

AIMNAPS Fingerprint Door Lock

AIMNAPS Fingerprint Door Lock Instruction Manual

Model: Fingerprint Door Lock

INTRODUCTION

Thank you for choosing the AIMNAPS Fingerprint Door Lock. This smart door lock provides secure and convenient keyless entry using advanced fingerprint recognition, passcodes, and app control. Please read this manual carefully before installation and operation to ensure proper use and optimal performance.

PACKAGE CONTENTS

Verify that all components are present in your package:

- Fingerprint Door Lock Assembly (Exterior Handle with Fingerprint Sensor and Keypad)
- Interior Handle Assembly
- Latch Mechanism
- Strike Plate
- Mounting Screws
- Spare Keys
- User Manual (this document)

PRODUCT OVERVIEW

The AIMNAPS Fingerprint Door Lock integrates multiple access methods for enhanced security and convenience.

- **Fingerprint Sensor:** For quick and secure biometric access.
- **Touchscreen Keypad:** For passcode entry.
- **Key Cylinder:** For traditional mechanical key access.
- **Tuya App Control:** For remote management, temporary passcodes, and access logs.
- **Emergency USB Port:** For temporary power supply in case of battery depletion.

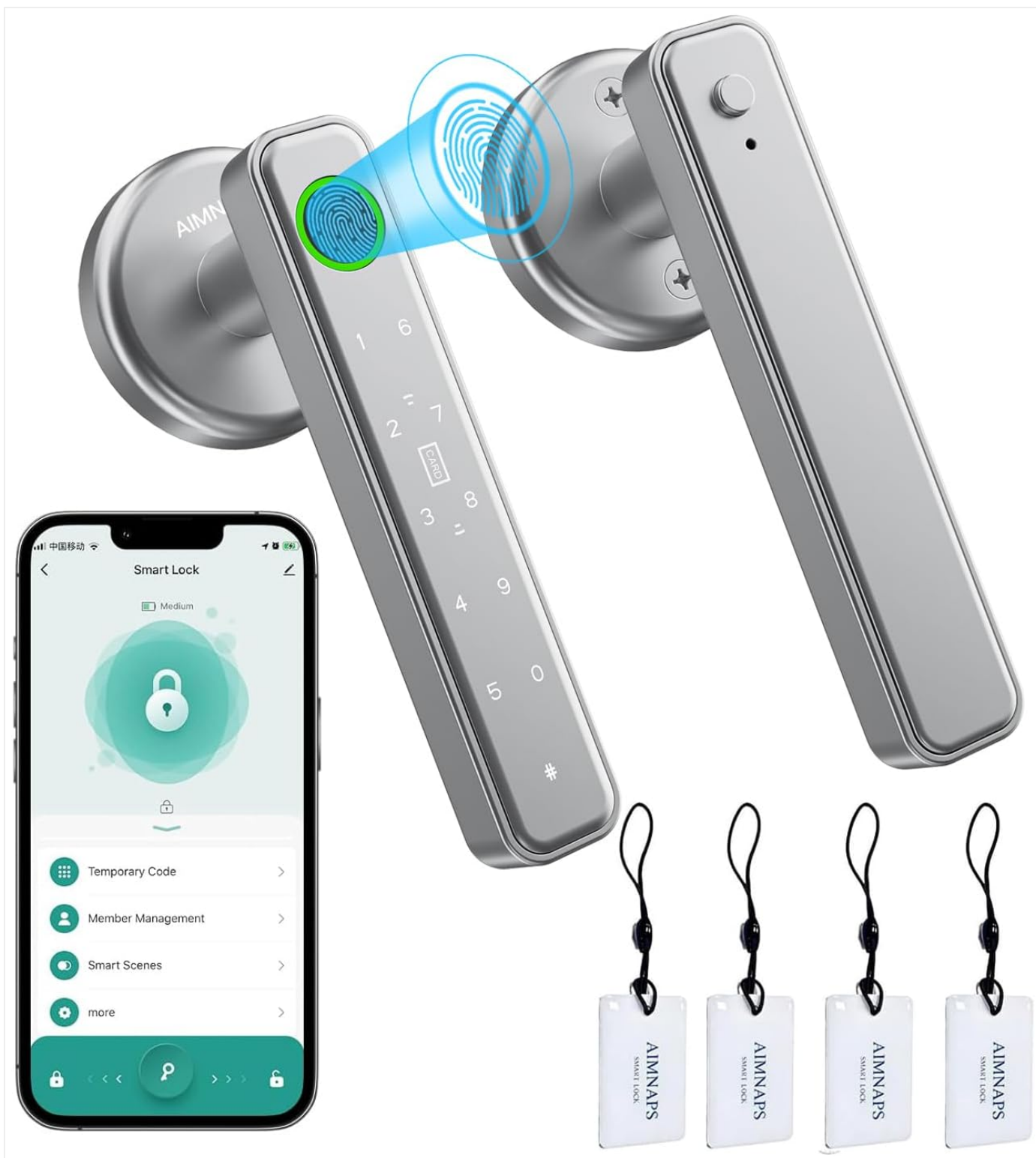


Image: The AIMNAPS Fingerprint Door Lock, Silver 02 model, showcasing its sleek design and integrated fingerprint sensor and keypad.

INSTALLATION

1. Door Measurement and Compatibility

Ensure your door meets the following specifications for proper installation:

- **Door Thickness:** Between 1.18 inches (30mm) and 1.97 inches (50mm).
- **Backset:** Adjustable for 2-3/8 inches (60mm) or 2-3/4 inches (70mm).
- **Door Type:** Compatible with standard single-cylinder doors. Not compatible with mortise or integrated lock systems.



Image: Diagram illustrating how to measure door thickness, backset, and latch hole for compatibility with the AIMNAPS Fingerprint Door Lock. It also shows compatible door types (single cylinder) and incompatible types (mortise/integrated).

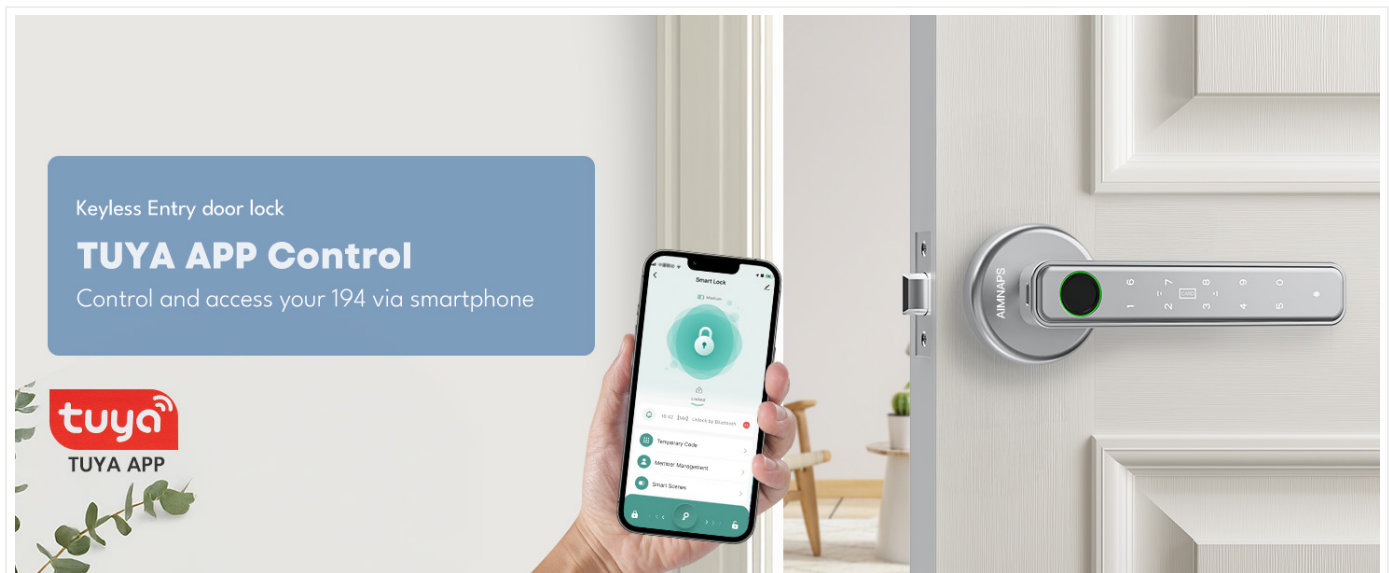


Image: Visual representation of the AIMNAPS Fingerprint Door Lock's wide compatibility with different door setups, replacing general mechanical locks.

2. Installation Steps

The AIMNAPS door knob is designed for quick and straightforward installation. No drilling or wiring is typically required for standard door sizes.

1. **Prepare the Door:** Remove any existing lock hardware. Ensure the door is clean and the latch hole is clear.
2. **Install the Latch:** Insert the latch mechanism into the door edge. Ensure the latch bolt faces the correct direction (beveled edge towards the door frame). Secure with screws.
3. **Install Exterior Handle:** Place the exterior handle assembly through the door, aligning the spindle with the latch mechanism.
4. **Install Interior Handle:** Attach the interior handle assembly, connecting any necessary cables or components. Secure with mounting screws.
5. **Test Mechanical Functionality:** Before closing the door, test the handle and latch to ensure smooth operation.
6. **Automatic Door Direction Recognition:** The lock will automatically detect the direction of left and right doors. No manual setup is required for this.

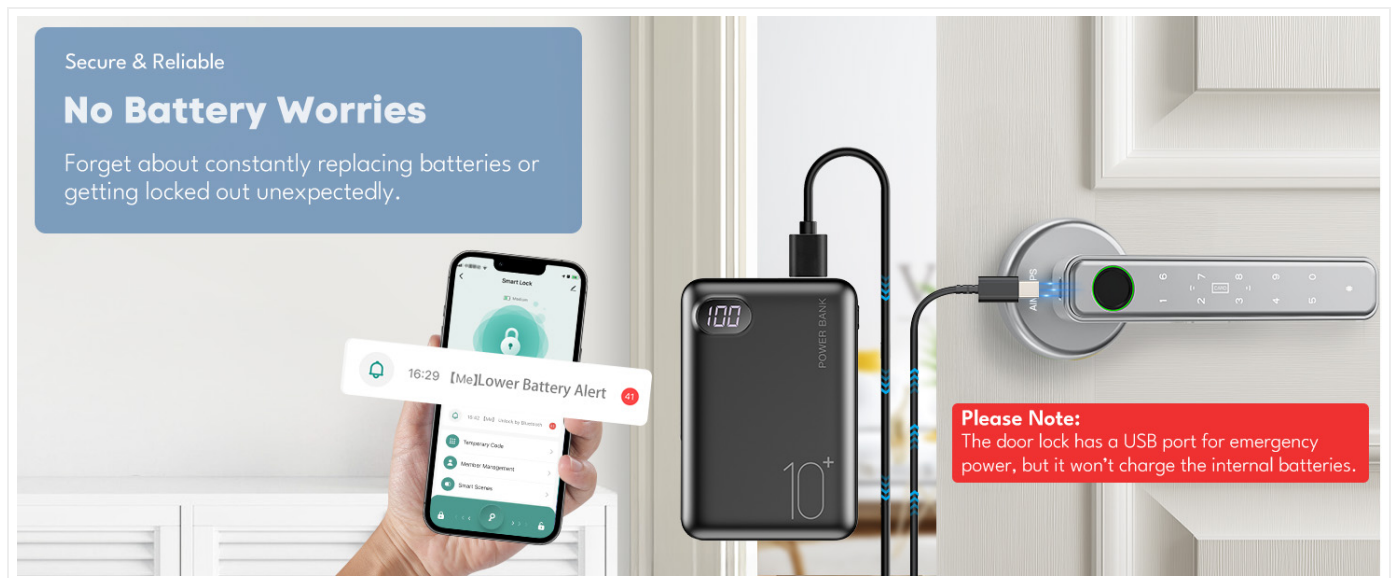


Image: Illustration showing the automatic door direction recognition feature, distinguishing between left-handed and right-handed doors without manual configuration.

Important: Do not load batteries until the lock is completely installed.

INITIAL SETUP AND OPERATION

1. Registering the Administrator Fingerprint (Critical First Step)

You MUST set up an Administrator fingerprint immediately after unboxing and installation. Until this is done, the lock will accept ANY fingerprint to open your door.

1. Install the batteries (typically 4 AAA batteries, not specified in JSON, but standard for these locks).
2. Follow the on-screen or voice prompts (if available) to enter the setup mode.
3. Place your chosen administrator finger on the fingerprint sensor multiple times as instructed until registration is complete.
4. Test the administrator fingerprint to ensure it unlocks the door.

2. Unlocking Methods

The AIMNAPS Fingerprint Door Lock offers multiple ways to unlock:

a. Fingerprint Recognition

- Place a registered finger on the sensor.
- The lock will recognize your fingerprint in less than a second (0.5s recognition speed).
- A successful scan will unlock the door.



Image: Visual representation of the lock's fast fingerprint recognition, highlighting 360° recognition, support for 100 sets of fingerprints, 99% recognition rate, and 0.2s recognition speed.

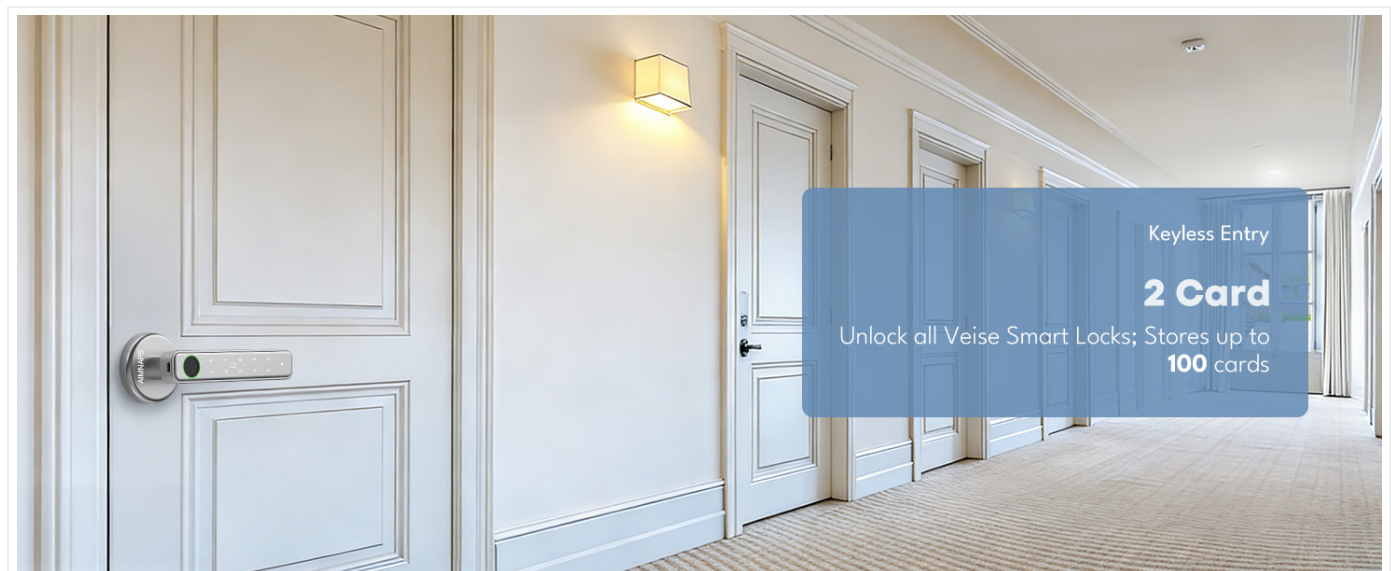


Image: Depicts the AI chip-built self-learning technology enabling quick and accurate fingerprint unlocking in 0.2 seconds with 360° orientation recognition.

b. Passcode Entry

- Wake the keypad by touching it.
- Enter your registered passcode followed by the '#' key.
- The lock will unlock.
- The keypad features a backlit touchscreen for easy use in the dark.



Image: Shows the anti-peeping passcode feature, allowing random digits before and after the real password for privacy, and the ability to generate temporary passcodes remotely.

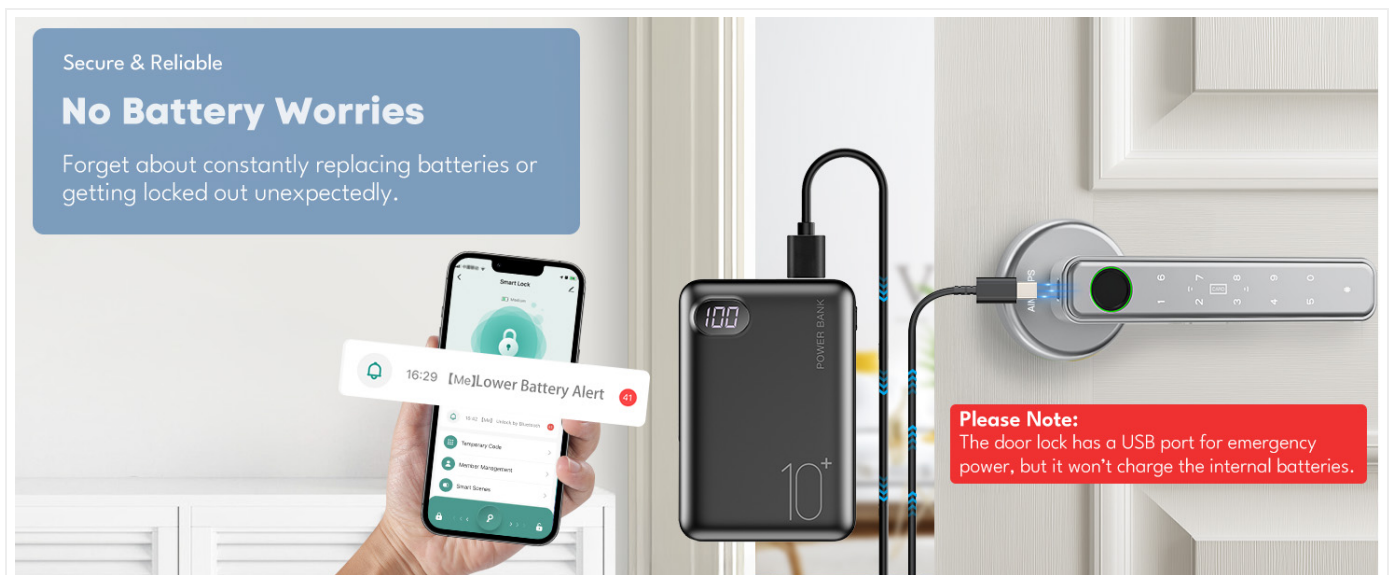


Image: Depicts the backlit touchscreen keypad, indicating blue for active mode, green for successful verification, and red for failed verification, making it easy to use in low light conditions.

c. Mechanical Key Access

- Insert the provided mechanical key into the keyhole.
- Turn the key to unlock the door.
- Keep spare keys in a safe, accessible location outside the locked area for emergencies.

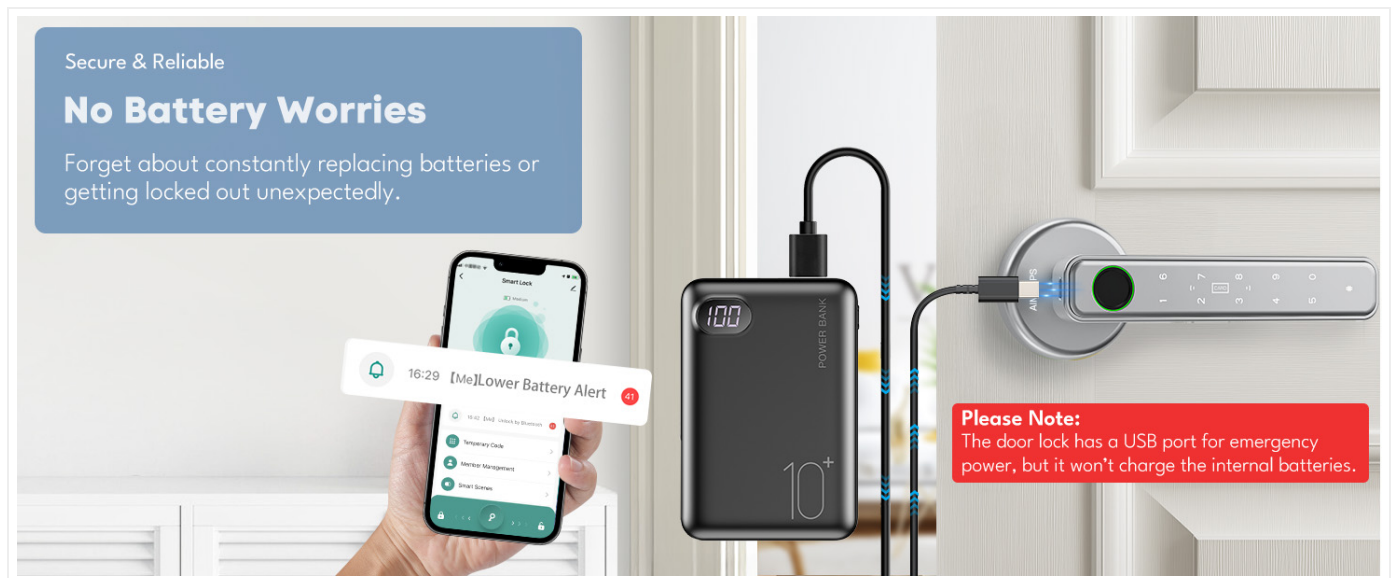


Image: Shows the option to unlock the door using either a spare mechanical key or by entering a passcode on the keypad.

d. Tuya App Control

Manage your door lock remotely using the Tuya app.

- Download the Tuya Smart app from your device's app store.
- Follow the in-app instructions to pair your lock with your smartphone.
- Through the app, you can:
 - Generate and share temporary passcodes (e.g., for guests or service providers).
 - View access logs.
 - Manage user fingerprints and passcodes.
 - Check battery level.
 - Receive reminders and notifications.



Image: Overview of Smart App Control, showing icons for Fingerprint, Electronic Key, Password, App Control, Authorized Admin, Operation Record, Management, Battery Level Display, and Reminder, all managed via a smartphone app.

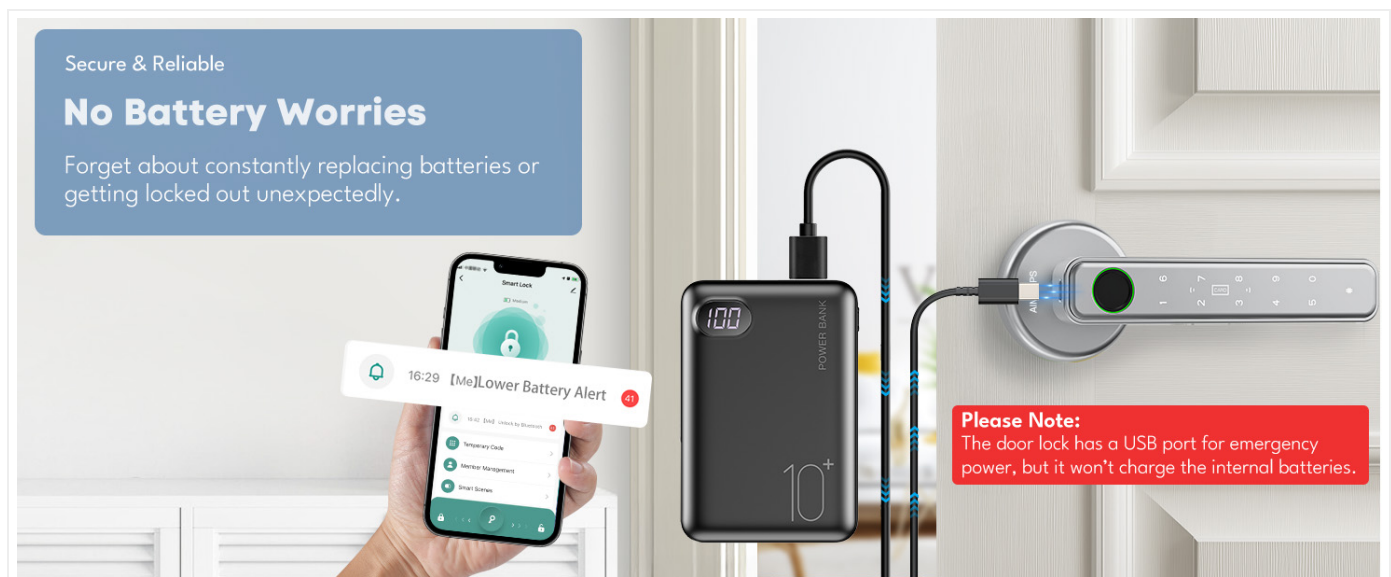


Image: Depicts a smartphone screen showing the Tuya app interface for controlling the keyless entry door lock, emphasizing remote access and management.



Image: Illustrates the creation of user-specific custom codes (permanent, one-time, recurring, duration-based) and the auto-locking feature (6s-60s delay), managed through the app.

3. Auto-Locking Feature

The lock features an adjustable auto-locking function, typically ranging from 6 to 60 seconds after unlocking. This ensures your door is always secured.



Image: Shows the 5-in-1 locking options (Fingerprint, Electronic Key, App Control, Key Lock, Password) and highlights the auto-locking feature with a 5-60 second delay.

MAINTENANCE

1. Battery Replacement

The lock will provide a low battery warning through the app or an indicator light/sound. Replace all batteries promptly when this occurs to avoid being locked out.

- Access the battery compartment on the interior handle.
- Remove old batteries and insert new ones, ensuring correct polarity.
- Test the lock's functionality after replacement.

2. Emergency Power

In case the batteries completely die and you cannot unlock the door, use the emergency USB port:

- Connect a portable power bank to the USB port on the exterior handle.
- This will temporarily power the lock, allowing you to use your fingerprint or passcode to unlock.
- **Important:** The USB port is for emergency power only and CANNOT recharge the lock's internal batteries.

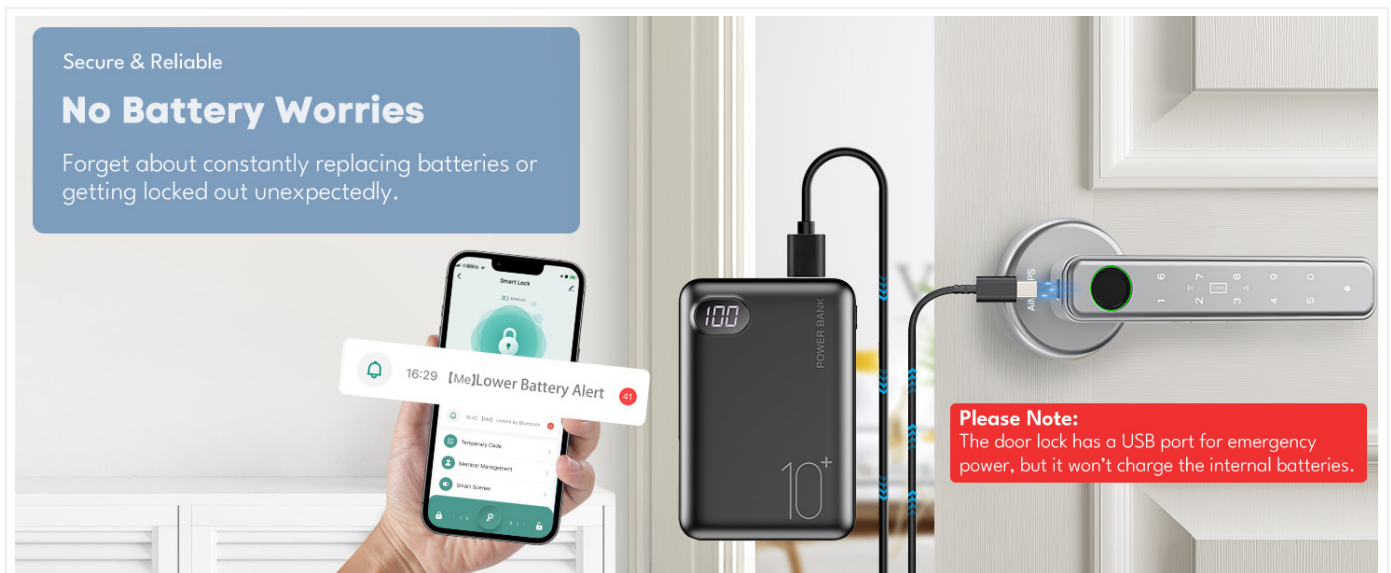


Image: Illustrates connecting a power bank to the lock's USB port for emergency power, with a clear note that it does not recharge internal batteries.

3. Cleaning

Wipe the lock's surface with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace batteries or use emergency USB power.
Fingerprint not recognized.	Finger is wet, dirty, or improperly placed. Fingerprint not registered.	Ensure finger is clean and dry. Place finger firmly and completely on the sensor. Re-register fingerprint if necessary.
Passcode not working.	Incorrect passcode entered. Keypad not active.	Ensure correct passcode is entered. Touch the keypad to activate it before entering the code.
Lock does not auto-lock.	Auto-lock feature disabled or setting changed in app.	Check Tuya app settings to ensure auto-lock is enabled and set to the desired delay.
Cannot connect to Tuya app.	Bluetooth/Wi-Fi issue. App not updated.	Ensure Bluetooth is enabled on your phone and the lock is within range. Check for app updates. Restart phone and lock.

SPECIFICATIONS

Feature	Detail
Brand	AIMNAPS
Model Number	Fingerprint Door Lock
Color	Silver 02
Style	With App
Product Dimensions (L x W)	1"L x 1"W (<i>Note: This dimension appears inconsistent with product images showing a lever handle.</i>)
Exterior Finish	Silver
Finish Types	Polished
Unit Count	1.0 Count
Handle Type	Knob (<i>Note: Product images show a lever handle, not a knob</i>)
Specific Uses	Door
Additional Features	Auto-Lock, Fingerprint, Passcode Unlock, Touchscreen
Lock Type	Keypad Lock

Feature	Detail
Indoor/Outdoor Usage	Indoor
Included Components	Lock And Key
Fingerprint Recognition Speed	0.2 - 0.5 seconds
Fingerprint Recognition Rate	99%
Max Fingerprints	100 sets
Max Passcodes	100 codes
Door Thickness Compatibility	1.18" - 1.97" (30mm - 50mm)
Backset Compatibility	2-3/8" (60mm) or 2-3/4" (70mm)

Note: Some specifications from the provided data appear inconsistent with product images. Please refer to the physical product or manufacturer's official documentation for exact details.

Safety Information

- Always register an Administrator fingerprint immediately after installation.
- Keep mechanical spare keys in a secure location outside the premises.
- Do not expose the lock to extreme temperatures or direct water spray.
- Use only recommended battery types.
- Do not attempt to disassemble or repair the lock yourself, as this may void the warranty and cause damage.
- Ensure fingers are clean and dry for optimal fingerprint recognition.
- Regularly check battery levels via the app or on the lock itself.

Warranty and Support

Specific warranty details are not provided in the product data. For warranty information, technical support, or service inquiries, please contact AIMNAPS customer support through the retailer where the product was purchased or refer to the official AIMNAPS website.

Please have your product model number (Fingerprint Door Lock) and purchase date available when contacting support.

Ask a Question About This Manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question