# Kaadas

S100C User Manual

www.kaadasgroup.com

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All design and specifications are subject to change without notice.

#### Cautions

This section contains important information to ensure the user's safety and prevent potential damage to property. Please, read this section carefully and use the product accordingly.

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#### 1 How to install

## Package Content

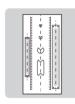
This described package content is for reference only, the real products should be considered as final. If some components lost, please check with the sellers.



Outside escutcheon with rubber gasket



Inside escutcheon with rubber gasket



Installation Template



Mortise



Strike Plate Assembly



Mechanical Key



Mounting Plate



RFID Card



Screw pack



User Manual

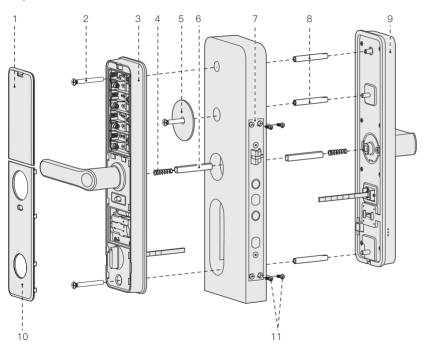


Warranty card



Micro-fiber Wiper

## **Explosive View**



- 1. Battery Cover
- 2. Connecting mounting screw (3pcs)
- 3. Inside escutcheon assembly
- 4. Pressure spring (2pcs)
- 5. Mounting plate
- 6. Square shaft (2pcs)
- 7. Mortise
- 8. Screw bolt (3pcs)
- 9. Outside escutcheon assembly
- 10. Inside escutcheon cover
- 11. Fixed screw (4pcs)

## **Important Information**

## Safety instruction

- •Read and understand all instructions before using this smart lock. Damages caused by failure to follow instructions is not covered by the warranty.
- •It is recommended to use the enclosures / accessories specified by the company.
- •Use only alkaline batteries configured with this product.
- •Do not forcibly disassemble this product in order to avoid alarm sound or damage to the product.
- •Do not scratch the fingerprint reader with sharp objects, otherwise it may cause permanent damage.
- •Do not expose the product to corrosive substances, so as not to damage the outer protective layer.
- •Do not hand objects on the handle, so as not to affect the normal use of the door lock.
- •When cleaning the product, please wipe it with a soft cloth.
- •Do not disassemble the battery while the device is operating.
- •Please choose a professional engineer to install the door lock and follow the company's standard installation instruction, and do not install it by yourself.
- •After the door lock is installed, please modify the default master PIN code immediately and keep the mechanical key in a safe place. Don't disclosure PIN code to the unknown person.
- •When low battery alarm is triggered, please replace all the batteries in time.

## Warning

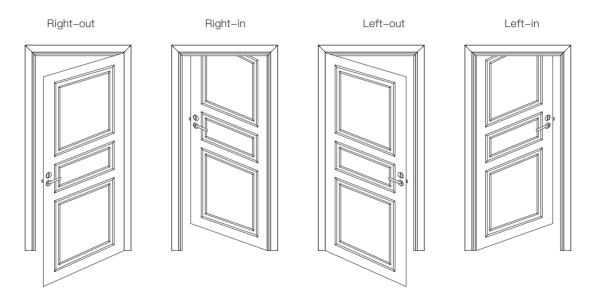
- •Do not place battery closing to fire in case of explosion.
- •Do not short-circuit the two poles of the battery lead with metal objects in case of explosion.
- •Making sure replacement or maintenance are done by professional person authorized by Kaadas.
- •Your warranty may invalidate if you used accessories produced by other manufacturer or not recommended by Kaadas.

## Disposal of used battery and lock

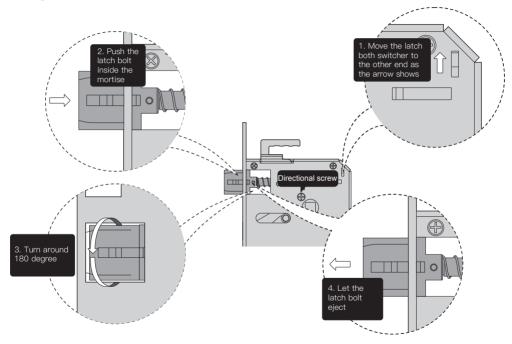
- •Please understand the local electronic product classification and collection system.
- •Please follow the local regulations and do not discard used batteries into ordinary household garbage.
- •Properly disposing of used products helps to avoid potential negative impacts on the environment and human health.

## Before Installation

Check Door Open Direction



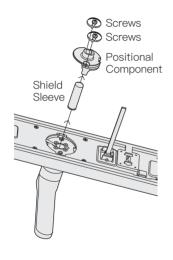
## Change latch bolt direction

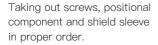


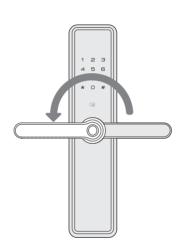
⚠ Caution: Make sure the position of 2 directional screws is faced to the indoor direction, then fasten them properly.

## **Change Handle Direction**

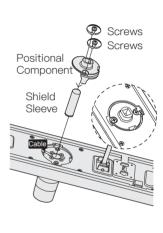
Change Outside escutcheon Handle Direction





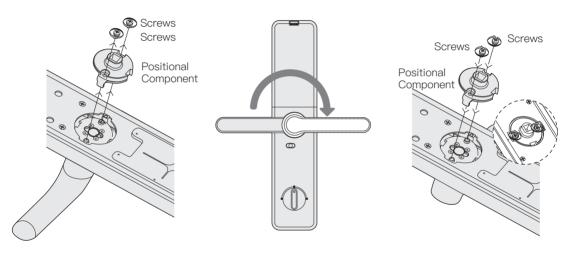


Rotating the handle to the other end.



Put the cable into the right end, then place shield sleeve and positional component on proper order, and fasten the screws at last.

## Change Inside escutcheon Handle Direction



Taking out screws and positional component in proper order.

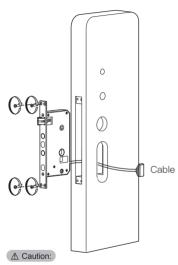
Rotating the handle to the other end.

Place positional component and fasten the screws.

⚠ Caution:

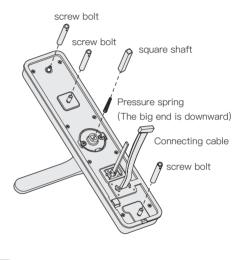
Default screw pack is for door thickness 38-60mm, please contact our dealer if other screw pack required.

#### Installation Steps



Make sure the mortise cable through the hole as the picture shows.

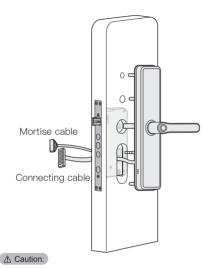
1. Drill holes according to the installation template, and put the mortise lock inside the door. Fix mortise screws.

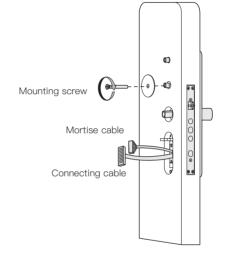


#### ⚠ Caution:

Choose the square shaft and screw bolt in correct length according to your door thickness.

**2.** Fix the connecting screw bolts on the outside escutcheon, place the square shaft and pressure spring into the bore.

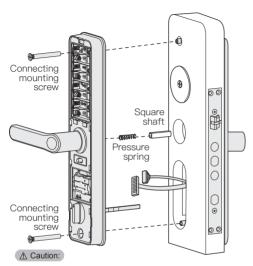




According to door thickness, cut the mechanical key pick into proper length. The proper length of key pick is required to be more than half door thickness but not pass through the door.

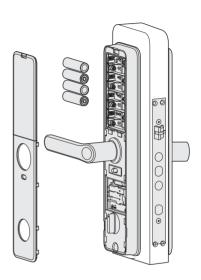
**3.** Pass the connection cable through the top bore. Then align and insert square shaft into mortise hole to make the front escutcheon against the door closely.

**4.** Install the mounting plate with fixing screws tightly against the door.



According to the door thickness, cut the night latch key pick in proper length.

**5.** Place pressure spring and square shaft in the back panel in proper order. And insert the connecting cable of front panel into related sockets of the back panel. Then align and insert the square shaft and mechanical key pick into mortise holes, make the back panel fit against the door closely. After that, tighten the 2 screws.

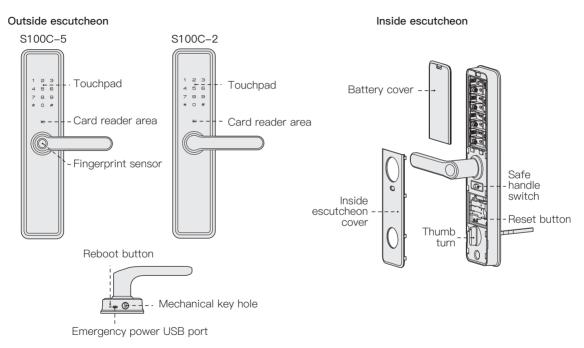


⚠ Caution:

Make sure the battery cover installed well.

**6.** Install 4pcs batteries and battery cover. Check if all functions are working well, then installation is finished.

## 2 Product Overview



▲ Caution: Pictures above are just for reference, please refer to the real product as final.

## 3 How to set Before set

There are normal mode and security mode in the product. The default mode is normal mode.

	Security Mode	Normal Mode  Yes Default Master PIN code: 12345678	
Master PIN code	Yes Default Master PIN code: 12345678		
User PIN code	6 groups 6-12 digits [00-04]: Normal PIN code [05-08]: One time PIN code (unavailable) [09]: Duress Use	10 groups 6-12 digits [00-04] : Normal PIN code [05-08] : One time PIN code [09] : Duress Use	
Access to master mode	Enter master PIN code	Enter master PIN code	
Fingerprint capacity (only available for S100C-5)	100 User number[00-99]	100 User number[00–99]	
Card capacity 100 User number[00–99]		100 User number[00-99]	

#### ⚠ Caution:

Before setting to security mode, fingerprint, PIN code and Card, must be all enrolled or at least two different opening ways.

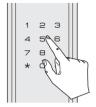
#### User Number

When you in security mode, you shall edit user number before enroll PIN code/fingerprint/card. When you need to delete one user, you can enter the user number to delete.

You can fill your user information in below sheet for convenience

NO.	Name	PIN code	Fingerprint	Card
00				
01				
02				
03				
04				
05				
06				
07				
08				
09				

#### Access into master mode



Default master

PIN code is

12345678.

- 1. Wake up touchscreen keypad with palm.
- Press [\*] twice, input master PIN code, and press [#] to confirm.
- 3. Voice guide: Enter the Master Mode.

Note: Change default master PIN code is required immediately for menu operation.

#### Change master PIN code

In master mode



Press 1 to user setting, then press 9 to change default master PIN code.



Enter new master PIN code, press # to confirm. Reenter the master PIN code, then press # to confirm. Voice prompt of "Set up succeeded"

## **User Setting**

#### Enroll user PIN code

Access into master mode



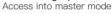
Press [1] for user setting. Then press [1] to enroll user PIN code. Enter 2 digital user number (00–09), and confirm with [#] key



Enter user PIN code (6–12 digits), and confirm with [#] key; Then repeat above operations.

Voice prompt of "Enrollment succeed"

## Enroll Fingerprint (only available for S100C-5)





Press [1] for user setting. Then press [2] to enroll user fingerprint. Enter 2 digital user number (00–99), and confirm with [#] key.



Place your finger on the fingerprint sensor, then take away your finger after voice prompt "Remove finger and scan again". Repeat above steps multiple times until voice prompt "Enrollment succeed".

#### **Enroll Card**

Access into master mode







Press [1] for user setting. Then press [3] to enroll user card. Enter 2 digital user number (00–99), and confirm with [#] key.



Place card on the card icon area until beep sound and voice prompt "Enrollment succeed".

### Delete User PIN Code

Access into master mode



Press [1] for user setting. Then press [4] to delete user PIN code. Press [1] to delete single user. Enter 2 digital user number (00–09), and confirm with [#] key, Voice prompt of "Deletion succeeded".

1 4 2

Press [2] to delete all users. Voice prompt of "Deletion succeeded"

## Delete User Fingerprint (only available for S100C-5) Access into master mode

1 5 1 🔳 #

Press [1] for user setting. Then press [5] to delete user fingerprint. Press [1] to delete single user. Enter 2 digital user number (00–99), and confirm with [#] key. OR Place the related finger on the fingerprint sensor to delete until one beep sound. Voice prompt of "Deletion succeeded"

Press [2] to delete all users
Voice prompt of "Deletion succeeded"

#### Delete User Card

Access into master mode



Press [1] for user setting. Then press [6] to delete user card. Enter 2 digital user number (00–99), and confirm with [#] key OR Place the related RF card on the card icon area to delete until one beep sound.

Voice prompt of "Deletion succeeded"

1 6

Press [2] to delete all users Voice prompt of "Deletion succeeded"

#### Opening Mode Setting

Access into master mode

1 7

Press [1] for user setting. Then press [7] for opening mode setting. Press [1] for normal mode (single verification), which means opening by PIN code or fingerprint or card.

1 7 2

Press [2] for security mode (double verification) ,which means opening by PIN code+fingerprint or PIN code +card or fingerprint+card.

## System Setting

## Volume Setting

Access into master mode

2 1 1 OR 2

Press [2] for system setting. Then press [1] for volume setting.

Press [1] for voice mode.

Press [2] for mute mode, excluding alarm and menu operation.

## Language Setting

Access into master mode



Press [2] for system setting. Then press [2] for language setting.

Press [1] for Chinese Voice.

Press [2] for English Voice.

Press [3] for Spanish Voice.

Press [4] for Portuguese Voice.

Press [5] for Russian Voice.

## System Query

System Query

Access into master mode

3 1

Press [3] for system query.

Press [1] to get unique Serials Number.

## **Extension Function (Optional)**

Access into master mode

4 1 OR 2

Press [4] for function extension.

Press [1] to join network.

Press [2] to log off network.

## **Bluetooth Setting**

#### **Enable Bluetooth**

Access into master mode



Press [5] for Bluetooth setting, then press [1] to enable Bluetooth.



The default setting for Bluetooth is disable.

#### Manage Bluetooth (under Bluetooth turned on)

Access into master mode

5 1 OR 2 OR 3

Press [5] for bluetooth setting.

Press [1] to connect bluetooth.

Press [2] to disconnect bluetooth.

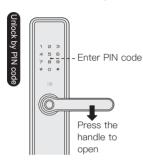
Press [3] to disable bluetooth. After that, press [1] to enable bluetooth



Please keep bluetooth enabled when product works, once enable the bluetooth, the bluetooth will keep on unless user disable it.

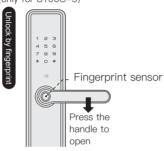
## 4 How to use Open from outside

1. PIN code opening

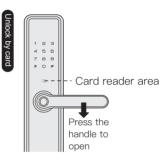


Touch pad screen by palm to lighten keypad; Enter the enrolled PIN code with end of [#]. Voice prompt "door opened". Press the handle to open the door.

2. Fingerprint opening (only for S100C-5)



Place the enrolled finger properly on the fingerprint sensor area until one beep sound and voice prompt "door opened" Press the handle to open the door. 3. Card opening



Place the enrolled card properly on the card icon area until one beep sound and voice prompt "door opened". Press handle to open the door.

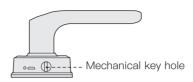
#### ⚠ Caution:

In security mode, double verification is required for opening door.

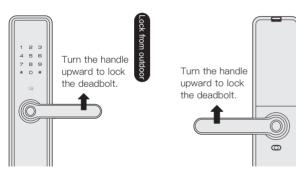
- 1. PIN Code + Fingerprint
- 2. PIN Code + Card
- 3. Fingerprint + Card

## Open door by mechanical key override

In case of forgetting PIN code, battery run out or system error; Mechanical key is used to open door as backup mode. Insert the key into key hole and rotate it with proper angles; Then press the handle to open the door.



## Close door from outdoor/Close door from indoor/Double lock from indoor





Turn the knob to double-lock. In this case, it is not available to unlock from outdoor.

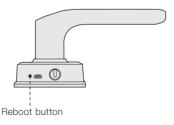
#### 5 Other Features

## Restore to factory setting

Double click [RES] button to make the lock restore to factory setting. Voice prompt "Restored to factory settings. Change master PIN code." After that, all user information and settings will be cleared.

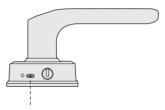
#### Reboot

Press the reboot button to restart the lock, when the system is unresponsive. No user data is deleted.



## Emergency power supply

When the battery voltage is too low to open the lock from outside, you can use 5V power bank to charge the door lock via Micro USB port. After the door is unlocked, please replace all batteries immediately. When the lock system crash down, you can restart system by pressing the reboot button.



Emergency power USB port

⚠ Caution:

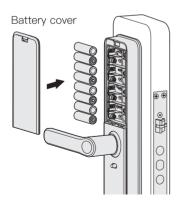
When battery voltage is lower than 4.8V, voice prompts "Low battery, please replace all batteries" at each unlocking. Please replace all batteries immediately, and do not mix old batteries and new batteries together in replacement.

#### Safe Handle Feature



- 1.Enable: move the safe handle switch to display 'red' mark. Once safe handle feature is enabled, the indoor handle will be locked.
- 2.Disable: move the safe handle switch to display 'green' mark. The indoor handle can be pressed and turn upward freely.

## **Battery Replacement**



- 1. Battery life
- 1.5V AA Alkaline Battery is required. Total capacity is 8 pcs, divided into 2 groups. One group is ok for power supply, two groups can be used for longer time.
- 2. Battery Replacement Reminder

When voice prompt "Low battery,please replace all batteries", Please replace the batteries in time.

## Extension Function (Optional)

Access into master mode, press [4] for function extension, which is reserved for Z–Wave and other smart home interface. Please contact Kaadas distributor for more details.

