

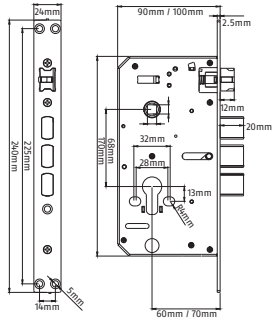
68 x 60 Semi Auto Mortise



A93 10/30 Half Cylinder with 2Pcs #37XL Key



IC Card



Works with



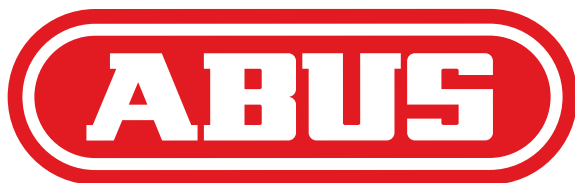
Features

- Lock Dimension: 360mm(H) x 76mm(W) x 26mm(T)
- Material: Aluminium Alloy, Tempered Glass
- Unlocking Way: Fingerprint, Password, Mechanical Key, Combination Unlock, IC Card, APP
- Power Supply Method: 4 x AA Alkaline Batteries
- Working Temperature: -25~70°C
- Working Humidity: 15%~93%
- Working Voltage: 5.0V

	Fingerprint Unlock		Low-Power Prompt
	Password Unlock, OTP (One-Time Password)		Doors hinges on left side
	Mechanical Key Unlock		Doors hinges on right side
	IC Card Access		Drill protection
	Anti-Dismantling Alarm		KA - Keyed Alike MK - Master Key System
	NFC Unlock		

A7 Semi-automatic Smart Lock

Product Model	A7	Working Voltage	5.0V
Product Type	Semi-automatic Smart Lock	Fingerprint Sensor Type	Capacitive Sensor
Product Color	Black	Fingerprint Reader Resolution	508dpi
Lock Cylinder	EURO-profile	Refusal Rate	<0.1%
Appearance Material	Aluminium Alloy	False Recognition Rate	<0.001%
Mobile APP	Tuya App	Card Type	M1, NFC
Networking Method	WiFi	Keypad Type	Touch Sensor
Unlocking Method	Fingerprint, Key, Card, APP, Digital Password	Battery Life	Number of door openings ≥ 3000 times
Fingerprint Capacity	100	External Emergency Power Supply	Type-C
Card Capacity	100		
IC Card	2		
Key	2		
Battery Type	4 x AA Alkaline Batteries		
Working Humidity	15%RH~93%RH		
Operation Temperature	-25°C - 70°C		



Security Tech Germany

Smart Door Lock User Manual

A7

Important Information

- Before using Smart Door Lock, please read and understand all instructions.
- Damage caused by non-compliance operation against the instructions will not be covered by warranty.
- Use the manufacturer specified accessories/components only.
- Use only the alkaline batteries the product is equipped with, or use the same type of batteries with the same specification. (Please DO NOT use Energizer alkaline batteries)
- Do not scrape the fingerprint sensor with sharp objects, otherwise it may cause permanent damage.
- Do not expose the product to water leakage or splashing environment.
- Do not expose the product to corrosive substances, in case the outer casing protective layer being damaged.
- Do not hang any objects on the handle, in case it might affect the normal use of the lock.
- Please clean the product with a soft cloth.
- Do not remove the batteries during set-up operation.
- Please let a professional technician to install the lock as per the installation guidelines provided. Do not disassemble the lock by yourself. Keep the relevant seal labels properly.
- Please modify the default master PIN code immediately after installed and debugged.
- Please keep the mechanical key properly and do not leak your password info easily.
- Please replace all the batteries immediately if there is a low battery alarm. Please make sure to correctly match the poles (+/-) when installing the batteries.



- Do not place the battery close to the fire source to avoid explosion.
- Do not use any emergency power supply that does not meet the safety requirements to power the product.
- Do not connect the 2 poles of the batteries with metals to avoid short circuit which may lead to an explosion.
- Please make sure any component replacement is executed by Abus, Abus authorized service center or professional technicians.
- Do not use accessories or components that have been produced by other manufacturers or have not been specifically recommended by Abus. Use of such accessories and components may void your warranty.



- *The default master PIN code is 123456.

Installation instructions

To users

Thank you for purchasing our product!

Please read this manual carefully and keep it properly for reference before use!

1. Initialization

Long-press and hold the settings button for 5 seconds, the voice prompt: "Restore the factory settings, confirm by pressing the # key, to cancel by pressing the * key." To confirm the reset, press the # key. If you wish to cancel the operation, press the * key instead.

After confirming, the system will restart to its initial state. In this state, any fingerprint, password, or card can unlock the lock.

Note: This operation does not clear the pre-set door opening direction and torque parameters.

2. Low Battery Warning

When the battery level drops below 25%, the system will provide a voice alert stating, "Low battery" during the unlocking process. Even at this low level, the lock can still operate and unlock approximately 50 more times before the battery fully depletes.

It is important to charge or replace the battery in a timely manner to ensure continued functionality and avoid being locked out.

3. External USB Emergency Power Supply

In the event of a low battery situation, you can use an external USB emergency power supply and it takes approximately 30 seconds for the lock to unlock.

4. Detection of Unauthorized Access

If there are 3 to 5 consecutive failed attempts to unlock the smart lock, it triggers a security alert. After the initial failed attempts, the lock will broadcast a message stating: "Illegal user, illegal intrusion, owner notified."

After the 5th failed attempt, the system will automatically lock down for a period of 90 seconds and it will not respond to any further user actions during this period. After the 90-second lockout period, the smart lock will reset, and the user can attempt to unlock it again.

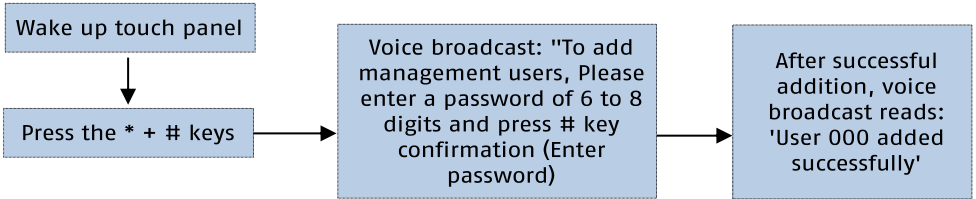
5. Virtual password

The feature allowing additional numbers to be added before and after a numeric password is an effective way to enhance the security. For example, if your actual password is "123456", you can enter "42612345745", where any combination of digits before and after the password to unlock the lock.

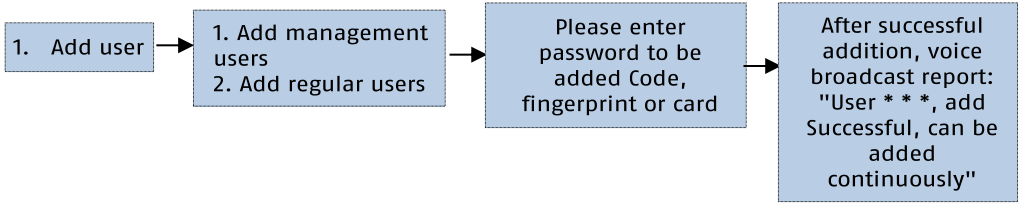
Note: The system recognizes the first 16 digits you input.

Function and Operation

1. Add Administrator Password For The first Time



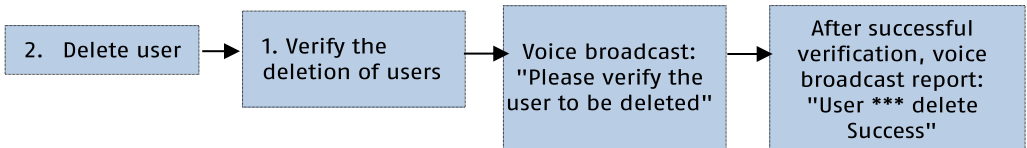
2. Add User



Note: Number of managed users: 000-009, a total of 10 digits; Number of ordinary users: code 010-249, a total of 240 digits.

3. Delete user

(1) Verify the deletion of users



Verification method:

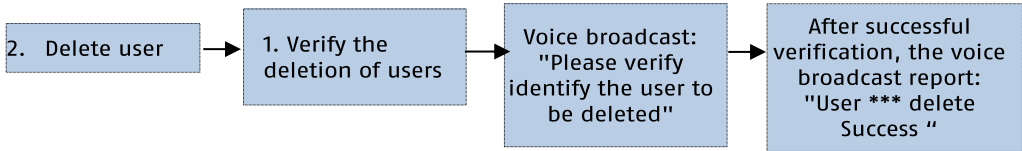
Fingerprint : Place the finger to delete the fingerprint on the fingerprint sensor.

Password : Enter the password to be deleted.

Card : Place the IC card to be deleted close to the sensing area of the touch keyboard.

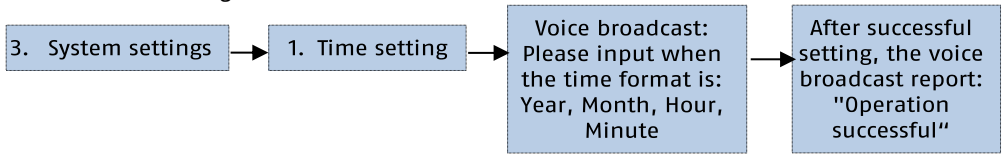
If the user exists in the system, the voice broadcast will say 'deleted successfully';

(2) Delete users by number



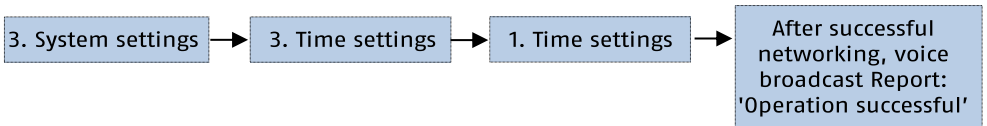
4. System settings

4.1 Time setting



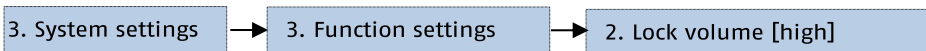
4.2 Function Settings

① Network Settings

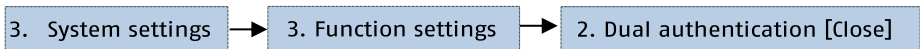


Note: The distribution network function only supports one mobile phone for distribution network. If you enter the network configuration again, the last distribution network data will be automatically cleared. Users are advised to operate with caution.

② Lock Volume

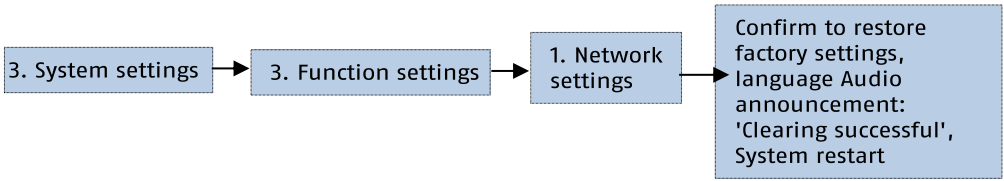


③ Double authentication



Note: Dual authentication is only applicable to unlocking with regular keys, and two different regular user keys must be verified to successfully unlock. Administrator users can unlock directly.

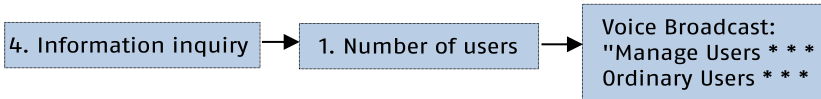
4.3 Restore factory settings



Note: After resetting to factory settings, all user data will be cleared. Users are advised to operate with caution.

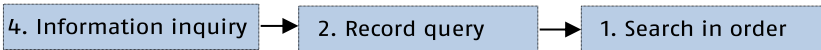
5. Information inquiry

5.1 Number of users



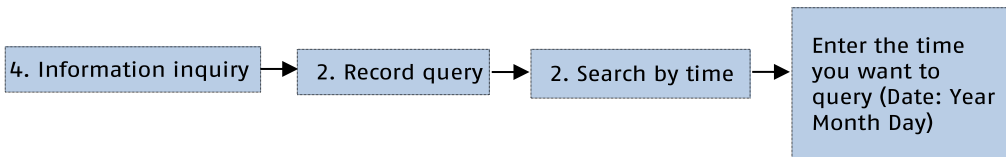
5.2 Read Records

~ Search in order



Note: Sequential search starts with the latest information and goes down. Press 8 key to search for the next item, and press key 2 to search for the previous item.

~ Search by time



Introduction and operation of networking settings

1、Download TUYA APP

Scan the QR code below with your phone to download the app, or search for and download the app in the app market

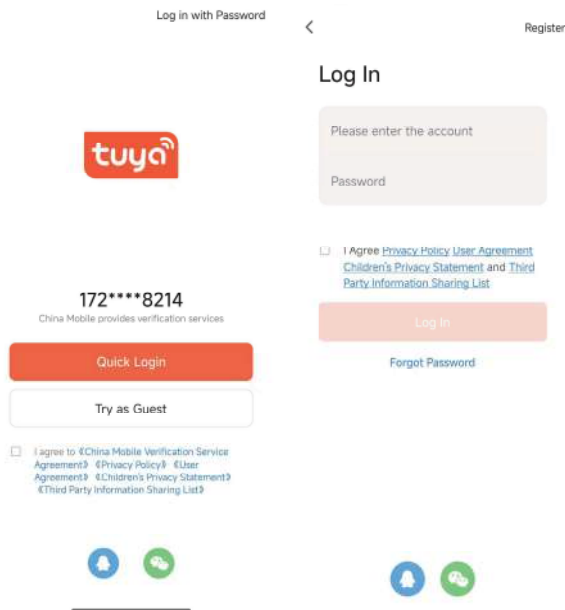


TUYA APP

2、Registration and Login

1 Enter the Tuya Intelligent APP, click the login button, enter your account and log in. If you don't have an account, you need to register it first

2 Users can also log in using QQ or WeChat, and after obtaining authorization on the page, they can log in to the system

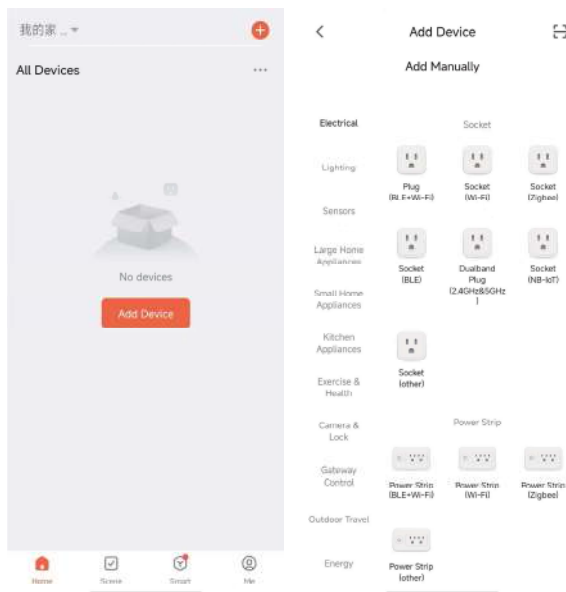


3、Add Device

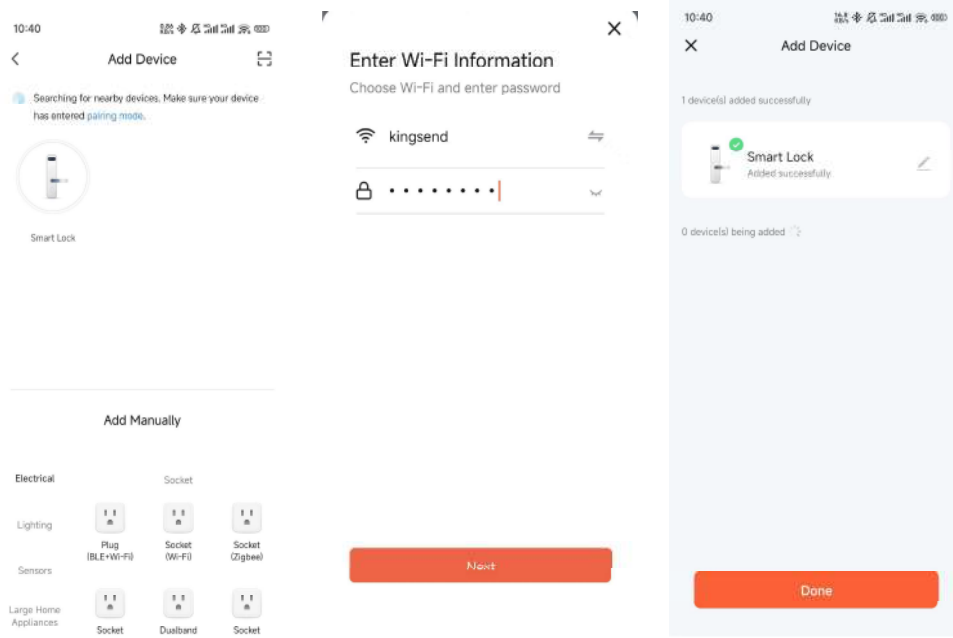
After entering the APP, click on the "+" button in the upper right corner of the homepage to add a device and enter the "Add Device" page

2 Press * and # on the door, enter the administrator password, and enter the network configuration

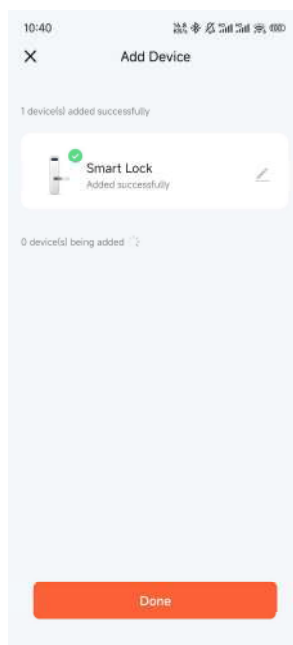
3 Lock end voice prompt "Networking configuration in progress, please wait", check if the phone prompts "Bluetooth on" (Bluetooth not turned on), if not, turn on the phone's Bluetooth function



4 The phone prompts "Device found", click on add, enter the router wifi information, click next to enter the device addition process

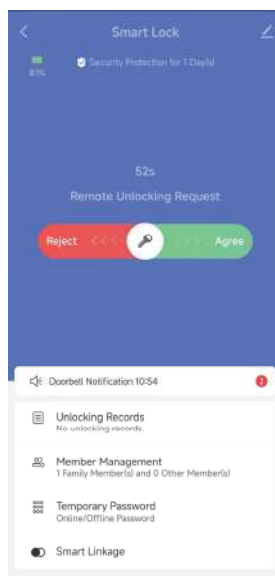


5 Wait for connection. If the network connection is successful, the APP will display "Add successful". You can click "Finish", and the door lock will prompt "Operation successful". Otherwise, it will prompt "Operation failed"



4. Remote unlocking

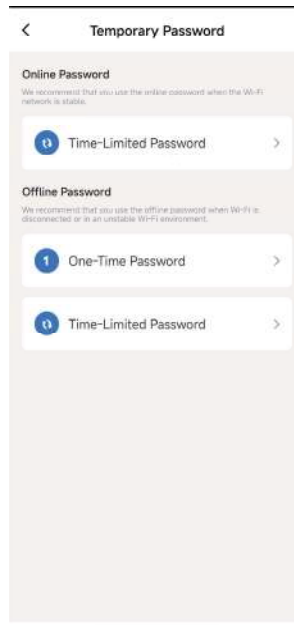
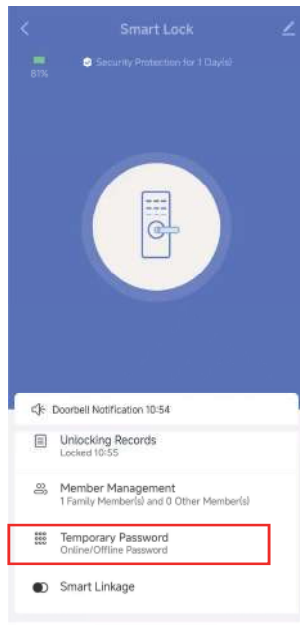
- 1 After the doorbell rings, the user's mobile phone can receive remote unlocking information push notifications
- 2 If the network connection is successful, the APP will display "Add successful". You can click "Finish", and the door lock will prompt "Operation successful". Otherwise, it will prompt "Operation failed"



5. Remote dynamic password

- 1 Click on the temporary password on the smart door lock interface to enter the temporary password interface
- 2 Click on the online password or offline password to generate a temporary password
- 3 Enter the password on the door lock to unlock it

Attention: It is very important to ensure that the lock time is correct when using it for the first time.

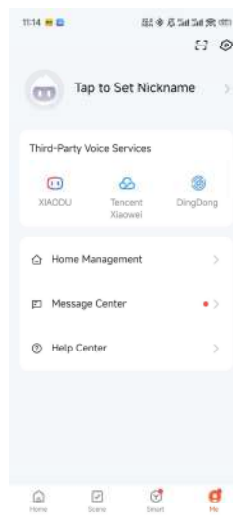


6、Personal Center

The personal information page is used to display personal account information, where users can set avatars, modify login passwords, bind phone numbers, set gesture passwords, etc.

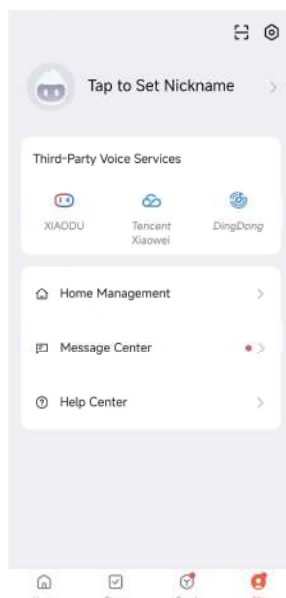
1 Click on 'Me' to enter the personal center page

2 Click here to set a nickname



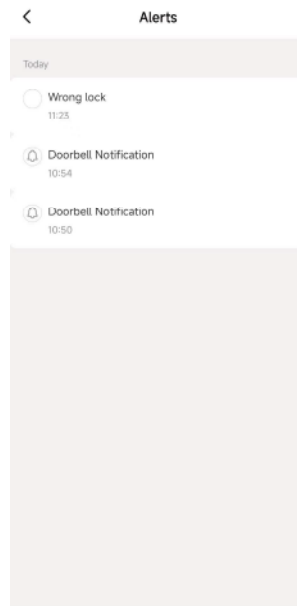
3 Click on 'Account and Security' to change login password or set gesture unlock.

After enabling the gesture password, you need to enter the created gesture password to enter the APP



7. Equipment alarm

- 1 After receiving alarm messages such as illegal users, hijacking, low battery, doorbell ringing, etc., the "Alarm" icon at the bottom of the smart door lock interface will light up yellow to remind users
- 2 Users can click the 'Alarm' icon at the bottom of the smart door lock interface to view alarm information



8. Device Sharing

- 1 Click on 'Member Management' to enter the 'Select Member Type' interface
- 2 Click on 'Add Now' and enter the name and account of the added member to share the device under your own account with the new member, who can operate the device

