



Smart Electronic Lock User Manual



YF1163MHK

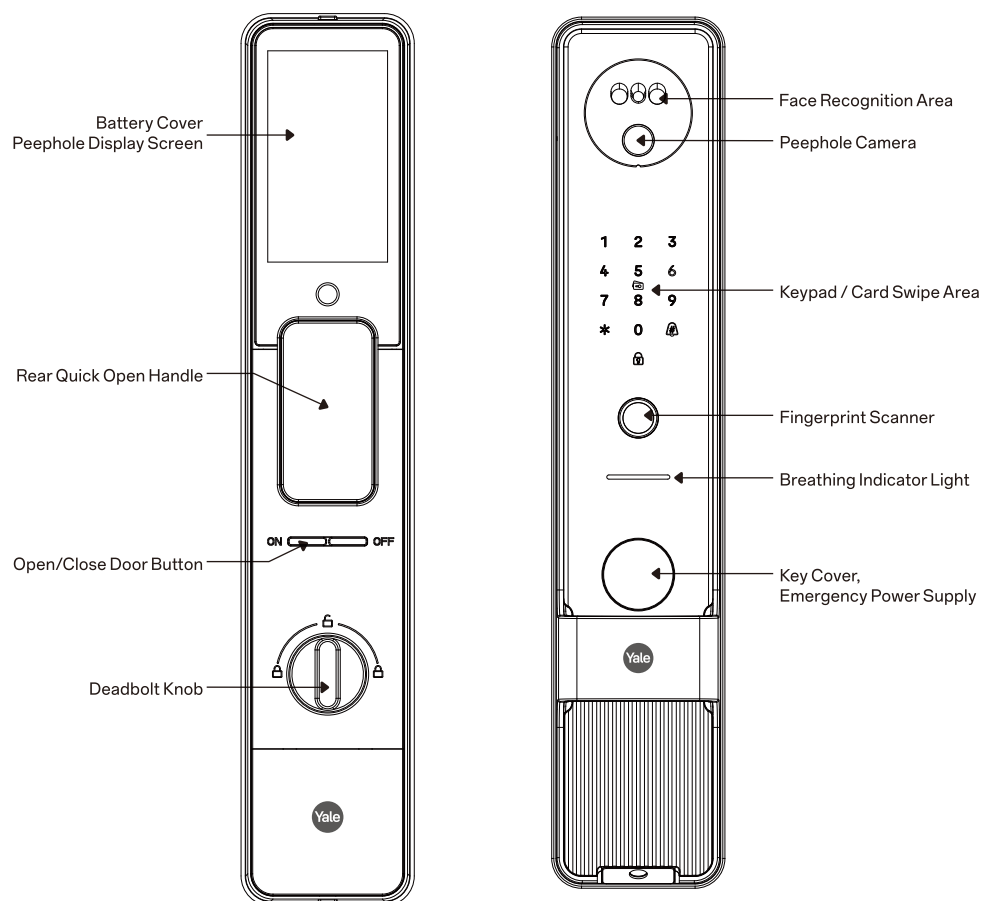
Part of ASSA ABLOY

* The functions and design of this product will be updated with improved quality without prior notice.





Schematic diagram of smart lock



Note

Depending on the model, this product is available in versions with face recognition, a video peephole, and fingerprint functions, or versions without these features.

Function and Operation

1. System Initialization State

- In the initial state, the door can be unlocked by any face, palm, fingerprint, password (123456), or card.
- To restore the device to its initial state, press and hold the lock/unlock button on the rear panel for 6 seconds, or select "Restore Factory Settings" from the menu.

2. Unlocking the Door

(1) Password unlock:

In standby mode, press any key to wake the device. Enter the password and press "#" to confirm. If verification succeeds, the door will unlock.

(2) Fingerprint unlock:

In standby mode, or while entering a password, place your finger on the fingerprint sensor. If verification succeeds, the door will unlock.

(3) Card unlock:

In standby mode, or while entering a password, hold the card near the card reader area. If verification succeeds, the door will unlock.

(4) Shoulder-surfing protection:

When entering the password, you may add random digits before or after the actual password, and the door will still unlock. The total length of the entered code must not exceed 16 digits.

Example: 123456

3. Function Keys

- Press [*] + [#] simultaneously to enter the main menu
- Press [*] key (Back)
- Press [#] key (Confirm)
- Press [lock icon] key to lock from outside
- Press [bell icon] doorbell key





4. Administrator Settings

There are 9 administrator slots available. Administrators can be registered using face, palm vein, fingerprint, card, or password. The first 9 IDs (001-009) are reserved for administrators. Regular users are assigned IDs 010-200.

Press "*" + "#" to enter the settings menu.

- Press "*" + "#". The system will prompt "Please enter administrator information". The default administrator password is (123456).
- After successful administrator verification, you will enter the system main interface.

At the system main interface, the voice prompt says:

1 User Management 2 Remote Management 3 System Settings 4 System Query

At the system main interface:

- Select number "1" to enter the User Management interface.

1 Add Administrator 2 Add Regular User 3 Delete User

4.1 Add Administrator

- Select number "1" to enter the Add Administrator interface. Enter an administrator ID (any number from 001-009), or simply press the Confirm key to use the default ID.
- Select number "1" to enroll administrator or user information (fingerprint, password, or card).

1 Enroll Fingerprint/Password/Card 2 Enroll Face 3 Enroll Palm Vein

To enroll password information: Enter a 6 to 12-digit password. You need to enter it twice, and the two entries must match.

To enroll card information: Hold the card 0-10mm away from the panel. A successful enrollment will prompt "Operation successful". If you swipe the card again, it will prompt "User already exists".

To enroll fingerprint information: Place your finger on the fingerprint module. When the voice prompt says "Please enter again", lift your finger and place it back on the fingerprint module five times until the system prompts "Operation successful". The fingerprint is now enrolled successfully.

- Select number "2" to enroll administrator or user information (face).

To enroll face information: Face the door lock's face module directly at a distance of 40-70mm. Follow the voice prompts: "Please turn your face slightly left, please turn your face slightly right, please look slightly up, please look slightly down". The face will be enrolled successfully.

- Select number "3" to start enrolling palm vein information. The infrared fill light will flash slowly.

Position your palm facing the palm vein recognition module and follow the machine prompts to enroll the palm vein information. Place your palm in front of the palm vein module and slowly move it closer from far to near until the system prompts "Operation successful". The palm vein is now enrolled successfully.

Note: Keep a distance of about 10-30 cm from the machine. If you are too close or too far away, the operation will fail.

4.2 Add Regular User

Select number "2" to enter the Add Regular User interface.

1 Enroll Fingerprint/Password/Card 2 Enroll Face 3 Enroll Palm Vein

In this interface, you can enroll regular users' face, palm vein, password, card, or fingerprint information. The operation is the same as adding an administrator.

Note: At least one administrator must be enrolled before you can enroll regular users.

4.3 Delete User

Select number "3" to enter the Delete User interface.

1 Delete by ID 2 Delete All

Delete by ID

- In this interface, enter "1". The voice prompt will say "Please enter the ID".
- Enter the user ID you want to delete, then press "#" to confirm. The voice prompt will say "Operation successful", and the system will delete the user information under this ID.

Note: The administrator currently logged in to the settings interface cannot be deleted.

Delete All Users

- In this interface, enter "3" and press "#" to confirm. The system will delete all users.

Note: The administrator currently logged in to the settings interface will not be deleted.

5. Remote Management

At the system main interface, the voice prompt says:

1 User Management 2 Remote Management 3 System Settings 4 System Query

Select number "2" to enter the Remote Management interface.

1 Add Remote User 2 Delete Remote User 3 Add Remote Control User 4 Delete Remote Control User

Select number "1" to enter the Add Remote User interface.

1 WIFI 2 Hotspot

Select number "1" or "2" and follow the prompts to add a network user.

Select number "2" to delete all remote users.

Select number "3". Use the supplied remote control and press any button to add a remote control user.

Select number "4" to delete all remote control users.

Note: The remote control accessory is not included. This interface is reserved for future use.





6. System Settings

At the system main interface, the voice prompt says:

1 User Management 2 Remote Management 3 System Settings 4 System Query

Select number "3" to enter the System Settings interface.

1 Time Settings 2 Language & Volume 3 Unlock Settings 4 Motion Sensing

6.1 Time Settings

In this interface, enter "1" to set the time. Enter the desired time and press "#" to confirm.

Note: Time format example: 2023 05 01 08:05 means May 1, 2023, 8:05. Use leading zeros where required.

6.2 Language & Volume

In this interface, enter "2" to set the language and volume.

1 Language [Chinese] 2 Volume [High]

Enter "1". The voice prompt says "Operation successful", and the system switches to English mode. Press "1" to toggle the language setting.

Enter "2" to set the volume to medium. Press "2" again to set the volume to low. Press "2" again to set the volume to mute. Press "2" to cycle through the volume settings.

Note: Mute shortcut: press "1#" and the voice announces "Mute on". Press "1#" again and the voice announces "Mute off".

6.3 Unlock Settings

In this interface, enter "3" to enter the Unlock Settings interface. The voice prompt says:

1 Auto Re-lock Time [2S] 2 Delayed Locking [Off] 3 Anti-tamper Alarm [Off] 4 Combined Unlock [Off]

Auto Re-lock Time:

Press "1" to set the auto re-lock time. The valid range is 2-9 seconds.

Delayed Locking:

Press "2" to set the delayed locking time. The available levels are: Off / 5 / 10 / 15 / 20 / 25 / 30 seconds.

Anti-tamper Alarm:

Press "3" to turn the anti-tamper alarm function on or off.

Combined Unlock:

Press "4" to enable combined unlock mode.

Note: When combined unlock is enabled, two regular users must pass verification before the door can be opened, except for administrators.

6.4 Motion Sensing

In this interface, enter "4" to enter the Motion Sensing settings interface.

1 Motion Sensing [Near] 2 Loitering Capture [Off] 3 Loitering Alarm [Off]

Motion Sensing Settings

Press "1" to set the human detection function. Options: Off, Near, Far.

Loitering Capture Settings

Press "2" to enable or disable the loitering capture function.

When loitering capture is enabled, after a person is detected and the device wakes up, if the 3D module does not detect a human face, the peephole camera module will be activated to take photos. Some 3D modules may not support this feature; all modules with a peephole camera do. This function is disabled by default, as taking photos consumes more power. When it is disabled, the peephole camera will not be activated to take photos.

Loitering Alarm Settings

Press "3" to enable or disable the loitering alarm function.

When the loitering alarm is enabled, if the system accumulates 3 incorrect attempts, it will issue an alarm. When the count reaches 5, the system will lock for 90 seconds. During these 90 seconds, no user can unlock the door. If the loitering alarm is disabled, the system's incorrect attempt alarm will be turned off.

7. System Query

In the System Query interface, select "1" to view the operation log.

Display: 1 Query in Order 2 Query by Date 3 Clear Log

Query in Order:

In the door opening log query interface, press "1", then use "2" and "8" to browse pages up and down.

Query by Date:

In the log query interface, press "2", then enter the date of the logs you want to query.

Display: Please enter the time

20-- Year -- Month -- Day

Clear Log:

Press "3", then press "#" to confirm. All operation logs will be cleared.

7.1 Storage Information

In the System Query interface, press "2".

Display: 1 Administrator Information 2 User Information

Administrator Information:

Display: Fingerprint: 000 Card: 000 Password: 000 Total: 000 Remaining: 009

User Information:

Display: Fingerprint: 000 Card: 000 Password: 000 Total: 000 Remaining: 191

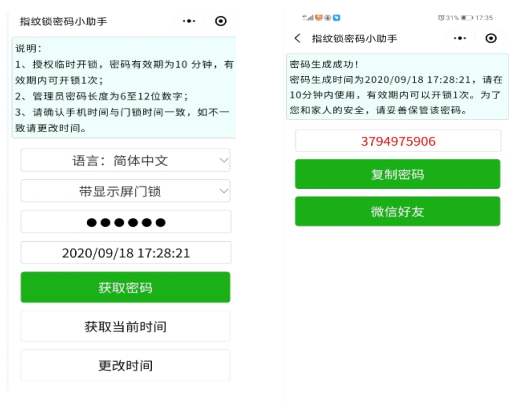
7.3 Restore Factory Settings

In this interface, press "3" and then press "#" to confirm. The system will perform initialization.



8. Unlocking via WeChat Mini Program Temporary Password

- (1) Open WeChat and tap "Discover" at the bottom.
- (2) Tap "Mini Programs", then search for "Fingerprint Lock Password".
- (3) Open the "Fingerprint Lock Password" mini program, and select whether your lock has a display screen.
- (4) Enter the administrator password you have already set (see image below).

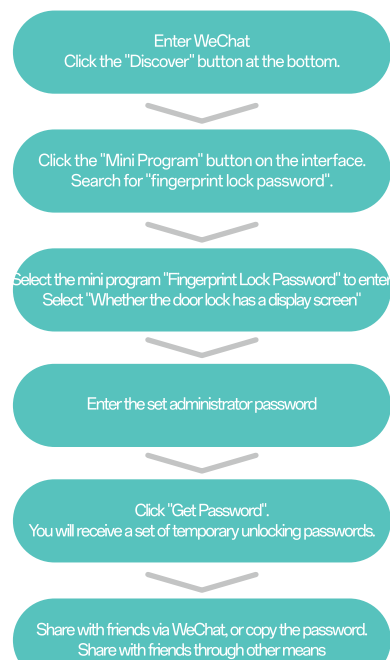


- (5) Tap "Get Password" to generate an unlock password (see image on the right). You can share it with friends via WeChat, or copy the password and send it through other methods.

Notes:

1. The lock must have an administrator password set in advance. A regular user password does not have permission to generate a WeChat unlock password.
2. Make sure the lock time matches your phone time. If the lock time is incorrect, use "Change Time" and enter the current lock time to ensure the password works.
3. The WeChat temporary password is valid for 10 minutes and expires after a single use.
4. You must correctly select whether the lock has a display screen. If the wrong option is selected, the generated password will be invalid.

Function and Operation



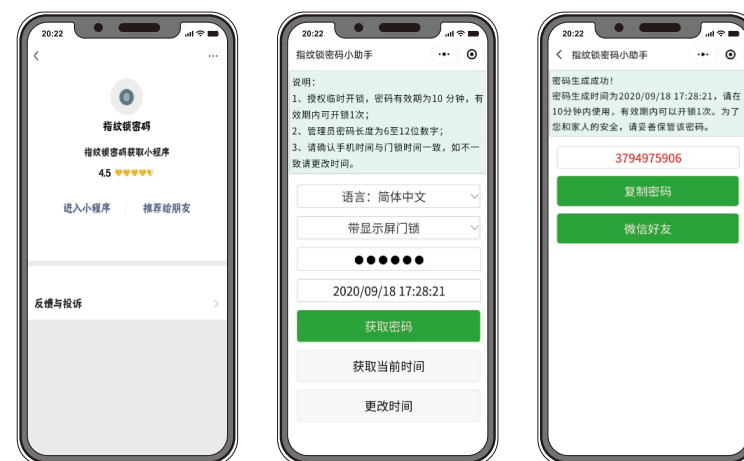
(The password is valid for 10 minutes and can only unlock once.)



Scan the WeChat mini program
Share key to unlock

Note

1. An administrator password needs to be preset on the door lock, and user passwords do not have the permission to unlock via WeChat;
2. Please pay attention to the door lock time and ensure it is consistent with that on your mobile phone; If the door lock time is incorrect, you can select "Change Time" and input the correct time for the door lock to ensure successful unlocking;
3. It is necessary to confirm and select whether the door lock comes with a display screen. If the wrong choice is made, the generated door-opening password will be invalid.





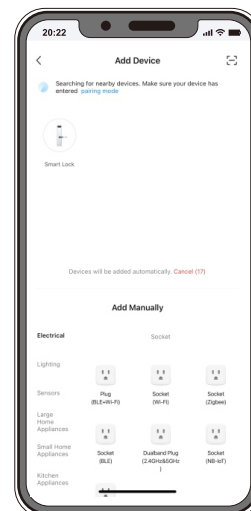
Tuya APP Operation Instructions

Step 1

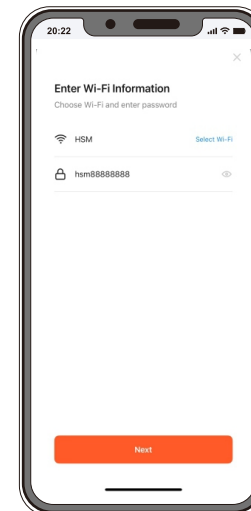
Scan to Download the Tuya App



Download Tuya APP



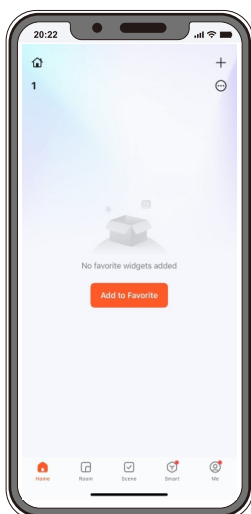
3. Connect your phone to WiFi and turn on Bluetooth , Auto-Scan for Devices.



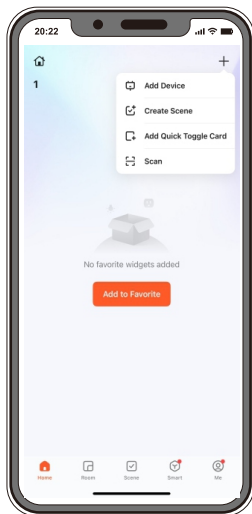
4. **Connect to WiFi →**
Enter password ,
Click the 'Next' button.

Step 2

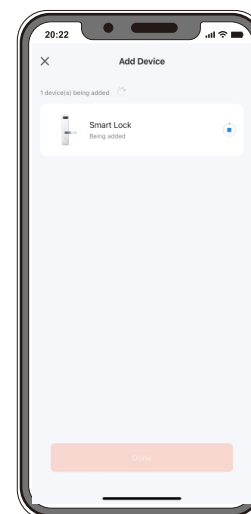
Open the Type App



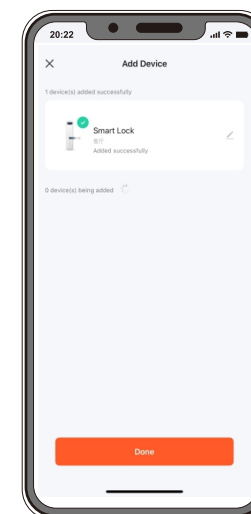
1. Tap the '+' in the top-right corner.



2. Tap 'Add Device'.



5. **Auto-connect to the network.**



6. **Device connected successfully.**





Maintenance and Management



1. Routine Maintenance of the Smart Door Lock

The surface of the door lock should be regularly maintained to keep it clean and looking like new. Wipe the surface with a soft, clean dry cloth. Do not use water, alcohol, or acidic chemical cleaners. Periodically have a professional apply lubricating oil or grease to the moving parts of the door lock, and replace any heavily worn components.



2. Use of USB Emergency Power Supply

When the door lock battery voltage is too low to unlock, you can use an external emergency power supply to power the lock and unlock it. Note: After unlocking, please remove the batteries and charge them as soon as possible. The USB emergency power supply is for emergency use only. Do not use it when the batteries still have power.



3. Door Deformation Caused by External Force

If the door becomes deformed, the friction between the latch bolt and the strike plate may become excessive, preventing the latch from fully extending or even popping out. In this case, the position of the strike plate should be adjusted.

After-sales service



1. Product Quality Commitment

All products launched by our company have passed various tests conducted by our professional personnel. Any usage issues caused by product quality during use or installation will be resolved by our company.

2. The warranty period for the fully automatic smart lock is one year.

3. During the warranty period, repair will be charged if any of the following situations occur:

- (1) Malfunctions or damage caused by improper operation or improper repair by the user;
- (2) Malfunctions or damage caused by transportation, movement, or dropping after purchase;
- (3) Malfunctions or damage caused by other unavoidable external factors;
- (4) Damage caused by using a power supply or voltage other than the specified one;
- (5) Damage caused by human factors, improper use, or force majeure during the free warranty period.

4. All products are eligible for lifetime repair service after sale.

Product Warranty Card

Product Model			
Installation Date		Purchase Date	
Customer Phone		Customer Name	
Customer Address			
Point of Sale			

Thank you for using our products:

When requesting repairs during the warranty period, you must present this warranty card and the invoice or receipt. No replacement will be issued if this warranty card is lost, so please keep it in a safe place.

If any problems occur with the product you purchased, please return the product to your dealer or contact us directly.

Fault Description:

