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> [Bluetooth Tuya App Fingerprint Smart Door Lock Gate Password RFID Card Rim Bolt Lock Electronic Door Lock\(Single-Finger\) User Manual](#)

FIRU **liujinbshop**

FIRU Bluetooth Tuya App Fingerprint Smart Door Lock User Manual

Model: liujinbshop

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your FIRU Bluetooth Tuya App Fingerprint Smart Door Lock. Please read this manual carefully before installation and use to ensure proper function and safety.

The FIRU Smart Door Lock offers multiple unlocking methods including fingerprint, password, RFID card, mechanical keys, and control via the Tuya Smart App. It is designed for various door types, including steel, wooden, brass, and stainless steel doors, with a thickness range of 20-55mm.



Figure 1.1: Main components of the FIRU Smart Door Lock, showing the external keypad unit with fingerprint reader and the internal lock body.



Figure 1.2: The smart lock highlighting its compatibility with Tuya Smart Life and Bluetooth connectivity.

2. SAFETY INFORMATION

- Ensure all components are present and undamaged before installation.
- Do not expose the lock to direct water or extreme temperatures, as it is not waterproof.
- Use only dry batteries for power supply. Do not use rechargeable batteries unless specified.
- Keep mechanical keys in a safe place outside the property to prevent lockout in case of battery depletion or system malfunction.
- Change default passwords immediately after installation.
- Consult a professional if you are unsure about any installation steps.

3. PRODUCT COMPONENTS AND DIMENSIONS

The smart lock system consists of an external keypad unit and an internal lock body, along with mounting hardware.

3.1 External Keypad Unit



Figure 3.1: Dimensions of the external keypad unit (front panel) showing fingerprint reader, password input keys, magnetic card induction area, one-key doorbell, hide keyhole, and emergency power supply hole. Dimensions are approximately 168mm (height) x 59mm (width) x 34mm (thickness).

3.2 Internal Lock Body



Figure 3.2: Dimensions of the internal lock body showing LED lights, stainless steel bolt, indoor unlocking knob, and hall sensor. Dimensions are approximately 127mm (width) x 96mm (height) x 44mm (thickness). The bolt mechanism dimensions are also shown.

3.3 Key Features Overview

- **Fingerprint Recognition:** High-precision semiconductor fingerprint sensor for quick and secure unlocking.
- **Password Unlock:** Numeric keypad for setting and entering digital passwords.
- **RFID Card Unlocking:** Supports RFID cards for convenient access control.
- **Tuya Smart App Control:** Remote control, temporary password generation, and direct unlocking via smartphone.
- **Mechanical Key Override:** Traditional keyhole for emergency access.
- **Emergency Power:** Micro-USB port for temporary power supply in case of battery depletion.



Figure 3.3: Detailed view of the mechanical keyhole and the emergency power supply (Micro-USB) port located on the bottom of the external unit.

4. SETUP AND INSTALLATION

Before starting, ensure your door thickness is between 20-55mm. The handle direction is reversible, allowing for flexible installation.

4.1 Pre-installation Checklist

- Verify all parts are included in the package.
- Prepare necessary tools: screwdriver, drill (if new holes are needed), measuring tape.
- Ensure the door frame is sturdy and aligned.

4.2 Installation Steps (General Guide)

1. **Prepare the Door:** If replacing an existing lock, remove it. If it's a new installation, mark and drill holes according to the provided template (not included in this manual, refer to product packaging).
2. **Install Mortise/Bolt:** Insert the bolt mechanism into the door edge and secure it with screws.
3. **Install External Unit:** Pass the spindle and connecting cables through the door. Position the external keypad unit.
4. **Install Internal Unit:** Connect the cables from the external unit to the internal unit. Secure the internal unit to the door using mounting screws.
5. **Install Batteries:** Open the battery compartment on the internal unit and insert the required dry batteries (e.g., AA batteries, not included).
6. **Test Functionality:** After installation, test all unlocking methods (mechanical key, initial password) to ensure proper operation before closing the door.

Note: Detailed installation diagrams and templates are typically provided with the physical product. This section provides a general overview.

5. OPERATING INSTRUCTIONS

5.1 Initial Setup and User Management

Upon first power-up, the lock will be in factory default mode. Refer to the product's specific instructions for setting up the administrator password/fingerprint.

- **Adding Administrator:** Typically, the first fingerprint or password registered becomes the administrator.
- **Adding Users:** As an administrator, you can add additional fingerprints, passwords, and RFID cards for other users.
- **Deleting Users:** Administrators can delete individual users or reset the lock to factory settings.

5.2 Unlocking Methods

- **Fingerprint Unlock:**
Place your registered finger on the fingerprint sensor. The lock will unlock upon successful recognition.



Figure 5.1: Demonstrating the one-touch fingerprint unlocking method.

- **Password Unlock:**

Enter your registered password on the keypad, followed by the '#' key (or equivalent confirmation key). The lock will unlock if the password is correct.

- **RFID Card Unlock:**

Tap your registered RFID card on the card induction area (usually marked "CARD" or near the keypad). The lock will unlock upon successful card recognition.

- **Mechanical Key Unlock:**

Insert the mechanical key into the hidden keyhole and turn to unlock the door. This is primarily for emergency use.

- **Tuya Smart App Unlock:**

Download the Tuya Smart or Smart Life app from your app store. Register an account and add your smart lock device. From the app, you can remotely unlock the door, generate temporary passwords, and manage users.

Ensure Bluetooth is enabled on your phone for initial pairing and local control.

5.3 Locking the Door

The lock typically auto-locks after a few seconds of closing the door. You can also manually lock it from the inside using the knob or from the outside by pressing a specific key (e.g., '#' or a lock icon) or by simply closing the door.

6. MAINTENANCE

- **Battery Replacement:** Replace batteries promptly when the low battery warning is indicated (audible alarm or light indicator). Use high-quality dry batteries.
- **Cleaning:** Wipe the lock surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as they may damage the finish or electronic components.
- **Fingerprint Sensor:** Keep the fingerprint sensor clean and dry for optimal performance.
- **Mechanical Parts:** Periodically check screws and connections to ensure they are secure. Do not lubricate the lock cylinder unless specifically recommended by the manufacturer.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace batteries. Use emergency power supply (Micro-USB) if needed.
Fingerprint not recognized.	Finger is wet/dirty; sensor is dirty; unregistered fingerprint.	Clean finger and sensor. Re-register fingerprint if necessary. Try another registered fingerprint or unlocking method.
Password not accepted.	Incorrect password entered; password not confirmed correctly.	Ensure correct password and confirmation key. Reset password if forgotten (requires administrator access).
Lock does not auto-lock.	Auto-lock feature disabled; door not fully closed.	Check settings in the Tuya app or lock menu. Ensure door is fully closed and aligned.
Cannot connect to Tuya App.	Bluetooth off; lock not in pairing mode; app issues.	Ensure Bluetooth is on. Follow app pairing instructions. Restart app/phone.

8. SPECIFICATIONS

Feature	Detail
Model Number	liujinbshop (VD06-tuya-wifi)
Power Supply	DRY BATTERY
Protection Level	No Waterproof
Fit Door Thickness	20-55mm
Suitable Door Type	Steel Door, Wooden Door, Brass Door, Stainless Steel Door
Finish Type	Powder Coated
Doorknob Function	Biometric, Key & Keypad
Connectivity	Bluetooth, Tuya Smart Home Platform
Ways To Unlock	APP, Bluetooth, Mechanical Keys, Card, Password, FINGERPRINT
Material	Aluminium Alloy
Handle Direction	Direction Reversible
Product Dimensions (L x W x H)	Approx. 2.54 x 2.54 x 2.54 cm (50 Grams) / 25 x 25 x 25 mm
Item Weight	50 g
Color	Single-finger (refers to variant color)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the specific warranty card included with your product or contact the retailer/manufacturer directly. Keep your purchase receipt as proof of purchase.

For technical support or further assistance, please contact FIRU customer service through the contact information provided in your product packaging or on the official FIRU website.

Note: Specific warranty terms and support contact details are not provided in this general manual.