

JUCFRDNJ DF06

JUCFRDNJ Smart Door Lock User Manual

Model: DF06

1. INTRODUCTION

Thank you for choosing the JUCFRDNJ Smart Door Lock. This advanced security device integrates multiple unlocking methods including 3D face recognition, fingerprint, password, IC card, mechanical key, and mobile application control. Designed for enhanced home security and convenience, this manual provides essential information for installation, operation, and maintenance.

Key features include:

- IP67 waterproof design for stable operation in various weather conditions.
- Multiple unlocking methods: 3D Face Recognition, Fingerprint, Password, IC Card, Mechanical Key, and APP.
- Anti-snooping virtual password technology.
- Built-in doorbell, camera, and screen for enhanced monitoring.
- Low power intelligent technology with long standby battery life.
- Remote management via Tuya App (WiFi connectivity).

2. PACKAGE CONTENTS

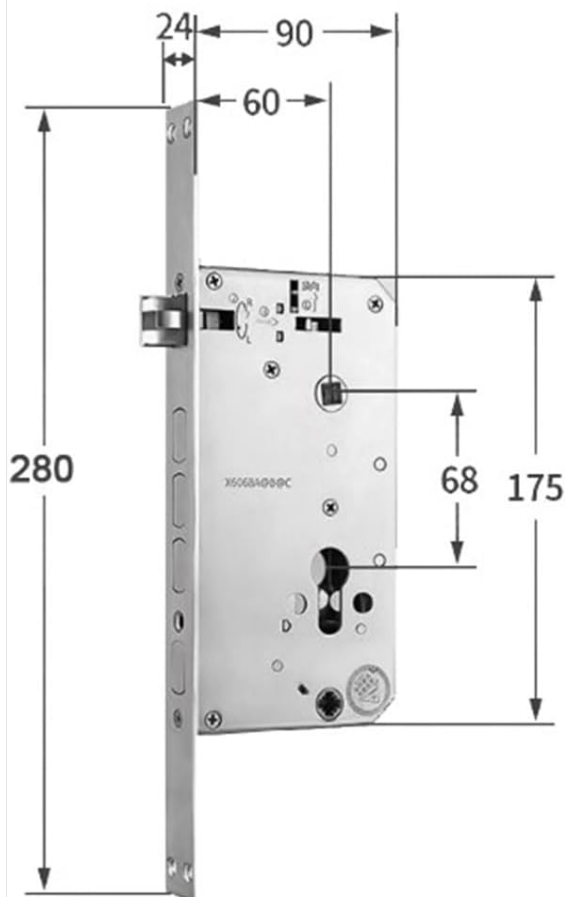
Please verify that all components are present in your package:

- Front lock unit (1)
- Rear lock unit (1)
- Lithium battery (1)
- Hardware accessories package (1)
- IC Card (2)
- Lock body (1)
- Door frame edge (1)
- Lock cylinder (1)

- Lock cylinder accessories package (1)
- Mechanical key (2)
- Data cable (1)
- Punch template (1)
- English manual (1)

Choose the appropriate mortise

24*280mm (6068)



**Universal Right / Left direction
(can be adjust free)**



Standard accessories

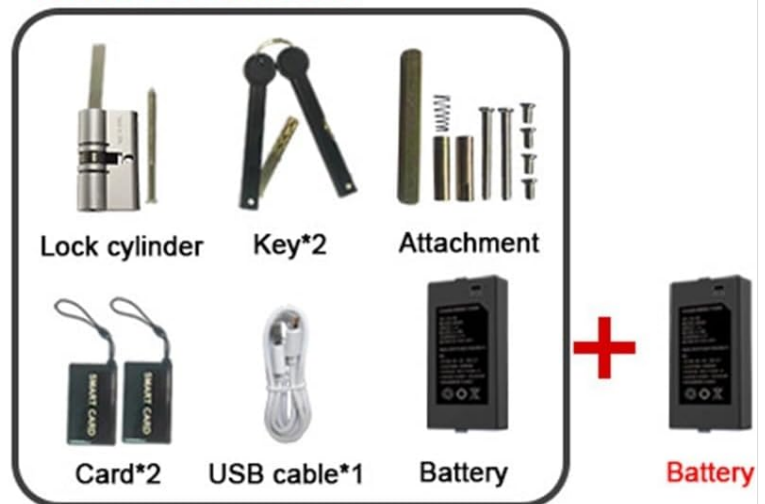


Image: Overview of the smart door lock package contents, including the lock units, battery, IC cards, keys, USB cable, and various accessories. Also shown are the dimensions for the 24x280mm (6068) mortise.

3. PRODUCT COMPONENTS OVERVIEW

Familiarize yourself with the main components of your smart door lock:



Image: Detailed view of the smart door lock's front and rear units with key components labeled. The front unit features a 3D face camera, HD camera, night vision light filler, fingerprint recognition area, digital code area, magnetic card swipe area, and doorbell. The rear unit includes an IPS HD built-in display, on-screen buttons, one-click unlock/lock, quick open handle, interior lock button, emergency keyhole, emergency charging port, and body sensing.

- **3D Face Camera:** For secure and rapid face recognition.
- **HD Camera:** Provides clear video feed for monitoring.
- **Night Vision Light Filler:** Enhances visibility in low-light conditions.
- **IPS HD Built-in Display:** For clear visual feedback and interaction.
- **On-screen Button:** Navigational controls on the display.
- **Fingerprint Recognition:** High-speed semiconductor fingerprint sensor.
- **Digital Code Area:** Touchscreen keypad for password entry.
- **Magnetic Card Swipe Area:** For IC card unlocking.
- **Doorbell:** Integrated doorbell function.
- **Quick Open Handle:** For manual egress from the inside.
- **Interior Lock Button:** For privacy and security from inside.
- **Emergency Keyhole:** For mechanical key override.

- **Emergency Charging Port:** USB port for temporary power in case of battery depletion.
- **Body Sensing:** Detects presence for activation.

4. SETUP AND INSTALLATION

The JUCFRDNJ Smart Door Lock is designed for straightforward installation. It is compatible with various door types including Steel, Wooden, Brass, and Stainless Steel doors, with a suitable door thickness range of 40-120mm. The lock uses a 6068 mortise.

4.1 Pre-installation Check

- Ensure your door thickness is within 40-120mm.
- Confirm your door's mortise type is compatible with 6068.
- Verify all package contents are present.

4.2 Installation Steps (General)

1. Use the provided punch template to mark and drill holes on your door.
2. Install the lock body into the door. Ensure the universal right/left direction can be adjusted freely.
3. Connect the cables between the front and rear lock units.
4. Mount the front and rear lock units onto the door, securing them with the provided hardware.
5. Insert the lithium battery into the designated compartment.
6. Test the lock's basic functions (e.g., mechanical key, handle operation).

For detailed, step-by-step installation instructions, please refer to the included English manual and the punch template.

5. OPERATING INSTRUCTIONS

The JUCFRDNJ Smart Door Lock offers multiple convenient ways to unlock your door:

9 Unlock mode

Cater for the whole family



Image: Visual representation of the nine available unlock modes: Face Recognition, Swipe Card Unlocking, Fingerprint Unlocking, Remote Unlocking, Password Unlocking, Temporary Key, Unlock with a Key, Dual Verification, and NFC Unlocking.

5.1 Unlocking Methods

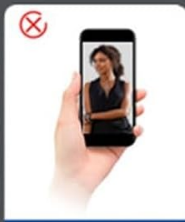
- **Face Recognition:**

The lock features true 3D face recognition technology, capable of identifying your face in less than 0.5 seconds. Simply approach the lock, and it will automatically scan and unlock. This method is secure against photos and videos.

True 3D face recognition



Not afraid of photos



Not afraid of video



<0.5s

Face recognition speed

Look away for a second Your face is the key to your house

When you go to the door, you automatically brush your face and unlock the whole process without feeling free your hands and bring you home experience in one go



Image: Depicts the 3D face recognition in action, highlighting its speed (less than 0.5 seconds) and security against photos and videos.

- **Fingerprint Unlocking:**

Utilize the semiconductor fingerprint recognition for quick and secure access. The system boasts an efficient identification process with a recognition speed of less than 0.5 seconds and a rejection rate of less than 0.01%.

Semiconductor fingerprint recognition

Security and anti-counterfeiting open with light touch

Efficient identification, fingerprint replication is faster and safer than traditional optical fingerprint acquisition and identification



Image: Illustrates the semiconductor fingerprint recognition technology, emphasizing its speed and low rejection rate for secure access.

- **Password Unlocking:**

Enter your digital password on the keypad. The lock supports a 20-bit virtual password anti-snooping technology, allowing you to input random numbers before or after your correct password to prevent others from guessing it.

Anti-snooping virtual password

Open the door without hiding

20-bit virtual password anti-snooping technology, guests can enter the password at random when they enter the password without embarrassment, as long as one of them is a continuous and complete real password



You can enter any number before or after the correct password
The lock can be unlocked as long as it contains consecutive correct passwords

correct password to enhance security and prevent shoulder surfing.

- **IC Card Unlocking:**
Swipe the provided IC cards over the designated area on the lock for quick entry.
- **Mechanical Key:**
In case of emergency or battery depletion, use the mechanical keys provided to unlock the door.
- **APP (WIFI) Unlocking:**
Connect the lock to your home WiFi network and manage it via the WisHome App. This allows for remote unlocking, viewing lock status, generating temporary passwords, and reviewing access logs.

5.2 App Connectivity and Features

The JUCFRDNJ Smart Door Lock integrates with the WisHome App, providing comprehensive control and monitoring capabilities:

- **Remote Unlock:** Unlock your door from anywhere using your smartphone.
- **Real-time Monitoring:** View the status of your door lock and receive notifications.
- **Access Logs:** Review who entered and when.
- **Temporary Passwords:** Generate time-limited passwords for guests or service providers.
- **User Management:** Add or remove users, fingerprints, and IC cards.

Download the WisHome App from your device's app store and follow the in-app instructions to connect your lock.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your smart door lock.

6.1 Battery Management

- The lock is powered by a DC7.4V 4200mAh lithium rechargeable battery.
- The low power intelligent technology ensures extended battery life, reducing the frequency of charging.
- When the battery is low, the lock will provide an alert. Recharge the battery using the provided data cable via the emergency charging port.
- Avoid completely draining the battery to prolong its lifespan.

6.2 Cleaning

- Wipe the lock's surface with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- Keep the fingerprint sensor and camera lenses clean for optimal performance.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lock does not respond.	Battery is depleted or low.	Recharge the battery using the data cable. Use the mechanical key for immediate access.
Face recognition fails.	Camera lens is dirty; poor lighting; incorrect facial position.	Clean the camera lens. Ensure adequate lighting. Adjust your position to be directly in front of the camera.
Fingerprint recognition fails.	Finger is dirty, wet, or injured; sensor is dirty; unregistered fingerprint.	Ensure finger is clean and dry. Clean the fingerprint sensor. Re-register your fingerprint if necessary.
Password not accepted.	Incorrect password entered; keypad issue.	Double-check the password. Try entering the virtual password with random numbers. If issue persists, use another unlock method.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password; weak signal; router issue; App not updated.	Verify Wi-Fi password. Ensure lock is within Wi-Fi range. Restart router. Update WisHome App to the latest version.

If the problem persists after attempting these solutions, please contact customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the JUCFRDNJ Smart Door Lock (Model DF06):

Feature	Specification
Product Name	3D Face Recognition Door Lock
Model Number	DF06
Brand	JUCFRDNJ
Material	Aluminium Alloy
Color	Black (24x280mm(6068)s Bat variant)
Power Supply	Built-in DC7.4V 4200mAh Lithium Battery
Protection Level	IP66
Suitable Mortise	6068
Suitable Door Thickness	40-120mm
Suitable Door Type	Steel Door, Wooden Door, Brass Door, Stainless Steel Door, Other
Unlock Ways	Face Recognition, APP, Mechanical Keys, Card, WIFI, Password, Fingerprint
Connectivity	WIFI
App	WisHome
Special Features	Built-in Doorbell, Built-in Camera, Built-in Screen

Feature	Specification
Handle Direction	Left Push (Adjustable)
Certifications	CE, FCC, RoHS
Item Weight	1.76 ounces (Product weight as listed, actual package weight 4kg)
Origin	Mainland China (Guangdong)

9. WARRANTY AND SUPPORT

The JUCFRDNJ Smart Door Lock comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact the seller directly.

For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact the manufacturer or your point of purchase. Ensure you have your product model number (DF06) and purchase details ready when contacting support.