Remarks

1. New lock is configured to grant any fingerprint access.
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 up the lock, four alkaline AA batteries (not included) are required. Non-alkaline and rechargeable batteries are NOT recommended.
4. Press the fingerprint sensor or the sensor holder to power up the lock. To avoid unlocking the door when pressing the fingerprint sensor, pressing the sensor holder to power up the lock is recommended.
5. The operation of lock setting has a stand-by time limit of 10 seconds; if there is no any activity, the lock will shut off after 10 seconds.
6. Keep your fingers clean when using this lock.
Appearance

1. LED
2. Fingerprint Sensor
3. Sensor Holder
4. Handle
5. Mechanical Key Hole
6. Battery Box Cover
7. Battery Area
8. Button ✳️ / Temporary User
9. Button ☐️ / Admin user
10. Back LED
11. Button ✳️ / Delete user
12. Button ✦ / Add user
13. Reset Button
14. Button ☺️ / 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>Administrator</td>
<td>10</td>
<td>Add/delete fingerprint; Enable Normally Open (NO) mode; Unlock the door</td>
</tr>
<tr>
<td>Normal User</td>
<td>60</td>
<td>Unlock the door; Enable NO mode</td>
</tr>
<tr>
<td>Temporary User</td>
<td>20</td>
<td>Unlock the door; Enable NO mode</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>☀️</td>
<td>Administrator User Group</td>
<td>Enable NO mode</td>
</tr>
<tr>
<td>☀️</td>
<td>Normal User Group</td>
<td>Enable NO mode</td>
</tr>
<tr>
<td>☀️</td>
<td>Temporary User Group</td>
<td>Enable NO mode</td>
</tr>
</tbody>
</table>
### Lock Status Indication

<table>
<thead>
<tr>
<th>Lock Status</th>
<th>Indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Successful Operation</td>
<td>1 beep and LED blinks in green</td>
</tr>
<tr>
<td>Failed Operation</td>
<td>2 beeps and LED blinks in red</td>
</tr>
<tr>
<td>Low battery</td>
<td>7 beeps and LED blinks in red for 7 times</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>
</tr>
<tr>
<td>Locking</td>
<td>Electric engine makes a rolling sound for the second time, which indicates that the door is closed.</td>
</tr>
</tbody>
</table>
Lock Initialization

Method 1

<table>
<thead>
<tr>
<th>Operating Steps</th>
<th>Indication of the lock</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press the &quot;Reset&quot; button with a pin</td>
<td>Fingerprint sensor is powered up, LED blinks in green</td>
</tr>
<tr>
<td>Press the sensor holder to power up the lock</td>
<td></td>
</tr>
<tr>
<td>Loosen the pin</td>
<td>One beep for each press, the back LED blinks in green</td>
</tr>
<tr>
<td>Press the button of &quot;+&quot;, &quot;1&quot;, &quot;2&quot;, &quot;3&quot;, &quot;-&quot; in order</td>
<td></td>
</tr>
<tr>
<td>Initialization succeeds</td>
<td>A long beep, LED blinks in green for 1 second</td>
</tr>
</tbody>
</table>

Method 2

<table>
<thead>
<tr>
<th>Operating Steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete all temporary users</td>
</tr>
<tr>
<td>Delete all normal users</td>
</tr>
<tr>
<td>Delete all administrators</td>
</tr>
<tr>
<td>Reset successfully</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?
Registering First Administrator

Operating Steps

1. Press the sensor holder to power up the lock
2. Press button "+
3. Place one finger 3 times on the fingerprint sensor
4. Registration succeeds
5. Register new users

Indication of the lock

1. Fingerprint sensor is powered up, LED blinks in green
2. One beep
3. One beep for the first two fingerprints; a long beep and LED blinking in green for 1 second for the third fingerprint

Note: 1. The first user will be the first administrator automatically in default setting.
2. Admin group supports 10 users; you can still register 9 new administrators in the next step.
3. The operating steps of registering new users: press button 1/2/3 to select user group, and then place one new finger 3 times on the fingerprint sensor for registration. You can continue registering new user afterwards.
Registering Other Administrators

Operating Steps

Press the sensor holder to power up the lock

Press button "+

Place any administrator’s finger 1 time for verification

Press button "1" to select admin group

Place one finger 3 times on the fingerprint sensor

Registration succeeds

Register new users

Indication of the lock

Fingerprint sensor is powered up, LED blinks in green

One beep

One beep

One beep

One beep for the first two fingerprints; a long beep and LED blinking in green for 1 second for the third fingerprint

Note: Admin group supports 10 users; you can still register 9 new administrators in this step.
Registering Normal User

**Operating Steps**

1. Press the sensor holder to power up the lock
2. Press button "+"
3. Place any administrator’s finger 1 time for verification
4. Press button "2" to select normal user group
5. Place one finger 3 times on the fingerprint sensor
6. Registration succeeds
7. Register new users

**Indication of the lock**

- Fingerprint sensor is powered up, LED blinks in green
- One beep
- One beep
- One beep
- One beep for the first two fingerprints; a long beep and LED blinking in green for 1 second for the third fingerprint

**Note:** Normal user group supports 60 users.
Registering Temporary User

Operating Steps:

1. Press the sensor holder to power up the lock
2. Press button "+
3. Place any administrator’s finger 1 time for verification
4. Press button "3" to select temporary user group
5. Place one finger 3 times on the fingerprint sensor
6. Registration succeeds
7. Register new users

Indication of the lock:

- Fingerprint sensor is powered up, LED blinks in green
- One beep
- One beep
- One beep
- One beep for the first two fingerprints; a long beep and LED blinking in green for 1 second for the third fingerprint

Note: Temporary user group supports 20 users.
Deleting Temporary User Group

Operating Steps

- Press the sensor holder to power up the lock
- Press button "-"
- Place any administrator’s finger 1 time for verification
- Long press button "3" to delete temporary user group
- Deletion succeeds

Indication of the lock

- Fingerprint sensor is powered up, LED blinks in green
- One beep
- One beep
- A long beep, LED blinks in green for 1 second

Note: Deleting operation is only valid for groups.
Deleting Normal User Group

- Press the sensor holder to power up the lock
- Press button ","
- Place any administrator’s finger 1 time for verification
- Long press button "2" to delete normal user group
- Deletion succeeds

**Indication of the lock**
- Fingerprint sensor is powered up, LED blinks in green
- One beep
- One beep
- A long beep, LED blinks in green for 1 second

**Note:** Deleting operation is only valid for groups.
Deleting Admin Group

**Operating Steps**

1. Press the sensor holder to power up the lock
2. Press button "-"
3. Place any administrator’s finger 1 time for verification
4. Long press button "1" to delete admin group

**Indication of the lock**

- Fingerprint sensor is powered up, LED blinks in green
- One beep
- One beep
- A long beep, LED blinks in green for 1 second

**Note:** Deleting operation is only valid for groups.
Enabling/Disabling Normally Open Mode

Enabling Normally Open Mode:

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

- **Indication of the lock**
  - Fingerprint sensor is powered up, LED blinks in green
  - A long beep, LED blinks in green for 1 second

Disabling Normally Open Mode:

Place any registered finger for 1 time to disable it.