

We Technology F42YA



We Technology Smart Door Lock

USER MANUAL

1. Introduction

Thank you for choosing the We Technology Smart Door Lock. This advanced security device integrates multiple unlocking methods, a high-definition camera, and smart home compatibility to provide convenience and enhanced security for your home. This manual provides essential information for installation, operation, and maintenance to ensure optimal performance and longevity of your smart lock.

2. Safety Information

- Read all instructions carefully before installation and use.
- Do not attempt to disassemble or repair the lock yourself. Refer to qualified personnel for service.
- Use only the specified battery type and charging method.
- Keep physical keys in a secure location outside the property.
- Ensure all components are securely fastened during installation to prevent malfunction.
- Protect the lock from extreme temperatures and direct water exposure beyond its IP65 rating.

3. Package Contents

Verify that all items listed below are included in your package:

- 1 x Double-sided Door Lock (Front and Rear Panels)
- 1 x User Manual
- 2 x Physical Keys
- 2 x IC Cards
- 1 x Lock Body (Mortise Lock)

- 1 x C-level Lock Cylinder
- 1 x 4200mAh Rechargeable Battery
- Mounting Screws and Accessories
- 1 x USB-C Charging Cable



Image: Contents of the Smart Door Lock package, including the lock panels, mortise, keys, IC cards, battery, and accessories.

4. Product Overview

4.1 Components

The Smart Door Lock consists of an exterior panel and an interior panel, connected through the door. Key components include:

- **Exterior Panel:** Features 3D face recognition sensor, 1080P camera, display screen, numeric keypad, fingerprint sensor, and mechanical keyhole.
- **Interior Panel:** Includes an indoor display screen, function keys, quick open handle, anti-lock knob, and one-button switch lock.
- **Mortise Lock Body:** The internal locking mechanism, a high-security 6068 mortise lock.
- **Battery:** A rechargeable 4200mAh lithium battery powers the unit.

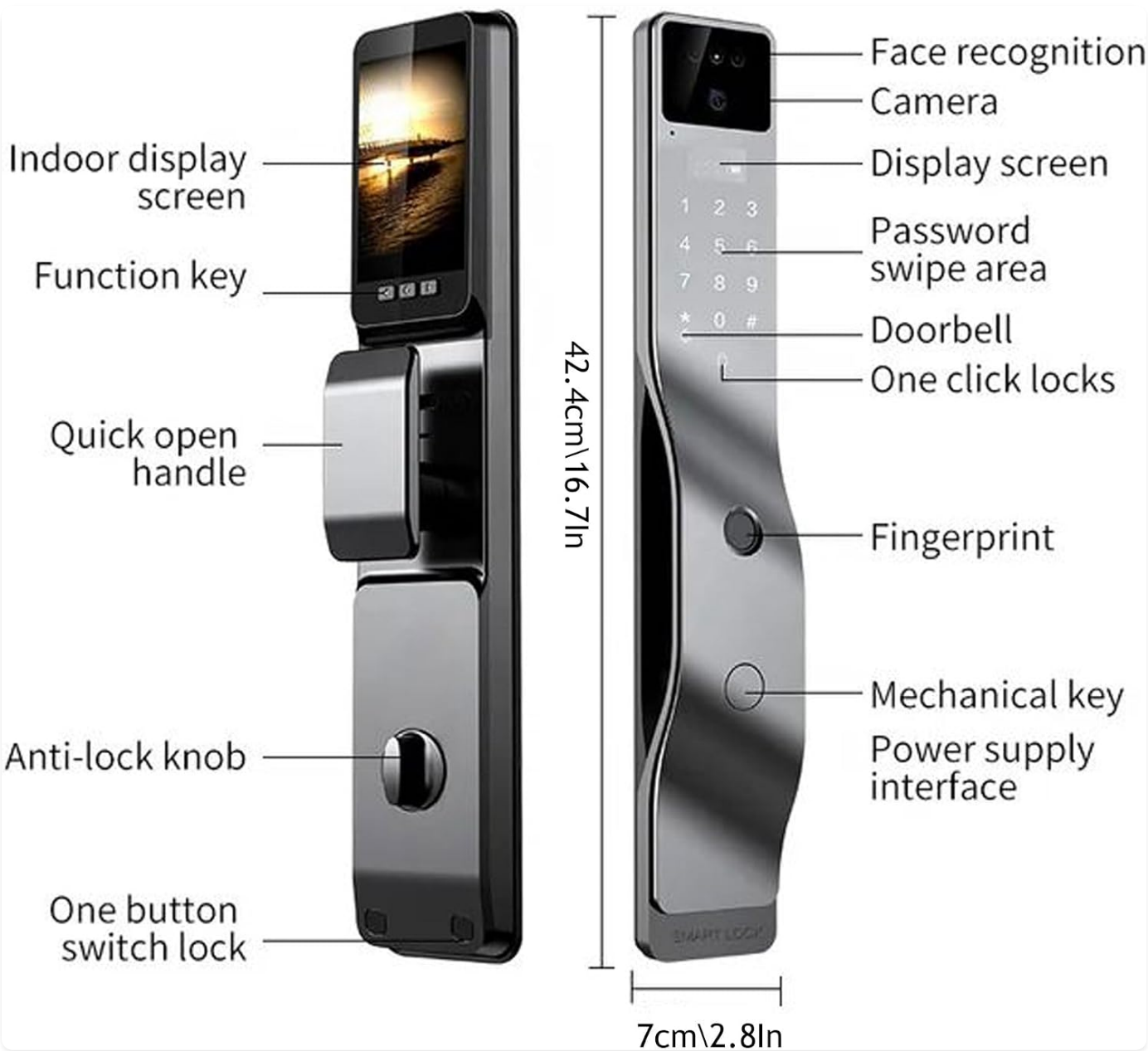
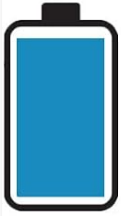


Image: Labeled diagram showing the exterior and interior panels of the smart lock, highlighting features like face recognition, camera, display, keypad, fingerprint sensor, and various internal controls.



**Rechargeable
Battery**



**Powered by
lithium battery**



Low Battery Alert

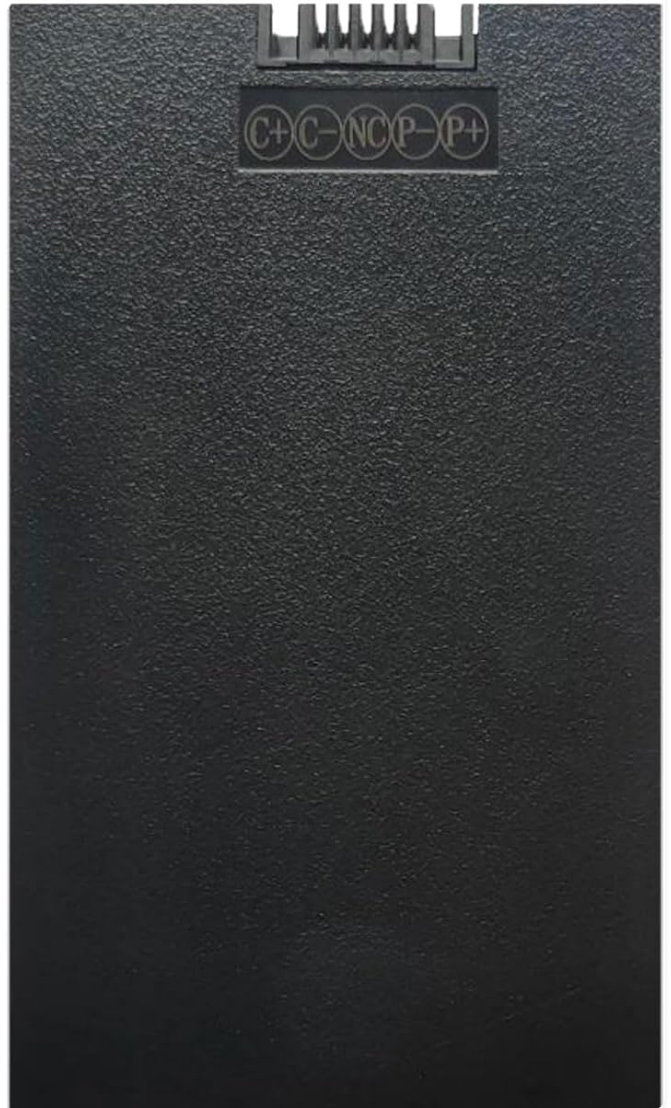


Image: Technical drawing illustrating the dimensions and internal structure of the 6068 mortise lock body, a key security component.

4.2 Key Features

- **7-in-1 Unlock Options:** Supports 3D Face ID, Fingerprint, Tuya Smart App, Passcode, IC Card, Physical Key, and Video Intercom.
- **Advanced 3D Facial Recognition:** Unlocks in approximately 0.5 seconds, even in low light, storing over 50 face profiles.
- **1080P HD Camera with Smart Night Vision:** Provides clear, wide-angle footage with a 16ft IR range for day and night monitoring.
- **Built-in Doorbell + Two-Way Video Intercom:** Allows remote communication with visitors via the Tuya app.
- **2.4GHz Wi-Fi & Tuya App Integration:** Enables remote control, monitoring, temporary access sharing, log viewing, and instant alerts without a separate hub.
- **Voice Control:** Compatible with Amazon Alexa and Google Assistant for hands-free operation.
- **Auto-Lock with Adjustable Timer:** Automatically locks the door after a customizable delay for added security.
- **Military-Grade Build:** Features a 6068 mortise lock body, reinforced aluminum alloy construction, anti-pry/anti-drill design, and IP65 waterproof rating.
- **Long-Lasting Battery:** 4200mAh rechargeable battery provides 6+ months of use per charge, with USB-C charging.

5. Setup

5.1 Installation

The Smart Door Lock is designed for quick DIY installation on standard US doors (45–90mm thick). No special wiring or professional technicians are typically required. Refer to the detailed installation guide provided in the box for step-by-step instructions. Ensure your door's dimensions match the lock's requirements before proceeding.



Image: Dimensional drawing of the smart lock, indicating measurements for proper door fitting and compatibility with both right-handed and left-handed doors.



Image: A person performing the installation of the smart door lock, demonstrating the ease of setup.

5.2 Tuya App Setup

Download the Tuya Smart App from your device's app store. Follow the in-app instructions to create an account and add your smart lock. The app will guide you through connecting the lock to your 2.4GHz Wi-Fi network and setting up initial user profiles.



Image: A smartphone showing the Tuya Smart App's main interface, illustrating its integration with the smart lock for remote control and monitoring.

6. Operating the Smart Lock

6.1 Unlocking Methods

- **3D Face ID:** Stand in front of the lock's camera. The lock will recognize your registered face and unlock automatically. This process takes approximately 0.5 seconds.



Image: A user demonstrating the 3D face recognition feature, with blue light beams indicating the scanning process.

- **Fingerprint:** Place your registered finger on the fingerprint sensor. The lock will verify your fingerprint and unlock.



Image: A user placing their finger on the smart lock's fingerprint sensor for quick biometric identification.

- **Passcode:** Enter your registered passcode on the numeric keypad. The lock supports anti-peep passcodes, allowing you to enter random digits before or after your actual code.

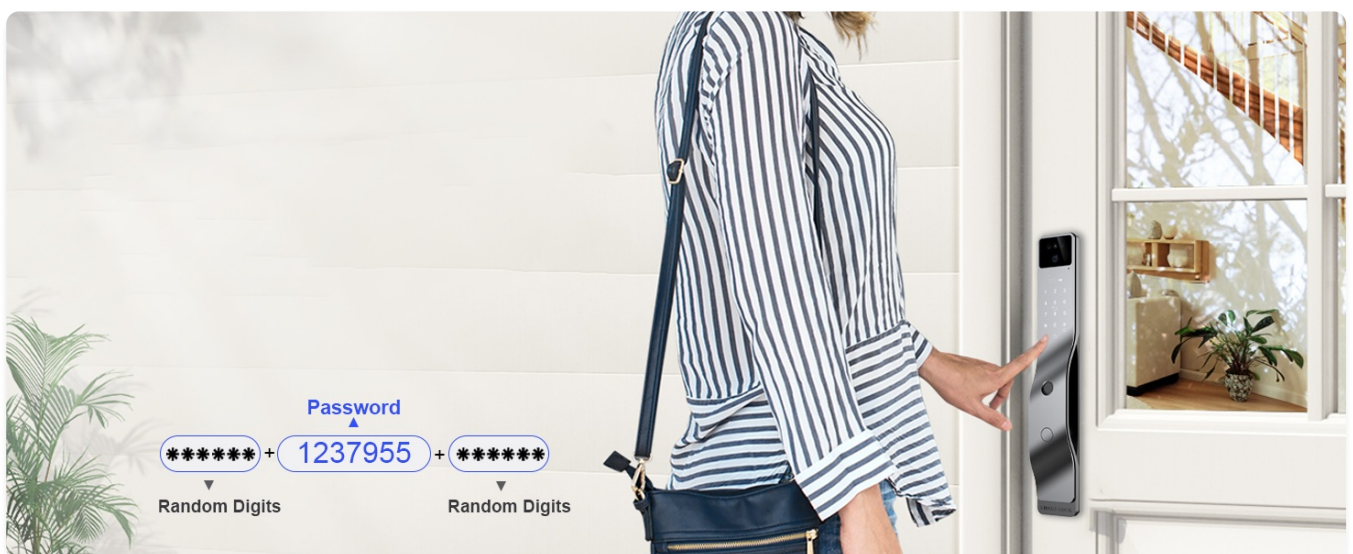


Image: A user entering a passcode on the smart lock's keypad, demonstrating the anti-peep feature with random digits.

- **IC Card:** Tap your registered IC card on the designated sensor area. The lock will verify the card and unlock.



Image: A user tapping an IC card on the smart lock to gain entry.

- **Physical Key:** Insert the physical key into the keyhole and turn to unlock manually. This method is available for emergency access.



Image: A close-up view of a physical key inserted into the smart lock's keyhole, demonstrating manual override.

- **Tuya App:** Use the Tuya Smart App on your smartphone to remotely unlock the door, generate temporary passcodes, or manage user access.

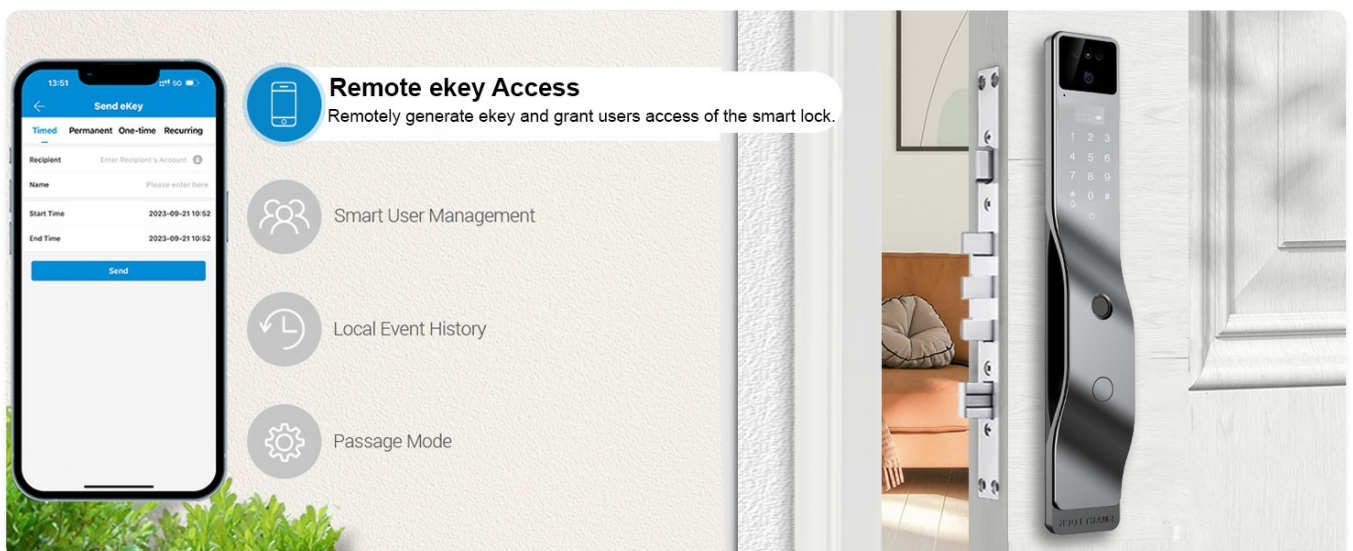


Image: The Tuya app interface displaying options for remote eKey access, smart user management, and event history.



Image: A smartphone displaying the Tuya app's feature for generating temporary passcodes.

6.2 Video Intercom and Doorbell

When a visitor presses the doorbell button on the lock, you will receive a notification on your Tuya app. You can then view the live feed from the 1080P camera and engage in two-way audio communication with the visitor.



Image: The smart door lock's exterior panel displaying a live video feed of a visitor, alongside a smartphone showing the same feed via the app.

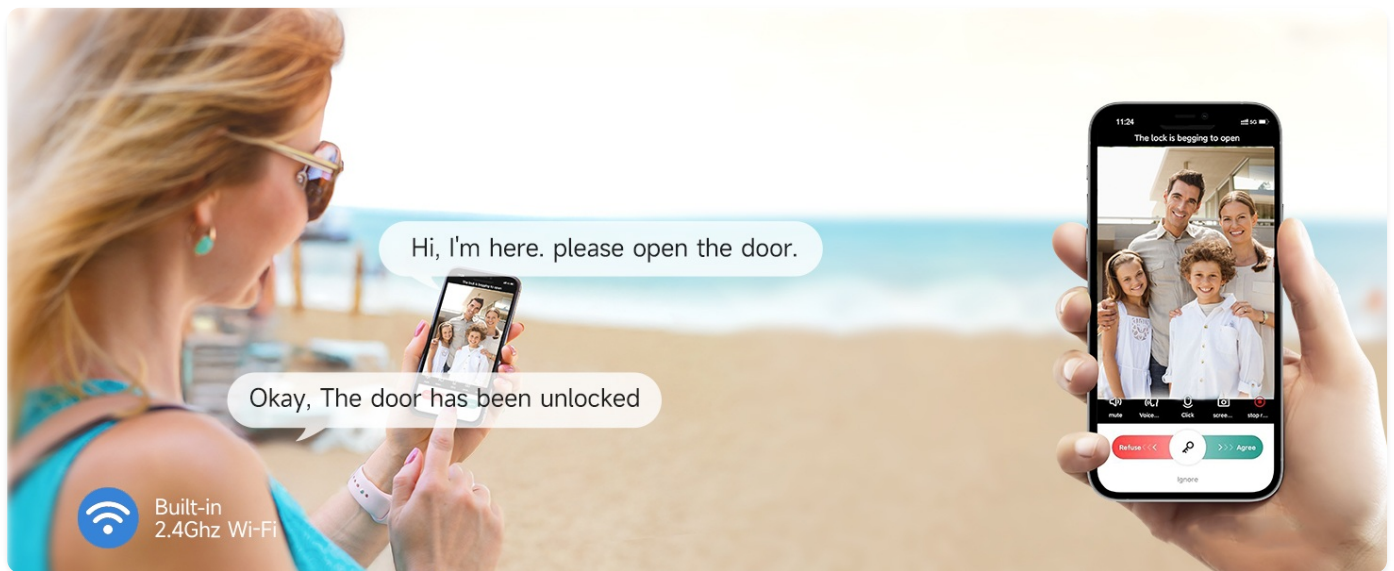


Image: A user communicating with a visitor through the smart lock's built-in video intercom using their smartphone.

6.3 Auto-Lock Function

The auto-lock feature automatically secures your door after a set period once it closes. You can customize the auto-lock timer settings within the Tuya app to suit your preferences.



Image: A person entering their home, with an icon indicating the automatic locking function of the smart door lock.

6.4 Voice Control Integration

Integrate your smart lock with Amazon Alexa or Google Assistant for convenient voice commands. Once connected, you can lock or unlock your door hands-free using simple voice prompts.



Image: A family interacting with a smart speaker to control the smart lock using voice commands, demonstrating Alexa and Google Assistant compatibility.

7. Maintenance

7.1 Battery Management

The smart lock is powered by a 4200mAh rechargeable lithium battery. A full charge typically lasts over 6 months. Recharge the battery using the provided USB-C cable when the low battery alert is triggered. The lock will provide an indicator light alert and app notification when the battery level is low.

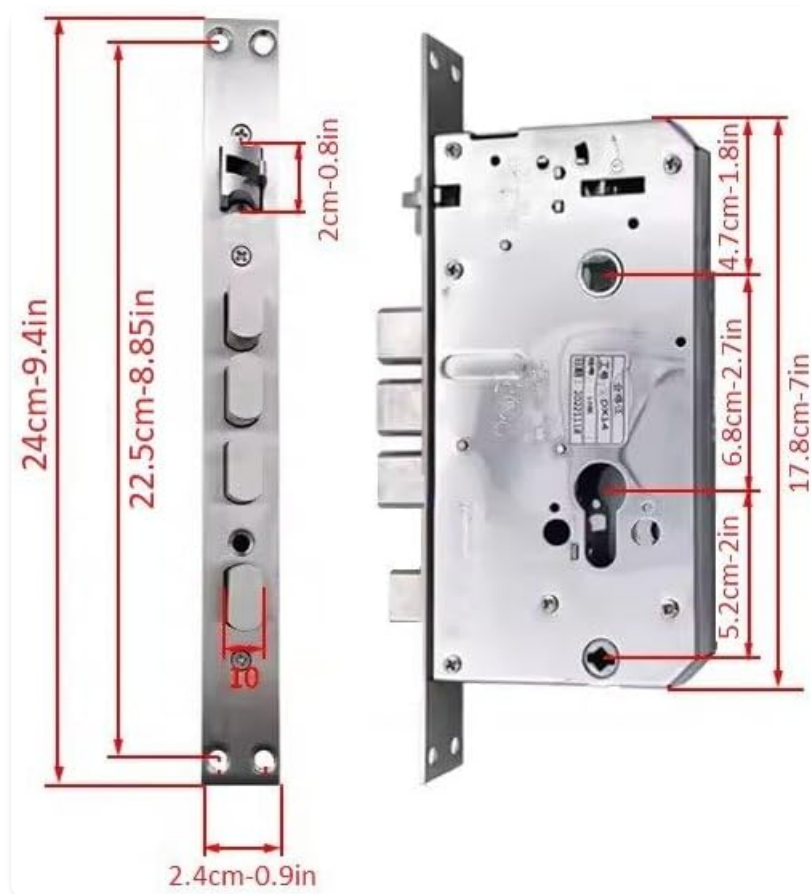


Image: The rechargeable lithium battery pack for the smart door lock, with icons indicating its power source and low battery alert feature.

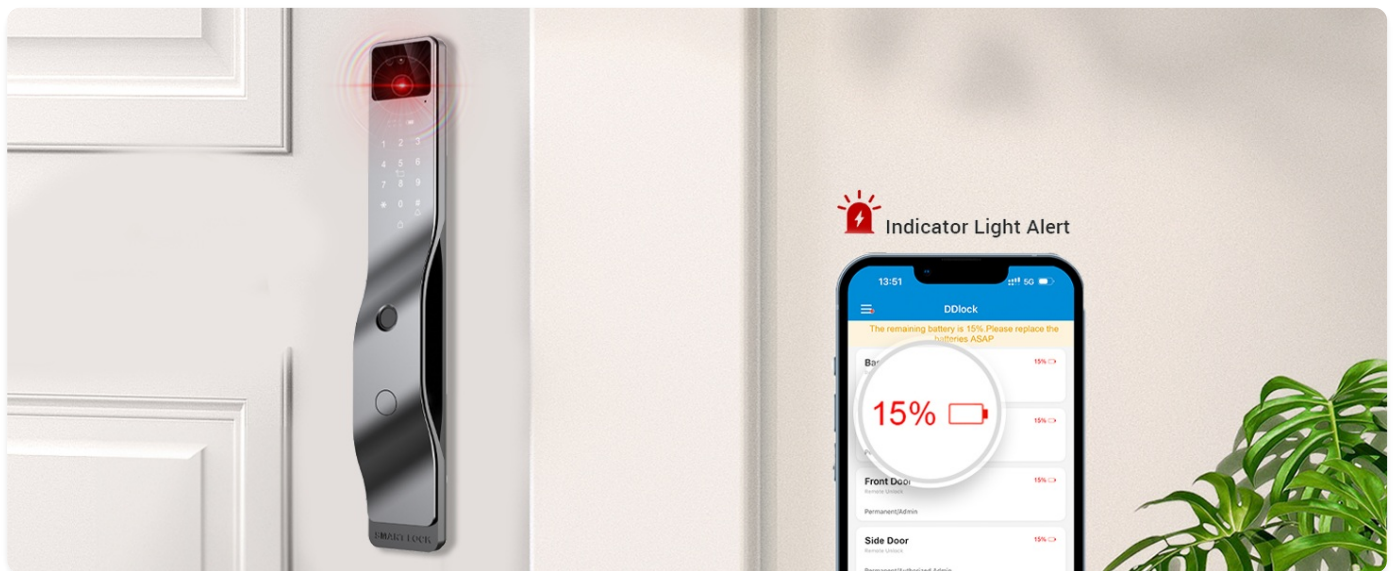


Image: The smart lock displaying a red indicator light for low battery, accompanied by a smartphone screen showing a 15% battery alert in the app.

7.2 Cleaning

Wipe the lock's exterior surfaces with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components. Ensure the camera lens and fingerprint sensor are clean for optimal performance.

8. Troubleshooting

Problem	Possible Cause	Solution
Lock not responding	Low battery; System error	Recharge battery; Use physical key; Restart lock by removing and reinserting battery.
Face ID / Fingerprint not working	Sensor dirty; Unregistered user; Poor lighting (for Face ID)	Clean sensor/camera; Ensure user is registered; Try different unlock method; Ensure adequate lighting for Face ID.
App connection issues	Wi-Fi signal weak; Incorrect Wi-Fi password; App outdated	Check Wi-Fi signal strength; Re-enter Wi-Fi password; Update Tuya app; Restart router and lock.
Doorbell not notifying app	App notifications disabled; Poor Wi-Fi connection	Enable app notifications in phone settings; Ensure stable Wi-Fi connection.

If issues persist, please contact customer support for further assistance.

9. Specifications

Feature	Detail
Model Name	3D Face Lock (F42YA)

Feature	Detail
Unlock Methods	3D Face ID, Fingerprint, Tuya App, Passcode, IC Card, Physical Key, Video Intercom
Camera Resolution	1080p HD
Connectivity	2.4GHz Wi-Fi, Bluetooth
Power Source	4200mAh Rechargeable Lithium Battery (USB-C charging)
Battery Life	6+ months per charge
Material	Aluminum Alloy
Water Resistance	IP65 Waterproof
Door Thickness Compatibility	45-90mm (Standard US Doors)
Dimensions (L x W x H)	16.7 x 2.8 x 3.9 inches
Item Weight	9.44 pounds
Compatible Devices	Tablet, Smartphone (iOS, Android)
Voice Assistants	Amazon Alexa, Google Assistant

10. Warranty and Support

For warranty information and technical support, please contact We Technology customer service. Details can typically be found on the product packaging or the official We Technology website. Please have your product model number (F42YA) and purchase details ready when contacting support.

Note: No official product videos from the seller were available in the provided data to embed in this manual.

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