

FJZKTEG f17heceecc90

Tuya WiFi Smart Door Lock User Manual

Model: X7 (f17heceecc90)

1. PRODUCT OVERVIEW

The FJZKTEG Tuya WiFi Smart Door Lock is an advanced biometric digital electronic lock designed for home use. It integrates multiple unlocking methods including fingerprint, password, RFID cards, and mechanical keys, along with WiFi connectivity for remote control via the Tuya APP. This manual provides detailed instructions for installation, operation, and maintenance of your smart door lock.



Image: Front and back view of the FJZKTEG Tuya WiFi Smart Door Lock, showcasing the sleek black design with a numeric keypad and fingerprint sensor on the front handle, and a plain black handle for the interior.

2. PRODUCT SPECIFICATIONS

- **Material:** Aluminum alloy
- **Unlocking Methods:** WiFi Tuya APP, Fingerprint, Password, RFID Cards, Mechanical keys
- **Fingerprint Capacity:** 100
- **Card Capacity:** 100
- **Password Capacity:** 100

- **Working Frequency:** 13.56MHz (IC)
- **Fingerprint Reader:** Semiconductor sensor
- **Handle Direction:** Reversible (can be adjusted freely)
- **Read Time:** 0.3 seconds
- **Working Power:** 4x AAA battery (Not included)
- **Emergency Power:** USB Type-C charging port
- **Operating Temperature:** -20 to 60°C
- **Suitable Door Thickness:** Approximately 35-55mm
- **Application:** Wooden Door / Metal Door
- **Model Name:** f17heceecc90
- **Item Weight:** 50 Grams (1.76 ounces)



Image: This image displays the various components included with the smart door lock, such as the front and back handles, two mechanical keys, two smart RFID cards, the latch mechanism (available in 60mm and 70mm backset options), and the strike plate. It also highlights the Tuya Smart Life and WiFi logos, indicating app and connectivity support.

3. KEY FEATURES

- **WiFi Connectivity:** Remote unlocking and monitoring via the Tuya mobile application.
- **Integrated Design:** Door lock and handle are integrated for a sleek appearance and enhanced security against brute force.
- **Biometric Security:** Advanced fingerprint recognition ensures secure access.
- **Multiple Unlocking Options:** Supports fingerprint, password, RFID cards, mechanical keys, and Tuya APP.
- **Virtual Password:** Enter correct password amidst garbled code for enhanced security.
- **Normally Open Mode:** Allows the door to remain unlocked for frequent entry/exit.
- **Long Battery Life:** Powered by 4 AAA batteries (not included).
- **Emergency Power:** Type-C USB port for emergency charging.

- **Smart Management:** Manage users, view unlock records, and receive real-time status updates via the Tuya APP.
- **High Compatibility:** Suitable for various door types (wooden, metal) and materials.



Image: This visual highlights several key features of the smart lock, including support for 6 languages (Russian, Portuguese, Arabic, Vietnamese, Spanish), over 10 months of battery life, and seamless integration with the Tuya Smart Life app for remote control and monitoring. It also shows the lock installed on a door.

4. SETUP AND INSTALLATION

The FJZKTEG Smart Door Lock is designed for easy replacement of existing door locks. Ensure your door thickness is between 35-55mm for proper installation.

4.1 Handle Direction Adjustment

The handle direction is reversible and can be adjusted to suit left or right-handed door configurations. Refer to the detailed installation guide provided in the product packaging for specific steps on how to reverse the handle direction if needed.

4.2 Compatibility

This smart lock is compatible with multiple lock bodies and can replace various traditional door handles. It is suitable for both wooden and metal doors.



Image: This image illustrates the smart lock's high compatibility, showing how it can replace different types of existing door handles and lock bodies. It depicts the smart lock being installed on various door types, including modern and traditional designs, highlighting its versatility.

4.3 Battery Installation

The lock requires 4 AAA batteries (not included). Install them according to the polarity markings inside the battery compartment. Ensure batteries are inserted correctly for proper operation.

5. OPERATING INSTRUCTIONS

The smart door lock offers multiple convenient ways to unlock your door.

5.1 Unlocking Methods

- **Tuya APP Remote Unlock:** Use the Tuya APP on your smartphone to unlock the door remotely. Press the "#" key on the lock first, then the lock will send an unlock request to your Tuya APP.
- **Temporary Password Unlock:** Generate temporary passwords via the Tuya APP for guests or one-time access. These passwords can be set to be valid for a specific period.
- **Fingerprint Unlock:** Place your registered finger on the semiconductor sensor for quick access.
- **RFID Card Unlock:** Swipe a registered 13.56MHz IC card over the designated area on the lock. This is useful if fingerprint recognition is difficult (e.g., for elderly users with damaged fingerprints).
- **Password Unlock:** Enter your registered digital password on the keypad. The lock supports virtual password unlock, allowing you to enter the correct password in the middle of a garbled code sequence for added security.
- **Mechanical Key Unlock:** Use the provided mechanical keys as a backup unlocking method, especially in case of power failure.
- **Indoor Handle Unlock:** Simply press the handle from the inside to unlock and open the door.

Support Tuya APP, Fingerprint, RFID card, password to open the door

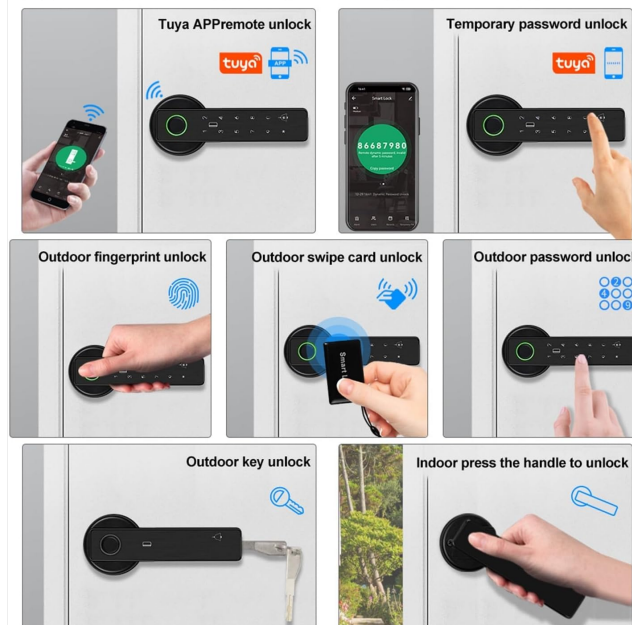


Image: This comprehensive diagram illustrates all supported unlocking methods: Tuya APP remote unlock, temporary password unlock, outdoor fingerprint unlock, outdoor swipe card unlock, outdoor password unlock, outdoor key unlock, and indoor handle press to unlock. Each method is shown with a corresponding visual.

Support RFID Card, Password to unlock the door

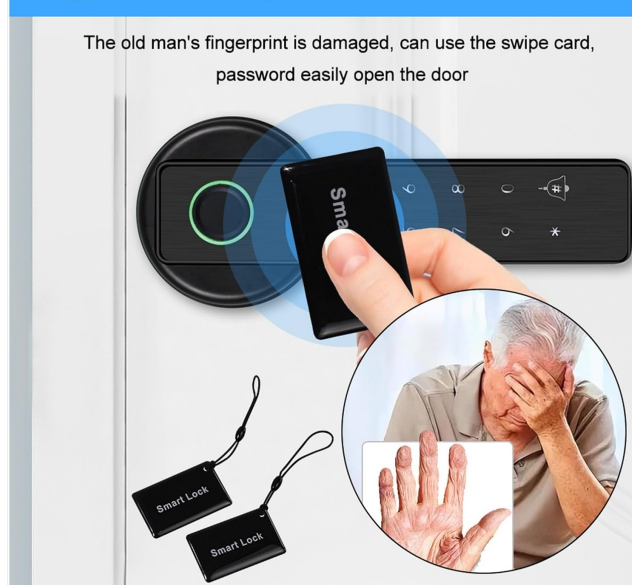


Image: This image highlights the utility of RFID card and password unlocking methods, particularly for individuals whose fingerprints may be damaged or difficult to read, such as the elderly. It shows a smart card being swiped over the lock's sensor.

5.2 Tuya APP Functions

- **Remote Unlock:** Unlock the door from anywhere using the Tuya APP.
- **Periodic Passwords:** Set passwords that are valid for a specific duration.
- **Unlock Records:** View a history of all unlocking events.
- **User Management:** Add or delete fingerprint, card, and password users.

Tuya APP Temporary Password Remotely Unlock

When you're not home, can set Tuya APP temporary password.
Copy password, Share password via wechat, email and SMS to unlock.



Image: This image displays the Tuya APP interface, specifically demonstrating the feature to generate and share temporary passwords remotely. It shows a smartphone screen with a dynamic password and options to copy or share it via various messaging platforms, enabling convenient access for visitors when the user is not home.

5.3 Normally Open Mode

The lock can be set to a "Normally Open" mode, allowing the door to remain unlocked. This is useful for periods of frequent entry and exit. The lock can operate in temperatures ranging from -40°C to 70°C.

Can set normally open mode.

Frequent entry and exit can be set to normally open model
Temperature - 40 to 70°C can be used



Image: This image illustrates the "Normally Open" mode feature, where the smart lock allows the door to remain continuously unlocked. It also indicates the wide operating temperature range of -40°C to 70°C, ensuring functionality in various climates.

6. MAINTENANCE

- **Battery Replacement:** Replace the 4 AAA batteries when the low battery indicator appears or when the lock's performance degrades. Always use new, high-quality batteries.
- **Cleaning:** Wipe the lock's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

- **Fingerprint Sensor:** Keep the fingerprint sensor clean and dry for optimal performance.
- **Mechanical Parts:** Periodically check the mechanical components for any signs of wear or looseness. Do not lubricate the lock cylinder unless specifically instructed by the manufacturer.

7. TROUBLESHOOTING

- **Lock Not Responding:** Check battery levels. If batteries are depleted, use the Type-C USB port for emergency power or the mechanical key.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint if the issue persists.
- **Password Not Working:** Verify the correct password is being entered. Ensure no virtual password sequence errors.
- **RFID Card Not Working:** Ensure the card is correctly registered. Try re-registering the card.
- **App Connectivity Issues:** Ensure your lock is within WiFi range and connected to your home network. Check your router and internet connection. Restart the Tuya APP.
- **Handle Loose:** Check the mounting screws and tighten them if necessary.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product packaging or contact FJZKTEG customer service directly. Keep your purchase receipt as proof of purchase.

Manufacturer: f17heceecc90

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