

Instructions of Bluetooth handle Lock

1st. Characteristic of production

APP Bluetooth Lock was a new production which was built on bluetooth 4.0 BLE technology. Fingerprint Recognition Algorithms and can use fingerprint and mob app to unlock it. When it Working with mob app, it can provide many functions like KeySend, lock using time of fingerprint, unlock record, Real-time monitoring and so on. These functions not only improve the intelligence and safety of Doorlock but also provide convenient to the users.

2nd. Product Parameters:

NO	Project	Technological Parameter
1	Functions	Unlock the door by using fingerprint and Mob App
2	Fingerprint sensor	Inductively electrified capacitive sensor
3	Fingerprint capacity	30
4	Percentage of accept the wrong fingerprint	≤0.001%
5	Percentage of deny the true fingerprint	≤0.1%
6	Performance of fingerprint sensor	recognize in 360 degree, self learning
7	Unlock record	Save at most 200 records, uploading the records when using the Mob app to unlock it
8	Unlock method	Fingerprint, Mob app (Mechanical key)
9	communicate method	Bluetooth 4.0BLE
10	APP support type	IOS, Android
11	APP support system	IOS7/Android 4.3 at least
12	Bluetooth standby type	Bluetooth communicate everytime, no need to wake up the lock
13	Language support	Chinese, English
14	Voice tips	Mob voice, Lock buzzer
15	Power supply type	4*AAA battery
16	Remote authorization	Support
17	Timeliness manage	Support
18	Emergency Power	USB 5V
19	Rated voltage of power supply	DC 6V
20	Low power warning	4.8V
21	Dynamic Electric current	250mA (Depend on Electric machinery and load)
22	Quiescent current	≤60uA
23	Unlock time	≤1.5s
24	Working temperature	-20℃—70℃

25	Working humidity	5%—95%RH
26	Main material	Kiraitte
27	Trim panel	Acrylic/ABS

3rd. Normally open function

After the lock has been opened by Mob app or fingerprint, press your registered finger to the sensor in 3 seconds. If your fingerprint was successfully accepted, the buzzer will answer with "ding" voice. Finally, the lock has been successfully changed to Normally open mode. In this mode, you can easily open the lock by press down it. Relieve this function: use the Mob app or fingerprint to open the lock again. Tips: How to avoid the suffer of lost? Just remember to relieve this function when ever you need.

4th. Warning function:

(1) Low power warning function
Although this production does not have low power monitoring function, when the battery is in low power status, everytime you handle the lock, it will answer "ding"—to tell you it has been in low power now and you should replace its battery as soon as possible. (If you do not replace the battery, lock also can open over 50 times).
(2) Fingerprint lock and warning function
If your fingerprint has been denied in 5 consecutive times, the sensor will be lock in 5min during this time any fingerprint will be denied.

5th. Unlock method

Unlock method	Step	Phenomenon
APP	(1) Open Mob bluetooth and APP	Choose your device
	(2) Click the open lock function on app page	Mob app will send the tip voice "dingdong", and the buzzer will "ding" and the green lighting will open, electric machine will turn on.
	(3) Press down the handle to open your door	After 3 seconds the lock will reset.
FingerPrint	(1) Press your registered finger on the fingerprint sensor	The background lighting of keyboard will appear the blue light.
	(2) Successfully accept your fingerprint	The buzzer will send the "ding" voice, the green lighting will be lighted, and electric machine will turn on.
	(3) Press down the handle to open your door	After 3 seconds the lock will reset.
Mechanical key	(1) Insert key	Some types can use
	(2) Turn the key to unlock	

6th. APP admin authorization settings:

Objective	Step	Phenomenon
1. System (Forced Initialization)	(1) Find the initialization button which is in Rear handle of the doorlock.	

setting	(2) Press button for 5 seconds ^①	When the buzzer send a long voice. The initialization was success. This production will recovery to the Factory statu, at this time any fingerprint can open it.
2. System setting	(1) Open Mob bluetooth and APP	Choose your device
	(2) Click the initialization button in app page	When the buzzer send a long voice. The initialization was success. This production will recovery to the Factory statu, at this time any fingerprint can open it.
3. APP admin authorization (new product or initialized product)	(1) Open the Mob bluetooth and app, enter into the search page of app.	Search page will appear the device, if it was near the device
	(2) click the lock photo in app page	when the Mob will send "dingdong" voice and app page turn to the main page of device list. It means your admin authorization has been given.
4. Increase fingerprint	(1) Open Mob bluetooth and APP	Choose your device
	(2) Click the fingerprint manage button in app page	APP enter into the fingerprint manage page
	(3) Click the increase fingerprint button in fingerprint manage page	APP enter into the increase page
	(4) File in the user Name and select the effective time	The default effective time of fingerprint was 5 years. User can modify it freely.
	(5) Press your finger on the fingerprint sensor	Press your finger, according to the tip voice or the words in app page
	(6) Setting result	APP page or voice will tip you success/false
5. Manage fingerprint	(1) Open Mob bluetooth and APP	Choose your device
	(2) Click the fingerprint manage button in app page	APP enter into the fingerprint manage page
	(3) Click the name or the number of fingerprint which you want to delete in fingerprint manage page	Click delete button

(4) Delete result	successful	APP page or voice will tip you
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7th. APP Instructions:

1. APP Download/ Register:
(1) APP Download/ Register: For ios system you need to search "Smartkey" in APP STORE. For Android you need to search "Smartkey" in Baidu AndroidMarket.
(2) Mob configuration request:
For ios system: The type must be iPhone 4S at least, and system version must be IOS7.0 at least.
For Android system: The system version must be 4.3 at least and support the bluetooth 4.0 BLE function. Other device you contact with your Manufacturer to get the support.

2. Register Login

(1) If you already have an account, just login.



① Use phone number to login
② Use email to login
(2) Register a new app account by using your phone number.
① Click the Register button
② Fill in your phone number as your account, write down your password for twice times and click the "VerifyCode" button to get your own verifycode wait for the message and fill in
③ When registration is complete app will return to the main page
(3) Register a new app account by using your email address.



① Click "creat by email address" in Register page
② Type your email address into first blank and fill your password for twice times
③ Open your mail, click the url address to complete the register.
3. Add admin authorization to your device: (This handle need both your phone and lock in a effective range to ensure the bluetooth communication)



① If your APP has no device Click the plus photo
② Click the menu button on top left to show the left navigation bar and then click the "add device" in
③ left navigation bar



⑦ Device authorization complete: click "confirm" to end the handle.
⑧ APP return to the device list page
⑨ Information list on top right will send a successful tip
4. Use app to unlock: (This handle need both your phone and lock in a effective range to ensure the bluetooth communication). Open both your APP and bluetooth, select your device to enter the device control page, click the open lock button, when ever you successfully open the lock, both APP and lock all will have voice to tip you.



① select your device to enter the device controller page
② click lock photo
③ Bluetooth begin to communicate
5. Modify your device name (no need bluetooth to communicate)



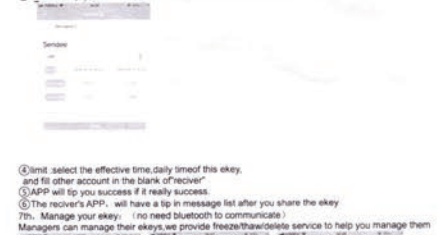
① select your device to enter the device controller page
② click the config button which was on the top right
③ click "rename" fields to modify it



④ file your new device name into the blank
⑤ Device Name has been modified in the control page
⑥ Device Name has been modified in main page
6. Share key to other user (no need bluetooth to communicate)
Send key means that, The manager of device can send the unlocking power to others but the receiver must use this app and already had an account.



⑦ click "send key" button
⑧ select key type on the top of this page, fill other account in the blank of "receiver"



④ limit select the effective time, daily time of this key, and fill other account in the blank of "receiver"
⑤ APP will tip you success if it really success.
⑥ The receiver's APP, will have a tip in message list after you share the key
7th. Manage your key: (no need bluetooth to communicate)
Managers can manage their keys, we provide freeze/thaw/delete service to help you manage them



① select your device to enter the device controller page
② click "key manage" button to enter the key manage page
③ select existing key in the list



④ click the handle which you want to do



- ① click the mail photo on the top right of main page
- ② click "System information"
- ③ APP display authorization (scan information)

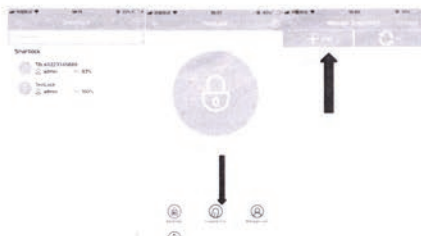
(2) APP unlocking record: (no need bluetooth to communicate)



- ① select your device to enter the device controller page
- ② click "Record"
- ③ select time as the condition to start search



- ④ This page will display all unlocking records of your device by using app (to unlock) either the manager or the receiver.
9. Add fingerprint (This handle need both your phone and lock in a effective range to ensure the bluetooth communication)



- ① select your device to enter the device controller page
- ② click "Fingerprint Manage"
- ③ click "Fingerprint Setting"
- ④ File in the username blank
- ⑤ select effective time
- ⑥ click "start fingerprint setting"



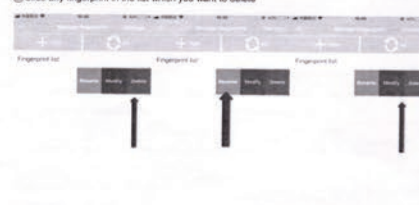
- ⑦ press your finger to the sensor according to the voice and photo tip



10. Manage fingerprint (This handle need both your phone and lock in a effective range to ensure the bluetooth communication)



- ① select your device to enter the device controller page
- ② click "Fingerprint"
- ③ Slide any fingerprint in the list which you want to delete



- ④ delete button
- ⑤ Modify fingerprint name button
- ⑥ Modify effective time button

11. System Setting: (no need bluetooth to communicate)



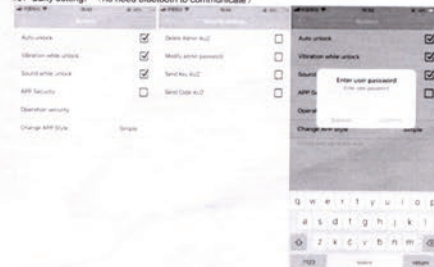
- ① Click the menu button on top left
- ② Then click "System" in left navigation bar

③ System setting page

Answer of Terminology:

- (1) "Start auto unlocking": After selection, if you at the main page of app, your bluetooth will auto searching for your device (if the device has been waked up) and open them.
- (2) "Auto login": After selection, you will no longer need to type your account and password when ever you open the app
- (3) "Logout": After click, APP will logout current Account.

13. Safety setting: (no need bluetooth to communicate)



click "APP security"
Security setting page
finally click "app security" and fill your password in blank

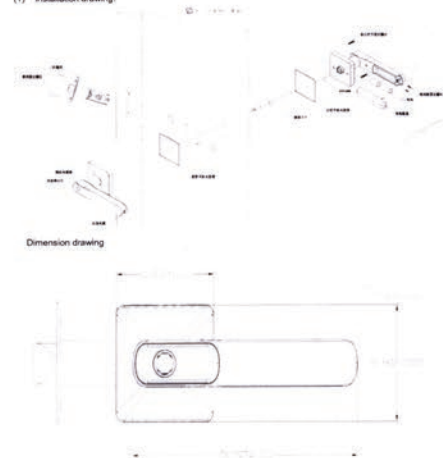
Answer of Terminology:

- (1) "Delete Admin Auz": After selection, when the device manager want to delete device by using app he/she must input the login password
- (2) "Modify admin password": After selection, when the device manager want to modify device's password by using app he/she must input the login password
- (3) "Send Key Auz": After selection, when the device manager want to share the key with others by using app he/she must input the login password
- (4) "Send Code Auz": After selection, when the device manager want to share device's dynamic password by using app he/she must input the login password

8th. Installation instructions:

Inner door lock installation:

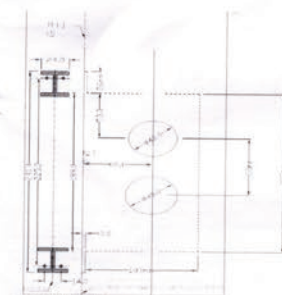
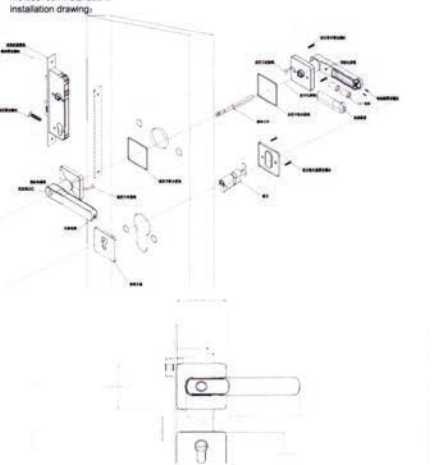
(1) installation drawing:



(1) bore hole drawing:



1. mortise lock installation:



3. Installation Notes:

- (1) Before installation, please check whether your door thickness is within the limit of the door thickness. The applicable door thickness of this lock is: 45-110mm.
- (2) When fixing the front and back locks, Don't pin down the internal connection line.
- (3) When installing and holding the front and back locks, please handle them lightly so as not to scratch or scratch the surface of the locks and affect the appearance.

9th. Daily Maintenance and Maintenance

1. Do not let the lock contact with corrosive substances, so as to avoid damaging the protective layer of the lock and affecting the gloss of the lock.
2. Handles is the key parts of door locks. Their flexibility directly affects the use of door locks. So do not hang anything on handles.
3. If the door is deformed, it will cause excessive friction between the combined inclined tongue and the door frame box, which can not be fully extended. At this time, the position of the door button plate should be adjusted.
4. If the battery is on a low power status please change it immediately.
5. Keep your key properly.
6. If the lock is not flexible or can not maintain the correct position, please contact the professionals to add mechanical lubricating oil to the lock core.
7. The lubricant is always kept in the transmission part of the lock body to keep its smooth transmission and prolong its service life. It is recommended to check once a year or half a year and check whether the fastening screw is loose to ensure its tightness.
8. During using the lock head, when the key insertion is not smooth regularly, a small amount of graphite powder or pencil powder can be put into the lock slot to ensure that the key insertion is smooth. But do not add any other oil for lubrication, in order to avoid grease sticking to the marble spring, leading to the lock can not be turned and can not open.

10th. Common problem	Reason	Solution
1. Although unlocking success. Blue light was lighting, still can not open the door?	① Lock installation problem ② Mechanical failure of lock body, broken core wire or not installed properly.	contact with the Professionals
2. Please check whether the key is correct?	① Wrong key ② Lock head hand and turn	Use true machinery key

3. Can not open the door while using fingerprint to unlock. Buzzer make "didi" voice for a short time and	① Wrong fingerprint	confirm your fingerprint or try again
4. Turn the front handle, the main lock tongue can not be completely go into	① The oil parts on the lock core are stuck with dust or the wiring of the front and rear lock body is not put properly to lock the lock core. ② The skyline of the door lock is loose.	contact with the Professionals
5. Unlocking success but Electric machinery do not work	① connect line is loosening	contact with the Professionals
6. The button did not respond	② Electric machinery broken down Battery was no power connect line is loosening	use external Power Supply connect line is loosening
7. Unlocking success electric machinery works But the front handle was idle and the door could not be open opened.	① Handles not returned when verifying a cell phone or password. ② The fastening screw of the fixed square axle is loose.	After the handles are put back, input your effective password or verifying your phonenumber contact with the Professionals
8. The door lock is often open and closed, and can not be used normally.	① Clutch assembly breakdown ② Loosening of fastening screw for fixed square axle.	Contact Professionals.