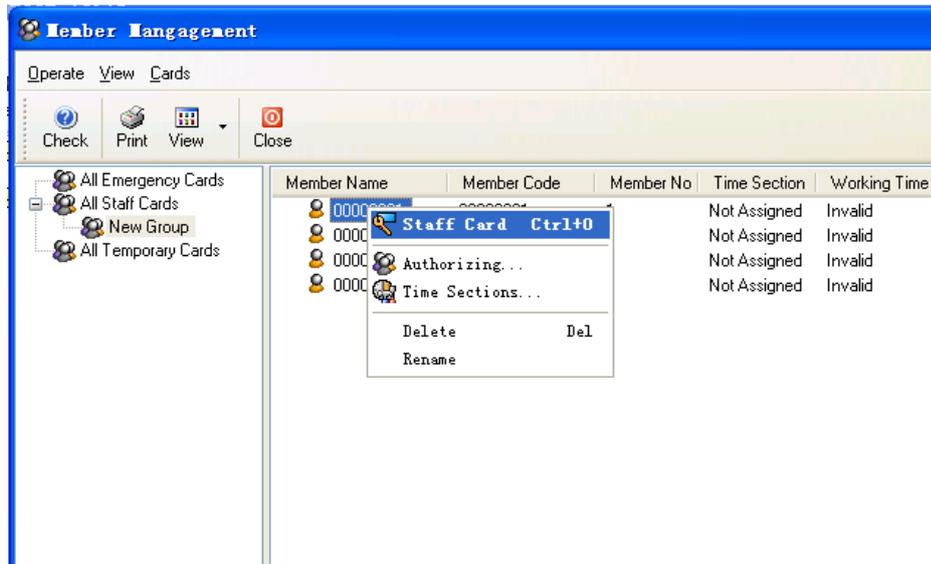
When guest card is issued, select the relevant common door.





5.4.2. Staff Card with the right of opening lift

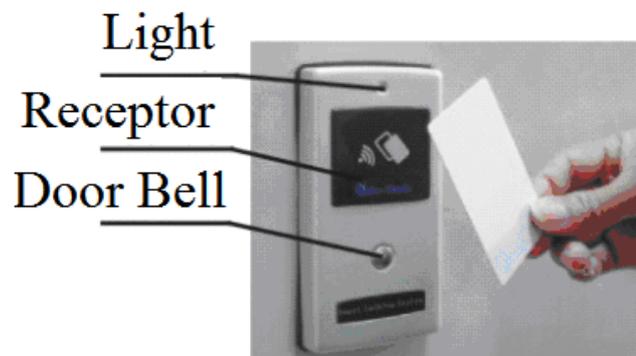
When guest card is issued, select the relevant common door.



6. Operation

- From outside

Touch the opening card to the front panel, and then it emits 1 beep with green light. The door is closed automatically after several seconds.



- From inside:



Pass the button , then it emits 1 beep with green light, and the door is opened. After several seconds pass, the door is closed automatically

7. Structure

