User manual for SISO fingerprint lock “Mini”

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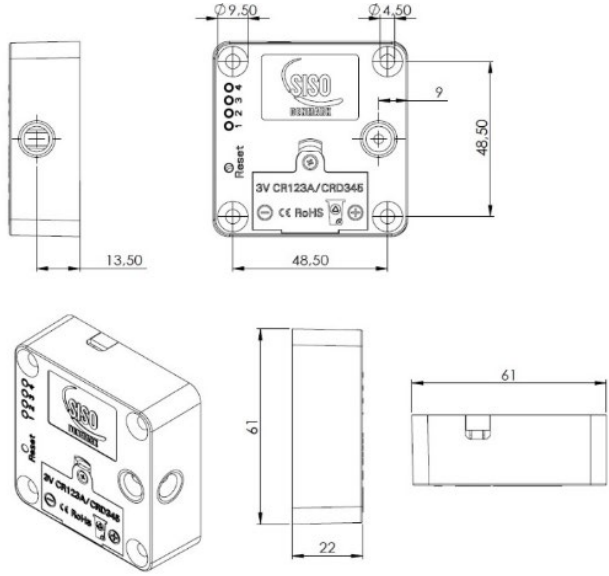
1. Product Appearance

1.1 Lock body

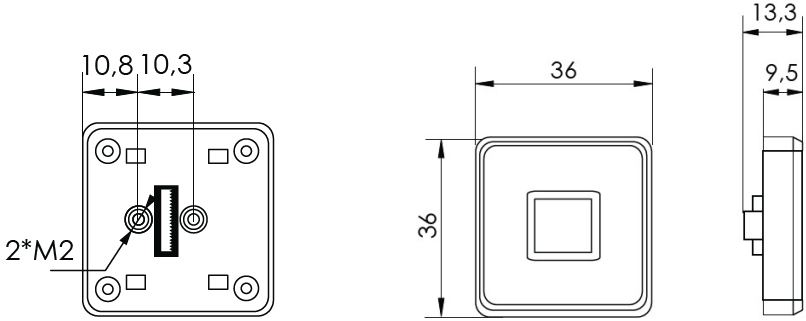
1.2 Front panel

2. Product Installation Dimension

Lock body



Front Panel



3. Product Functions

3.1 Parameters

Material	ABS for lock body shell, Acrylic & PC for panel
Power consumption	Load current < 200mA
	Locked-rotor current < 350mA
	Standby current < 20mA
	Statistic current < 50uA @3V
Working voltage	123A rechargeable lithium battery
	Voltage: 2.1V~3.3V
	Low voltage alarm: 2.5V±0.1V
	Ultimate low voltage: 2.1V, can operate the last unlock
Working environment	Working temperature -15℃ ~ +65℃
	Working humidity 10% ~ 90%RH
Anti-static	Air static 15KV
	Touch static 8KV

3.2 Functions & Features

Functions	Features
Sound prompt	Lock will prompt with sound when swipe correct/wrong card, battery is in low voltage, unlocking for a long time
Light prompt	Green: correct operation Red: wrong operation Blue: low voltage White: standby status
	Low voltage alarm: 1.When battery's voltage is lower than 2.5V, light will shine in blue and lock sounds "di di" for 8 times on every opening to remind user to change new battery.

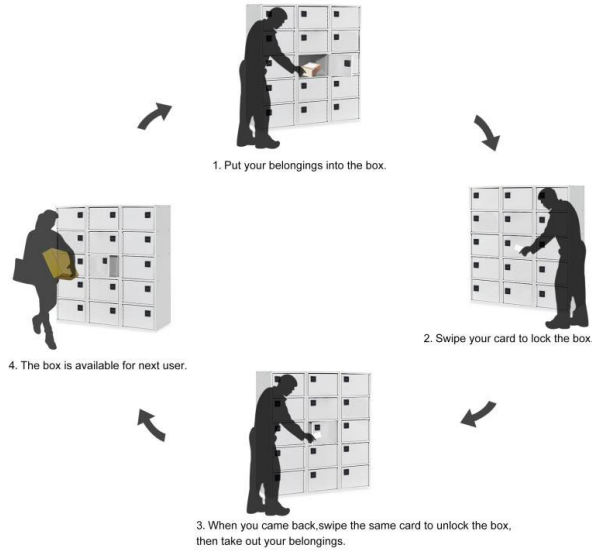
Alarm functions	2. When voltage is less than 2.1V, lock can't be locked until change new battery.
	Lock status alarm: 1. Lock will keep warning for 10s if it keeps unlocking status more than 30s. 2. ※ Lock status alarming function only exists in private mode. Press button 1+2 can enable/disable this function.
	Locking protection: Input wrong fingerprint, lock will shine in red twice and prompt with "di di". Wrong for 5 times continuously, lock will be unavailable for 5mins. During unavailable period: 1. Use manager fingerprint can make it available. 2. Input user fingerprint lock will prompt with "di di di di di" and light shines in red.
Fingerprint functions	1. Manager fingerprint: For setting user fingerprint and delete fingerprint, also can be used for emergency unlock. 2. User fingerprint: Only be used for unlocking.
Button functions	Button 1: Set manager fingerprint and user fingerprint. Button 2: Delete user fingerprint. Button 3: Change working mode. Button 4: Change to single key mode or double key mode. Reset: Reset the lock.

4.Operations

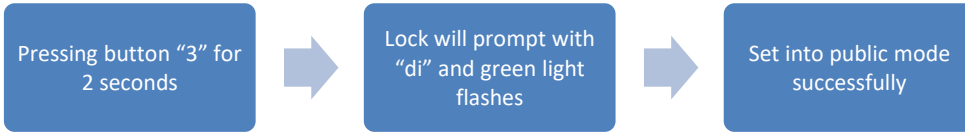
4.1 Public Mode

4.1.1 Mode introduction

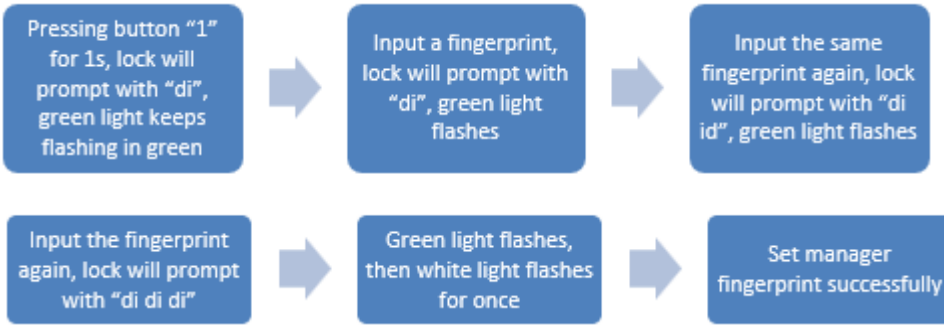
Lock keeps unlocking under public mode, manager fingerprint should be programmed first (manager fingerprint can use for emergency unlock). Any fingerprint to lock and same fingerprint to unlock.



4.1.2 Set lock into public mode



4.1.3 Set manager fingerprint



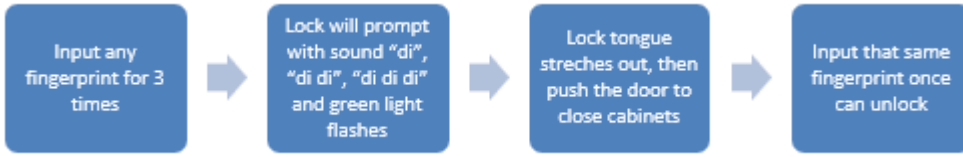
Notice:

1. One lock only can have one manager fingerprint.
2. Manager fingerprint can be used for emergency unlock

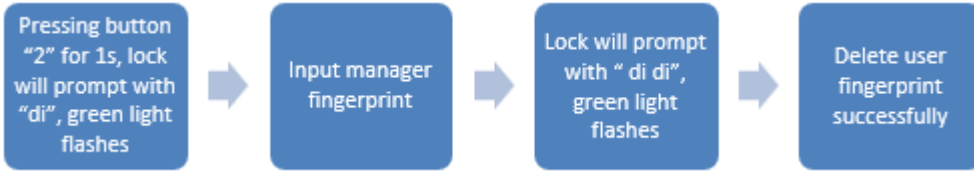
4.1.4 Set user fingerprint

※ In public mode, no need to set user fingerprint. Input any fingerprint for 3 times can lock, then same fingerprint once to unlock.

4.1.5 How to use user fingerprint



4.1.6 Delete user fingerprint



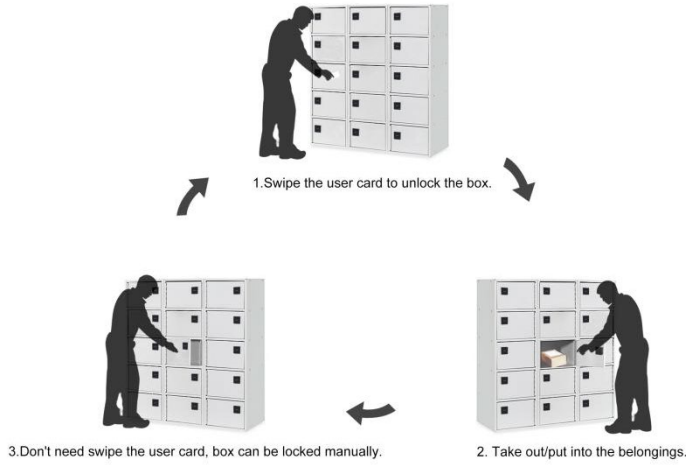
Notice:

1. After deleting, all user fingerprints will be invalid, then need to set again.

4.2 Private Mode

4.2.1 Mode introduction

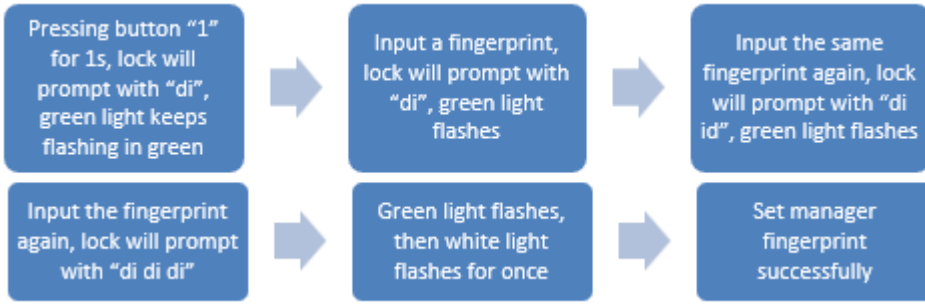
Lock keeps locking under private mode, manager fingerprint and user fingerprint should be programmed first. Push the door to close and use the user fingerprint to unlock.



4.2.2 Set lock into private mode

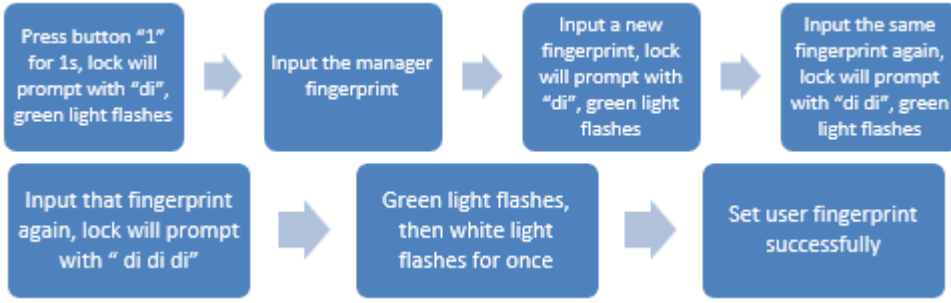
Pressing button “3” for 2 seconds → Lock will prompt with “di di” and green light flashes → Set into private mode successfully

4.2.3 Set manager fingerprint



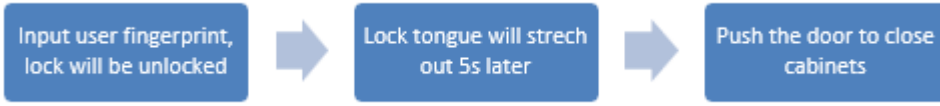
Notice:
1.One lock only can have one manager fingerprint.
2. Manager fingerprint can be used for emergency unlock.

4.2.4 Set user fingerprint

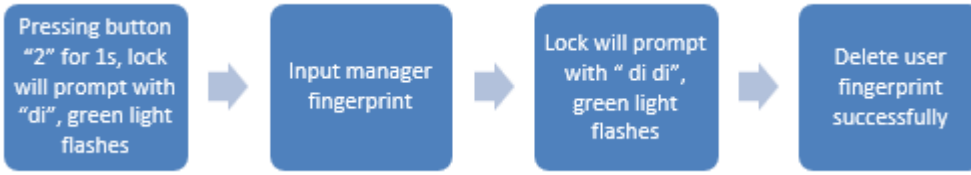


Notice:
1. One lock can have max 100 user fingerprint.

4.2.5 How to use user fingerprint



4.2.6 Delete user fingerprint

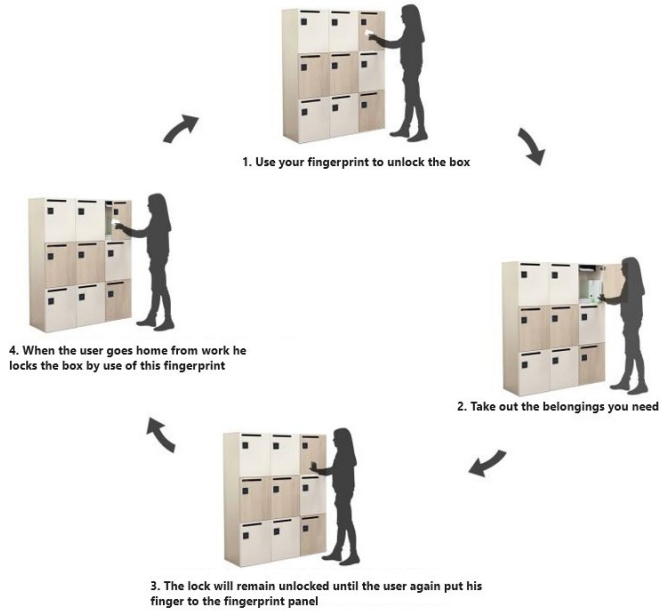


Notice:
1. After deleting, all user fingerprints will be invalid, then need to set again.

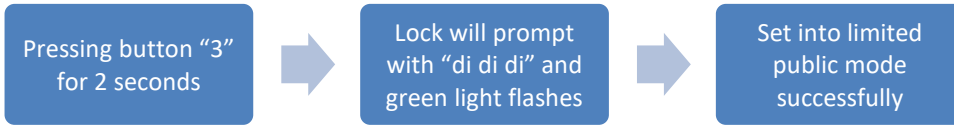
4.3 Office Mode

4.3.1 Office Mode

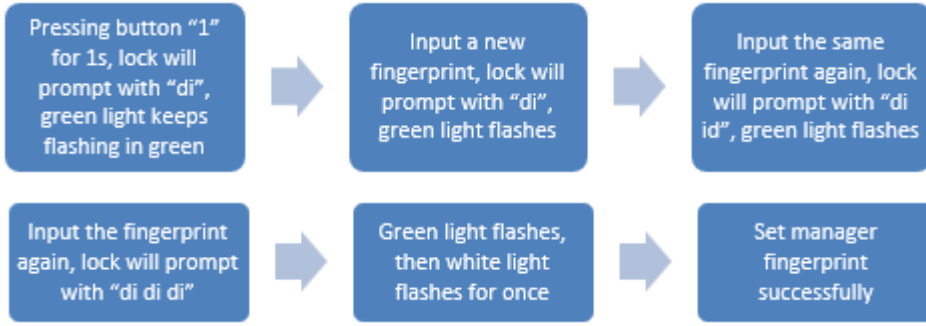
Office mode is suitable for office cabinet/drawer etc. It´s like private mode but the lock does NOT close automatically. You need to use your fingerprint to open but ALSO to close the lock. Ideal for the worker who frequently uses his cabinet/drawer during the day. He just needs to open with his fingerprint in the morning when opening the lock and put his finger on the fingerprint panel to close the lock when he leaves work.



4.3.2 Set lock into office mode

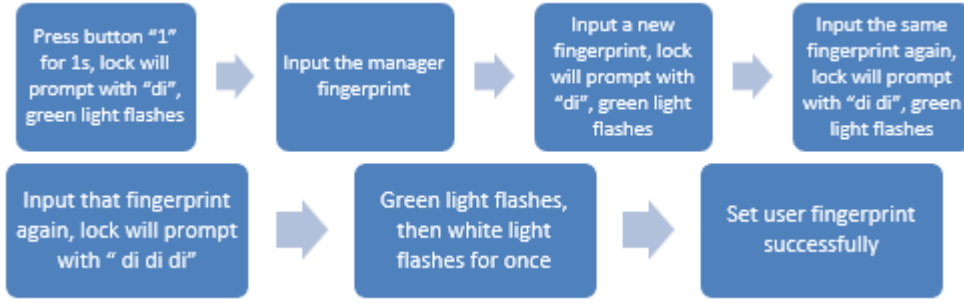


4.3.3 Set manager fingerprint



Notice:
1. One lock only can have one manager fingerprint.
2. Manager fingerprint can be used for emergency unlock.

4.3.4 Set user fingerprint



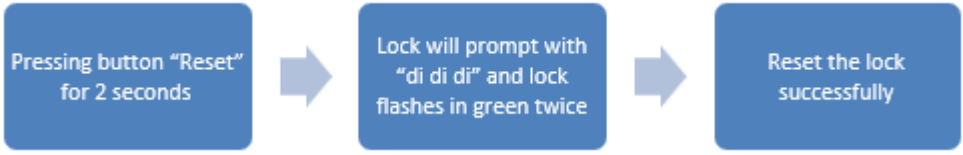
Notice:
1. One lock can have max 100 user fingerprint.

4.3.5 How to use user fingerprint

4.3.6 Delete user fingerprint

Notice:
1. After deleting, all user fingerprints will be invalid, then need to set again.

5. Reset lock



Notice:
After resetting, the lock will be factory setting and all fingerprints are invalid, need to set fingerprints again.

6. Warm Tips

1. Light shines in blue means batteries are nearly run out, please change new batteries in time.
2. Please make sure the lock can work, batteries are included, and all fingerprints are set before installation.
3. Changing working mode from private mode to limited public mode, all fingerprints will still be valid. But from limited public mode to public mode, all fingerprints will be invalid, need to set again.