Note

1. New lock is configured to grant ANY fingerprint access to unlock.

2. The lock is equipped with mechanical keys for manual unlocking. Remove mechanical keys from the package and keep them in a safe place.

3. To power on the lock, four alkaline AA batteries (not included) are required. Non-alkaline and rechargeable batteries ARE NOT RECOMMENDED.

4. Please avoid strong light direct to the fingerprint holder, otherwise the infrared sensor might be disturbed.

5. The operation of setting lock has a stand-by time limit of 10 seconds; Without any activity, lock will shut off after 10 seconds.

6. Keep your fingers clean when using this lock.
Appearance

1. Infrared sensor hole
2. LED
3. Fingerprint Sensor
4. Handle
5. Mechanical key hole
6. Battery box cover
7. Battery Area
8. Button ③ / Temporary User
9. Button ① / Admin user
10. Back LED
11. Button ① / Delete user
12. Button ② / Add user
13. Reset Button
14. Button ② / Normal User
15. 9V Emergency battery interface
## Profile

### User Introduction

<table>
<thead>
<tr>
<th>User Type</th>
<th>Capacity</th>
<th>Privilege</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin user</td>
<td>10</td>
<td>Add/delete fingerprint; Enable Normal Open;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unlock the door</td>
</tr>
<tr>
<td>Normal user</td>
<td>60</td>
<td>Unlock the door; Enable Normal Open</td>
</tr>
<tr>
<td>Temporary user</td>
<td>20</td>
<td>Unlock the door; Enable Normal Open</td>
</tr>
</tbody>
</table>

### Button Definition

<table>
<thead>
<tr>
<th>Buttons</th>
<th>Function</th>
<th>Other functions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Add Users</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Delete Users</td>
<td></td>
</tr>
<tr>
<td>①</td>
<td>Admin User Group</td>
<td>Enable Normal Open</td>
</tr>
<tr>
<td>②</td>
<td>Normal User Group</td>
<td></td>
</tr>
<tr>
<td>③</td>
<td>Temporary User Group</td>
<td></td>
</tr>
<tr>
<td>Lock Status</td>
<td>Indication</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Operation success</td>
<td>1 Beep and LED blinks green</td>
<td></td>
</tr>
<tr>
<td>Operation failure</td>
<td>2 Beep and LED blinks red</td>
<td></td>
</tr>
<tr>
<td>Low battery</td>
<td>7 Beep and LED blinks red 7 times</td>
<td></td>
</tr>
<tr>
<td>Unlocking</td>
<td>1 Beep and electric engine makes a rolling sound for the first time, which indicates that the door is open.</td>
<td></td>
</tr>
<tr>
<td>Locking</td>
<td>Electric engine makes a rolling sound for the second time, which indicates that the door is closed.</td>
<td></td>
</tr>
</tbody>
</table>
**Initialize Lock**

### Method 1

<table>
<thead>
<tr>
<th>Operating Steps</th>
<th>Indication of the lock</th>
<th>Operating Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press the “Reset” button with a pin.</td>
<td>Fingerprint sensor is power on LED blinks green</td>
<td>Delete all Temporary Users.</td>
</tr>
<tr>
<td>Touch the infrared sensor hole to power on the lock</td>
<td></td>
<td>Delete all Normal Users</td>
</tr>
<tr>
<td>Loosen the pin.</td>
<td>One beep for each pressing, back LED blinks green</td>
<td>Delete all Admin Users.</td>
</tr>
<tr>
<td>Press the button of &quot;+&quot;, &quot;1&quot;, &quot;2&quot;, &quot;3&quot;, &quot;, -&quot;&quot;, in order</td>
<td></td>
<td>Reset successfully</td>
</tr>
<tr>
<td>Initialization succeed</td>
<td>A long beep, LED blinks green for 1 second</td>
<td>Please see “Delete Temporary Users” .</td>
</tr>
</tbody>
</table>

### Method 2

<table>
<thead>
<tr>
<th>Operating Steps</th>
<th>Indication of the lock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Please see “Delete Normal Users” .</td>
<td></td>
</tr>
<tr>
<td>Please see “Delete Admin Users” .</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** The lock will be restored to factory defaults after initialization, and the door can be opened with any fingerprint.
How to use mechanical key?

Hexagon Screw

How to use 9V emergency battery?
Register First Admin Operation Guide

**Operating Steps**

1. Touch the infrared sensor hole to power on the lock
2. Press button "+"
3. Place one finger 3 times on the fingerprint sensor
4. Registration succeed
5. Register NEW users

**Indication of the lock**

- Fingerprint sensor is power on, LED blinks green
- One beep
- One Beep for the first two fingerprints; A long beep and LED blinks green 1 second for the third fingerprint.

**Note:**
1. The first user will be the first Admin automatically at default.
2. Admin group supports 10 users; you can still register 9 new Admins in next step.
3. The operating steps of registering new users: Press button 1/2/3 to select user group, then place one new finger 3 times on the fingerprint sensor to continue registering new user.
Register Other Admin Operation Guide

**Operating Steps**

1. Touch the infrared sensor hole to power on the lock.

2. Press button "+".

3. Place any admin finger 1 time to verify Admin.

4. Press button "1" to select Admin group.

5. Place one finger 3 times on the fingerprint sensor.

6. Registration Succeed

**Indication of the lock**

1. Fingerprint sensor is power on, LED blinks green.

2. One beep

3. One beep

4. One beep

5. One Beep for the first two fingerprints; A long beep and LED blinks green 1 second for the third fingerprint.

**Register NEW users**

**Note:**
1. Admin group supports 10 users; you can still register 9 new Admin in this step.
2. The operating steps of Registering new users: Press button 1/2/3 to select user group, then place one new finger 3 times on the fingerprint sensor to continue registering new user.
Register Normal User

**Operating Steps**

1. Touch the infrared sensor hole to power on the lock
2. Press button "+"
3. Place one finger 3 times on the fingerprint sensor
4. Registration Succeed
5. Register NEW users

**Indication of the lock**

1. Fingerprint sensor is power on, LED blinks green
2. One beep
3. One beep
4. One beep
5. One Beep for the first two fingerprints; A long beep and LED blinks green 1 second for the third fingerprint.

**Note:**

1. Normal User group supports 60 users.
2. The operating steps of Registering new users: Press button 1/2/3 to select user group, then place one new finger 3 times on the fingerprint sensor to continue registering new user.
Register Temporary User

**Operating Steps**

1. Touch the infrared sensor hole to power on the lock
2. Press button "+"
3. Place any admin finger 1 time to verify Admin
4. Press button "3" to select Temporary user group
5. Place one finger 3 times on the fingerprint sensor
6. Registration Succeed
7. Register NEW users

**Indication of the lock**

1. Fingerprint sensor is power on, LED blinks green
2. One beep
3. One beep
4. One Beep for the first two fingerprints; A long beep and LED blinks green 1 second for the third fingerprint.

**Note:**
1. Temporary User group supports 20 users.
2. The operating steps of Registering new users: Press button 1/2/3 to select user group, then place one new finger 3 times on the fingerprint sensor to continue registering new user.
Delete Temporary User Group

Operating Steps

1. Touch the infrared sensor hole to power on the lock
2. Press button "-"
3. Place any admin finger 1 time to verify Admin
4. Long-press button "3" to delete Temporary user group

Indication of the lock

1. Fingerprint sensor is power on, LED blinks green
2. One beep
3. One beep
4. A long beep, LED blinks green for 1 second

Note: All delete operation is only valid for group.
Delete Normal User Group

Operating Steps

1. Touch the infrared sensor hole to power on the lock
2. Press button "-"
3. Place any admin finger 1 time to verify Admin
4. Long-press button "2" to delete Normal user group

Indication of the lock

1. Fingerprint sensor is power on, LED blinks green
2. One beep
3. One beep
4. A long beep, LED blinks green for 1 second

Note: All delete operation is only valid for group.
Delete Admin Group

**Operating Steps**

1. Touch the infrared sensor hole to power on the lock
2. Press button "-"
3. Place any admin finger 1 time to verify Admin
4. Long-press button "1" to delete Admin group

**Indication of the lock**

1. Fingerprint sensor is power on, LED blinks green
2. One beep
3. One beep
4. A long beep, LED blinks green for 1 second

**Note:** All delete operation is only valid for group.
Enable And Disable Normal Open

Enable Normal Open:

- **Operating Steps**
  - Place any registered finger once to do verification
  - Long-press "1" button 3 seconds

- **Indication of the lock**
  - Fingerprint sensor is power on, LED blinks green
  - A long beep, LED blinks green for 1 second

Disable Normal Open:

Place any registered finger 1 time to disable.