

# Specification

Model	SPL 107/50mm
Material	SUS304 Stainless steel
Unlocking	Fingerprint, Bluetooth
Software Versions	IOS、Android 4.3
USB Port	Mirco USB
Battery	600mAh lithium battery
Voltage	3.7V
User Storage	100 Fingerprints
Temperature Range	-20℃~70℃
Waterproof Rate	IP68
Bluetooth Version	BLE4.2

# Operation steps

## Register /login

### 1 Download the App

Search for "Doodle Smart" in the mobile app store or scan the QR code to download the app



### 2 Register



1. Click "Register", and the privacy policy page of The Doodle Smart platform will pop up. After reading and agreeing, enter the account registration page.
2. You can register by email or mobile phone number. The country/region will follow the Settings of the mobile system. You can also manually change the country/region(The country /region cannot be changed after registration is completed).Enter your mobile phone number or email address and click Obtain verification code.
3. After entering the received verification number, the page for setting a password is displayed. After setting a password as prompted, click Finish to complete the registration.

The registration process consists of three steps:

- Register:** Select a country (e.g., China) and enter a mobile number or email.
- Enter Verification Code:** Enter a 6-digit verification code received via SMS.
- Set Password:** Create a password (8-20 characters with letters and numbers) and confirm it.

## 2 Log In

The login screen allows users to enter their account details:

- Country selection (e.g., China).
- Account type selection: "Please enter your account" (Existing Account) or "Create a New Account".
- Mobile Number/Email input field.
- Password input field.
- Log In button.
- Forgot Password link.

1. If you already have an APP account, click "Log in with your Existing Account" under "Create a New Account" to enter the login page.
2. The system automatically determines the current country/region, or you can manually select the country/region.
3. Enter the mobile phone number or email address you used when registering, and after entering the password, you can log in to the system.
4. If you're on IOS, you can also log in using your Apple ID.
5. If you have a Line App account, you can also use the Line account to authorize login.

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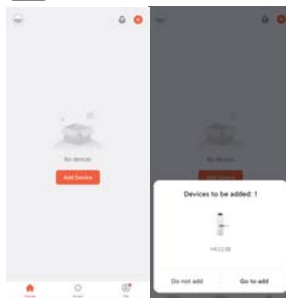
## Add smart lock

### 1 Activate the lock



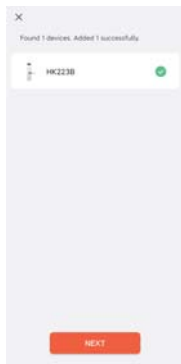
1. Turn on the bluetooth of the mobile phone, and insert the USB charging cable into the port to activate the device (the red light will turn on after insertion, and remove the USB charging cable after adding the lock successfully)

### 2 Add the lock



1. Click the "Add Device" button on the home page to enter the add page, and the "Discover device to be added" will pop up below. (If not, please check whether bluetooth is turned on or whether the lock is connected to other devices).
2. Click "Add" and then click "Next", the device and mobile phone will be automatically connected, click "Finish" to indicate successful binding. Enter the device page and click "long press to unlock" to unlock the lock.

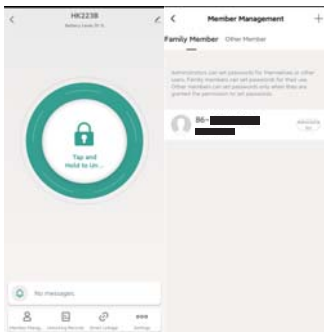
4



Added successfully  
HK223B  
Device added successfully

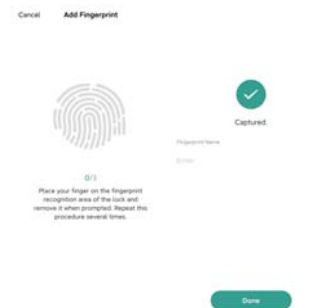
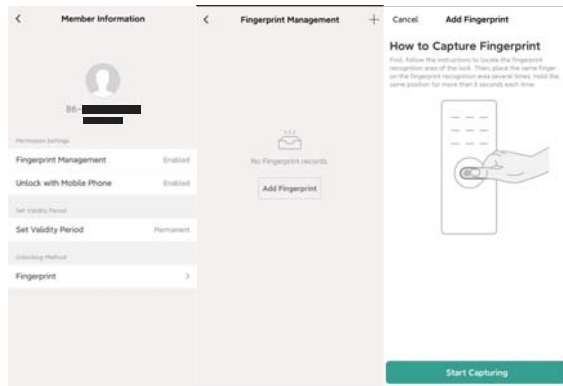


## Input Fingerprint



1. Enter the device page and click "Member Management" in the lower right corner.
2. Select a member whose fingerprint you want to add and click enter and select "Fingerprint"
3. Enter the fingerprint management page, click "Add Fingerprint" or "+" in the upper left (this + number can be used to add multiple fingerprints)
4. Then click "Start collecting".

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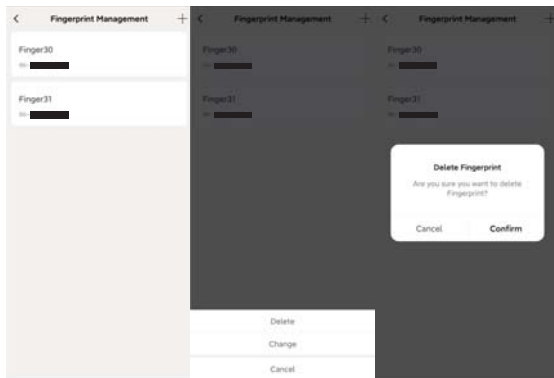


5. At this time, the green light on the fingerprint lock blinks for 10 seconds until the finger presses, and press the finger correctly for three consecutive times until "Collection succeeded" is displayed on the mobile phone page. You can choose to enter the user name of the fingerprint for subsequent fingerprint management.

Note: Only one ID can be entered for one finger.

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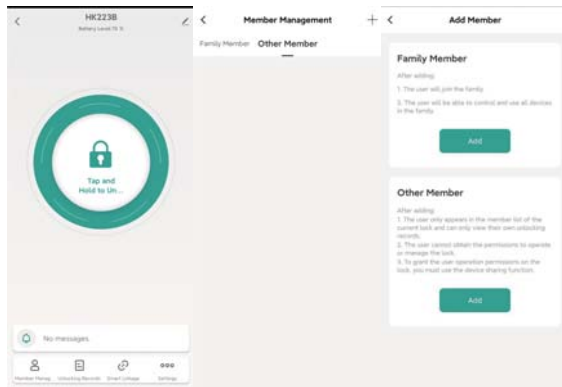
## Delete User



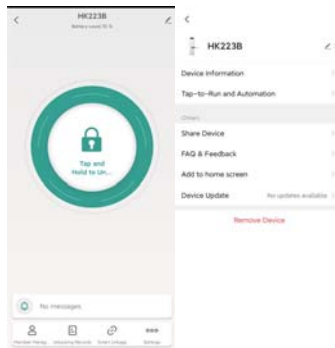
1. On the fingerprint management page, select the fingerprint that you want to delete and click.
2. Select Delete and click Confirm. If the indicator is green on, the fingerprint is deleted successfully.

## Add users

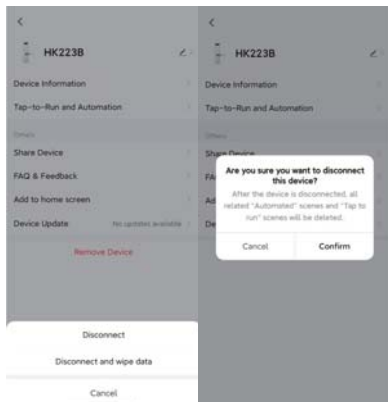
1. On the device page, choose Member Management in the lower left corner.
2. Select Add "Family Member" or "Other Members" (Note: After adding a family member, it cannot be deleted, but other members can be deleted)



## Unbind the administrator's phone

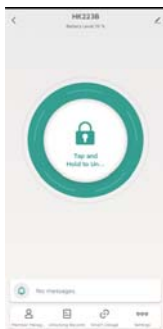


1. Enter the device page, tap the device symbol in the upper right corner to enter the setting page, and then click Remove Device.
2. Select Unbind or Unbind and delete data.
3. Select Confirm to unbind the device.



4. After the device is unbound, the device is restored to factory Settings, and all mobile phone users and fingerprint users are deleted.

## Add sharing

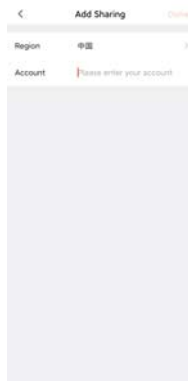
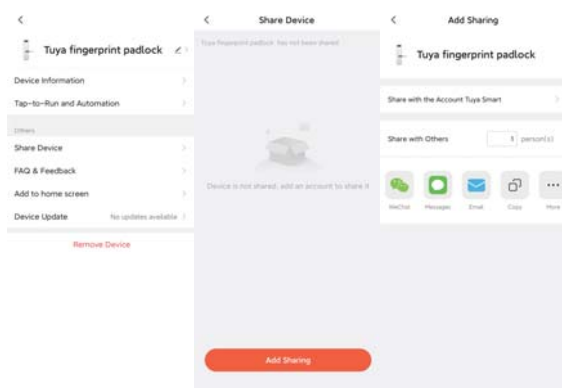


1. On the device control page, click the icon in the upper right corner to enter the setting page;

2. Find and click "Sharing Device" - "Add Sharing", If other parties already has the TuYa App account , then enter their TuYa account number (phone number / Email), click "Done" to share the device with others

3. Otherwise, You can share through third-party programs, so that the other party downloads the TuYa App and register.

Note: The other party who sharing with the device doesn't have administrative authority



# Attention Points

## Indicator Status Guide

- (1) Indicate the success of identification and unlock of the mobile phone, and the green light is on.
- (2) Fingerprint identification error, red light.
- (3) Charging status: the red light keeps on.
- (4) Full: The red light is off.
- (5) Low power state: after unlocking, the red light flashes continuously for 10 seconds
- (6) Emergency charging  
Please charge it as soon as possible after the warning of low battery. If the battery is too low to unlock, you can use the Mirco Usb of fingerprint lock for emergency charging
- (7) Note: It is recommended to fully charge the battery before first use

# **SPL107**

SUS304 stainless steel

Smart Padlock

## **User Guides**



**CE FC IP68**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

FCC ID: 2A3JO-SPL107