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UJNIKM UJNIKM

UJNIKM Tuya WIFI Smart Door Lock Instruction Manual

Model: UJNIKM (240mm)

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your UJNIKM Tuya WIFI Smart Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The UJNIKM Smart Door Lock integrates multiple unlock methods including Wi-Fi App, M1 Card, Passcode, Fingerprint, Wristband, and Mechanical Key, offering enhanced security and convenience for various door types.



Image 1.1: Front and back view of the UJNIKM Tuya WIFI Smart Door Lock, showcasing its sleek design and integrated handle.

2. Product Specifications

Feature	Description
Material	Aluminum alloy
Available Colors	Satin Nickel, Black Nickel
Panel Dimensions	L 255mm x W 65mm
Door Thickness Compatibility	38-50 mm
Unlock Methods	Wi-Fi App, M1 Card, Passcode, Fingerprint, Wristband, Mechanical Key
App Name	Tuya Smart Life App
Supported Systems	iOS 7.0 or Android 4.4 and above
Battery Life	Approx. 10,000 normal open times (12 months)
Handle Direction	Reversible
Suitable Door Types	Steel doors, wooden doors, brass doors, stainless steel doors, anti-theft doors

Feature	Description
Item Weight	50 Grams (1.76 ounces)

3. Package Contents

Verify that all components listed below are present in your package:

- Front panel x 1
- Rear panel x 1
- Mortise lock x 1
- Smart card x 5
- M1 Wristbands x 2
- Mechanical Key x 2
- Screw Kit x 1

4. Product Overview and Components

Familiarize yourself with the various parts of your smart door lock for easier installation and operation.



Image 4.1: Labeled components of the UJNIKM Smart Door Lock, highlighting the touch keypad, fingerprint reader, and various access points.



Image 4.2: Rear panel of the lock, indicating the battery compartment and the 'Set Button' used for configuration.

5. Pre-Installation Checks

Before beginning installation, ensure your door meets the following requirements:

- **Door Thickness:** Must be between 38-50 mm.
- **Handle Direction:** The handle direction is reversible and can be adjusted for both right and left opening doors.

Measure your door's dimensions to select the correct mortise lock and ensure proper fit:

1. Measure the door's thickness.
2. Measure the length of the guide plate.

3. Measure the width of the guide plate.



Image 5.1: Diagram illustrating the mortise lock dimensions (22x240mm) and the lock's universal handle direction.



Image 5.2: Comprehensive dimensions of the lock panels and available mortise options to ensure compatibility with different door setups.

6. Installation Guide

Follow these steps carefully for proper installation of your UJNIKM Smart Door Lock:

1. **Prepare the Door:** Ensure the door surface is clean and free of obstructions. If replacing an existing lock, remove it completely. Use a template (if provided with your specific model) to mark drilling points accurately.
2. **Install the Mortise Lock:** Insert the mortise lock into the prepared cavity on the door edge. Secure it firmly with the provided screws. Ensure the latch bolt operates smoothly.
3. **Install the Spindle and Handles:** Insert the spindle through the mortise. Attach the handles to the front and rear panels, ensuring they align correctly with the spindle.
4. **Connect Wiring:** Carefully connect the electrical wiring between the front and rear panels. Ensure connections are secure and not pinched.
5. **Attach Panels:** Position the front and rear panels on the door, aligning them with the mortise and spindle. Secure them using the screw kit. Ensure the lock is plumb and level, and that the handle operates without binding.
6. **Install Batteries:** Open the battery compartment on the rear panel. Insert the required batteries (typically 4 x AA, not included) according to the polarity markings. Close the battery cover securely.

7. **Test Operation:** After installation, test all unlock methods (mechanical key, fingerprint, passcode, card) to ensure proper functionality. Verify that the deadbolt extends and retracts smoothly.

Note: *Professional installation is recommended if you are unfamiliar with door lock installation procedures.*

7. Operating Instructions

7.1 Initial Setup and App Connection

The UJNIKM Smart Door Lock operates with the Tuya Smart Life App. Download the app from your device's app store (compatible with iOS 7.0 or Android 4.4 and above).

1. **Download and Install App:** Search for "Tuya Smart Life" in your mobile device's app store and install it.
2. **Register/Log In:** Open the app, register a new account if you don't have one, or log in with your existing credentials.
3. **Add Device:** In the app, tap "Add Device" or the "+" icon. Select "Security & Sensor" > "Door Lock (Wi-Fi)" or similar. Follow the in-app instructions to put the lock into pairing mode (usually by pressing the 'Set' button on the rear panel, as shown in Image 4.2).
4. **Connect to Wi-Fi:** Ensure your lock is connected to your home Wi-Fi network via the app. This allows for remote control and notifications.



Image 7.1: Tuya Smart Life App interface for managing your smart lock, including remote unlock and user settings.

7.2 Managing Unlock Methods

- **Fingerprint Management:** Add, modify, or delete fingerprints directly through the Tuya Smart Life App. Ensure your finger is clean and dry when registering.
- **Passcode Management:** Create, modify, or delete permanent, timed, or one-time passcodes through the app. You can also generate temporary passcodes for guests.
- **M1 Card/Wristband Management:** Register and manage M1 cards and wristbands using the app. Present the card/wristband to the lock's card reading area during registration.
- **Remote Unlock:** Use the Tuya Smart Life App to remotely unlock the door from anywhere with an internet connection.

- **Mechanical Key:** The physical key serves as a reliable backup unlock method in case of power failure or electronic malfunction.

7.3 User Management

The app allows for comprehensive user management, including adding new users, assigning specific unlock methods (fingerprint, passcode, card), and setting access schedules for each user.

7.4 Alarm and Record Checking

The Tuya Smart Life App provides features to check alarm records (e.g., low battery, tampering attempts) and view a detailed history of all unlock events, including the method used and the time.

8. Maintenance

Regular maintenance ensures the longevity and optimal performance of your smart door lock:

- **Battery Replacement:** Replace batteries promptly when the low battery indicator appears on the lock's display or in the Tuya Smart Life App. Use high-quality alkaline batteries for best performance. Battery life is approximately 12 months under normal usage.
- **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 or electronic components.
- **Fingerprint Sensor:** Keep the fingerprint sensor clean and dry for optimal recognition. Wipe it gently with a soft, lint-free cloth if smudges or dirt accumulate.
- **Mechanical Parts:** Periodically check the mechanical components, such as the handle and mortise, for smooth operation. Do not lubricate with oil; if necessary, use a graphite-based lubricant sparingly on the mortise mechanism.

9. Troubleshooting

Refer to the table below for common issues and their solutions:

Problem	Possible Cause	Solution
Lock not responding / No power	Dead or low batteries	Replace all batteries with new ones. If completely dead, use the USB charging port for temporary emergency power to open the lock.
Fingerprint not recognized	Dirty sensor, unregistered fingerprint, dry/wet finger, incorrect placement	Clean the sensor. Ensure your finger is clean and dry. Try different angles or re-register the fingerprint if necessary.
Passcode not working	Incorrect code entered, temporary code expired, keypad issue	Verify the passcode. Check the Tuya Smart Life App for code validity and expiration. Clean the keypad surface.
Cannot connect to Wi-Fi / App	Incorrect Wi-Fi password, router too far, app not updated, lock not in pairing mode	Ensure correct Wi-Fi credentials. Move router closer or use a Wi-Fi extender. Update the app to the latest version. Reset the lock and re-pair it with the app.
Lock is jammed or stiff	Misalignment during installation, debris in mortise, worn parts	Check the alignment of the lock and mortise. Clean any debris from the mortise. If parts are worn, contact customer support.

Problem	Possible Cause	Solution
M1 Card/Wristband not working	Card/wristband not registered, damaged, or placed incorrectly	Ensure the card/wristband is properly registered in the app. Try placing it firmly and flat against the card reading area. If damaged, replace it.

10. Warranty and Support

For warranty information and technical support, please refer to the contact details provided with your purchase or visit the official UJNIKM website. Keep your purchase receipt as proof of purchase.

If you have any questions about the products, please feel free to contact us at any time.

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