



Smart Door Lock

Operation Instruction Manual



Please read this manual carefully before use and keep it for future reference.

Download & Install the APP

Factory Default Mode

- Any 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.

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

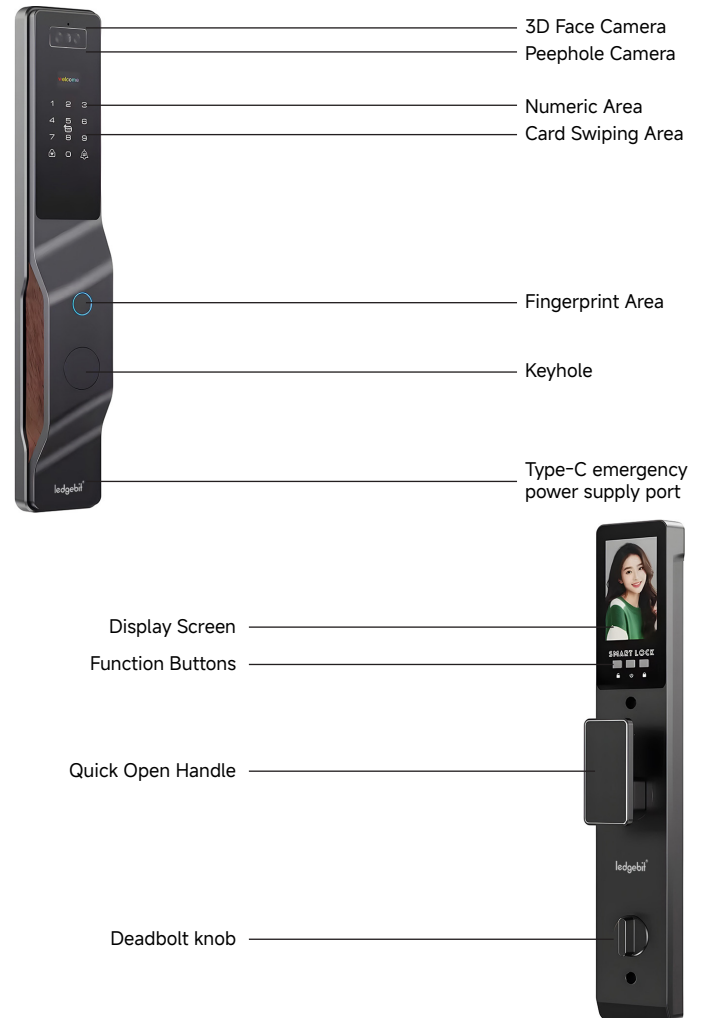
Language setting (In factory default mode)

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

Parameters

Power	DC 7.4V
Low power alarm	<6.9V
Emergency supply	5V (TYPE-C USB)
Quiescent current	<110uA (excluding camera)
Network	2.4G WiFi
Motor	8VDC
Keypad	Touch key
Backlight	White
Front display	0.96 OLED
Front speaker	8R1W
Back speaker	8R1W
User capacity	250 (Face + Palm + Fingerprint + Password + Card)
Face & Palm capacity	50
Fingerprint capacity	100
Card type	Mifare / NFC
Card reading distance	0-40mm
Human body sensing	Radar, distance 0.8m-2.0m
Facial recognition range	Adjustable from 0.8m to 1.5m
Working temperature	-20°C ~ 60°C
Working humidity	10% ~ 90%, no condensation
Storage temperature	-30°C ~ 70°C
Anti-static ability	Contact discharge ±8kV, Air discharge ±15kV

Product Overview



Door Lock Setup Tutorial

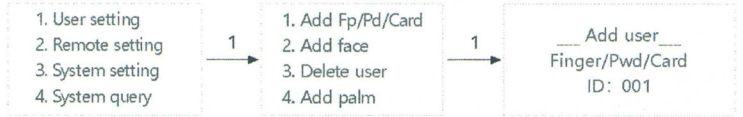
System menu

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

System menu options			
User setting	Add Fp/Pd/Card		
	Add face		
	Delete user		
	Add palm (Optional)	Optional	
Remote setting			
System setting	Datetime		
	Unlock setting	Verify	
		Auto Lock	
		AntiPry	
		BodyInd	
		StayAlrt	
	Det Lock (Optional)		
Volume			
Restore			
System query			

User setting

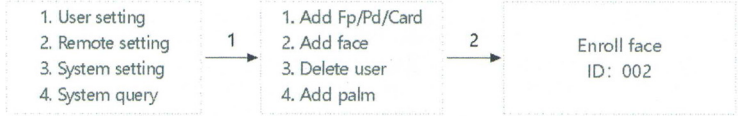
Add fingerprint, password, card



The ID to add is from 001. The first 3 users (001-003) are administrators. Press # to switch to normal user ID if the first administrator is added.

Voice broadcast: "Add administrator" (ID 001-003) & "Add normal user" (ID 004-250). You can input fingerprint, password, or card. Fingerprint requires 6 scans. Password length: 6-12 digits.

Add face

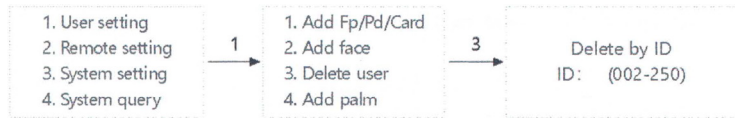


The ID to add is from 001. The first 3 users with ID form 001 to 003 is administrator. You can press # to switch to normal user ID if the first administrator is added.

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.

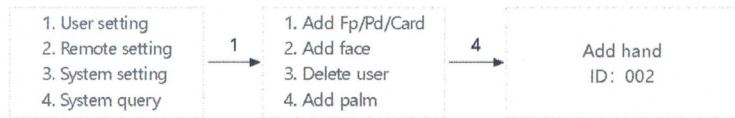
Delete User



Voice Prompt: "Please input user ID"

Instructions: Enter user ID → press # to confirm. To delete ID 001, reset to factory default mode

Add User – Palm (Optional Function)



Details: ID range starts from 001. First 3 users are administrators

Voice Prompts: "Add administrator" (ID 001-003). "Add normal user" (ID 004-250)

Instructions: Place palm 10-30 cm from camera. On success, voice will say "Succeed"

Remote Setting

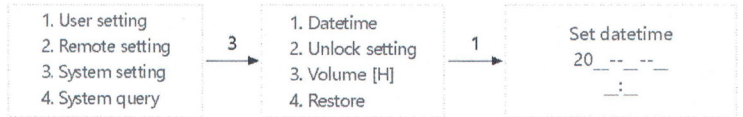
Network Setting



Complete WiFi configuration in the mobile app

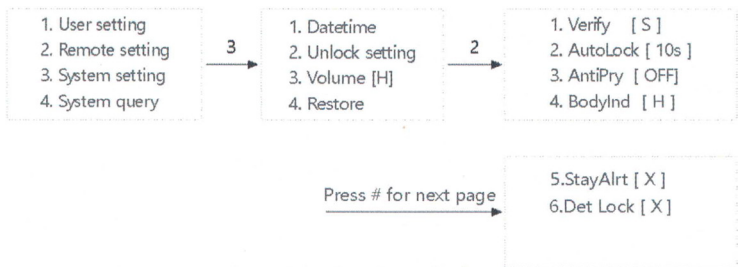
System Setting

Set Date and Time



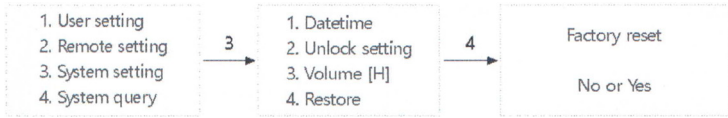
Input the current date and time

Unlock Setting



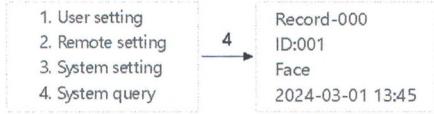
1. Verify: In double mode, admin can unlock directly. Users must enter two authentication methods
2. AutoLock: OFF / 10s / 20s / 30s
3. AntiPry: Anti-prying alarm ON/OFF
4. BodyInd: Human body detection wake-up function
5. StayAlrt: Alarm triggers for 3 seconds. App notification if unknown face detected 3 times within 1 minute
6. Det Lock (Optional): Enables external detection lock body

Restore default



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

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.

Unlock and lock

1. Unlock outside the door: Enter the authorized administrator and user to unlock. After the unlock is completed, voice broadcast "unlocked".
2. Unlock inside the door: Press the "unlock button" on the lock inside the door to unlock, After the unlock is completed, voice broadcast "unlocked".
3. Lock outside the door: Press "lock key" of the touch keyboard to lock. After the locking is completed, voice broadcast "locked".
4. Unlock inside the door: Press the "lock button" on the lock inside the door to lock, After the locking is completed, voice broadcast "locked";
5. 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".

Human body detect

1. 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.
2. 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.

Low voltage prompt and external power supply

1. 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.
2. 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.
3. 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.
4. The external power interface is only used for emergency unlocking and emergency charging, please do not charge for a long time.
5. After emergency unlocking, please remove the battery and charge it with a dedicated 5V charger. After fully charging, continue using it.

WIFI Configuration

Please refer to the user guide of APP.

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.

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.

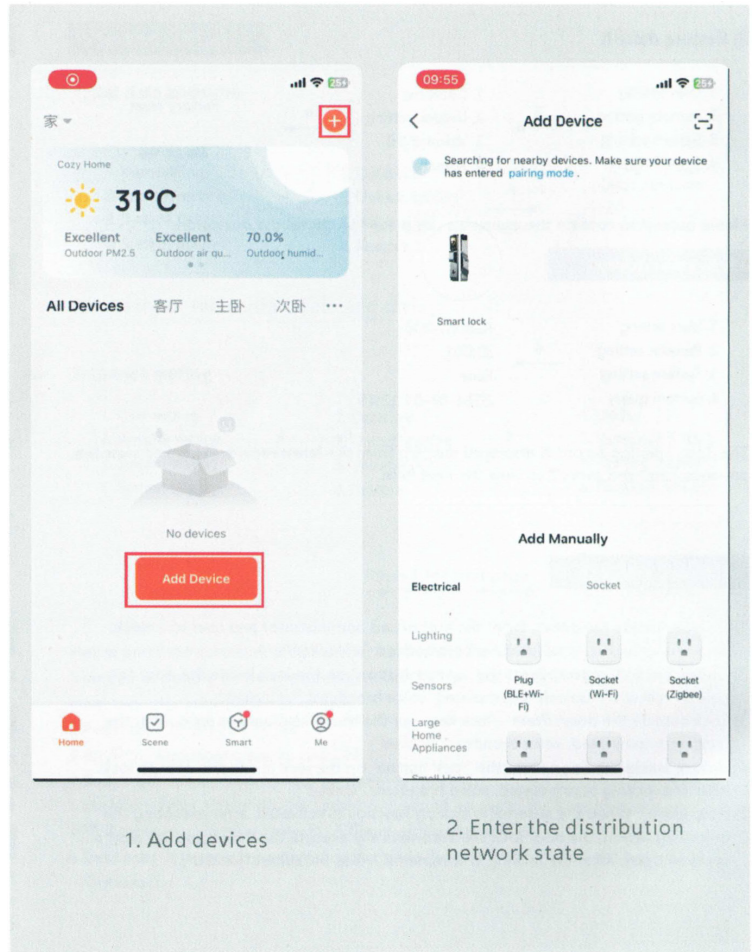
Tuya Smart Related Operations

Note: If no user is registered, any fingerprint can unlock it. Indoor Smart Lock Bluetooth Tuya Operation Guide APP Introduction and Acquisition.



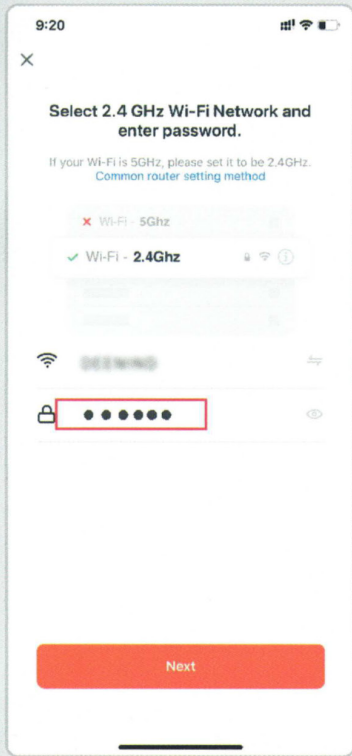
The 'Tuya Smart APP' is a smart device management app provided by Tuya for end consumers. Through the 'Tuya Smart APP', you can easily configure and control smart products throughout the house, set up your favorite scenes and automation solutions, share your smart devices with family and friends, and enjoy the fun of a fully smart home. Download APP: Search for 'Tuya Smart' in the app market or 'Apple App Store' or scan the above Tuya APP QR code to download.

1. Enter the smart lock menu settings: Press " * " # " , verify administrator, enter menu settings after verification.
2. Network Configuration: After entering the menu settings, select the function operation corresponding to the number press 2 for remote management → network settings in progress
3. After completing the menu operation on the smart lock, turn on the mobile phone WIFI to connect to the internet, then enter the Tuya APP, and operate as shown in the following figure:

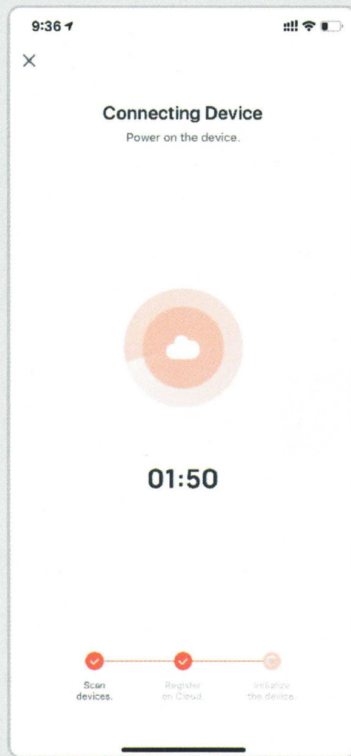


1. Add devices

2. Enter the distribution network state



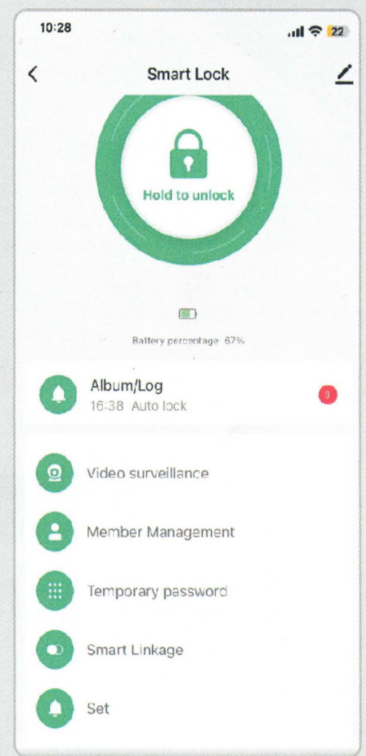
3. Select a 2.4GHz WiFi network and enter the password



4. Wait until the device is successfully connected



5. Complete the network connection



6. After connection, you can unlock the phone

Contact Information



Ledgebit Technologies Private Limited,
401, Vipul Trade Center, Sec 48,
Gurugram, Haryana 122018



www.ledgebit.com



sales@ledgebit.com



+91-9810320256