

1.1 Product Features



1.1.1 Product Introduction

Features: Exquisite appearance, reasonable structure, safe and reliable fingerprint lock. Waterproof grade IP66.

The width of the ultra-narrow lock surface is only 31MM.

Scope of application: broken bridge doors, sliding doors, sliding doors, plastic steel doors, interior doors, KFC doors, etc.

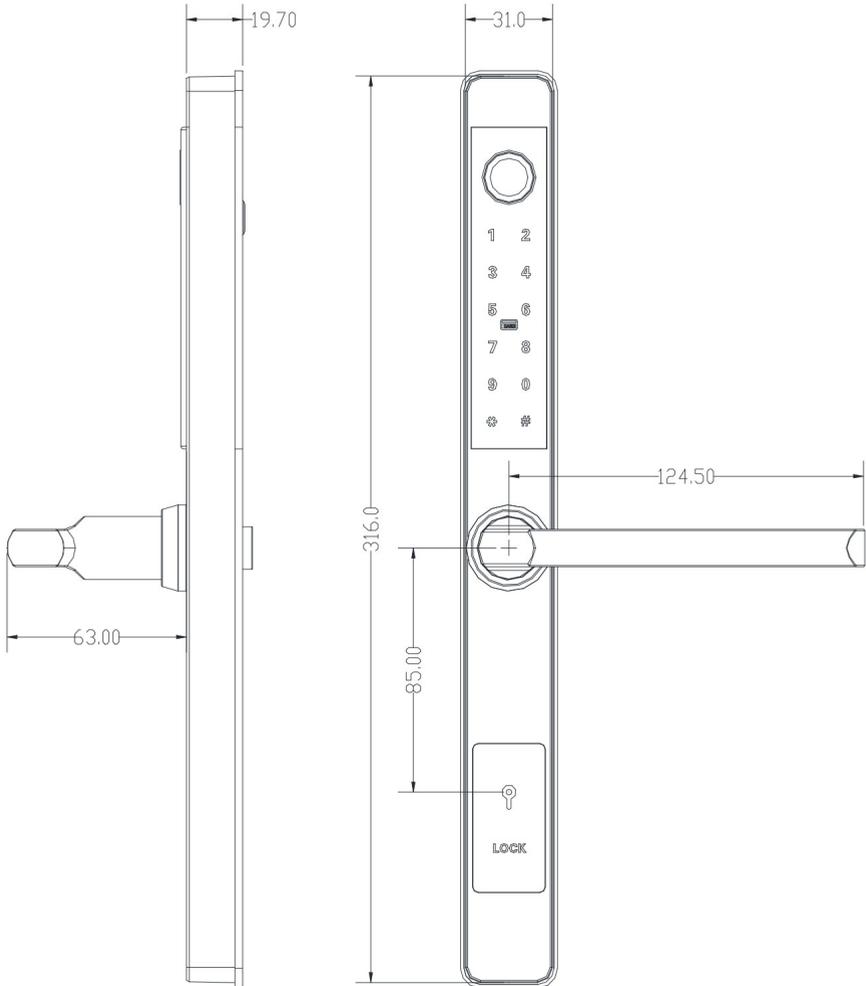
Lock body specifications: 2885, 3085, 3585...etc, 3585 multi-point and 2885/3585 double hook.

1.1.2 Product function introduction

Adopt international advanced biotechnology to ensure reliable quality; use 4 AAA batteries; handle can be

To prevent violent damage; 4 ways to open the door: fingerprint/password/card reading/mechanical key

1.2 尺寸



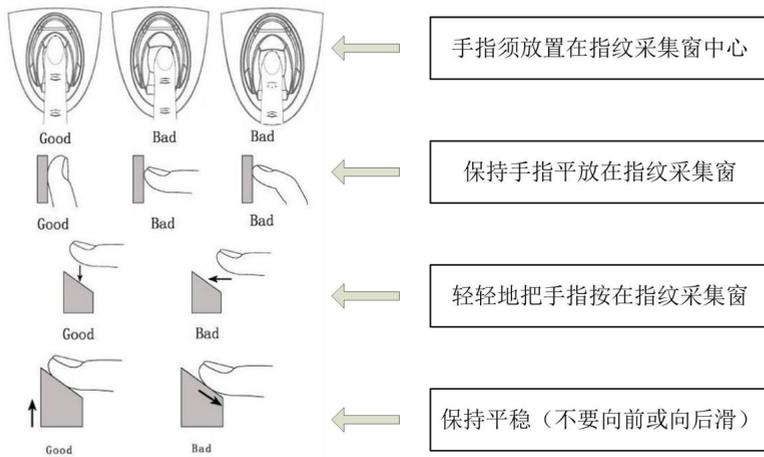
2 Operation use

2.1 How to place your fingers

Note: Please familiarize yourself with the correct finger placement

Put your finger on the fingerprint collection window with moderate force and try to lay it as flat as possible. The center of the fingerprint contains most of the image.

points information. The following diagram compares the correct and incorrect finger placement methods:



Anti-lock function

Both the inside and outside lifting handles can be locked, and at the same time, the function of the heaven and earth pole can be realized;

2.2 Performance parameters

Power supply	Bluetooth 5.0 BLE
mode of mobile phone system	Android 4.3/IOS7.0 and above
supported by Bluetooth standard	4 alkaline dry batteries
Low battery alarm Voltage	4.8V
voltage range Standby current	4.5~9V
Working current	85 microamps
	less than 200 mA

Unlock time	~1.5 seconds
Working temperature	-20~70 degrees Celsius
range Key type Password	s Capacitive touch buttons
quantity	Custom and permanent password 250
	Other dynamic passwords are unlimited
Supported Card Types	MIFARE M1 Card
Number of IC	1000 sheets
cards to unlock	App, password, fingerprint, IC card, mechanical key, remote control device
Fingerprint Head Type	Semiconductor fingerprint head
Fingerprint Capacity	200 pieces
Authenticity Rate (FAR)	<0.001%
Authenticity Rejection Rate (FRR)	<1.0%

1. Lock operation

Function	operate
1. Factory reset	Press and hold the reset button on the lock until you hear "Please enter the initialization password", Enter 000#, reset the lock to factory settings, clear all fingerprints, passwords, Card and mobile phone administrator.
2. Set the administrator password	When the administrator password is not set and the mobile phone administrator is not added, enter *12#123456# -> enter the administrator password# -> enter the same again password#. Note: This step does not need to be done when using the mobile app management.
3. Modify the administrator password	Select the lock on the App -> Click Settings -> Click "Admin Unlock" Password" -> Enter the new administrator password. Note: Must be operated on the lock edge.
	Enter *12#original administrator password#new administrator password# on the locked keyboard The same new administrator password #, modify the administrator password.
4. Add a mobile phone administrator	When the administrator password is not set and the mobile phone administrator is not added, touch the bright side board, hear "Please add a mobile (Bluetooth) administrator," on the app

	<p>Add door lock.</p> <p>After setting the administrator password or adding a mobile phone administrator, you can enter *83#administrator password# on the lock to make the lock enter the mode where mobile phone administrators can be added again. You can allow other App accounts to add the lock to become the lock. new administrator. Note: After adding an administrator to the new App account, the lock under the previous account will be automatically deleted, that is, only one first-level mobile phone administrator is allowed. In the App, select the lock that needs to be deleted by the phone administrator, click Settings, and then click Delete. Note: After the administrator is deleted on</p>
5. Delete phone administrator	<p>the App, the lock will be reset to factory settings, and all fingerprints, passwords, and cards previously added will be invalid. On the App, click "Fingerprint" -> Add a fingerprint -> Enter the fingerprint name and validity period -> Click Next -> Click to start adding -> According to the mobile phone screen and voice prompts, press the finger on the fingerprint collector as prompted</p>
6. Add fingerprint	<p>several times. Input *80# -> input administrator password# -> press your finger on the fingerprint reader several times according to the voice prompt. Note: The fingerprint added directly on the lock can be uploaded to the app through the "Upload fingerprint in the lock" function in the app for management.</p> <p style="text-align: center;">After adding fingerprints directly on the lock, you can continue to add other fingerprints, or you can press the * key or wait for the timeout to exit the adding mode. Click the</p>
7. Delete fingerprint	<p>fingerprint on the app -> click the fingerprint you want to delete -> click delete. Note: Must be operated on the lock edge.</p> <p>Enter *70#administrator password# on the lock to delete all fingerprints.</p>
8. Rename the fingerprint	<p>Click "Fingerprint" on the App -> Click the fingerprint to be renamed -> Click the name -> Enter a new name Click "Fingerprint" on the App -> Click the fingerprint whose validity period needs</p>
9. Modify the fingerprint validity period	<p>to be modified -> Click the validity period -> Enter the new validity period -> Click Save Note: After setting the validity period, the fingerprint can only be unlocked within the specified validity period. Must be operated on the lock edge.</p>

10. Add password	<p>Click "Get Password" on the App -> Select the password type: Custom -> Select the validity period -> Click to set a password -> Enter the password to be added Note: "Custom" password must be operated on the lock side Click " Get password" -> select the password type: permanent/period/single/clear/cycle -> click to get password Note: these types of passwords do not need to be operated on the lock side</p> <p style="text-align: center;">Clearing the password is used to delete all the passwords that have taken effect on the lock. Enter *80# on the lock -> enter the administrator password# -> enter the new password to be added# -> enter the same password# again. Note: To lock the directly added password, you can upload the password to the App for management in the App's Password Management -> Upload Password in the Lock. After the password is added directly on the lock, you can continue to add other passwords, or you can press the * key or wait for the timeout to exit the add mode.</p>
11. Delete password	<p>On the app, click "Password Management" -> click the password you want to delete -> click delete. Note: Must be operated on the lock edge. Enter *71#administrator password# on the lock to delete all unlock passwords (administrator passwords are not deleted). On the App, click "Password Management" -> click the password you want to modify -> click the password -> enter a new password. Note: Must be</p>
12. Change password	<p>operated on the lock edge. Enter *10#original password#new password#new password# on the lock to change the password (to change the administrator password, please use *12#) Click "Password Management" on the App -> click the password to be renamed -> click the name -> Enter a new name. On the App, click "Password Management" -> click the password whose validity period needs to be</p>
13. Rename password	<p>modified -> click the validity period -> enter a new validity period -> click Save. Note: Must be operated on the lock edge. Click "IC Card" on the App -> Add IC Card -></p>
14. Change the validity period of the password	<p>Enter the name and select the validity period -> Click OK, then swipe the card to add. Note: Must be operated on the lock edge.</p>
15. Add IC card	

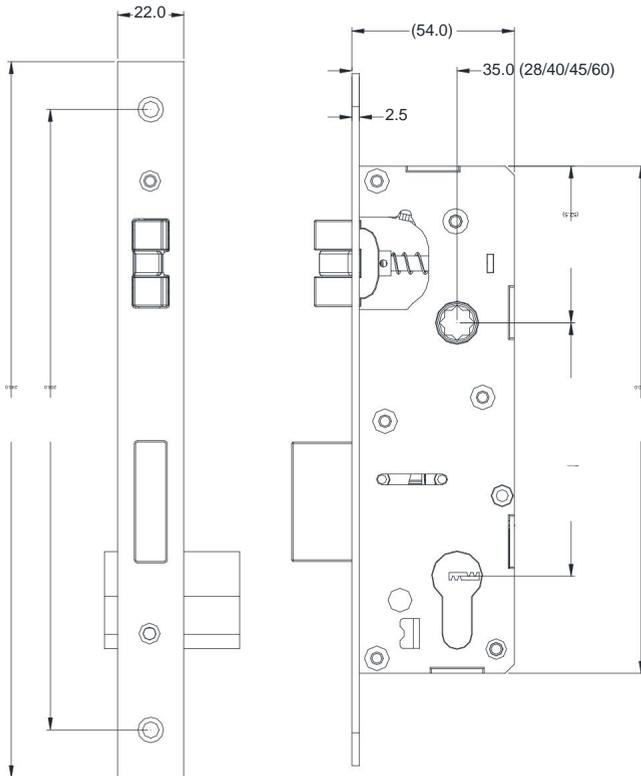
	<p>Enter *80# on the lock -> enter the administrator password#, then swipe the card to add. Note: To lock the directly added IC card, you can go to "IC card" -> Upload IC card in the lock in the App, upload the IC card to the App for management, and directly add the IC card after the lock is successful, you can continue to add other IC cards. You can also press the * key or wait for a timeout to exit the add mode. On the App, click "IC Card" -> click the card you</p>
16. Delete IC card	<p>want to delete -> click delete. Note: Must be operated on the lock edge.</p> <p>Enter *69#administrator password# on the lock to delete all IC cards.</p>
17. Rename ICC	<p>Click "IC Card" on the App -> click the IC card to be renamed -> click the name -> enter a new name. Click "IC Card" on the App -> click the IC card whose</p>
18. Modify the validity period of the IC card	<p>validity period needs to be modified -> click the validity period -> enter a new validity period -> click save. Note: Must be operated on the lock edge. On the App, click "Wireless Key" -> Add Wireless Key -> Enter the name and select the validity period -> Click Next, then long press the wireless key lock button</p>
19. Add wireless key	<p>for 5s to add. Click "Wireless Key" on the App -> Click the wireless key you want to delete -> Click Delete App to unlock: Click the lock icon on the App to unlock. Note: The lock must be unlocked on the side of the lock. When there is</p>
20. Delete wireless key	<p>a gateway, you can also unlock it remotely after enabling the remote unlocking function on the lock (remote unlocking is disabled by default). Touch to unlock:</p>
21. Unlock	<p>When the app has "touch to unlock" enabled, open the app and touch the door lock to unlock.</p> <p>IC card unlock: Put the added IC card in the card swiping area to unlock.</p> <p>Fingerprint unlock: Press the added finger on the fingerprint reader to unlock. Password unlock: Enter the unlock password on the password pad and press the # key to unlock.</p> <p>Note: During the password input process, you can press the * key to delete the last digit entered.</p>

	<p>The default unlock password is 123456 when no administrator is added to the entered number.</p> <p>Wireless key unlock: press the unlock key</p>
22. Lockout	After unlocking, it will be automatically locked after a 5-second timeout (except for temporary normally open). In normally open mode, long press the # button
23. Temporary normally open	to lock. After unlocking (before locking), input 123#, the lock is normally open, and the locked state will be restored after the time-out of unlocking again. Select the door lock on
24. View unlock record	the app and click the operation record to view it. Note: When there is no gateway, the unlock record of fingerprint/IC card/password can only be viewed after unlocking through the App. Click a fingerprint/IC card/password on the App, click the operation record, and
	view all the records of the fingerprint/IC card/password. You can add other numbers before and after entering the correct password on the lock. The total length of the virtual password
25. Dummy password	is 16 digits. If the unlock password is entered incorrectly 5 times in a row, the system will lock the password keyboard, and the locked state will be released after a 2-minute timeout.
26. Password input error protection	During the locking period, unlocking the App/fingerprint/IC card can unlock the keyboard. When the battery voltage is lower than 4.8V, touch the panel, the voice prompts "low battery, please replace the battery", and the screen backlight flashes rapidly for 1 second.
27. Low battery warning	Before unlocking with fingerprint/IC card/password, the voice prompt "low battery, please replace the battery", and then unlock. During the password input process, press the * button once to delete the last entered password number. After deleting all of them, if you are in the add mode, you can exit this mode. After all the entered numbers are deleted, press the * button again three times, the screen will turn off. The lock can be upgraded
28. *Keys	through the app. Click Settings -> Lock Upgrade on the App to upgrade the lock's new firmware. Note: Must be operated on the lock edge. The demo mode is turned off by default. When no administrator is added, enter 24679# in the lock to turn on the demo mode. After the demo mode is turned on, any fingerprint and password 123456 can be
29. Firmware upgrade	unlocked, set the administrator password or add
30. Demo Mode	

	<p>After adding the phone administrator, the demo mode is automatically closed.</p>
<p>31. Voice Switch</p>	<p>Chinese voice: Enter ""39#administrator password#1#" on the lock. English voice: Enter ""39#administrator password#2#" on the lock.</p> <p>Note: The administrator password is replaced with 123456 when no administrator is added.</p>
<p>32. Lock Sound</p>	<p>The lock sound can be turned off in the App. When the lock sound is turned off, when the button is touched, the screen will flash to remind the user that the button has been pressed.</p>

3 Installation steps diagram

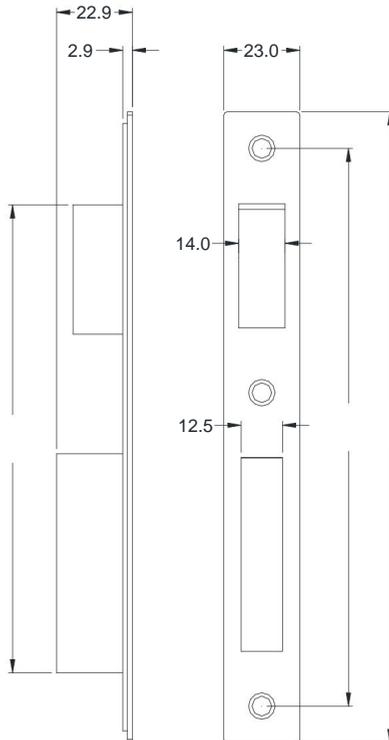
3.1 Dimensions of side bars and lock body



3.3 Opening diagram of door buckle box

The installation hole of the door buckle box is processed as shown in the figure, and its high and low positions are consistent with the door lock. The front and rear positions should make the door lock closed.

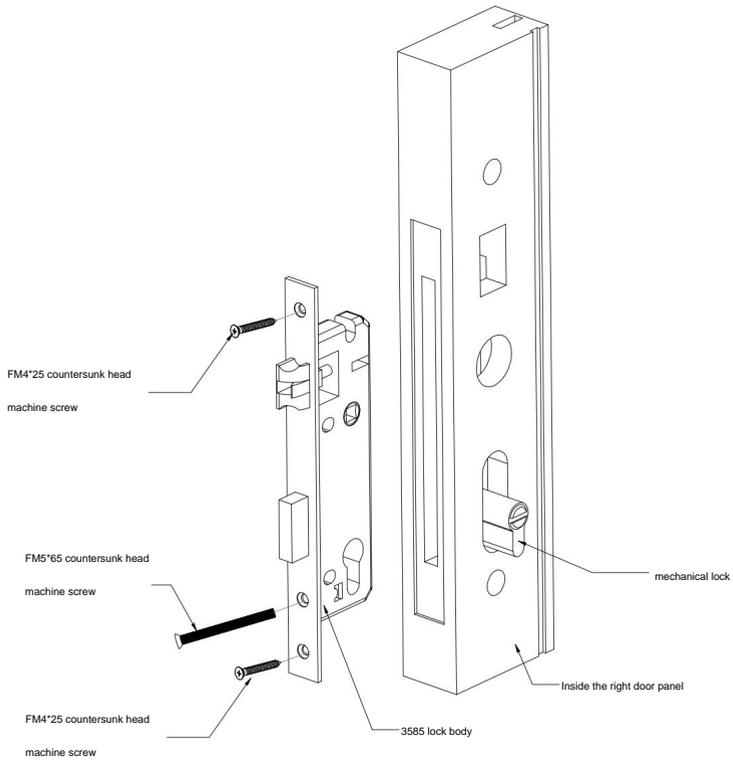
flush with the door frame.



3.5 Installation steps

3.5.1 Install the lock cylinder

After opening the hole according to the picture, hold the lock body so that the top of the lock tongue is installed in the hole in the door. Use 2 FA4*25 countersunk head tapping screws to fix the lock body. Hold the mechanical lock with the key hole facing the door, install it in the lock cylinder hole, fix it with FM5*65 machine screw, and then use the key to open the door to check whether it is normal.



3.5.2 Installing the front and rear panels

Before installing the lock body, please check whether the spring in the rear handle has fallen off, and place the square shaft of the handle in the lock cylinder. As shown in the picture, install the lock cylinder on the square shaft of the handle and fix it with 2 FM5*L machine screws.

