

AIMNAPS Fingerprint Door Lock

AIMNAPS Fingerprint Door Lock Instruction Manual

Model: Fingerprint Door Lock

1. INTRODUCTION

Thank you for choosing the AIMNAPS Fingerprint Door Lock. This smart door lock provides multiple secure entry methods including fingerprint, passcode, mobile app control, and traditional key. Designed for ease of use and enhanced security, this manual will guide you through the installation, setup, and operation of your new lock.

2. IMPORTANT SAFETY INFORMATION

WARNING: Before First Use – Register Your Administrator Fingerprint! It is critical to set up an Administrator fingerprint immediately after unboxing the lock. Until an Administrator fingerprint is registered, the lock will accept **ANY** fingerprint to open the door. This is a security measure to ensure initial setup. Failure to register an administrator fingerprint will leave your lock vulnerable.

Always ensure the door is properly closed and locked after entry or exit. Regularly check battery levels to avoid unexpected lockouts.

3. PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- AIMNAPS Fingerprint Door Lock (Exterior Handle with Fingerprint Sensor and Keypad)
- Interior Handle
- Latch Mechanism
- Mounting Screws
- Strike Plate
- Traditional Keys (2x)
- User Manual

4. PRODUCT OVERVIEW AND FEATURES

The AIMNAPS Fingerprint Door Lock is designed for convenience and security, offering multiple ways to access your space.



Image: Overview of the AIMNAPS Fingerprint Door Lock highlighting its fast and accurate biometric recognition capabilities.

Key Features:

- **Advanced Fingerprint Recognition:** Secure keyless entry with a 0.2-second recognition speed and 99% accuracy. Supports up to 100 unique fingerprints.
- **Remote Passcode Generation:** Manage your lock remotely using the Tuya app to generate and share temporary or permanent passcodes.
- **Easy Installation:** Designed for quick and straightforward installation on standard doors (1.18" to 1.97" thick) without drilling or complex wiring.
- **Multiple Unlock Methods:** Fingerprint, Passcode, Tuya App, and Physical Key.
- **Emergency Power:** A USB port is available for emergency power via a power bank if batteries are depleted. *Note: This port does not charge the internal batteries.*
- **Backlit Touchscreen Keypad:** For easy passcode entry, even in low light conditions.



Image: The backlit touchscreen keypad, indicating different status lights for operation.

Product Video:

Your browser does not support the video tag.

Video: An instructional video demonstrating the features and operation of the Smart Door Lock.

5. INSTALLATION

The AIMNAPS Fingerprint Door Lock is designed for straightforward installation. No specialized tools or wiring are typically required.

5.1 Door Compatibility

Ensure your door meets the following specifications:

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



Image: Guide for measuring your door to ensure compatibility with the lock.

5.2 Installation Steps (General Overview)

1. Remove your existing door hardware.
2. Install the latch mechanism into the door edge.
3. Install the exterior handle assembly, ensuring the spindle passes through the latch.

4. Install the interior handle assembly, connecting any necessary cables.
5. Secure both handle assemblies with the provided screws.
6. Install batteries (typically 4x AAA, not included) into the interior handle.
7. Test the lock's basic functionality with the physical key.

Important: Do not load batteries until the lock is completely installed to prevent accidental locking during installation.

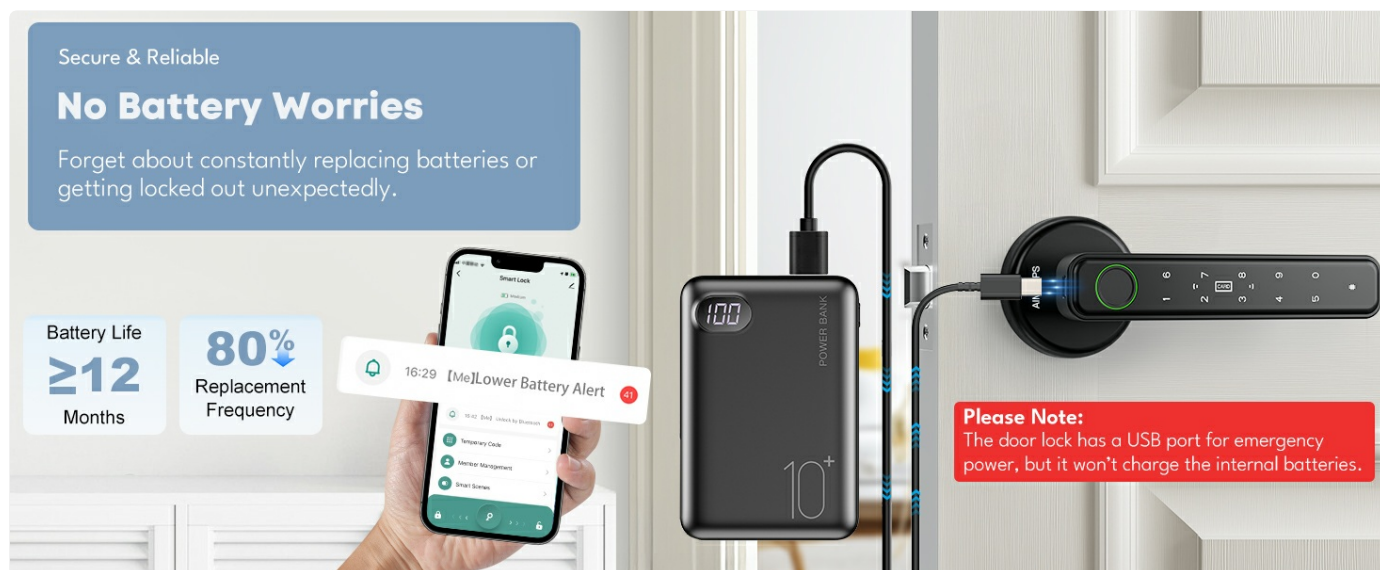


Image: The lock automatically detects door direction (left or right-handed) during installation.

6. SETUP

6.1 Registering the Administrator Fingerprint

As noted in the safety section, this is the **first and most crucial step** after installation. Follow the on-screen prompts or voice guidance from the lock to register your first fingerprint. This fingerprint will be designated as the Administrator and is required to add other users or change settings.

6.2 Tuya App Setup and Remote Control

To utilize remote features, download the Tuya Smart app from your device's app store.

1. Download and install the **Tuya Smart** app.
2. Create an account or log in.
3. Follow the in-app instructions to add your AIMNAPS Fingerprint Door Lock. This typically involves putting the lock into pairing mode (refer to the lock's voice prompts or display) and connecting via Bluetooth.
4. Once connected, you can manage users, generate temporary passcodes, view access logs, and monitor battery status remotely.



Image: Controlling the smart lock via the Tuya app on a smartphone.

6.3 Adding Users and Passcodes

After setting up the Administrator fingerprint, you can add additional users and passcodes through the lock's interface or the Tuya app.

- **Fingerprint Users:** Use the Administrator fingerprint to access the menu and follow prompts to add new fingerprints.
- **Passcode Users:** Create permanent or temporary passcodes via the lock's keypad or the Tuya app. The app allows for time-limited or one-time use codes.

User-Specific Custom codes



Image: Examples of user-specific custom codes for various access needs.

7. OPERATING INSTRUCTIONS

7.1 Unlocking with Fingerprint

1. Place your registered finger on the fingerprint sensor.
2. The lock will recognize your fingerprint in approximately 0.2 seconds.
3. Once verified, the lock will unlock. Turn the handle to open the door.



Image: Unlocking the door with a simple touch of the fingerprint sensor.

7.2 Unlocking with Passcode

1. Wake the keypad by touching it.
2. Enter your registered passcode.
3. Press the '#' key (or equivalent confirmation key).
4. The lock will verify the passcode and unlock. Turn the handle to open the door.

Anti-Peeping Passcode: You can enter random digits before and after your actual passcode to prevent others from guessing your code. For example, if your code is 123456, you can enter 987123456012.



Image: Using the anti-peeping passcode feature and generating temporary passcodes remotely.

7.3 Unlocking with Tuya App

1. Open the Tuya Smart app on your smartphone.
2. Select your AIMNAPS Fingerprint Door Lock from the device list.
3. Tap the 'Unlock' button within the app.
4. The lock will receive the command and unlock. Turn the handle to open the door.

7.4 Unlocking with Physical Key

In case of emergency or battery failure, you can always use the provided physical keys.

1. Insert the key into the keyhole located on the exterior handle.
2. Turn the key to unlock the door.
3. Turn the handle to open the door.



Image: Accessing the door using a physical key, an alternative to digital methods.

7.5 Auto-Lock Feature

The lock features an auto-lock function that automatically secures the door after a set period (e.g., 10 seconds to 3 minutes) once it's closed. This feature can typically be configured via the Tuya app or the lock's settings menu.

8. MAINTENANCE

8.1 Battery Replacement

The lock is powered by AAA batteries (typically 4x). When the battery level is low, the lock will provide an alert (visual or auditory). Replace all batteries promptly with new, high-quality alkaline batteries.

8.2 Emergency Power

If the batteries completely drain, you can use a standard power bank connected to the USB port on the exterior handle to temporarily power the lock and gain access. This port is for emergency power only and does not recharge the internal batteries.

Emergency power supply

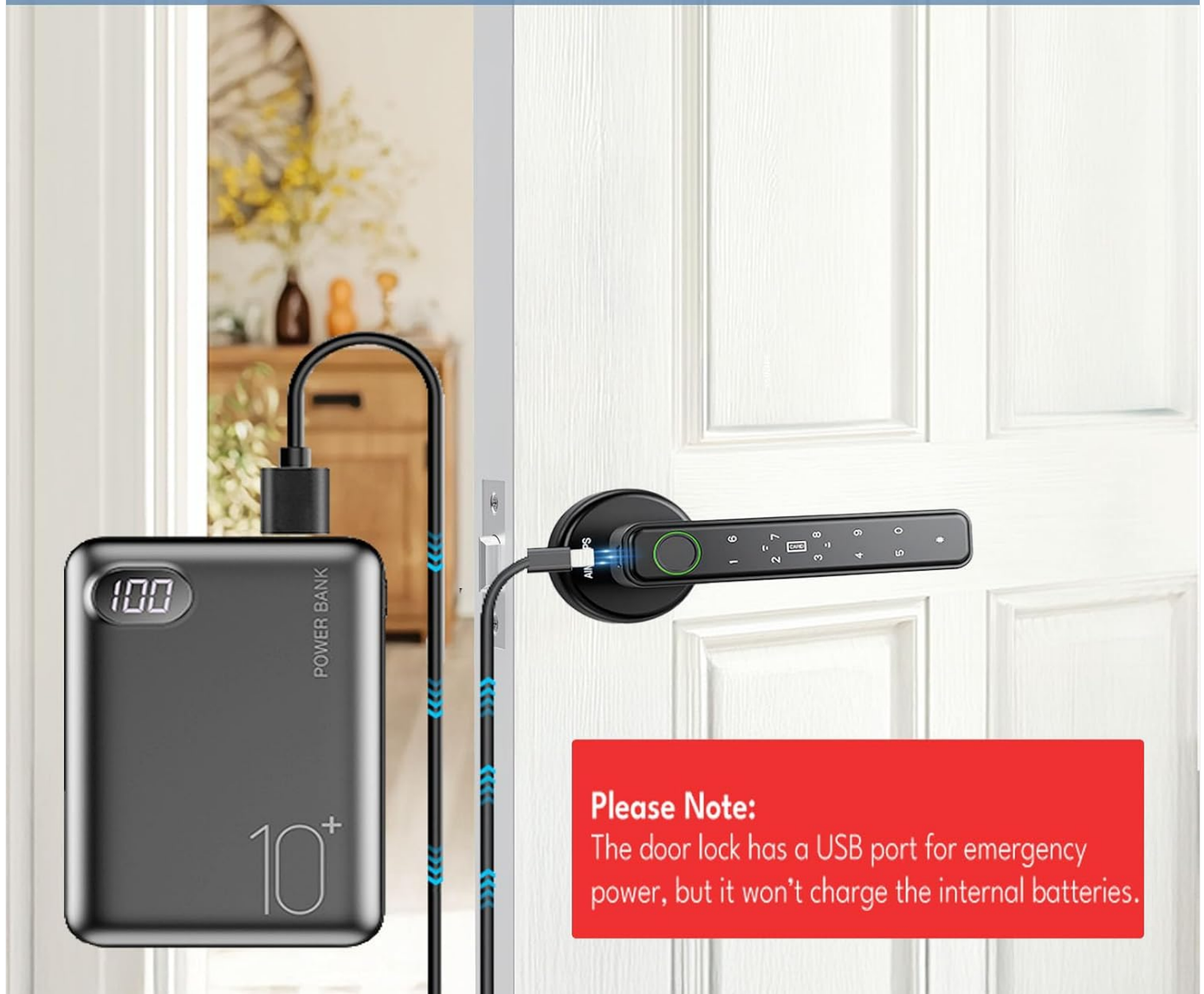


Image: Using a power bank for emergency power when the lock's batteries are depleted.

8.3 Cleaning

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

9. TROUBLESHOOTING

- **Lock does not respond:** Check battery levels. If low, replace batteries or use emergency USB power. Ensure the lock is properly installed and all connections are secure.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint. Ensure you are using a registered fingerprint.
- **Passcode not working:** Ensure you are entering the correct passcode. Wake the keypad before entering the code. Check if the passcode has expired (for temporary codes).
- **App connection issues:** Ensure Bluetooth is enabled on your phone and you are within range of the lock. Restart the app and try reconnecting.

- **Lock is stuck or not engaging:** Check for any obstructions in the door frame or latch mechanism. Ensure the lock is correctly aligned with the strike plate.

10. SPECIFICATIONS

Brand	AIMNAPS
Model Number	Fingerprint Door Lock
Color	Black 01
Style	With App
Product Dimensions	1"L x 1"W
Handle Type	Knob
Lock Type	Biometric, Keypad Lock
Smart Home Compatibility	Smart Home Compatible
Additional Features	Auto-Lock, Fingerprint, Passcode Unlock, Touchscreen
Included Components	Lock And Key

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact AIMNAPS customer service through their official website. Keep your purchase receipt for warranty claims.

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