

WINFREE 02T

WINFREE Smart Lock 02T Instruction Manual

Model: 02T

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WINFREE Smart Lock Model 02T. This smart lock is designed for sliding doors and windows, offering multiple entry methods for enhanced security and convenience. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PRODUCT FEATURES

- **5-in-1 Entry Methods:** Unlock using Fingerprint, Password, RFID Card, Mechanical Key, or the Tuya/Smart Life App.
- **Rechargeable Battery:** Equipped with a long-lasting rechargeable lithium-ion battery.
- **Extreme Temperature Resistance:** Operates reliably in temperatures ranging from -20°C to 60°C.
- **Tuya/Smart Life App Integration:** Remote control, temporary password generation, and access history tracking via smartphone app.
- **Easy Installation:** Designed for straightforward setup on compatible sliding doors and windows.
- **Enhanced Security:** Advanced locking mechanisms and multiple authentication options.
- **Semi-automatic Operation:** Requires manual push/pull of the plunger simultaneously with electronic unlock for secure engagement.

3. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation.



Image: WINFREE Smart Lock 02T package contents, showing the main lock unit, mechanical keys, RFID cards, and various installation accessories.

- WINFREE Smart Lock Unit (Front and Rear Panels)
- Mechanical Keys
- RFID Cards
- Installation Screws and Hardware
- Rechargeable Lithium-Ion Battery
- User Manual

4. SPECIFICATIONS

Feature	Specification
Brand	WINFREE
Model Name	02T

Feature	Specification
Lock Type	Biometric, Combination Lock, Deadbolt
Material	Aluminum
Dimensions (L x W x H)	9.63 x 1.73 x 1.38 inches
Item Weight	1.55 Pounds
Connectivity Protocol	Bluetooth (for App control)
Power Source	1 Lithium Ion battery (included)
Operating Temperature	-20°C to 60°C
Recommended Use	Sliding Doors and Windows in Home and Office



Image: Detailed technical drawing illustrating the precise dimensions of the WINFREE Smart Lock 02T unit.

5. INSTALLATION GUIDE

Proper installation is crucial for the optimal performance and security of your smart lock. Ensure your door meets the specified thickness requirements.

5.1 Door Thickness Compatibility

The WINFREE Smart Lock 02T is compatible with various door thicknesses. Different accessories are provided to accommodate these variations. Please refer to the diagram below to select the correct accessories for your door.

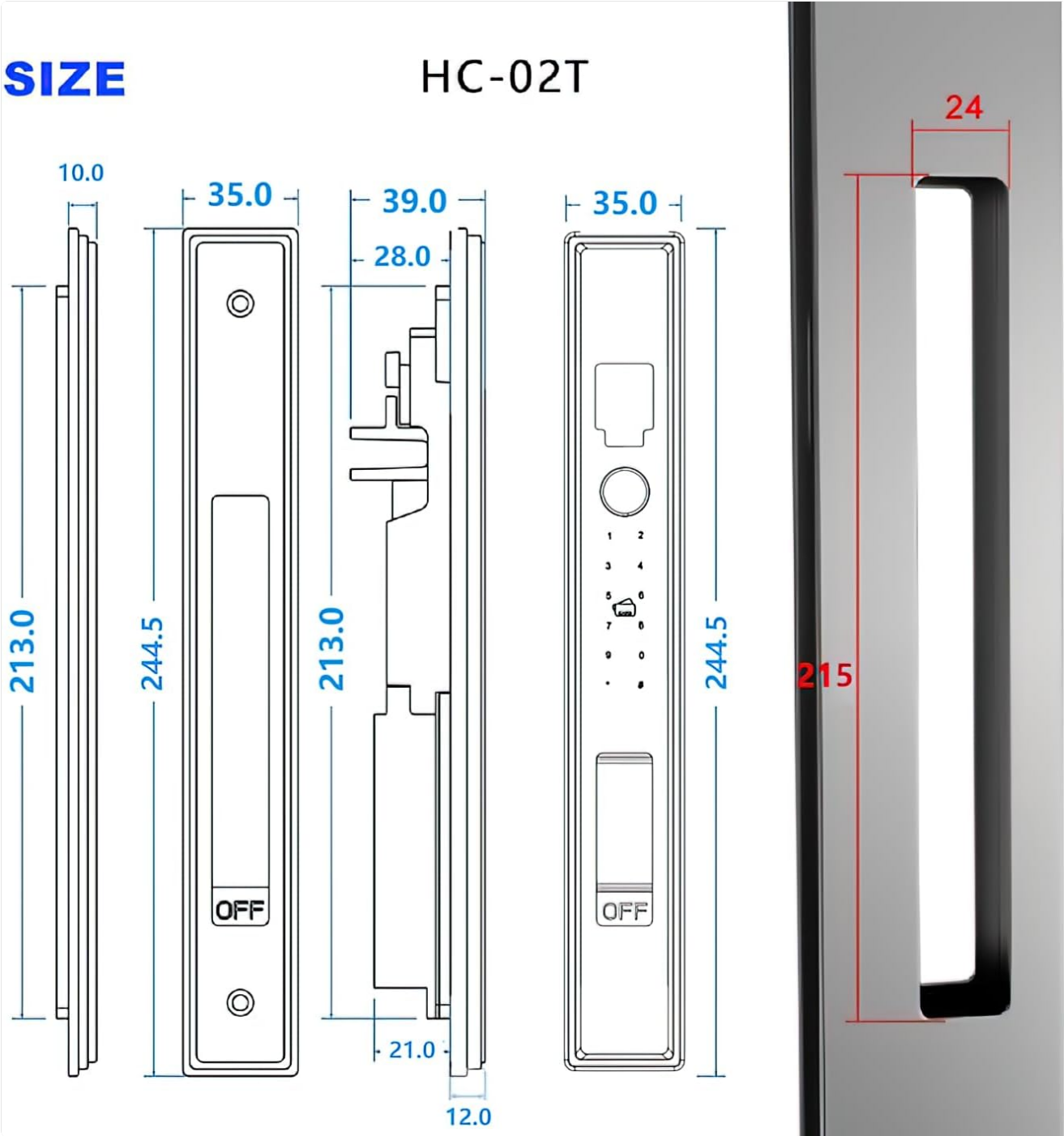


Image: Diagram illustrating the different latch accessories and their corresponding applicable door thicknesses for installation.

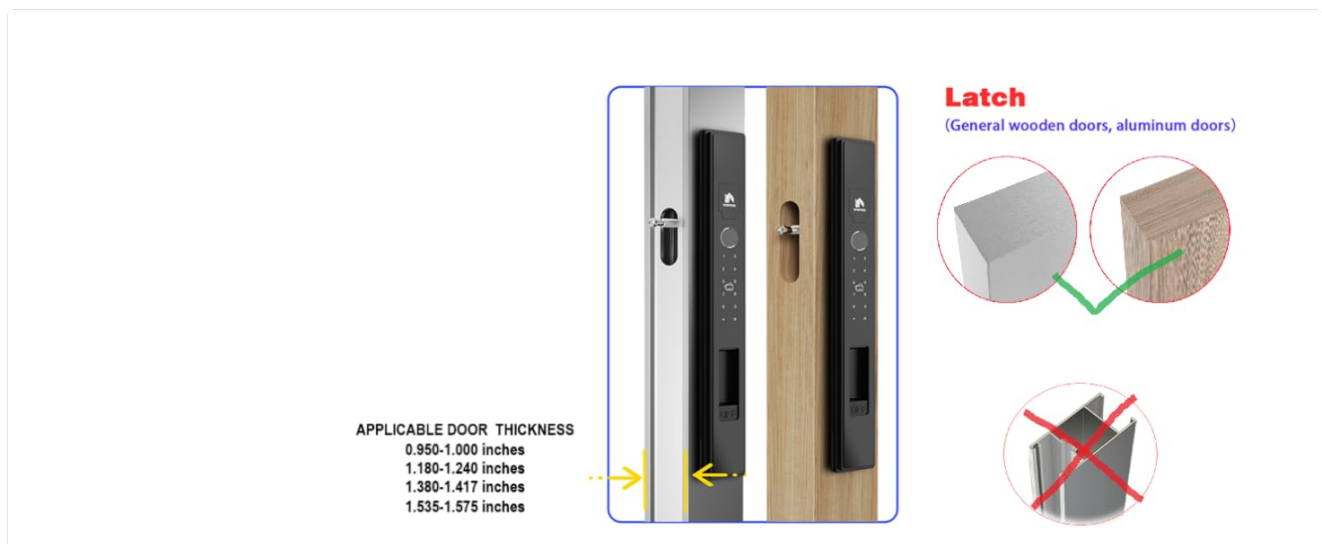


Image: Visual guide for determining the correct door thickness for smart lock installation.

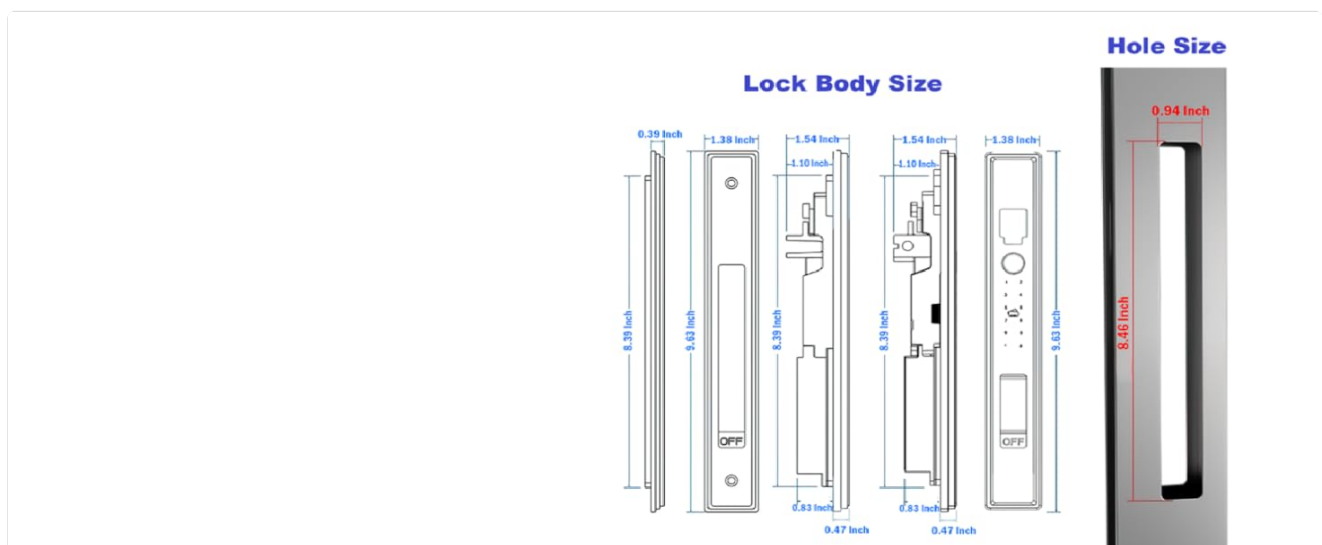


Image: Technical drawing detailing the lock body dimensions and the necessary door hole size for proper installation.

5.2 General Installation Steps

1. **Prepare the Door:** Ensure the door frame and the door itself are clean and free of obstructions. Verify that the door thickness and existing holes (if any) match the lock's requirements.
2. **Install the Mortise/Latch:** Insert the mortise or latch mechanism into the door edge. Secure it with screws.
3. **Install the Front Panel:** Route the cable through the door and attach the front panel, ensuring it aligns correctly with the mortise.
4. **Install the Rear Panel:** Connect the cable from the front panel to the rear panel. Secure the rear panel to the door using the provided screws.
5. **Insert Battery:** Open the battery compartment on the rear panel and insert the rechargeable lithium-ion battery.
6. **Test Functionality:** After installation, test all unlocking methods (key, fingerprint, password, card, app) to ensure the lock operates smoothly.



Image: Step-by-step guide for installing the smart lock accessories.

6. OPERATING INSTRUCTIONS

The WINFREE Smart Lock 02T offers multiple ways to unlock your door. Remember that this is a semi-automatic lock, requiring a manual push or pull of the plunger simultaneously with the electronic unlock action.

6.1 Fingerprint Unlock

Register your fingerprints through the Tuya/Smart Life app or directly on the lock. To unlock, place your registered finger on the fingerprint sensor. The lock will verify your fingerprint and unlock. Simultaneously, push or pull the plunger to open the door.

Fingerprint Unlock



**360° fingerprint
recognition support**



**Fast read speed
0.1s unlocking**



**Fingerprint
Unlock**



Image: A hand placing a finger on the biometric sensor of the WINFREE Smart Lock for fingerprint recognition.



Image: Visual representation of the fingerprint unlock feature, highlighting 360-degree recognition and fast unlocking.

6.2 Password Unlock

Enter your registered password on the keypad. The lock supports virtual passwords to prevent peeping. After entering the correct password, the lock will disengage. Simultaneously, push or pull the plunger to open the door.

Latch

(General wooden doors, aluminum doors)

NOTE: DIFFERENT ACCESSORIES ARE SUITABLE FOR DIFFERENT DOOR THICKNESSES



30-31.5MM

35-36MM



39-40MM

APPLICABLE DOOR THICKNESS

0) 24-25.5MM

1) 30-31.5MM

2) 35-36MM

3) 39-40MM

Image: A hand interacting with the keypad of the WINFREE Smart Lock to enter a password.

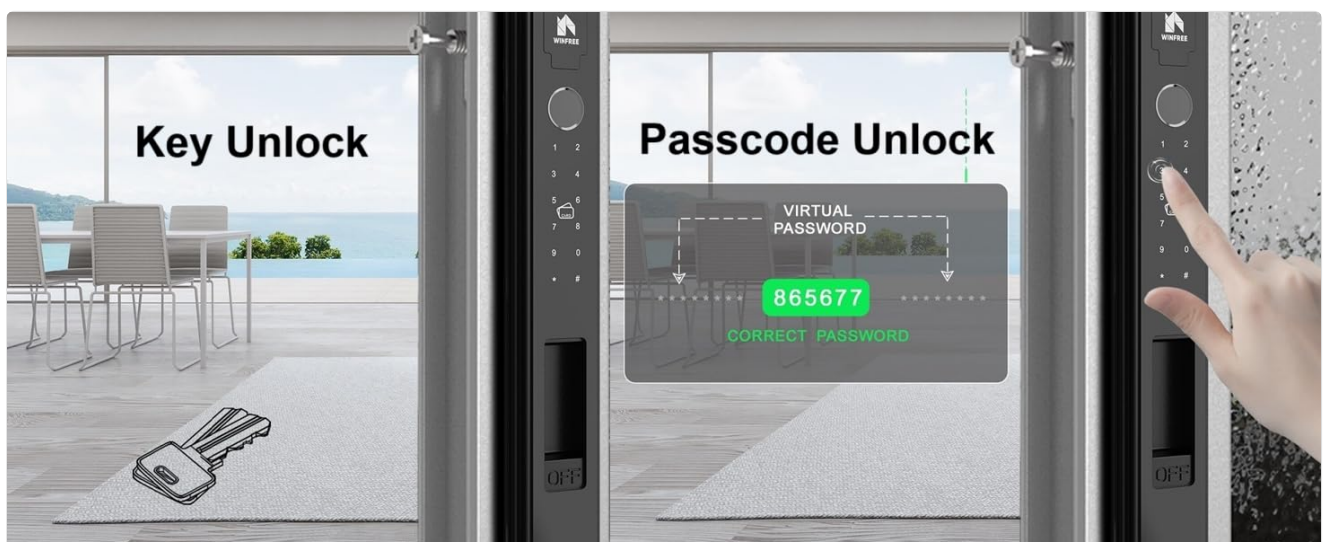


Image: Illustration of both passcode entry and mechanical key usage for unlocking the smart lock.

6.3 RFID Card Unlock

Present a registered RFID card to the card reader area on the lock. The lock will verify the card and unlock. Simultaneously, push or pull the plunger to open the door.

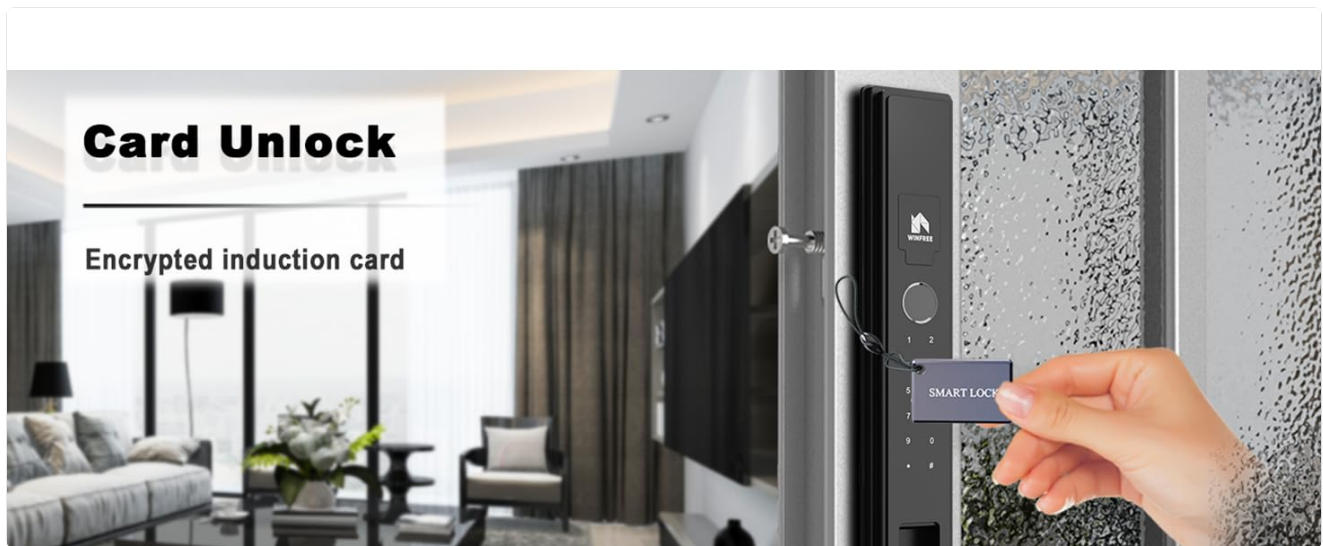


Image: Visual guide demonstrating the use of an encrypted induction card to unlock the smart lock.

6.4 Mechanical Key Unlock

In case of emergency or battery depletion, use the mechanical key provided. Insert the key into the keyhole and turn to unlock. Simultaneously, push or pull the plunger to open the door.

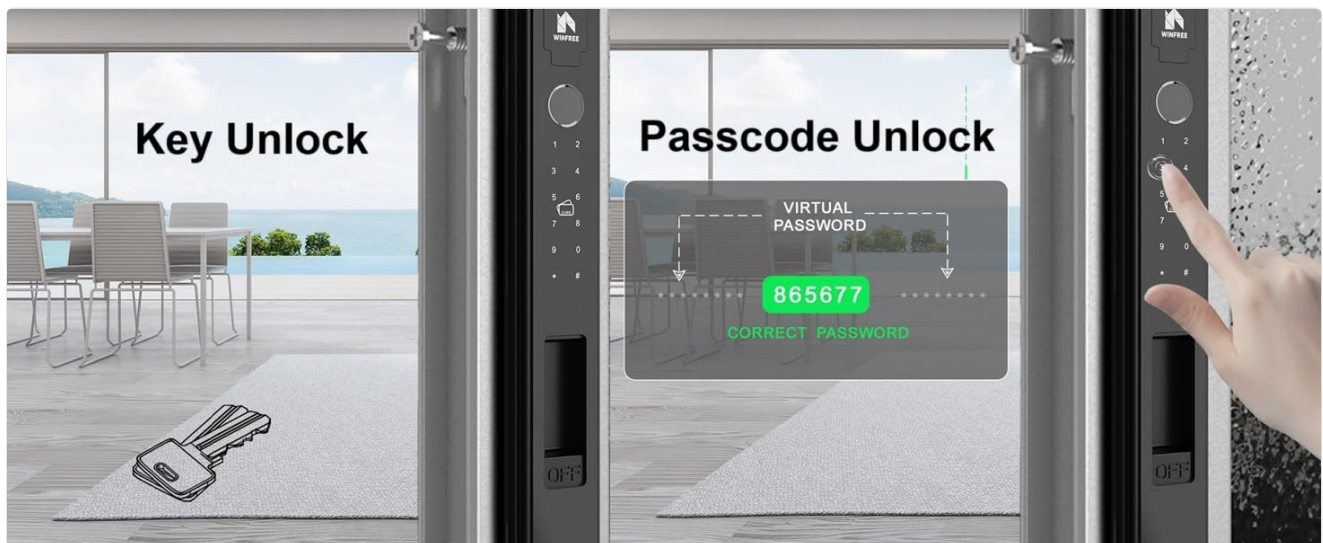


Image: Illustration of both passcode entry and mechanical key usage for unlocking the smart lock.

6.5 App Unlock (Tuya/Smart Life)

Download the Tuya or Smart Life app on your smartphone. Pair the lock with the app via Bluetooth. You can then unlock the door remotely, generate temporary passwords, and view access logs. Simultaneously, push or pull the plunger to open the door.

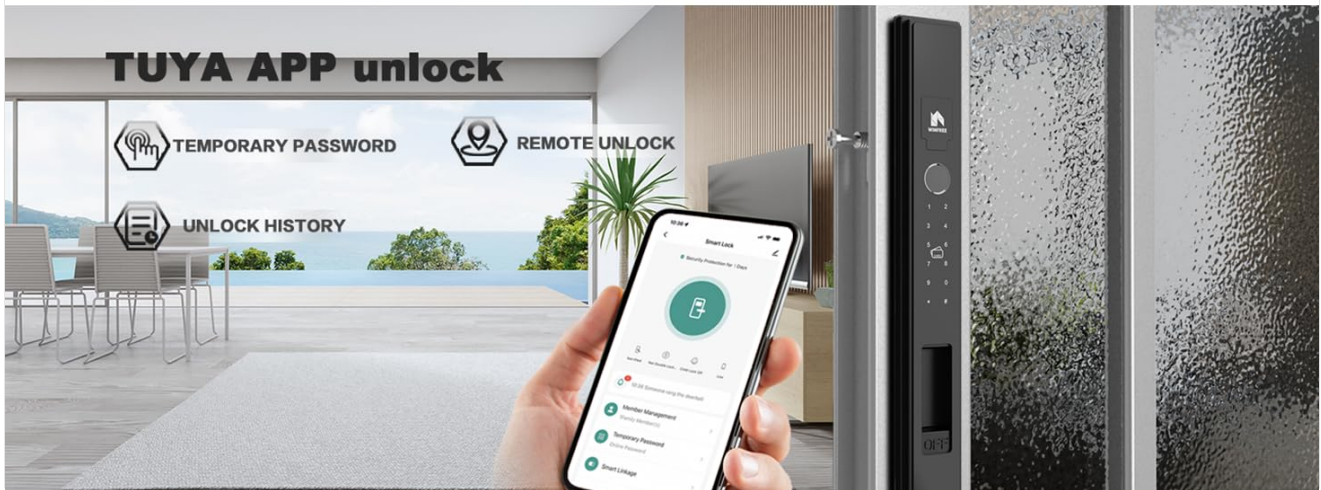


Image: Visual representation of the Tuya/Smart Life app interface for smart lock control, showing features like temporary password, remote unlock, and unlock history.

6.6 Lock and Unlock Operation

The WINFREE Smart Lock 02T operates semi-automatically. To lock, ensure the door is closed and slide the switch to the OFF position. To unlock, perform one of the electronic unlock methods (fingerprint, password, card, app) and then slide the switch to the ON position while simultaneously pushing or pulling the door plunger.



Image: Detailed diagram explaining the semi-automatic lock and unlock operation, including the plunger and switch positions.

Your browser does not support the video tag.

Video: Demonstration of the WINFREE Smart Lock 02T in operation, showcasing the locking and unlocking process using various methods.

7. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your WINFREE Smart Lock.

7.1 Battery Management

The lock is powered by a rechargeable lithium-ion battery. When the battery level is low, the lock will provide an indicator or audible alert. Recharge the battery using the Type-C power port located on the lock unit.



Image: Illustration indicating the location of the rechargeable battery and the Type-C charging port on the smart lock.

7.2 Cleaning

Clean the lock's surface with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components. Keep the fingerprint sensor and keypad free from dirt and moisture.

8. TROUBLESHOOTING

If you encounter issues with your WINFREE Smart Lock, refer to the following common problems and solutions:

- **Lock not responding:** Check battery level. If low, recharge the battery. If fully charged, try using the mechanical key.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint.
- **Password not working:** Verify the correct password is being entered. Ensure the keypad is clean.
- **App connectivity issues:** Ensure Bluetooth is enabled on your phone and the lock is within range. Restart the app and the lock if necessary.
- **Lock mechanism not engaging/disengaging:** Ensure the door is properly aligned and there are no obstructions. Remember to manually push or pull the plunger simultaneously with the electronic unlock action.

9. WARRANTY AND SUPPORT

WINFREE is committed to providing quality products and customer service. For any quality problems or installation issues, please refer to this instruction manual. Our professional customer service team is available to assist you.

For further assistance, please contact WINFREE customer support through the retailer where you purchased the product or visit the official WINFREE website for contact information.