ORBITA SMART LOCK

Model:P7023N

www.orbitausa.com

Table of Contents

1-1. Appearance

(As the product may be updated from time to time, the appearance of the product shall in kind prevail)

Front panel   Rear panel
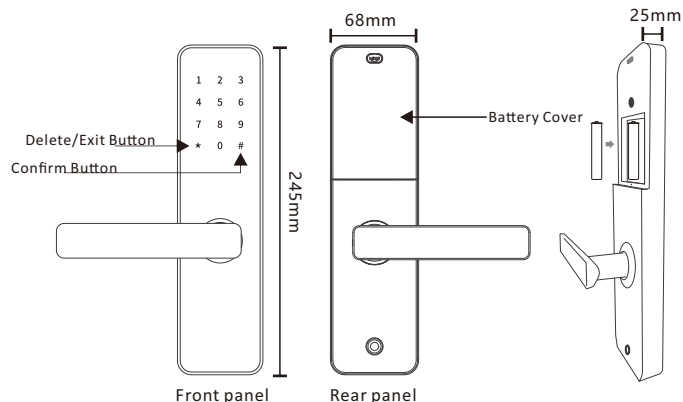
1-2. Features

1. Material: high-quality aluminum alloy
2. Unlocking with password
3. Unlocking with card
4. Unlocking with Bluetooth
5. Unlocking with touch (enabled in the Settings of the App)
6. Sending passwords remotely (permanent, timed, one-time, customized and other types of passwords can be set as per customer needs)
7. Unlocking record query
8. Phone-based and Web-based lock management (unified management via networking with gateway is supported)

1-3. Technical Specifications

Panel material	High-quality aluminum alloy
Latch material	SUS304
Door thickness	40-110mm
Cylinder	Hidden super B grade mechanical cylinder
Operating temperature	-20℃ to +60℃
Bluetooth standard	BLE4.1
Supported phone system	Android 4.3/iOS 7.0 and above
Power supply mode	Four AA batteries
Low voltage alarm threshold	4.8V
Standby current	60 µA
Operating current	< 200 µA
Unlocking time	≈1.5s
Keypad type	Capacitive touch keypad
Number of passwords	150 passwords supported
Supported card type	MIFARE M1 Card
Number of IC cards	200
Unlocking ways	App, Password, IC card, Mechanical key, Bluetooth

1-4. Safety Precautions

1. Keep the panel away from corrosive substances to avoid damage to the surface coating.
2. Do not operate the product with wet hands to prevent liquids such as water or drinks from entering the lock body.
3. Do not press the lock keypad with excessive force or with sharp objects.
4. Do not pull the product with excessive force.
5. Clean the lock body with a soft cloth. Do not use water, benzene or alcohol to clean the product.
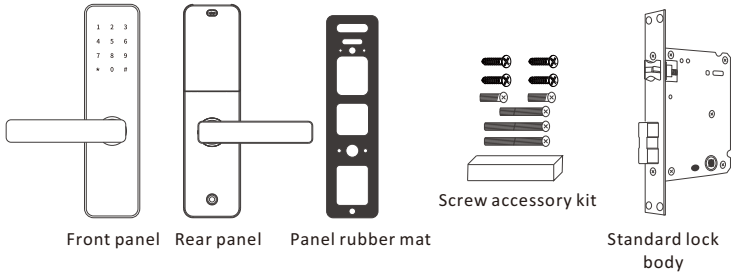
1-5. Charging Safety

1. This product uses four AA alkaline dry batteries. Please insert the batteries based on the correct positive and negative electrodes.
2. When the voltage is lower than 4.8V, a low voltage alarm will sound every time the product unlocks. Pay attention to replacing the batteries in time;
3. Do not short the positive and negative electrodes of the batteries.
4. Please use the battery model specific to this product. Do not use other modified batteries.
5. Do not discard the replaced batteries to avoid polluting the environment.
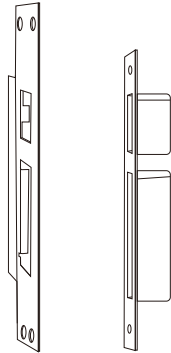
1-6. Precautions for Use

1. Do not insert the batteries before the lock is installed on the door.
2. Please manage your password carefully, and change it regularly to prevent password leakage.
3. Once the low voltage alarm is triggered, please charge the batteries or replace them with new batteries within one week.
4. Make sure the door is completely locked when you go out.
5. When the door cannot unlock with a fingerprint, password or card, use a mechanical key instead. Please keep the mechanical keys properly.

2:Product Installation

2-1. Product List

Front panel   Rear panel   Panel rubber mat

Screw accessory kit

Standard lock body

Keys   Primary card   Secondary card

ORBITA

User Manual

Strike plate   Strike box

Other: Drilling template, Warranty/Product Certification

Note: This product is applicable for doors with frame width greater than 40 mm and door thickness in the range of 40-50 mm. If your door thickness is greater than 50 mm,a longer square shaft is required. Please contact customer service for details. Please check whether the list is complete after unpacking. If any item is missing, please ask the seller in time.

2-2. Installation Instructions

Confirm your door swing (this smart lock can be used for four types of door swings: Left Hand, Left Hand Reverse, Right Hand, Right Hand Reverse)
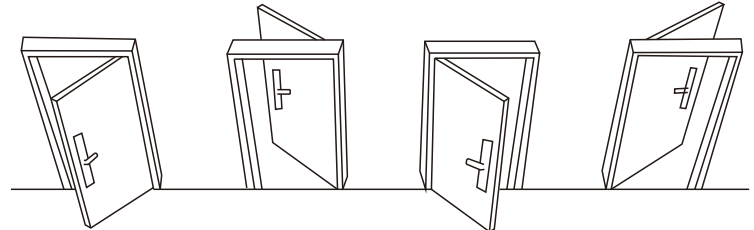
Right-hand outswing   Right-hand inswing   Left-hand outswing   Left-hand inswing

2-3.Precautions Before Installation

Please check whether the accessories are complete before installing the door lock. If your door opening needs to be drilled, please seek the help of a professional lock installer. Unprofessional operation may cause unnecessary property loss.

2-4. Installation Steps

① Install the lock body, as shown in the figure
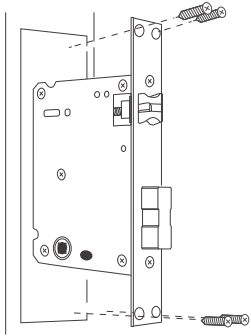
**② Adjust the lock direction, as shown in the figure**

⚠ **Important:**

Loosen the screw in the square shaft to remove the handle and adjust the direction. Adjust the letter corresponding to the arrow above the square shaft hole according to the handle direction (For example, the arrow pointing to R is for right-hand door opening)
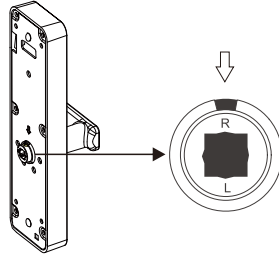

③ Install the square shaft and screw sleeve, as shown in the figure:

Rotate to install 2 screw sleeves

Note: Press the spring on the square shaft and insert the square shaft by aligning it with the opening in the panel knob cover
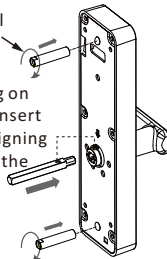

④ Equip the front panel with a panel rubber pad and install the front panel by aligning it with the opening for the lock body. Lead the data cable from the top of the lock body.
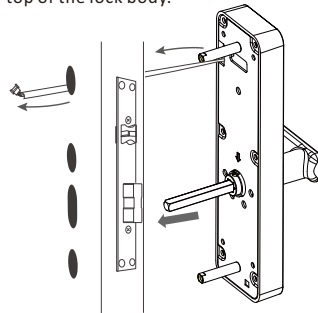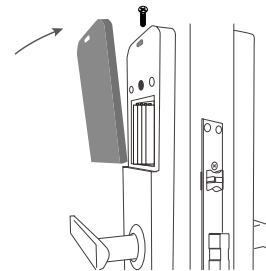

⑤ Fix the front and rear panels

A. Equip with the rear panel rubber pad and connect the lock body and the power cable of the rear panel.
B. Install the rear handle into the rear panel by aligning the handle with the square shaft. Secure it with two long screws. Push down and lift the handle to test whether the lock is normal.
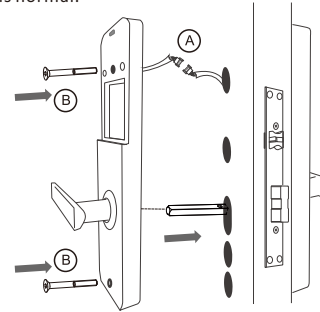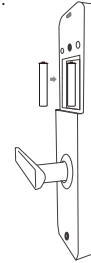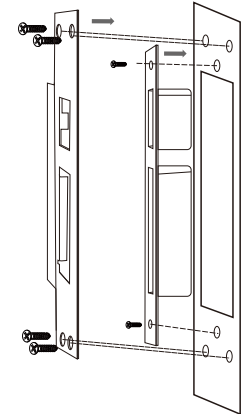

⑦ Install the battery cover

⑥ Insert the batteries

Insert four or eight AA batteries, light up the front panel screen, input the initial password 123456 followed by "#" to check whether the door unlock properly.

⑧ Install the strike plate and strike box on the door frame

⚠ **After the door lock is installed, you need to add Bluetooth admins. Please refer to P10-P11 for details.**

3:Operation Guide

⚠ The initial admin password of the smart lock is 123456. This initial password becomes invalid after a Bluetooth admin is added, and it restores to 123456 after the smart lock is initialized.

3-1. Voice Prompt Switching

Light up the screen, input "*39#", followed by "admin password (the initial password is 123456)#", and followed by "2#" for English voice prompt.

3-2. Lock Initialization

Method 1: Select the lock that requires deletion of phone admin from the App, tap "Settings", and then tap "Delete", or tap and hold the lock name in the list of door locks to delete it (password of the App account is required).
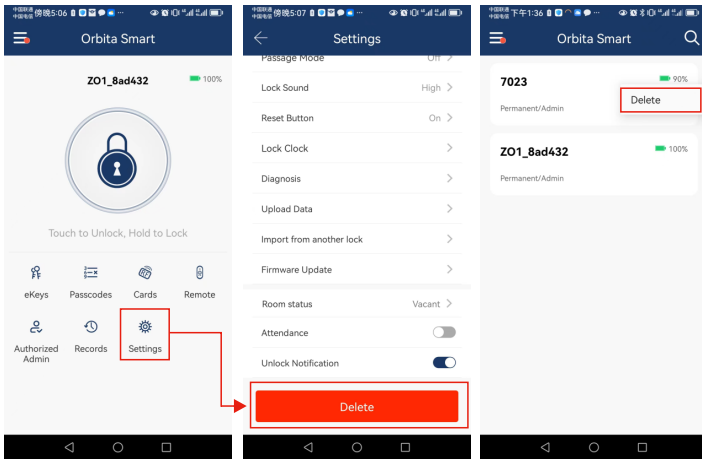
Method 2: Press and hold the Reset button under the battery cover on the rear panel with a thin round object.When you hear a prompt saying "Please input the initialization password", light up the screen and input "000#". When you hear a prompt saying "Admin deleted successfully", the lock is restored to the initial state.

⚠ Once the lock is initialized, all passwords, card information, and admin information are cleared, and you need to add the lock on the App again.

Pinhole for reset

Rear panel

(Scan the QR code above to download the App)
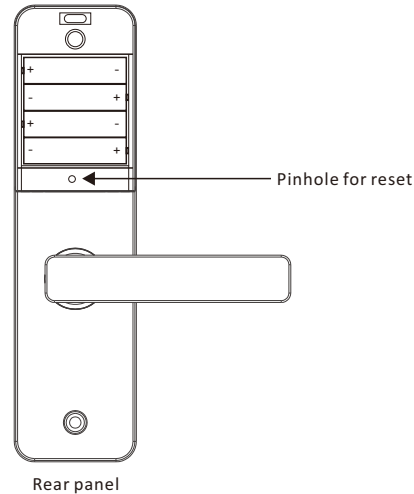
3-3. Download App

You can download the "Orbita Smart" App on your mobile phone.
For iOS version, please search for "Orbita Smart" on App Store.
For Android version, please search for "Orbita Smart" on Google Play. This App supports multiple languages, and you can switch between the languages on the App, as shown in the figure below:
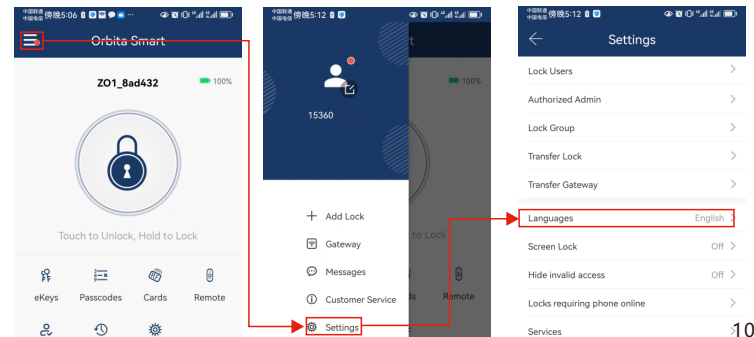
3-4. Add the Lock on the App (Add a Bluetooth admin)

Enable the location and Bluetooth permissions on your phone, and make sure your phone is next to the lock. Open the "Orbita Smart" App, tap the "+" icon in the middle of the screen, and tap "All Locks" so that the App automatically searches for nearby smart locks.
Locks shown in gray cannot be added, while locks shown in bright black can be added. (Make sure the screen stays on during this process)
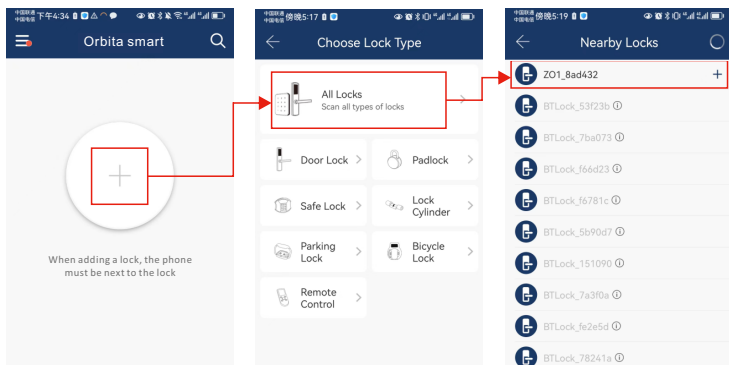
After the lock is added successfully, a corresponding voice prompt will sound and you can name the lock. Tap "OK" to enter the home screen of the App.
Successfully adding the lock on the App indicates that a Bluetooth admin has been added successfully, and a random admin password is generated.
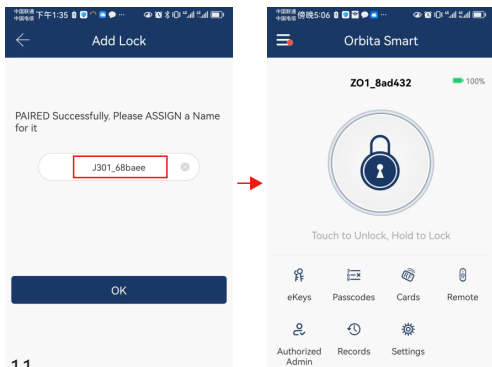
⚠ **Note: Each lock can have only one Level 1 admin (excluding authorized admins). There are two ways to switch to another account:**

(1). Restore the lock to its initial state or remove the lock from the App. Please refer to "Lock Initialization" on page 9. After initialization, use a new account to add the lock on the App.

(2). Input "*83#Admin Password#" using the lock keypad so that the lock enters a mode where phone admins can be added again.
In this mode, another App account is allowed to add this lock on the App and add the account as a new admin. Meanwhile, the old admin is removed.

After a new App account is added as an admin, this lock added to the previous account is automatically removed,which means that only one Level 1 phone admin is allowed to exist.

3-5.Change the Admin Password

After successfully adding a Bluetooth admin, an admin password is generated automatically. To change the password, you can go to "Settings" > "Basic Information" > "Admin Unlocking Password", as shown in the figure below:

⚠ **Note: This operation requires you to enable your phone's Bluetooth and location permissions and place your phone next to the lock.**
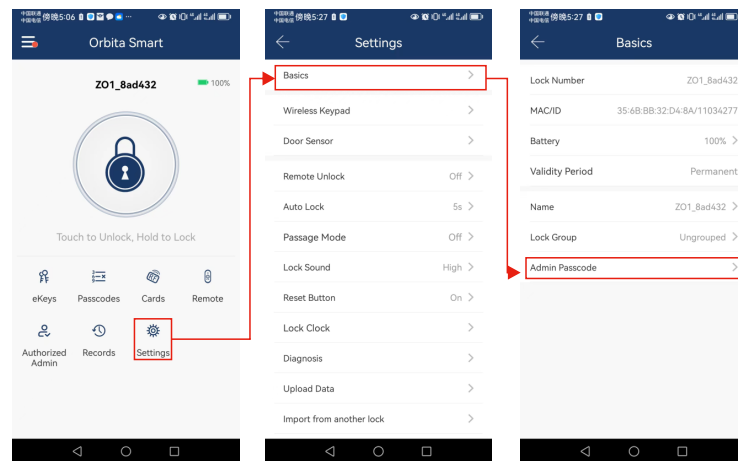
3-6. Home Screen of the App
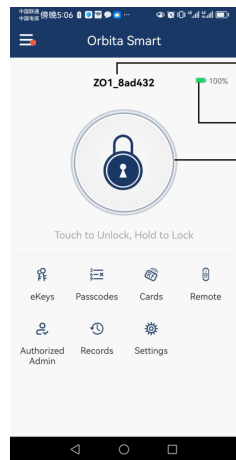
Lock Name

Battery Level

Unlocking/Locking Button

eKeys: Send an eKey to a user, where the user should have created an account on the "Orbita Smart" App;

Password: Create a random/custom password, and share it with a user via WeChat/SMS, email, etc. The user can unlock the door by inputting this password;

Card: You can use this feature to set a card to unlock in a permanent/timed/cyclic form;

Remote : Add a remote controller;

Authorize Admin: Add an admin with most of the permissions of this App;

Record: View unlocking records and alarm records;

Settings: Various settings can be made for the lock.

Other Operations

Unlocking with App: If the gateway is not configured, you need to place your phone next to the lock, enable your phone's location and Bluetooth permissions, and tap the "Lock" icon on the App to unlock the door. If the gateway has been configured, you can directly tap the "Lock" icon on the App to unlock remotely without the need to place your phone next to the lock.

Locking: After the door unlocks, it will be locked automatically if no operation is performed in 5 seconds (except for temporarily constant unlocking). In the constant unlocking mode, tap and hold the "#" icon to lock the door.

Temporarily Constant Unlocking: After unlocking (before locking) the door, input "123#" to enter the constant unlocking mode. The lock restores to the locking state after another unlocking timeout.

Virtual Password: Other numbers can be added both before and after the correct password that is entered on the lock, and the total length of a virtual password is 16 digits.

Password Protection: If the unlocking password is wrongly input 5 consecutive times, the system locks the password keypad for 5 minutes. After the timeout, the system releases the locking state. During the locking period, the keypad can be unlocked by using the correct fingerprint, IC card, and App.

Anti-pry alarm: For locks configured with an anti-pry switch, the loudspeaker sounds a continuous alarm for 1 minute when the switch is triggered.

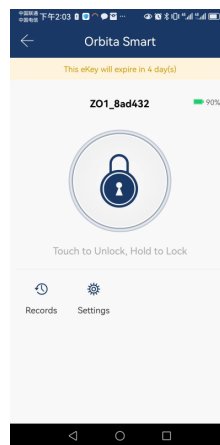**Disable anti-pry alarm:** input "*32#" Admin Password #, 0# using the keypad

Enable anti-pre alarm: input "*32#" Admin Password #, 1# using the keypad

3-7: App Features

3-7-1. eKeys You can set 4 types of eKeys to be sent to users who have created accounts on the "Orbita Smart" App.
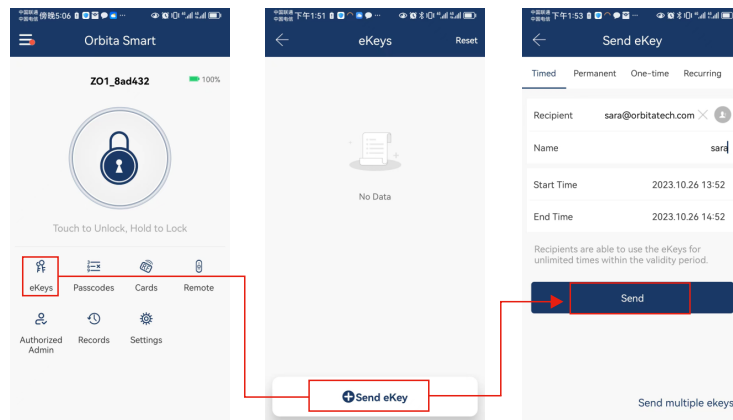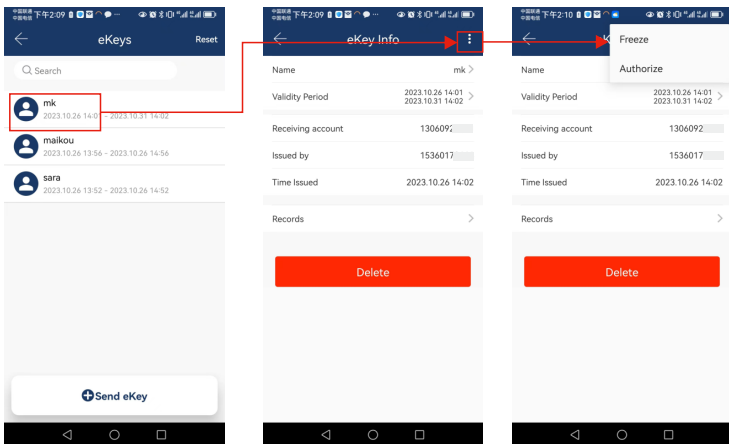

Once a user receives an "eKey", only a few features are displayed on his/her phone screen, as shown in the figure below.
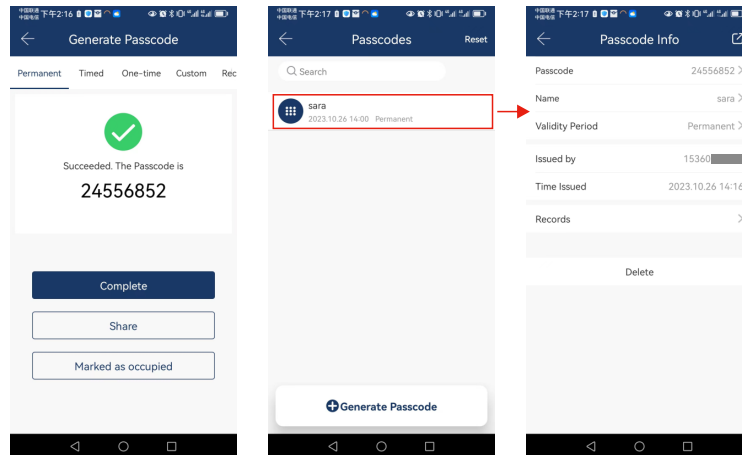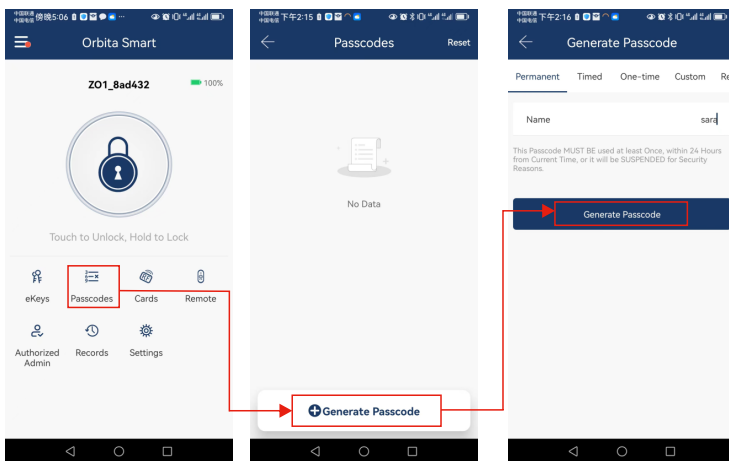
The admins can edit/delete/authorize/freeze an eKey by tapping it in the eKey list.

3-7-2. Passcodes You can set 5 types of passwords and share them with others.

⚠️ **After a password is created, it needs to be used to unlock the door once within 6 hours to take effect;**

Change Password by the Admin

Click on the created password to view the password details, modify the password/name/expiration date and other information, and also view theRecord of password operations.

Change Password by the Receiving User

After receiving a password, the admin needs to use the password to unlock the door once within 6 hours. To change the password,
the admin needs to input "*10#" using the keypad, followed by the received password and "#" after hearing a voice prompt saying "Please input the original password",
and followed by a password to be set and "#" after hearing a voice prompt saying "Please input a new password". The new password needs to be input twice. When completed, a voice prompt saying "Operation is successful" can be heard.
In this way, the originally received password is changed to the admin's password.

Delete Password

Open the App, tap "Password Management" > Tap the password to be deleted > Tap "Delete". (Note: This operation must be done next to the lock.)
Alternatively, you can input "*71#Admin Password#" using the keypad to delete all the unlocking passwords. (Do not delete the admin password).

3-7-3. Cards　You can set 3 types of cards. To set a card, you need to place your phone next to the lock, enable your phone's location and Bluetooth permissions,keep the connection between your phone and the lock and keep the phone screen on. Tap "Add Card"> Select a card type and enter the related information, and tap "OK". Swipe the magnetic card once at the lock sensor area according to the voice prompt.

Once a voice prompt saying "Adding card succeeded", tap the generated card to view and edit the card information.

To delete a card, tap and hold the card in the card list or tap the card and delete it on the new screen.
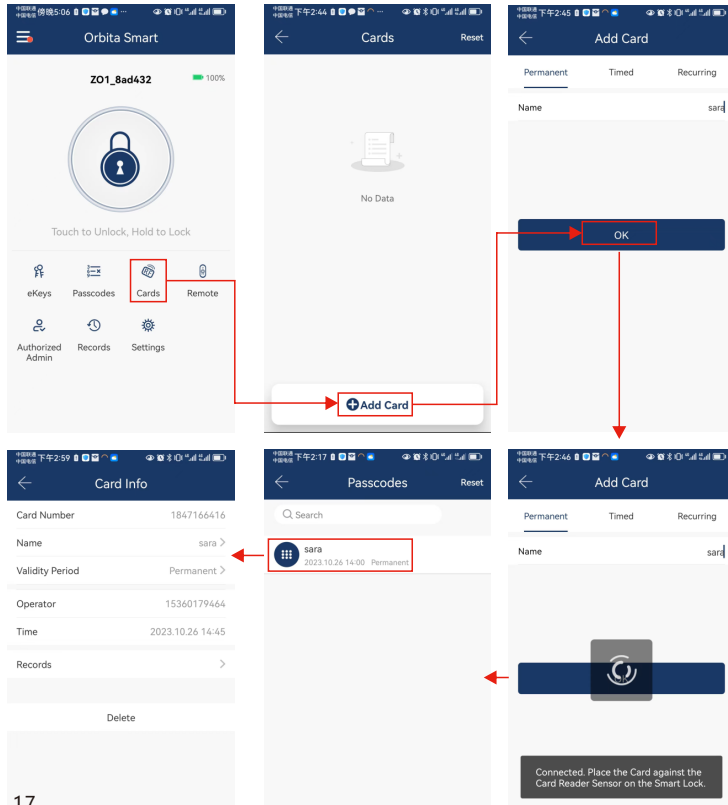
3-7-4. Remote　You can add 3 types of remote control control authentication information,which can be easily set according to App and voice prompts.
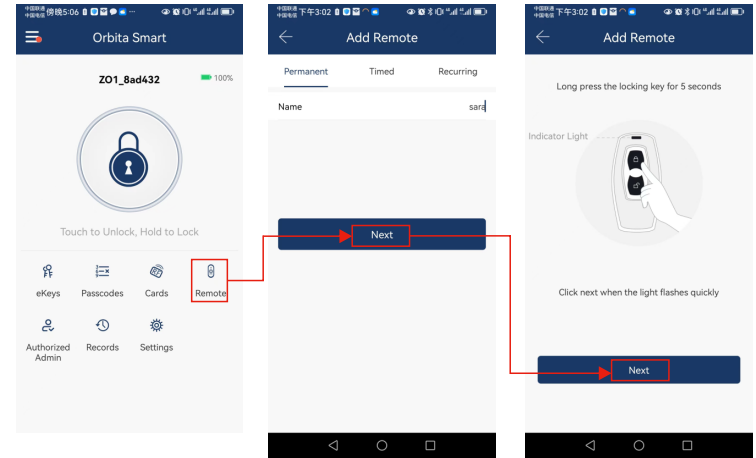

**3-7-5. Authorized Admin**　You can add 2 types of authorized admins: timed and permanent.
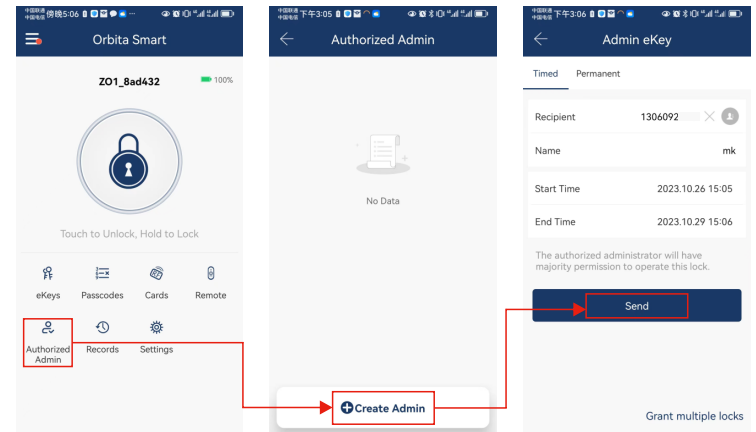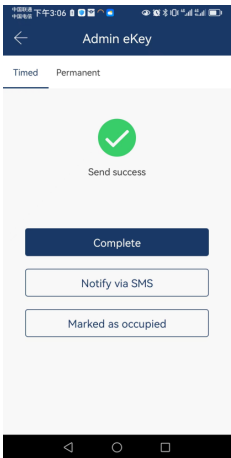
The authorized party must also be a registered user of the "Orbita Smart" App. After an authorization is created, the system generates an authorized admin information pending receiving.

Once the recipient receives the information, the red prompt disappears.

You can edit or delete an authorized admin by tapping it in the list of authorized admins.
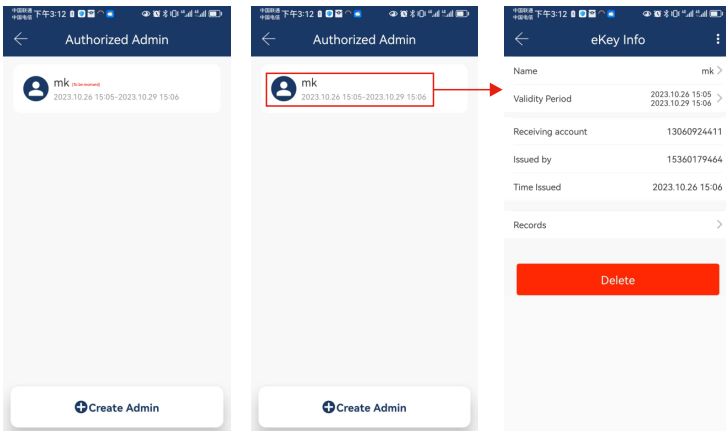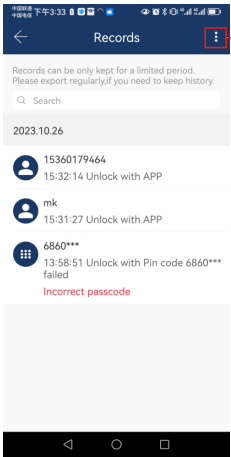

After the recipient receives authorization information, his/her identity as an "Authorized Admin" displays on the management screen of his/her App. An authorized admin has most of the same functional permissions as the Admin.
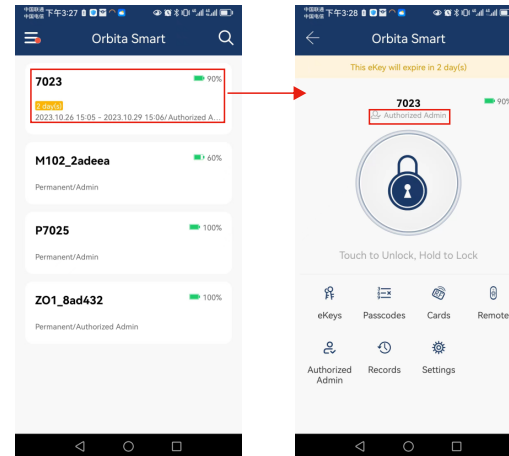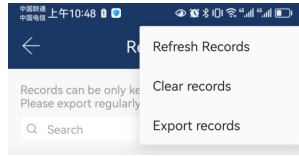

3-7-6. Records   You can view the unlocking records of the lock as shown below.
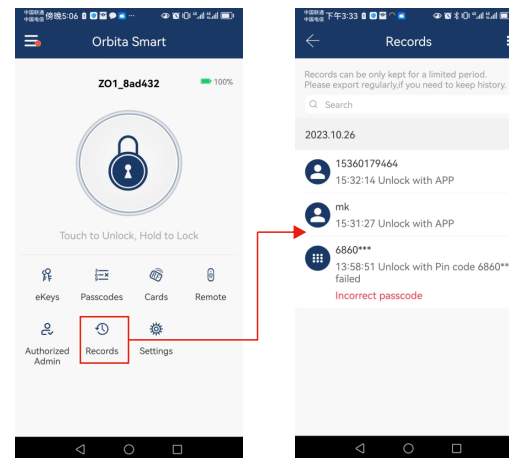
Tap to expand the menu

Read Records: This operation can be performed when the records are not displayed in time. You need to light up the phone screen and place the phone next to the lock during the operation.

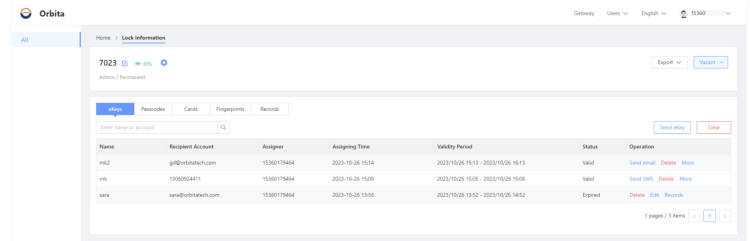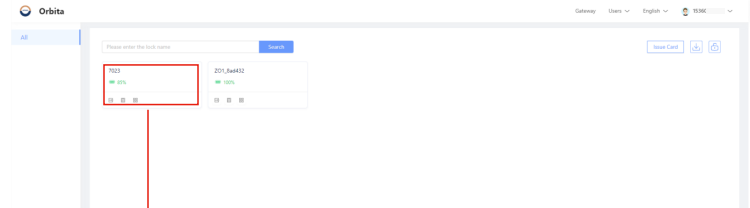**Clear Records:** You can clear all the records.

Export Records: You can export the records based on the time period.

3-7-7. Settings　You can make various settings for the lock and firmware update, as shown in the figure below.
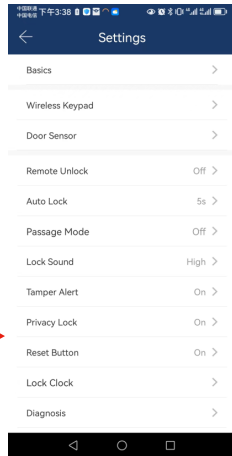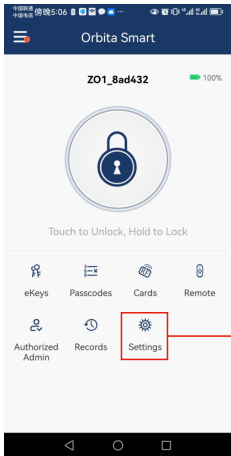
4.Web-based Login

Open the browser, and enter lock.orbitasmart.com, and then enter the user name and password (consistent with those on the App).

*Note: If the actual operations are inconsistent with this manual due to updates of product software and hardware, please contact customer service to obtain the latest user manual or download it at www.orbitalock.com.
We apologize for any inconvenience!