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Technical support



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SML-3101

Smart Lock



User manual

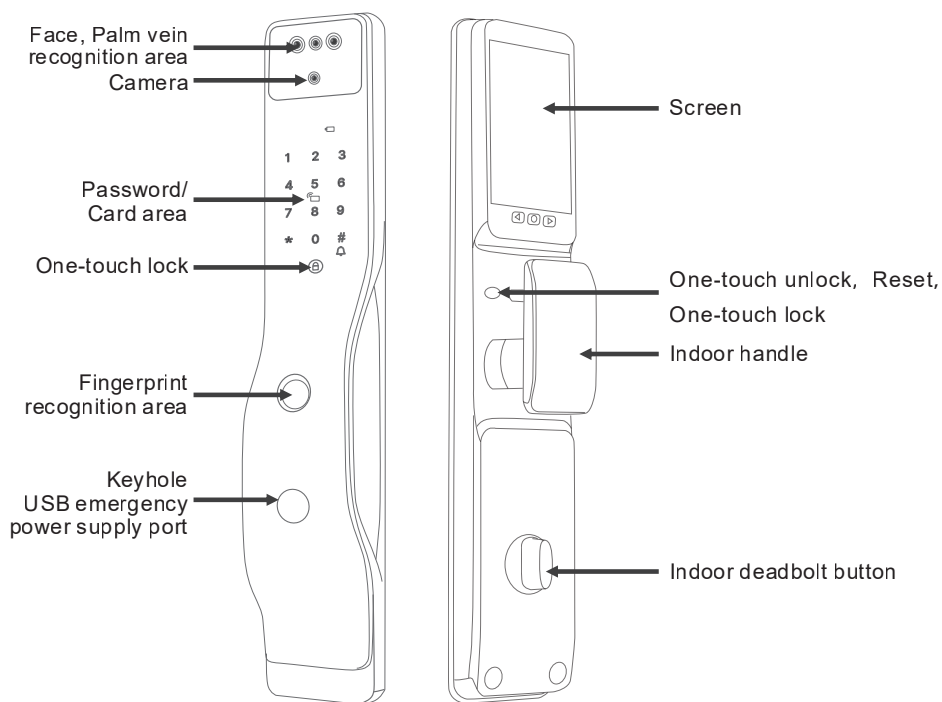
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Features

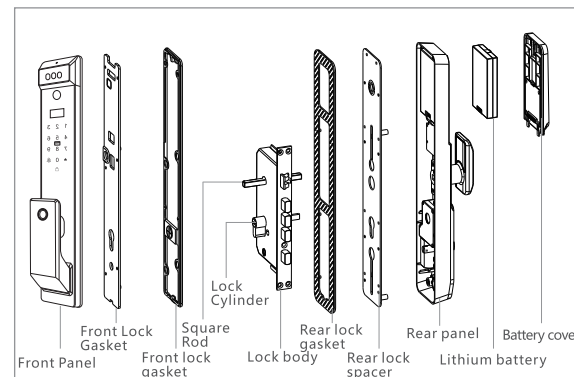
- 24-hour real-time monitoring
- 3D face recognition
- Two way voice intercom
- 2MP HD, 4.5" display
- Anti-prying alarm
- Auto-Lock: OFF/20S/40S/60S
- Multilingual: Chinese/ English/ Arabic/ Russian/ Portuguese/ Thai/ Spanish/ Vietnamese/ Indonesian
- Unrecognized face capture & alert

Functions and Settings

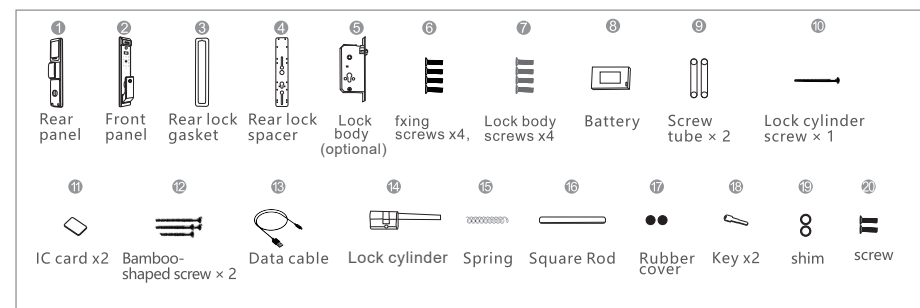
SML-3101



Door Lock Diagram



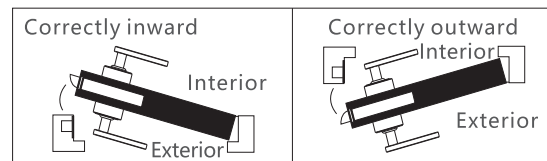
1. Accessories



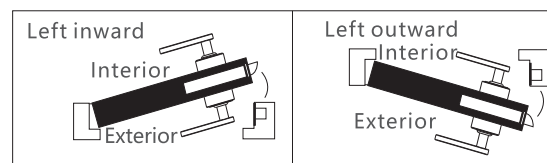
Door Lock Installation Guide

1. Confirm the Door Opening Direction

① Right Opening



② Left Opening



2. Change the Lock Body Direction



In the image, the latch direction is for left opening inward. If the door opening direction is opposite (refer to Figure 2 and Figure 3 for direction change)

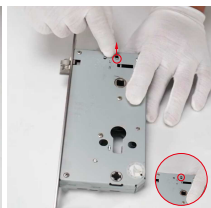


Figure 2
1. First, push the buckle upwards.

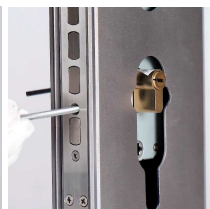


Figure 3
2. Rotate the latch downwards by 180°. Direction change completed.

3. Install the Lock Body and Lock Cylinder



1. Install the lock body and tighten the fixing screws at both ends of the lock body



2. Install the Lock Cylinder and tighten the Lock Cylinder fixing screws



3. Measure the length of the lock cylinder tail according to the door thickness (leave 18mm to 20mm), make a mark, and cut of the excess part.

4. Preparation Work for Installing Front and Back Locks



1. Pass the gasket through the screw and screw the smooth end of the screw tube



2. Install the screw tubes at both ends of the front lock



3. Open the battery box cover of the rear lock

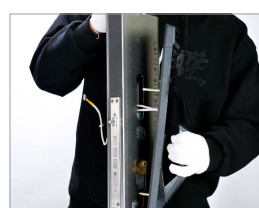


3. Install the rubber pad of the rear lock onto the rear lock spacer.

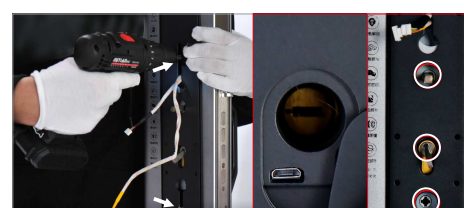


Cut the bamboo-shaped screws to length based on the door thickness, ensuring they do not exceed the outdoor door edge, and cut of the excess part.

5. Install the Front Plate



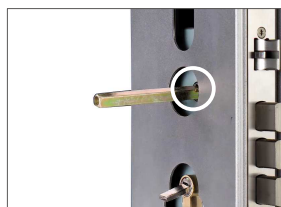
1. Install the front lock, threading the wire through the door hole to avoid damage.



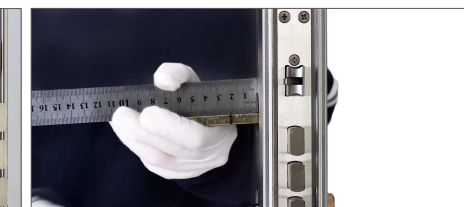
2. After installing the lock washer, align the front and rear locks, and tighten the bamboo-shaped screws

(Note: The keyhole must be centered. The spindle hole, lock cylinder tailpiece, and deadbolt knob must all be aligned with the center of the circular mark on the rear plate.)

6. Install the Rear Plate



1. Install the square rod and insert the dotted end into the square rod hole of the lock body



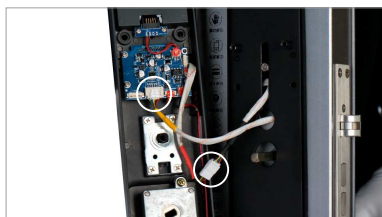
2. Measure from the door edge to the square rod, leaving a length of 20 mm to 30mm, make a mark, and cut of the excess part.



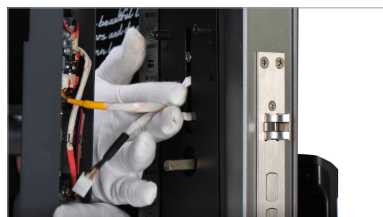
3. According to the thickness of the door, cut the length of the deadbolt tail, ensuring it does not exceed the door edge on the outside, make a mark, and cut of the excess part.



4. Put the spring in the square rod hole



5. Connect the power cord of the front lock and the cat's eye line.



6. Organize the excess wire and tuck it into the door gap.



7. Align the square rod and tail ruler to install the rear lock.



8. Tighten the fixing screws and insert the rubber plug.



9. Insert the battery and cover the battery compartment.



10. Press and hold the "on/off key" of the rear lock at the same time until the prompt sound, and press the "#" key on the front lock to restore the initialization, and the installation is complete

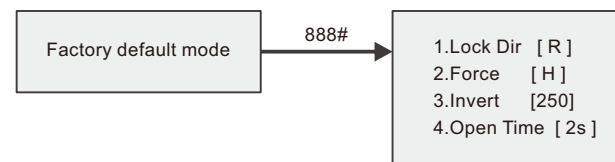
Operation

1. Factory default mode

- Any faces/fingerprints/Password/Card can open the lock.
- Press the lock and unlock buttons simultaneously for 3 seconds, the system will be set to factory default mode.

2. install menu

In factory default mode, Press touch keypad 888#, system will enter install menu.



Please press the corresponding number keys to set the functions:

- Lock direction : Left/Right
- Force : High/Mid/Low
- Invert time : 150ms-500ms
- Open Time : 2s-8s.

3. Language setting (In factory default mode)

Shortcut keys	language	Shortcut keys	language
7100#	Chinese	7108#	Indonesian
7101#	English	7109#	Brazilian Portuguese
7102#	Arabic (UI is English)	7110#	French
7103#	Russian	7111#	Hebrew
7104#	Portuguese	7112#	Turkish
7105#	Thai (UI is English)	7113#	Kazakh
7106#	Spanish	7114#	Uzbek
7107#	Vietnamese	7115#	German

4. System menu

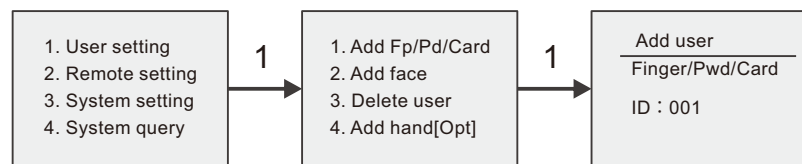
- Press touch keypad * + #, input administration information to enter system menu. (No need to input administration information in factory default mode) ;

System menu

1.Usersetting	1.AddFp/Pd/Card	
	2.Addface	
	3.Deleteuser	
	4.Addhand[Opt]	<i>Optionalfunction</i>
2.Remotesetting	1.Network	
3.Systemsetting	1.Datetime	
	2.Unlocksetting	1.Verify [S]
		2.AutoLock [OFF]
		3.AntiPry [ON]
		4.BodyInd [OFF]
		5. Loitering Alert [ON]
	3.Volume	1.Lowvolume
		2.Highvolume
		3.OFF
	4.Restore	
4.Systemquery		

5. User setting

• Add fingerprint, password, card

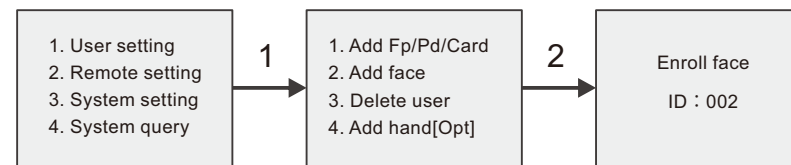


The ID to add is from 001. The first 3 users with ID form 001 to 003 is administrator. You can press # to switch to normal user ID if the first administrator is be added.

Voice broadcast : "Add administrator" (ID 001-003) or "Add normal user" (ID 004-250)

You can input fingerprint, password or card. You need input 6 times for fingerprint. The password length is 6-12.

• Add face



The ID to add is from 001. The first 3 users with ID form 001 to 003 is administrator. You can press # to switch to normal user ID if the first administrator is be added.

Voice broadcast : "Add administrator" (ID 001-003) or "Add normal user" (ID 004-250)

"Please face the camera", You need to capture face with five directions.

1) Face the camera first, voice broadcast: "Face up" when capture successfully.

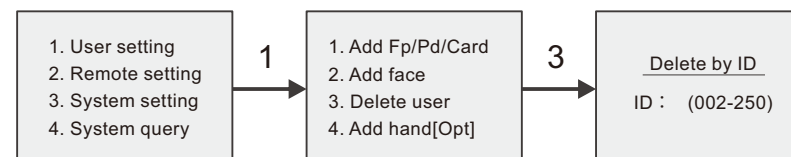
2) Turn your head slightly upwards , voice broadcast:"Face down"when capture successfully.

3) Turn your head slightly downwards , voice broadcast:"Face left"when capture successfully.

4) Turn your head slightly to the left , voice broadcast:"Face right"when capture successfully.

5) Turn your head slightly to the right , voice broadcast:"Succeed"when capture successfully.

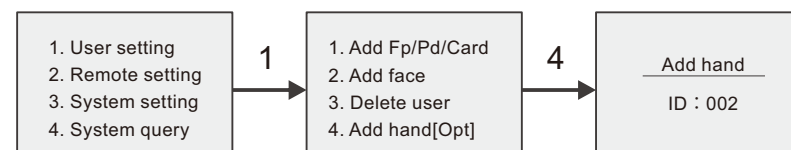
• Delete user



Voice broadcast : "Please input user ID"

Please input the user ID to delete, press # to confirm. If you need to delete the user with ID 001, you must reset factory default mode to do it.

• Add user – Palm (Optional function)



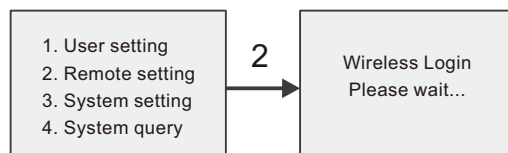
The ID to add is from 001. The first 3 users with ID form 001 to 003 is administrator. You can press # to switch to normal user ID if the first administrator is be added.

Voice broadcast : "Add administrator" (ID 001-003) or "Add normal user" (ID 004-250)

Aim your palm at the camera at a distance of about 10-30cm, and after successful capture, the voice will announce " Succeed"

6. Remote setting

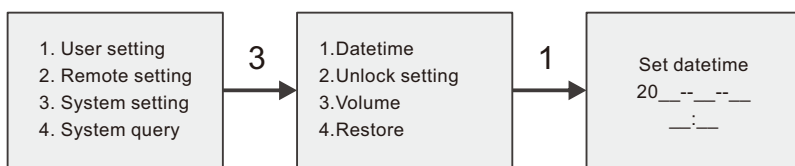
• Network setting



Please to do WIFI configuration in APP

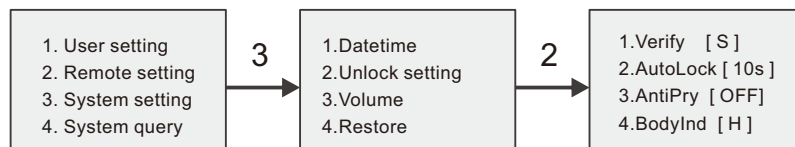
7. System setting

• Set data and time



Please input the current date and time

• Unlock setting



Please press the corresponding number keys to set the functions :

Verify : In double mode, the administration can unlock directly. For users, you must enter two user information to unlock.

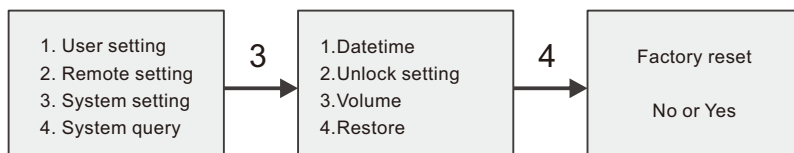
AutoLock : OFF/10s/20s/30s

AntiPry : Anti-prying alarm, ON/OFF.

BodyInd : Human body detection wake-up function OFF/Low/High.

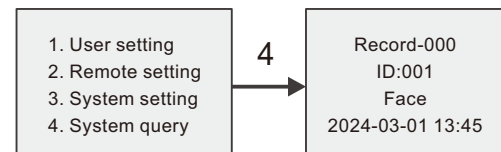
Loitering Alert: Detects if someone lingers outside your door for an extended period of time. ON/OFF.

• Restore default



Please press # to confirm the operation , or press * to cancel the operation.

8. System query



The door opening record is displayed starting from the latest record. Press 1 to view the previous item, and press 2 to view the next item.

9. Unlock and lock

- Unlock outside the door : Enter the authorized administrator and user to unlock. After the unlock is completed, voice broadcast "unlocked";
- Unlock inside the door: Press the "unlock button" on the lock inside the door to unlock , After the unlock is completed, voice broadcast "unlocked";
- Lock outside the door: Press "lock key" of the touch keyboard to lock. After the locking is completed, voice broadcast "locked";
- Unlock inside the door: Press the "lock button" on the lock inside the door to lock , After the locking is completed, voice broadcast "locked";
- Auto close : When the automatic locking function is activated, after executing the unlocking action, the door lock will automatically execute the locking action after a set time delay. After the locking is completed, voice broadcast "locked";.

10. Human body detect

- The effective distance for human body detection can be set from 0.8 meters to 1.5 meters. When a person approaches the effective recognition distance, the door lock wakes up and begins face recognition.
- When the door lock is installed in an area where people often pass by, it is recommended to turn off the human body detection function to prevent the door lock from being frequently awakened by unrelated personnel, resulting in excessive power consumption.

11. Low voltage prompt and external power supply

- When the voltage of the door lock battery is below 6.9V, the system will prompt "Please replace the battery" every time it wakes up. Please charge or replace the battery as soon as possible.
- When the door lock battery runs out and cannot be unlocked, emergency unlocking and charging can be carried out outside the door using a 5V USB power supply.
- Due to limited USB output current, if there is insufficient force and it cannot be successfully opened, emergency charging can be performed for a period of time before attempting to unlock.
- The external power interface is only used for emergency unlocking and emergency charging, please do not charge for a long time.
- After emergency unlocking, please remove the battery and charge it with a dedicated 5V charger. After fully charging, continue using it.

12. WI-FI Configuration

Please refer to the user guide of APP.

13. Trial and error alarm

Continuously inputting incorrect user information for more than 5 times, the system will lock for 90 seconds, and the system will not respond to any operation within 90 seconds.

14. Disguise password

For example, if you need to enter password 123456, you can enter 96581234562875 to add some disguise codes before and after the password, and then press # to confirm. You can enter up to 24 digits max.

APP Setup

1. On your mobile phone, scan the QR code below to download and install the app.



Android 5.0 / iOS 8.0 or higher

2. Register an account and login.
3. Tap "Add Device" -> "Camera & Lock" -> "Lock(Wi-Fi)".
4. Enter the name and password of your 2.4GHz Wi-Fi network and then tap "Next", follow the in-app guide to continue.
5. Select "EZ mode", and then tap "Next", follow the an-app guide to continue until completed.

NOTE: Before performing above, please do the network setting on the smart lock as below.

• Network setting

1. User setting
2. Remote setting
3. System setting
4. System query

2

Wireless Login
Please wait...

Please do WI-FI configuration in APP

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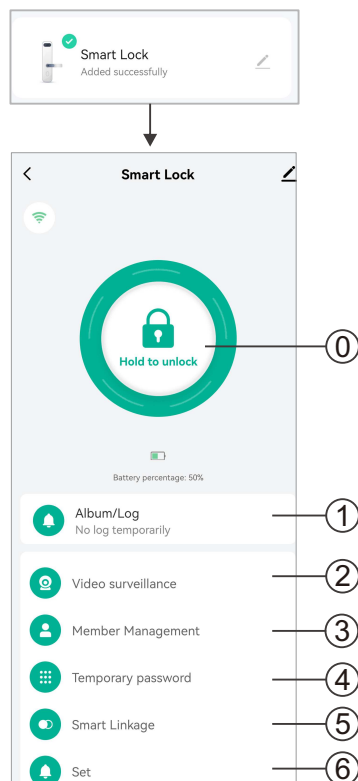
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Download user manual
using the link below



APP Operation

Smart lock added.



① Hold to unlock/lock

① View unlock record

② View outdoor via the camera

③ Add/delete users, fingerprint/ password/face settings

④ Set temporary password

⑤ Scene linkage

⑥ intercom/unlock/user permission settings

FCC WARNINGS

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

Parameters

Power Supply	DC 7.4V (Lithium battery, recommended capacity ≥4200mAh)
Low Voltage Warning	< 6.9V
Backup Power	5V (USB)
Standby Current	130μA (in deep sleep mode)
Operating Current	<2A (average)
Network	2.4G WiFi
Keypad	13-key capacitive touch (0-9, *,#, Lock)
Keypad Backlight	White LED
Display	Front display: 0.96-inch OLED (white) Rear display: 4.5-inch
Front Speaker	8Ω, 1W
Rear Speaker	8Ω, 1W
Max User Capacity	250 (Face + Palm Vein + Fingerprint + PIN + Card)
Administrators	10 (Fingerprint + PIN + Card)
Users	240 (Face + Palm Vein + Fingerprint + PIN + Card)
Face + Palm Vein Capacity	50
Fingerprint Capacity	100
Fingerprint Type	Semiconductor fingerprint sensor
Card Type	High-frequency Mifare card / Mobile NFC card
Card Detection Range	0-40mm
Human Detection	Radar sensor
Detection Range	Adjustable (approx. 0.8m~1.5m, depends on installation)
Face Recognition Type	3D
Face Recognition Range	Vertical angle ≤15° (height coverage: 1.2m~2.0m)
Operating Temperature	-20°C ~ 60°C
Operating Humidity	10% ~ 90% (non-condensing)
Storage Temperature	-30°C~ 70°C
ESD Protection	Contact discharge: ±8kV, Air discharge: ±15kV