

## Chapter 1

### 1. User type

| User type    | quantity | Functions                         |
|--------------|----------|-----------------------------------|
| Manager card | 5        | Add, delete, configure and unlock |
| User card    | 13       | Unlock                            |

### 2. Technical parameter

|                       |                                          |
|-----------------------|------------------------------------------|
| Voltage               | DC4.5V-6.5V (1.5V alkaline batteries *4) |
| Quiescent current     | <20uA                                    |
| Operation current     | <180mA                                   |
| Card standard         | M1/NFC                                   |
| User card capacity    | 18                                       |
| Operating temperature | -10℃～60℃                                 |
| Operating humidity    | 10%RH ～90%RH                             |

### 3. Operations

| Configure                      | Operations                                                                                                                      | Notes                                                              |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Reset to factory default       | Push reset button for 2s                                                                                                        |                                                                    |
| Double mode                    | Push reset button for 2s and sound “Di-”, then keep button pushed for another 3s for double mode with sound “Di-Di-” indication | Unlock with two user cards. Manager card can unlock directly.      |
| First manager card             | Read any card                                                                                                                   | The manager card can be set directly in default state.             |
| Add user card                  | Read manager one time, then read cards to add for user card.                                                                    | You can add user cards continuously.                               |
| Add manager card               | Read manager three times, then read cards to add for manager card.                                                              | You can add manager cards continuously                             |
| Delete user card               | Read manager five times.                                                                                                        | Delete all user cards.                                             |
| Normal open when battery empty | Read manager nine times                                                                                                         | “Di-”indicatefunction disable<br>“Di-Di-” indicate function enable |

## **Chapter 2**

### **1. Reset to factory default**

Press the button for about 2 seconds, and the buzzer will sound one time. At this time, all cards are cleared and reset to factory default.

### **2. Double mode**

Press the button for about 2 seconds, and the buzzer will sound one time. Then keep button pressed for another 3 seconds for double mode with sound “Di-Di-” indication. At this time, all cards are cleared. You must to set cards again and unlock with two user cards.

### **3. Manager card**

1) The first manager card can be set directly in default state.

2) Add other manager cards: Read manager card 3 times, then read cards to add for manager card.

3) The maximum quantity of manager cards is 5. (Include the first manager card) .

4) The manager cards is used to add, delete, configure and unlock.

### **4. Add user card**

1) Read manager card one time, then read cards to add for user card.

2) The maximum quantity of user cards is 13.

### **5. Add user card**

Read manager card 5 times and wait for 5s, then sound “Di-Di-Di-Di-Di-”, and all user cards be deleted.

### **6. Normal open when battery low**

Read manager card 9 times, “Di-” indicate this function is disabled and “Di-Di-” indicate function is enabled. (Default is enable)

### **7. Low battery indication**

1. After the battery is low, the buzzer will sound “Di-Di-Di-Di-”, “Di-Di-Di-Di-” when unlocking. Please replace battery as soon as possible.

2. When Low battery normal open function is enabled, the door lock will not lock after unlocking with low battery. You must replace battery to use this lock again.

**FCC Warning:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.