



MJM Access control Installation Guide



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1. Product pictures



2. Product Components

Standard Part	Quantity
Reader	1
Power cable	3
Plastic cover	1
Power supply	1
DC cable	1
Wireless button	2
Wireless receiver	1
Control board	1
Power board	1

3. Features

- 2. 1. **Exit button and Remote control are available**
- 2. 2. **Two readers for a single door**
- 2. 3. **Work with different types of lock**



Drop bolt



Drop bolt



Magnetic Lock



Strike lock

4. Electronic Feature

Two output: Dry signal and voltage can be selected according to customer.

Input voltage: AC100V--240V

Working voltage: DC12V

Working Temperature: -10°C~50°C

Working humidity: 10%~93%

Wireless control distance:through building/wall--30M

through empty space--80M

5. Wire requirement

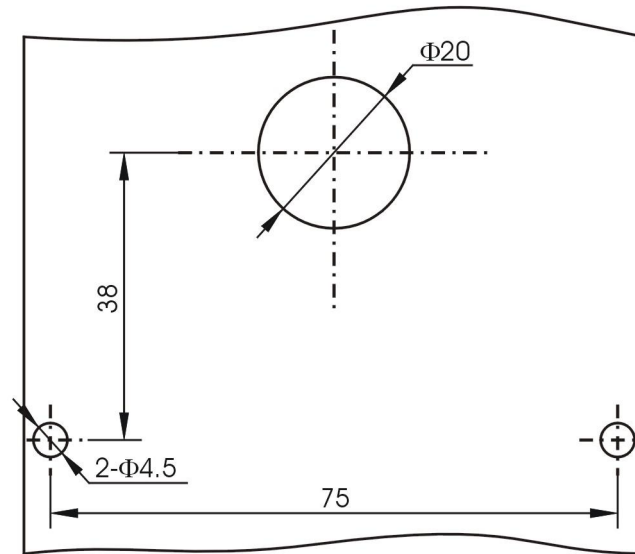
Two types of wire are required in this access control

300/500V PVC Insulated Flexible cable, 2 core 0.75mm copper wire

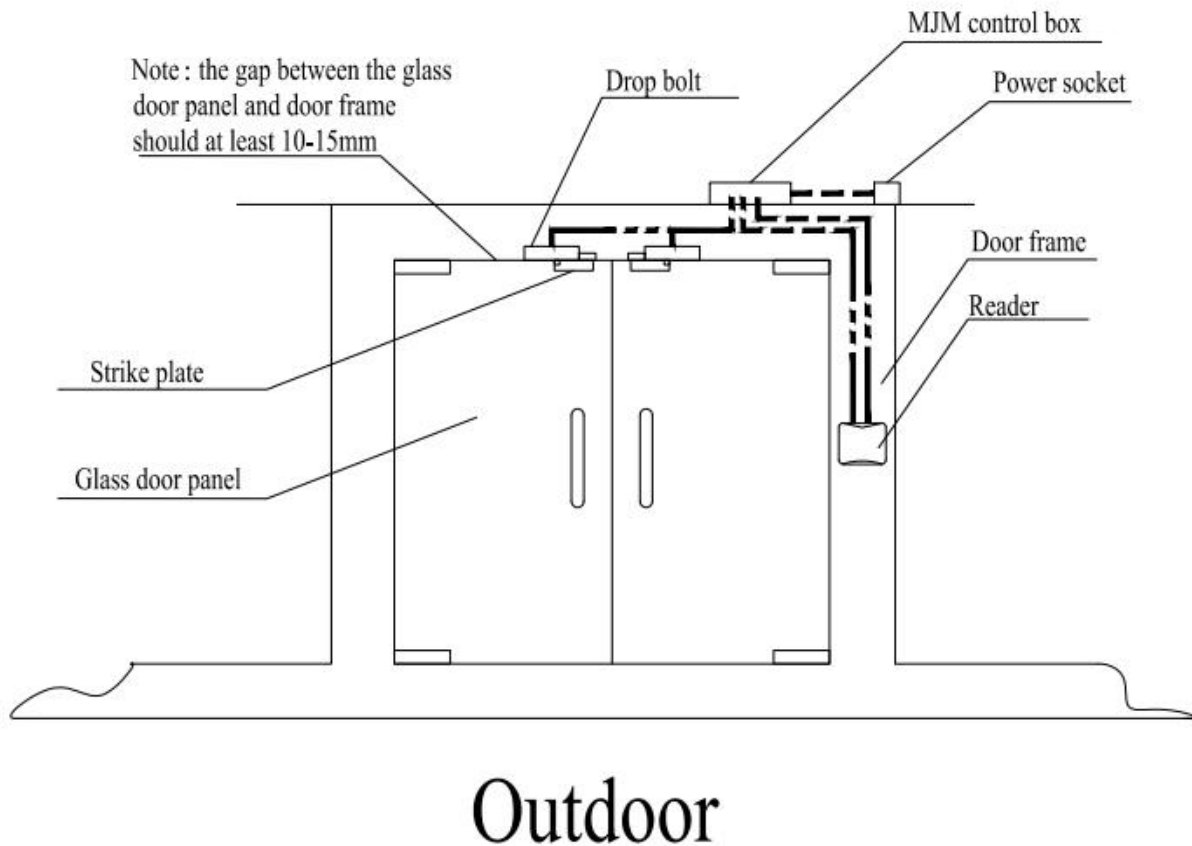
Networking cable (CAT5E/CAT6E) with RJ45 is used for connecting reader and control box.

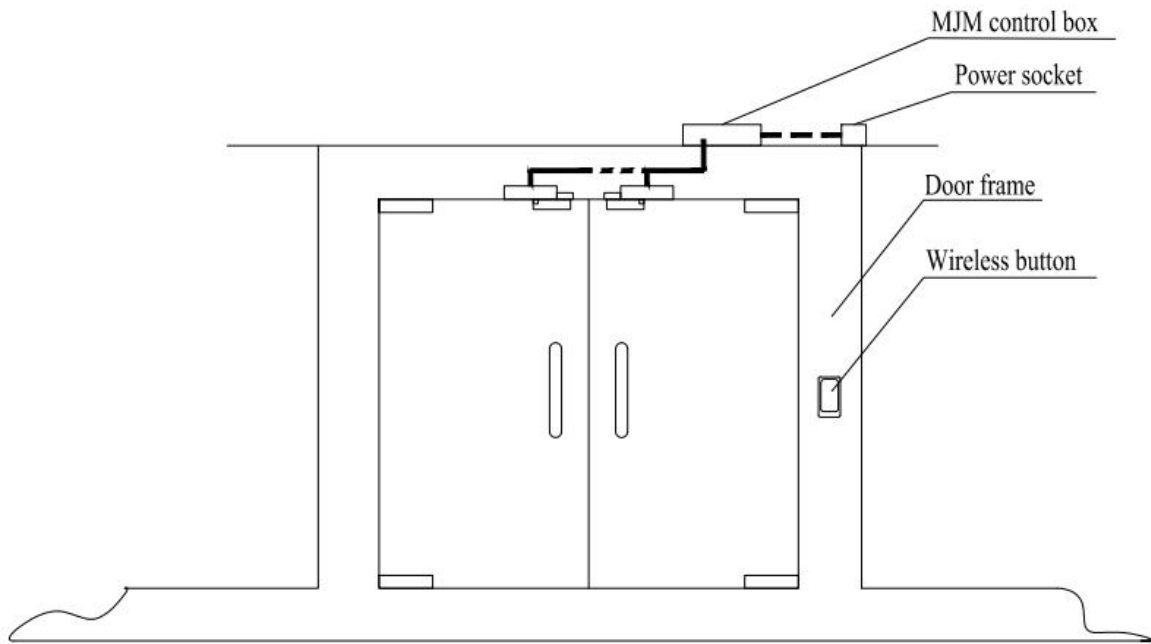
NOTE: On long power cable runs, the cable resistance causes a drop in voltage at the end of the cable run. Be sure your power supply provides 12 VDC at the end of the cable run. Every wire should be ≤15m.

6. Reader Drilling diagram

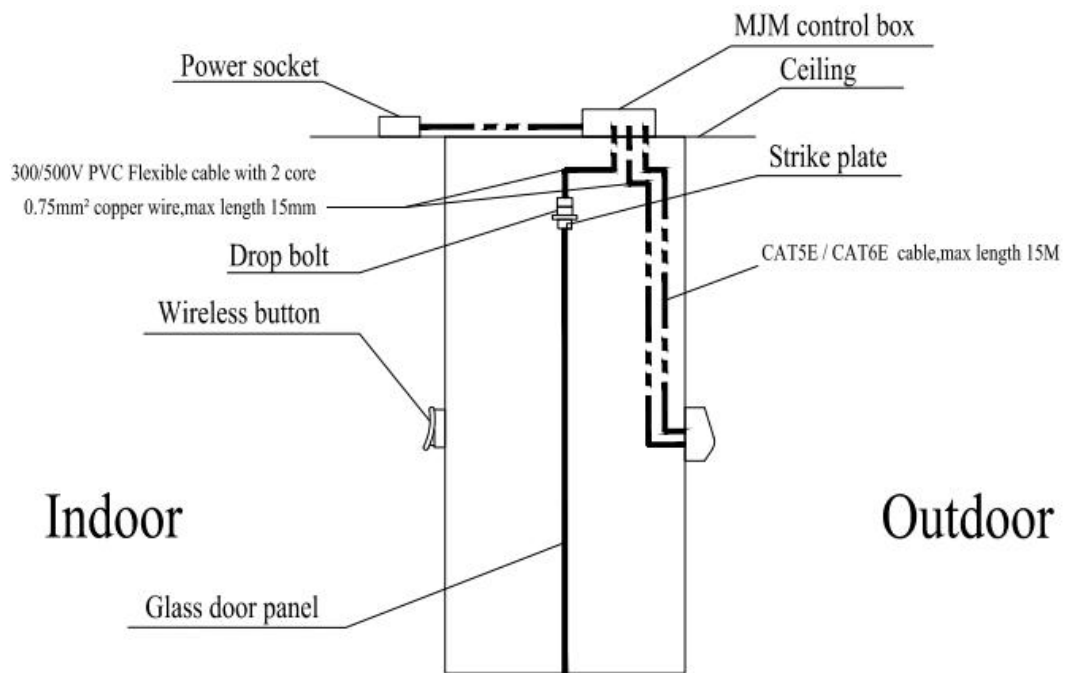


7. Wiring diagram

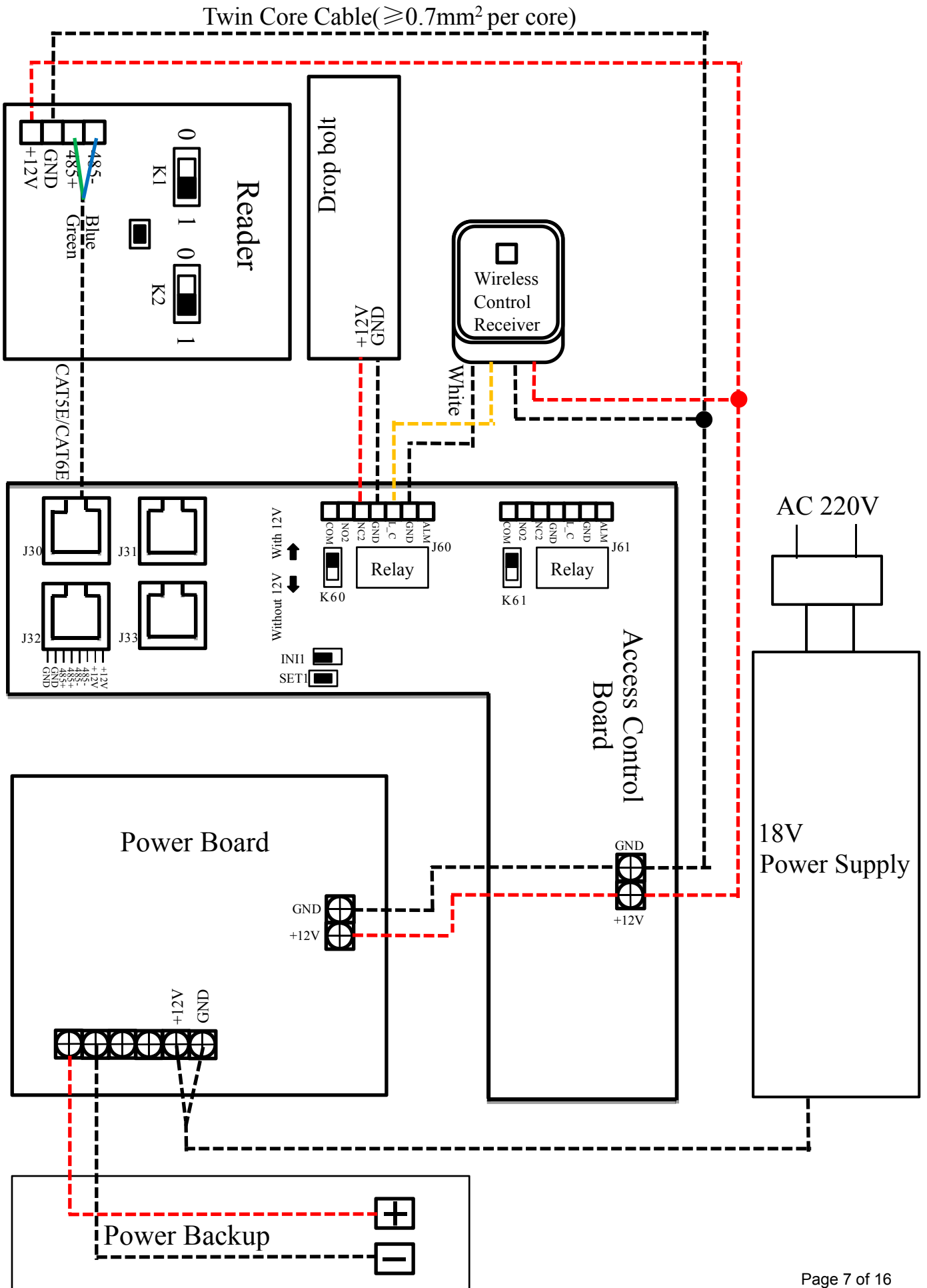




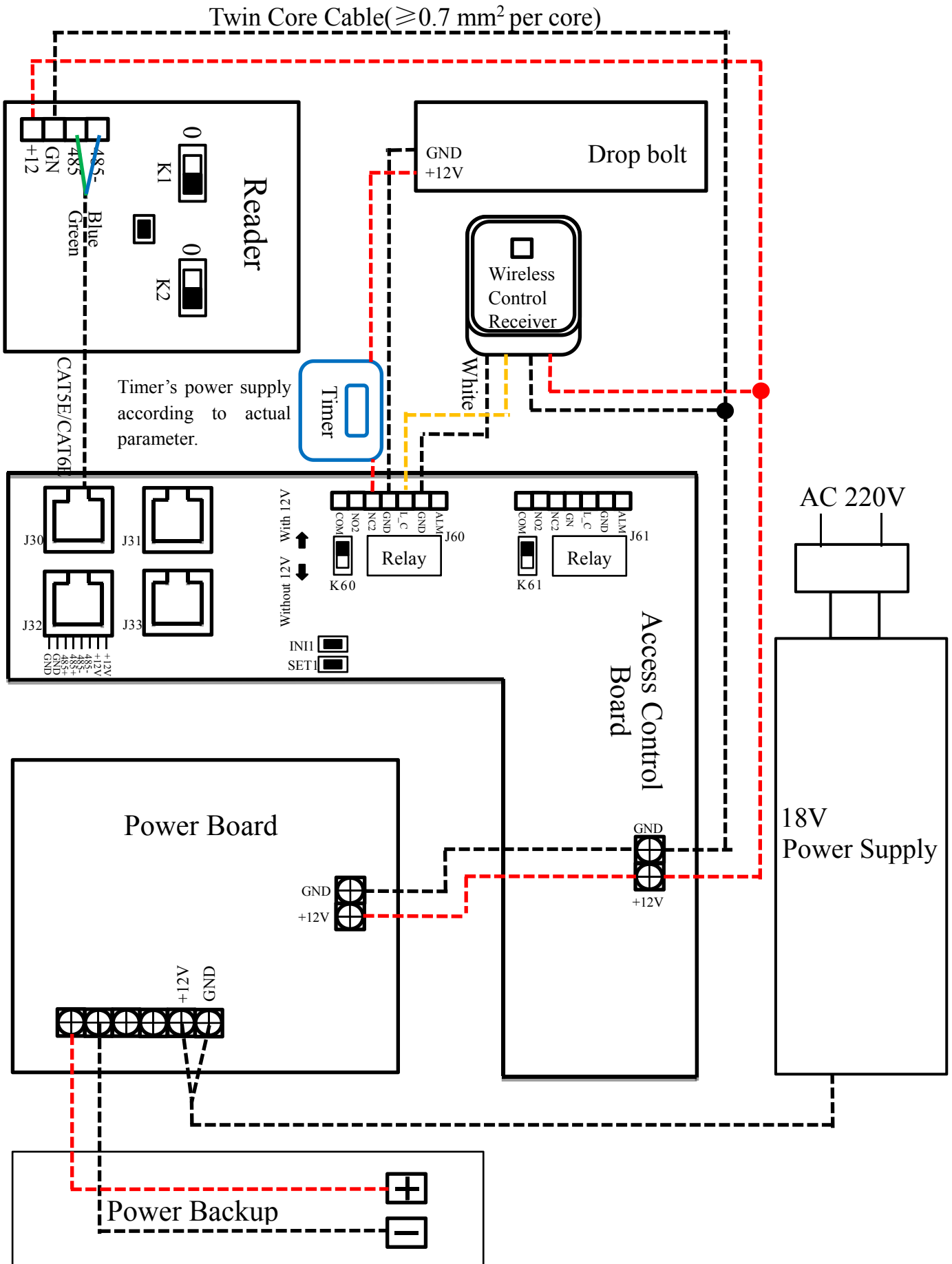
Indoor



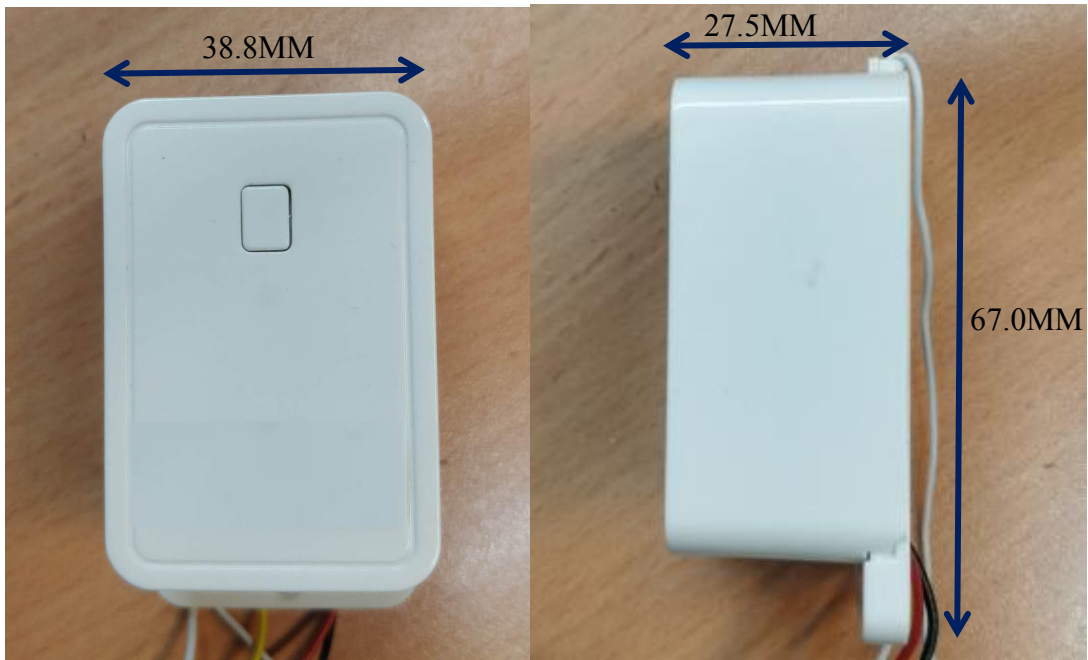
Cutaway view



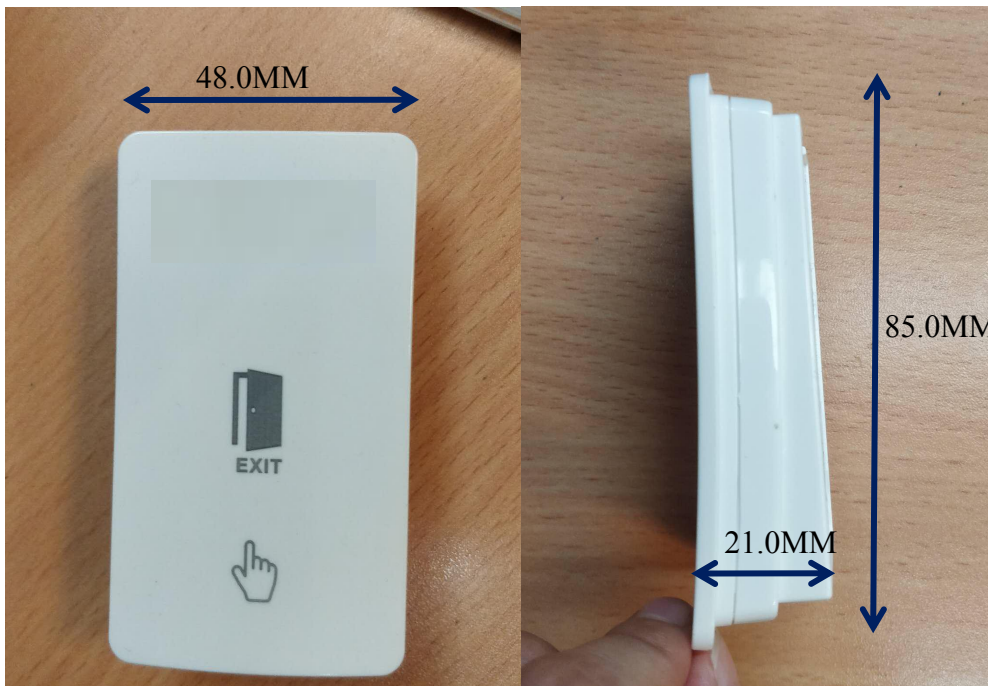
Extension: Some customers want door in open status for a certain duration, this is achievable with timer. Please find below diagram with timer included.



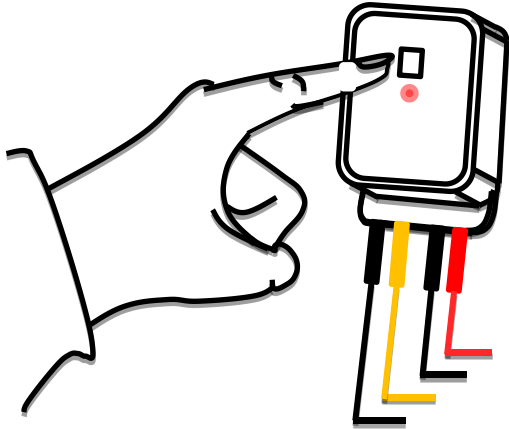
Wireless Receiver Dimension



Wireless Button Dimension

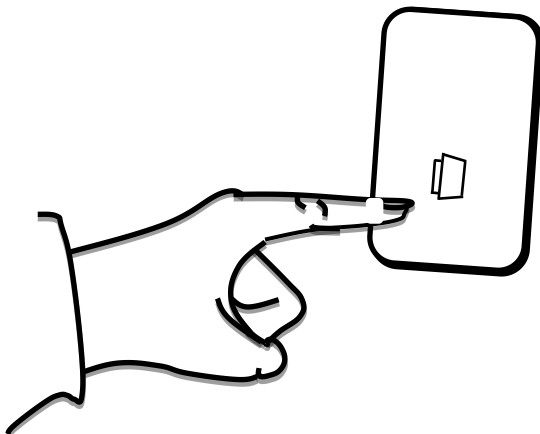


8. Setting of wireless control



Setting

1. To give power for wireless receiver, and it indicates red light.
2. Press the setting button of wireless receiver for 1 second .And red light will disappear which means it's start setting.
3. After the red light disappeared,you can press the wireless button for 3 times and note the red light flashes.
4. (red light flashes indicates it received the signal from wireless button)



Delete

1. To cancel the opening right of a wireless button.You need to press the setting button of wireless receiver for 7 seconds.
2. You will note the red light flashes which means the cancel procedure is proceeding
3. Meanwhile,you need to press the wireless button for 3 times and note the red light flashes.Succeed in cancel.

Notice:

A wireless receiver can only set 18 wireless buttons.If it's over the limit,the previous set wireless buttons will be deleted in order.(First set,first delete)

Wireless control distance:
Through building/wall--30M
through empty space--80M

9. Setup

The setup steps are same as Mifare door lock system. System ID card, time card, lock setting card are required.

Note: Hand held is not allowed to setup this device.

10. Reset PCB boards

If you want to reset this MJM device, we have to press the reset buttons both on the reader board and control board.

11. Switches on the reader

There are two switches on the reader, one is K1, and the other is K2.

K1 is for selecting which relay is under control

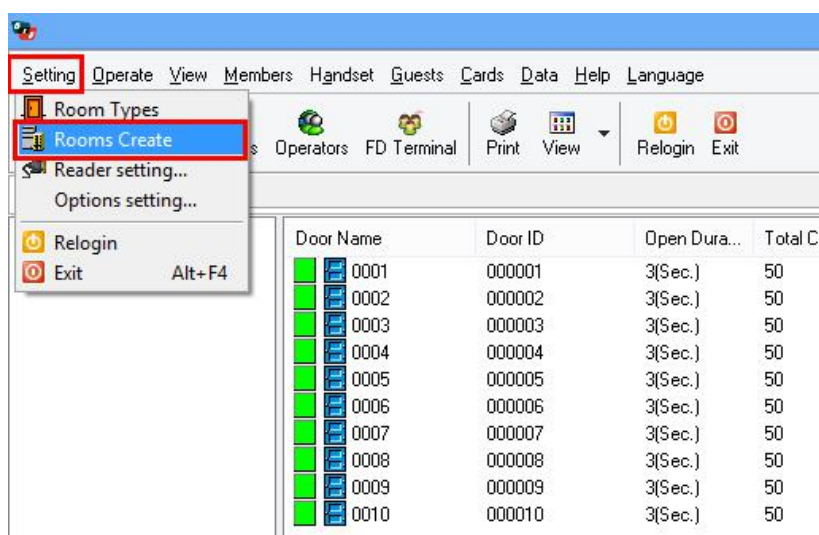
K1 in 0, relay K61 is under control; K1 in 1, relay K60 is under control

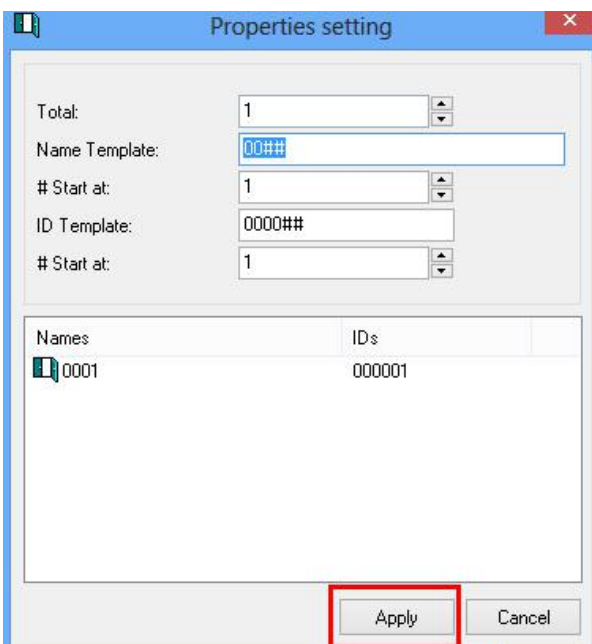
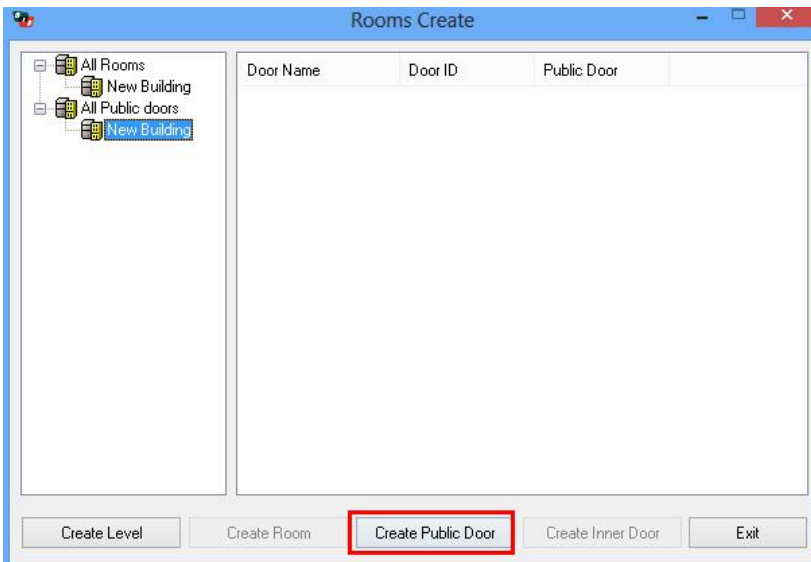
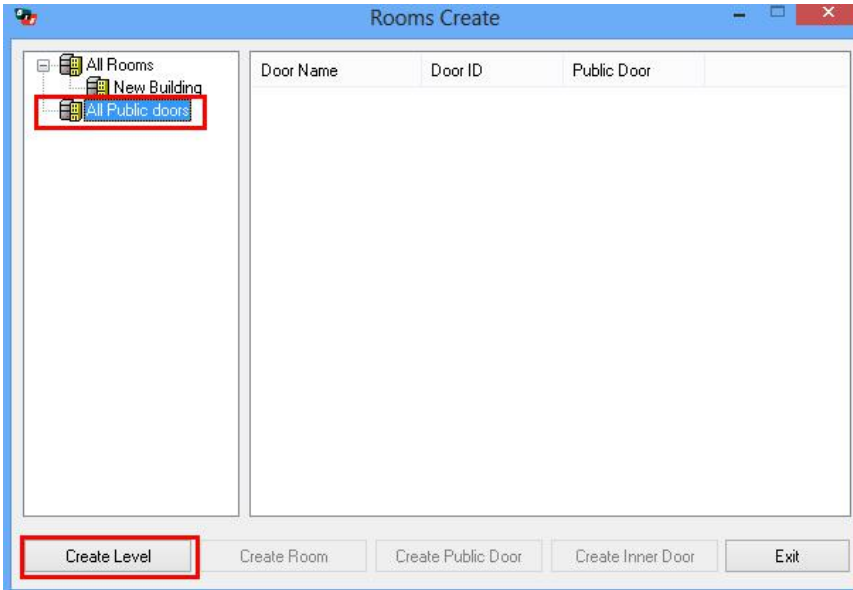
K2 is for selecting if two readers control one relay

Reader 1	Reader 2	Functions
K1=0 K2=1	K1=0 K2=1	Both reader 1 and reader 2 control relay K61
K1=1 K2=1	K1=1 K2=1	Both reader 1 and reader 2 control relay K60

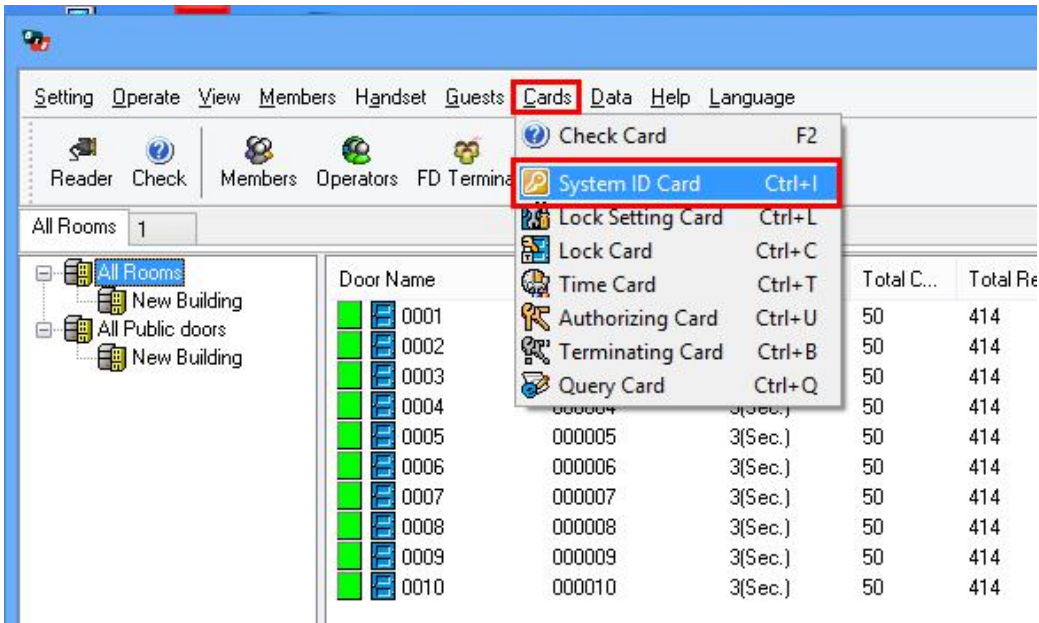
12. Operations in the software

11. 1. Create common door

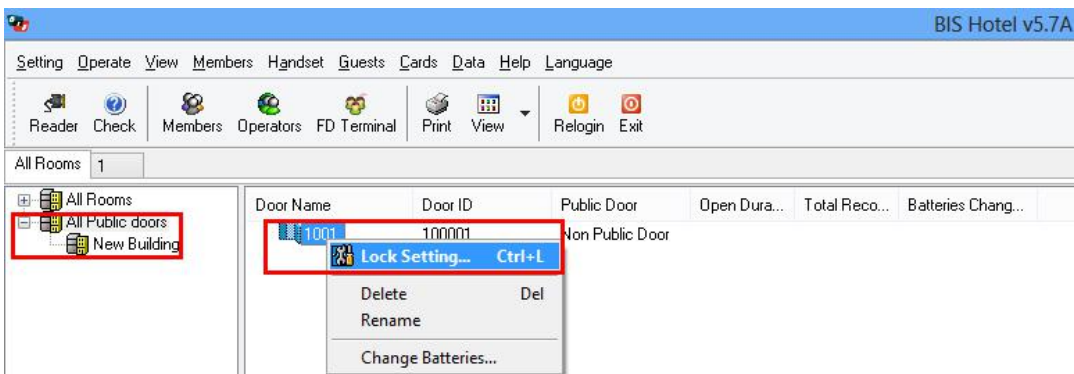




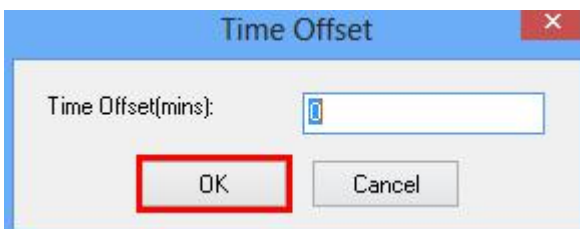
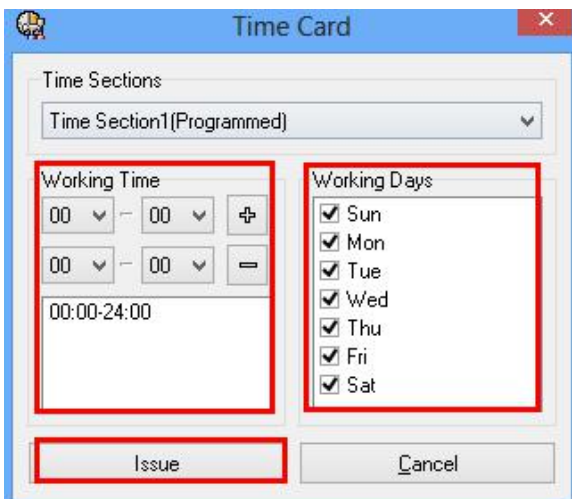
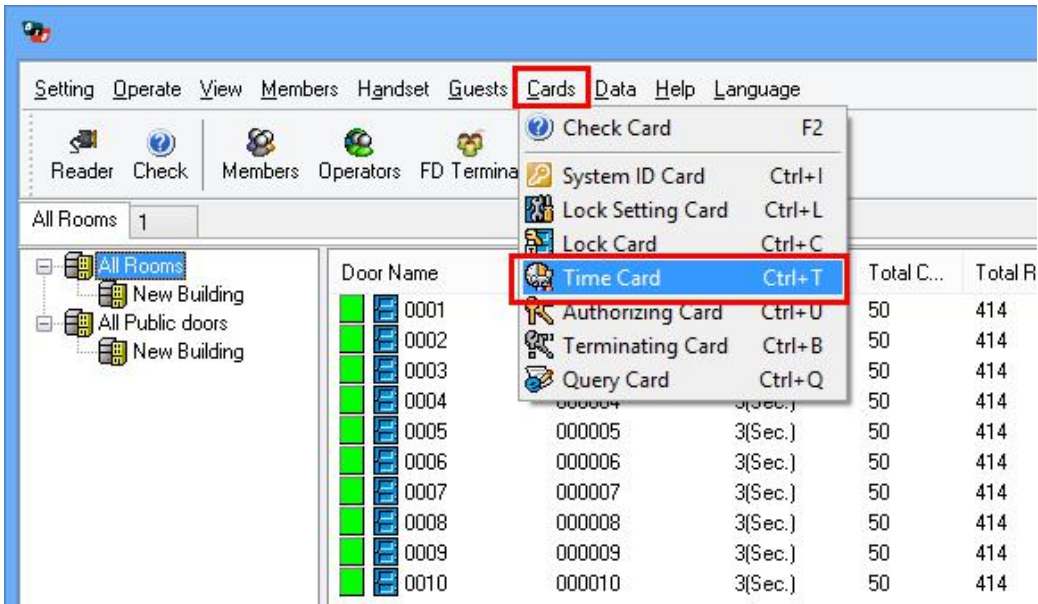
11. 2. Issue system ID card

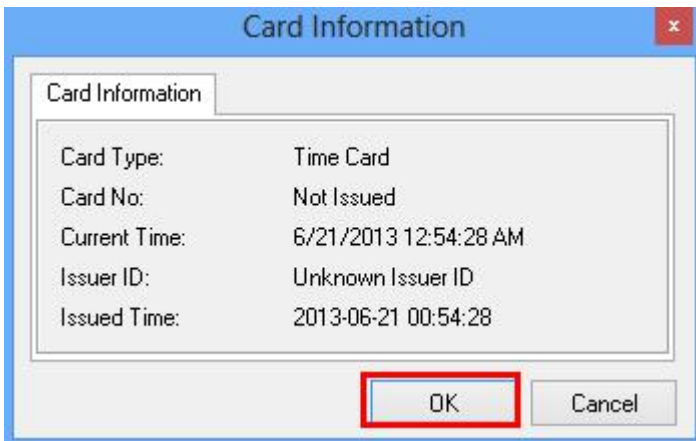


11. 3. Issue lock setting card



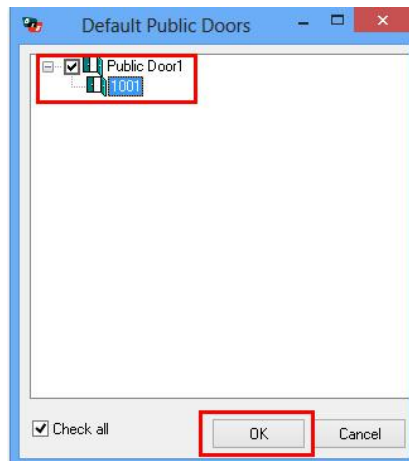
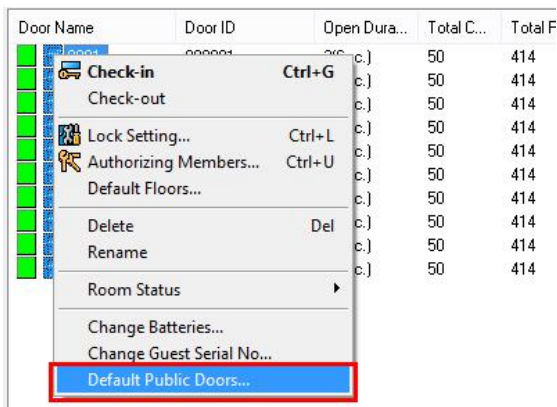
11. 4. Issue Time card





11. 5. Default the public doors for guest cards

The public door information will be written in the guest card after default public doors when the reception makes the keys.



Guest Card

Door Name	Door ID	Guest SN	Total Guests	Room Status
<input checked="" type="checkbox"/> 0001	000001	0	Vacant	Clean Vacant

Guest Index: Guest1

Card Information:

Staying Days: 1

Arrival Time: 6/20/2013 9:02:25 PM

Departure Time: 6/21/2013 12:00:00 PM

Public Doors: Public Door1

Holder Details:

Guest ID: []

Guest Name: [] Sex: [] Married: []

Nationality: []

Date of Birth: 12/30/1899 Place of Birth: []

ID Document Name: [] ID Document No.: []

Contact Address: []

Zip Code: [] E-Mail: []

Telephone No.: [] Fax No.: []

Remark: []

Buttons: Check-in, Extend, Check-out, **Issue**, Modify, Confirm

Total selected room(s): 1 Total guest(s): 1 Operator: []

11. 6. Default the public doors for staff cards

Member Management

Operate View Cards

Check Print View Close

- All Emergency Cards
- All Staff Cards**
- New Group
- All Temporary Cards

Member Name	Member Code	Member No	Time Section	Working Time	Working Days	Public Do...	Start Time	Terminating Ti...	Card No
0001	0000000001	1	Time Section1	00:00-24:00	All Days				
0002	0000000002	2	Time Section1	00:00-24:00	All Days				
0003	0000000003	3	Time Section1	00:00-24:00	All Days				
0004	0000000004	4	Time Section1	00:00-24:00	All Days				

Staff Card

Date Limit

From: 6/21/2013 12:00:00 AM

To: 6/21/2014 12:00:00 AM

Public Doors: Public Door1

Card Options:

Update card No.

Passage mode

Can open double-lock

Can enable Temporary Card

Buttons: Issue, Cancel

The public door information will be written in the staff card after default public doors when the operator makes the keys.