KR-S61A is a lock for drawers and cabinets. Battery powered KR-S61A is powered by Mifare cards out of the box. It is a secret lock application as it stays in the drawer and cabinet.

Usage

In Private Use:
When the user card is read into the lock, the lock is unlocked. The user pulls open the cabinet cover or drawer. When it is finished with the drawer or cabinet, it closes the door and ensures that it is locked.

In Public Use:
Cabinet/Drawer door is normally open, lock is also open. The user puts his stuff in the cabinet, reads his card into the lock and closes the lid. When he comes back, he reads his card again, the lock is opened. He opens the door and takes his stuff. Leaves the cabinet cover/drawer open.

In Limited Public Use:
Cabinet/Drawer cover is normally closed, lock is also locked. User unlocks with card. He puts or takes his belongings in the cabinet, closes the cover without reading his card on the lock. In this case, the lock is open. After it's done, it reads the card again, it becomes locked.

CONTENTS

PRODUCT VIEW

LOCK BODY

LOCK HOOK

CARDS (13.56MHz Mifare)

DIMENSIONS
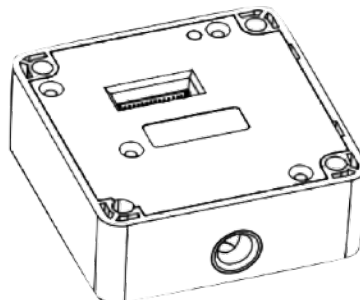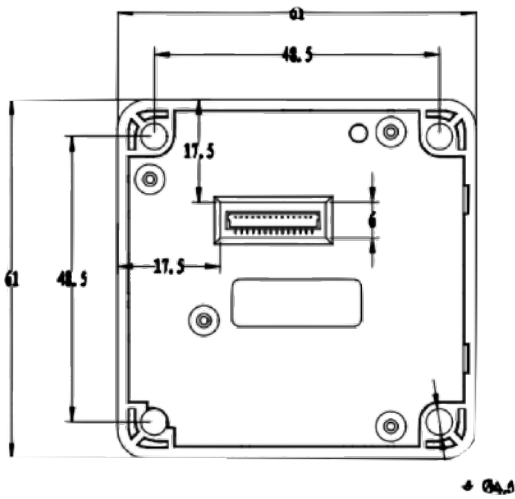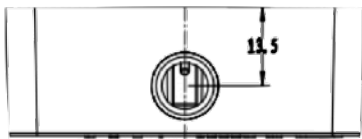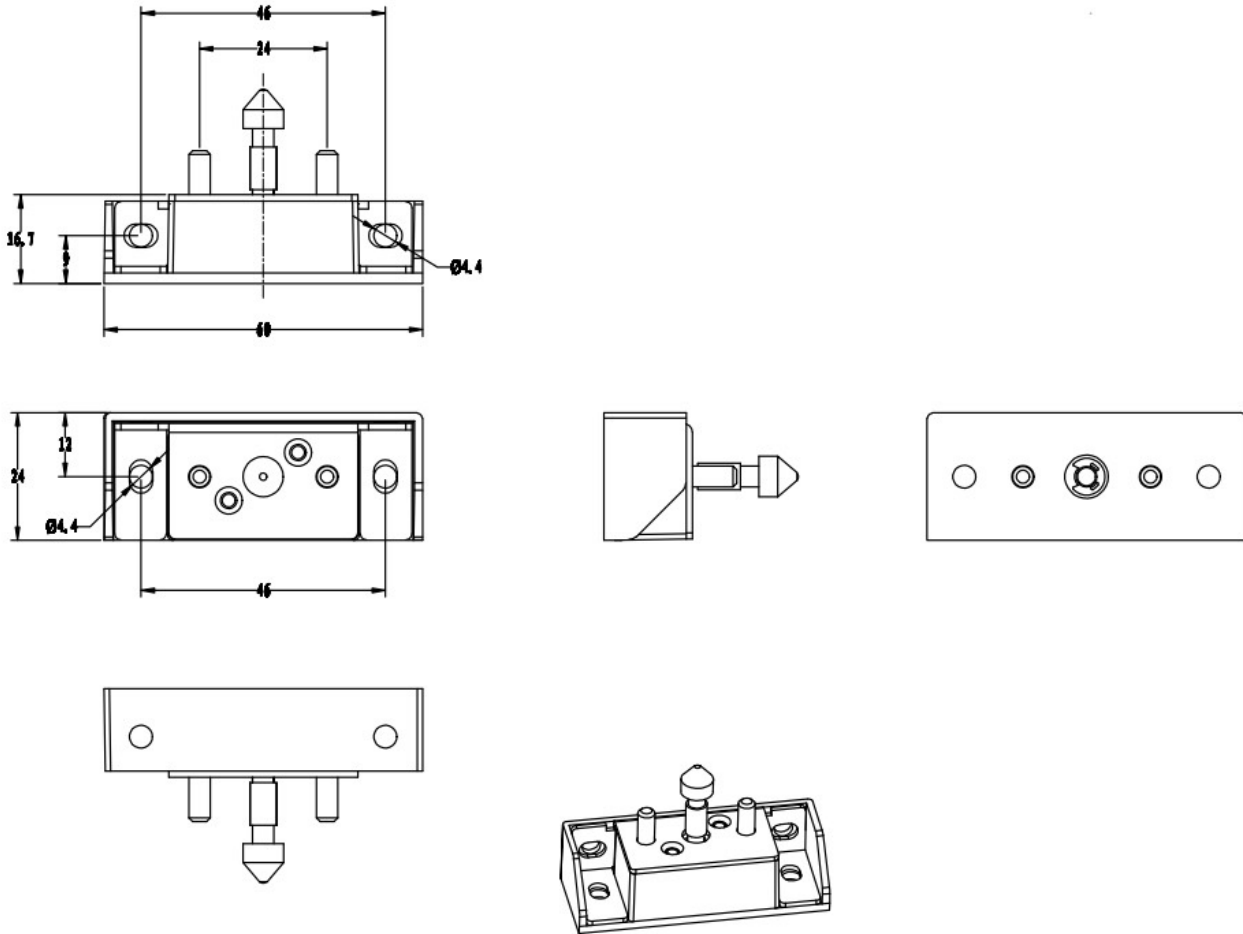
PARAMETER

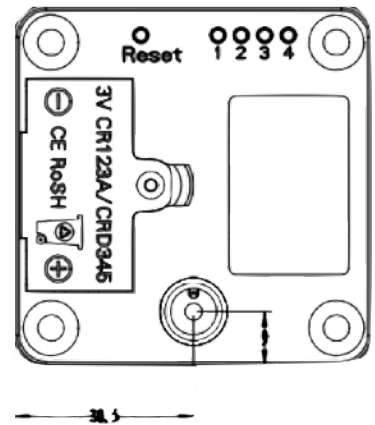| Material	ABS for lock body shell, Acrylic & PC for panel
Power consumption	Load current < 200mA Locked-rotor current < 350mA Standby current < 20mA Statistic current < 50uA @3V
Working voltage	123A rechargeable lithium battery Voltage: 2.1V~3.3V Low voltage alarm: 2.5V±0.1V Ultimate low voltage: 2.1V,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

FUNCTIONS AND 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
Alarm functions	**Low voltage alarm:** 1. When battery's voltage is lower than 2.4V, light will shine in blue and lock sounds "di di" for 8 times on every opening to remind user to change new battery. 2. When voltage is less than 2.1V, lock can't be locked until change new battery. **Lock status alarm:** Lock will keep warning for 10s if it keeps unlocking status more than 30s. ※ Lock status alarming function only exists in private mode. Press button 1+2 can enable/disable this function. **Locking protection:** Input wrong code/card, 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:* Use manager card/code can make it available. Input user code/card lock will prompt with "di di di di di" and light shines in red.
Card functions	Manager card: For setting user card, also can be used for emergency unlock in public mode. User card: Only be used for unlocking. Delete card: For deleting all user cards at one time, or delete a specific card. Master card: For emergency unlocking.
Button functions	Button 1: Set manager card and user card. Button 2: Set delete card. Button 3: Change working mode. Button 4: Change to single key mode or double key mode. Reset: Reset the lock.
Functional cards	• Change working mode by card. • Enable & disable lock status alarm function by card. • Enable & disable lock sound by card. • Function cards can be encrypted. Only these encrypted function cards can set the lock. • Users can use their own cards that are compatible with our lock, but function cards only can be Mifare 1 card.

USE

The KR-S61A can be used in 3 different modes. You have to decide for yourself the way of use that best suits your needs.

1. PUBLIC USE (Factory in this setting)
2. PRIVATE USE
3. LIMITED PUBLIC USE

PUBLIC USE

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

1. Put your belongings into the box.
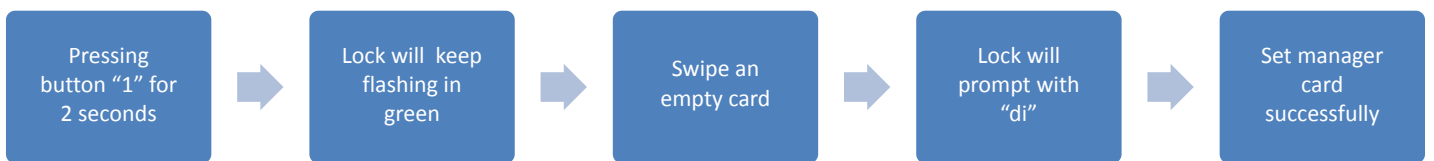

2. Swipe your card to lock the box.

3. When you came back,swipe the same card to unlock the box, then take out your belongings.

4. The box is available for next user.

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Set lock into public mode

The factory is in this setting, if you are going to use it in this mode, you do not need to make this setting.

Pressing button "3" for 2 seconds	➡ Lock will prompt with "di" and green light flashes	➡ Set into public mode successfully

Set manager card

Pressing button "1" for 2 seconds	➡ Lock will keep flashing in green	➡ Swipe an empty card	➡ Lock will prompt with "di"	➡ Set manager card successfully

Notice:
1. While green light is flashing, user can set manager card continuously. One lock can have max 10pcs manager cards.
2. Manager card can be used for emergency unlock in public mode.

Set user card

⚠ In public mode, no need to set user card. Input any card can lock, then same card to unlock.

How to use user card

Input any card	➡ Lock will prompt with sound "di", green light flashes for one time	➡ Lock tongue streches out, then push the door to close cabinets	➡ Input that same card can unlock

Private Mode

Lock keeps locking under private mode, manager card and user card should be programmed first(manager card only for programming user card). Push the door to close, and use the user card to unlock.

⚠️ If you leave the user card in the cabinet/drawer and close the lid, you will need the admin card to open it. You can open it by introducing a new card with the manager card.

1.Swipe the user card to unlock the box.

3.Don't need swipe the user card, box can be locked manually.

2. Take out/put into the belongings.

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

Set manager card

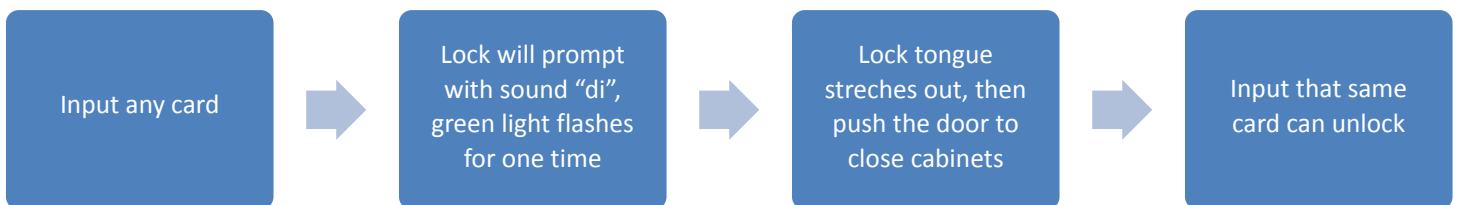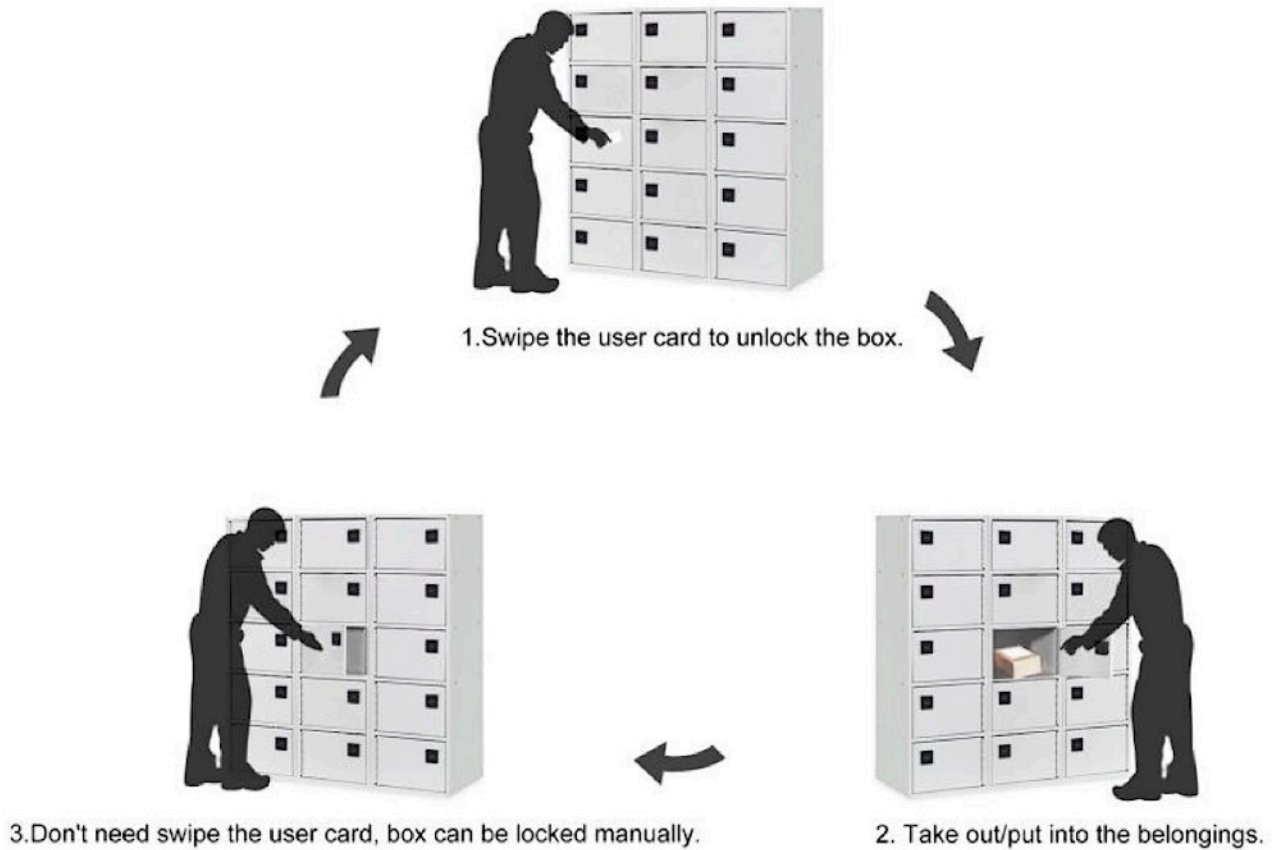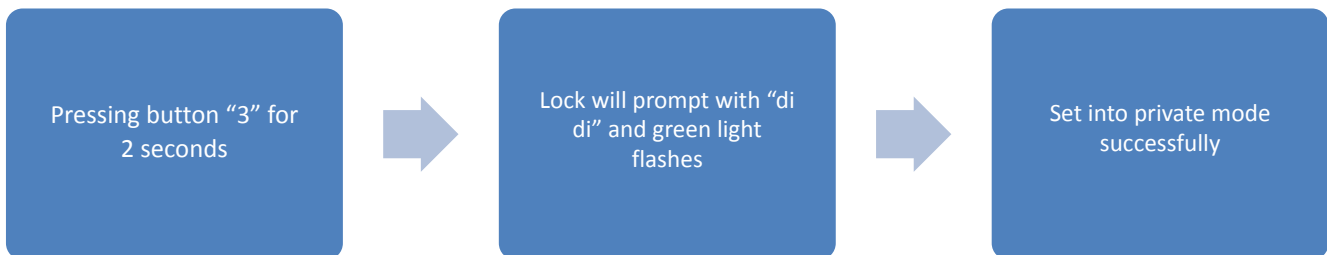| Pressing button "1" for 2 seconds | → | Lock will keep flashing in green | → | Swipe an empty card | → | Lock will prompt with "di" | → | Set manager card successfully |

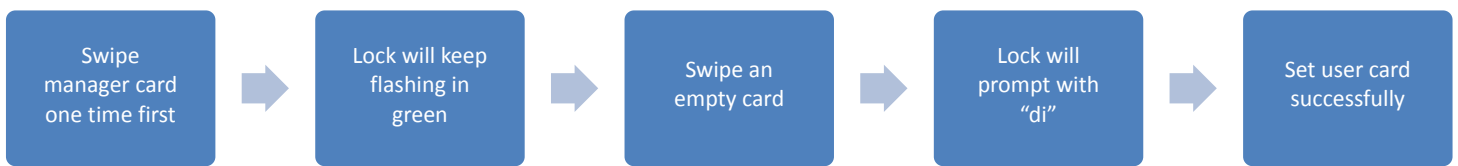**Notice:**
1. While green light is flashing, user can set manager card continuously. One lock can have max 10pcs manager cards.
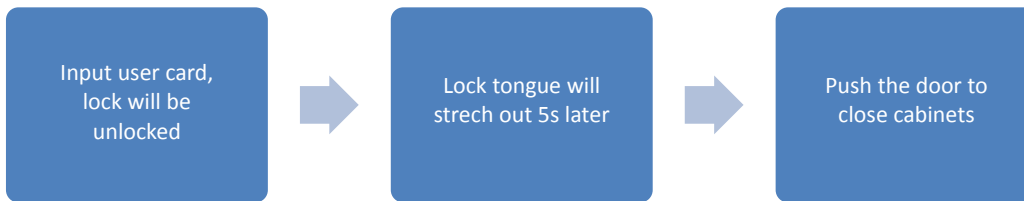2. Manager card cannot use for emergency unlock, just for setting user card.
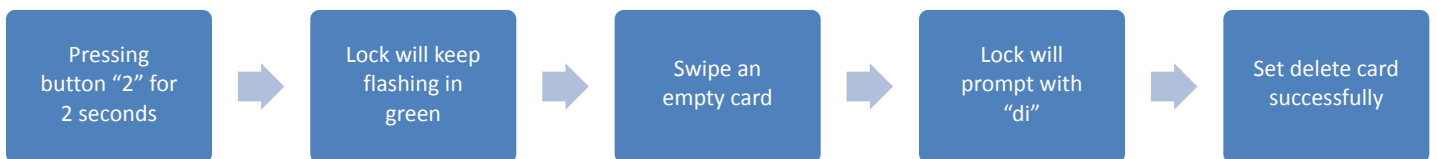
Set user card

| Swipe manager card one time first | → | Lock will keep flashing in green | → | Swipe an empty card | → | Lock will prompt with "di" | → | Set user card successfully |

Notice:
1. While green light is flashing, user can set user card continuously. One lock can have max 30pcs user cards

How to use user card

| Input user card, lock will be unlocked | → | Lock tongue will strech out 5s later | → | Push the door to close cabinets |

Set delete card

| Pressing button "2" for 2 seconds | → | Lock will keep flashing in green | → | Swipe an empty card | → | Lock will prompt with "di" | → | Set delete card successfully |

Notice:
1. While green light is flashing, user can set delete card continuously. One lock can have max 10pcs delete cards.
2. Swipe the delete card, all user cards will be invalid, then need to set again.

Limited Public Mode

Lock keeps locking first under limited public mode, manager card and user card should be programmed first(manager card only for programming user card). Lock will keep unlocking after unlocked, then swipe user card, push the door can close the box.

1. Swipe the user card to unlock the box.

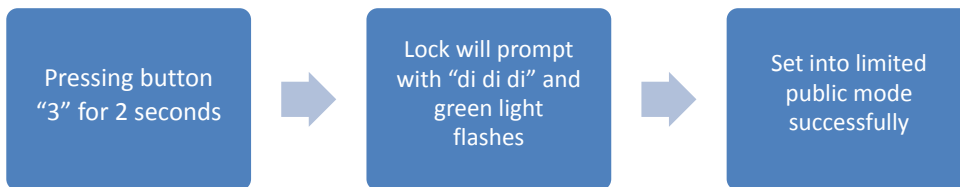2. Take out the belongings you need.

3. The box will keep unlocking until user swipes card to lock. User can open the box at any time without swiping card.
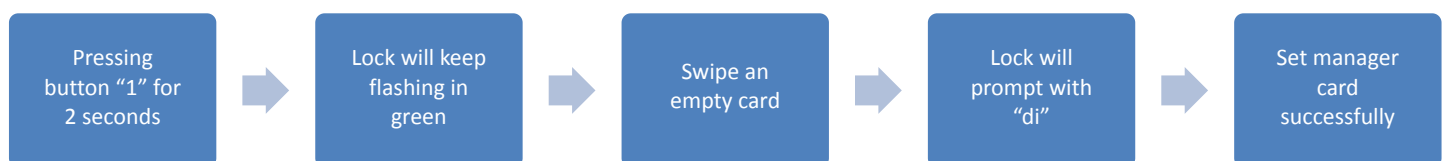
4. When finish using, user can swipe card to lock the box.

Set lock into limited public mode

Pressing button "3" for 2 seconds	→	Lock will prompt with "di di di" and green light flashes	→	Set into limited public mode successfully

Set manager card

Pressing button "1" for 2 seconds	→	Lock will keep flashing in green	→	Swipe an empty card	→	Lock will prompt with "di"	→	Set manager card successfully

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Document Note: S20212K00021

Notice:
1. While green light is flashing, user can set manager card continuously. One lock can have max 10pcs manager cards.
2. Manager card cannot be used for emergency unlock, just for setting user card.
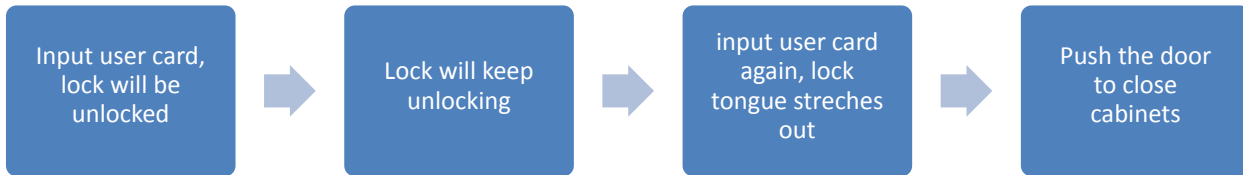
Set user card

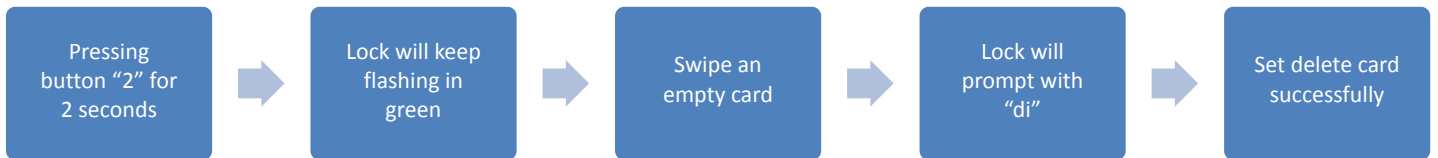| Swipe manager card one time first | ➡ | Lock will keep flashing in green | ➡ | Swipe an empty card | ➡ | Lock will prompt with "di" | ➡ | Set user card successfully |

Notice:
1. While green light is flashing, user can set user card continuously. One lock can have max 30pcs user cards.
2. If user card is lost, you can use manager card to set a new user card to unlock
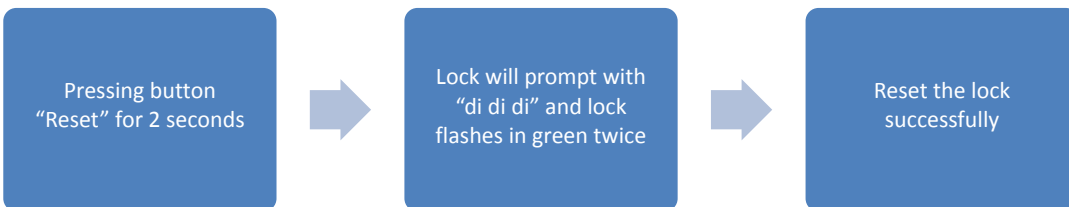
How to use user card?

| Input user card, lock will be unlocked | ➡ | Lock will keep unlocking | ➡ | input user card again, lock tongue streches out | ➡ | Push the door to close cabinets |

Set delete card

| Pressing button "2" for 2 seconds | ➡ | Lock will keep flashing in green | ➡ | Swipe an empty card | ➡ | Lock will prompt with "di" | ➡ | Set delete card successfully |

Notice:
1. While green light is flashing, user can set delete card continuously. One lock can have max 10pcs delete cards.
2. Swipe the delete card, all user cards will be invalid, then need to set again..

RESET LOCK

| Pressing button "Reset" for 2 seconds | ➡ | Lock will prompt with "di di di" and lock flashes in green twice | ➡ | Reset the lock successfully |

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

WARM TİPS

3. Light shines in blue means batteries are nearly run out, please change new batteries in time.
4. One lock can have max 10pcs manager cards, 10pcs delete cards and 30pcs user cards.
5. Please make sure the lock can work, batteries are included and all CARDS are set before installation

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