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› Makayuron M305Tuya Smart Fingerprint Door Lock User Manual

Makayuron M305Tuya

Makayuron M305Tuya Smart Fingerprint Door Lock User Manual

Model: M305Tuya

1. INTRODUCTION

Thank you for choosing the Makayuron M305Tuya Smart Fingerprint Door Lock. This advanced security device offers multiple convenient unlocking methods, including fingerprint recognition, passcodes, IC cards, mechanical keys, and remote control via the Tuya Smart App. Designed for ease of use and robust security, this manual will guide you through the installation, operation, and maintenance of your new smart lock.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.
- Do not attempt to disassemble or repair the lock yourself. Contact customer support for assistance.
- Keep mechanical keys in a safe place outside the property.
- Ensure batteries are inserted correctly according to polarity markings. Replace all batteries simultaneously when low.
- This smart lock is recommended for indoor use. Avoid exposure to direct sunlight, rain, or extreme temperatures.
- Regularly check the lock for any signs of damage or wear.

3. PACKAGE CONTENTS

Please verify that all the following components are included in your package:

- Smart Door Lock Assembly
- AAA Batteries (3 required, 4 included)
- IC Cards (7 included)
- Mechanical Keys (2 included)
- Installation Manual
- Mounting Accessories (screws, spindle, etc.)

Durable Smart Lock with Handles



Figure 3.1: Included components with the Makayuron M305Tuya Smart Lock.

4. PRODUCT OVERVIEW

The Makayuron M305Tuya Smart Fingerprint Door Lock integrates multiple advanced features for enhanced home security and convenience.

Key Features:

- **Direct WiFi Connection:** Connects to the Tuya Smart App via WiFi (2.4GHz network only) without requiring a separate gateway.
- **10-Language Voice Guidance:** Setup assistance available in 10 languages, including English and Arabic.
- **Mechanical Key Backup:** Provides physical key access for power outages or emergencies.
- **Wide Door Compatibility:** Fits standard doors with a thickness of 35mm to 65mm, with adjustable components.
- **Versatile Applications:** Suitable for rooms, offices, apartments, and hotels, ensuring safety and security.

- **Multiple Unlocking Methods:** Fingerprint, Passcode, IC Card, Mechanical Key, and Tuya App.
- **High-Capacity Battery:** Offers over 8 months of battery life.
- **Emergency USB Charging:** Micro-USB port for temporary power in case of battery depletion.



Figure 4.1: Overview of Makayuron M305Tuya Smart Lock features and unlocking methods.



Figure 4.2: Comprehensive feature set of the Makayuron M305Tuya Smart Lock.

5. SETUP AND INSTALLATION

5.1 Door Compatibility Check

Before installation, ensure your door meets the compatibility requirements. The lock is designed for doors with a thickness between 35mm and 65mm. Refer to the diagram below for detailed measurements.

Check Compatibility Before Placing the Order

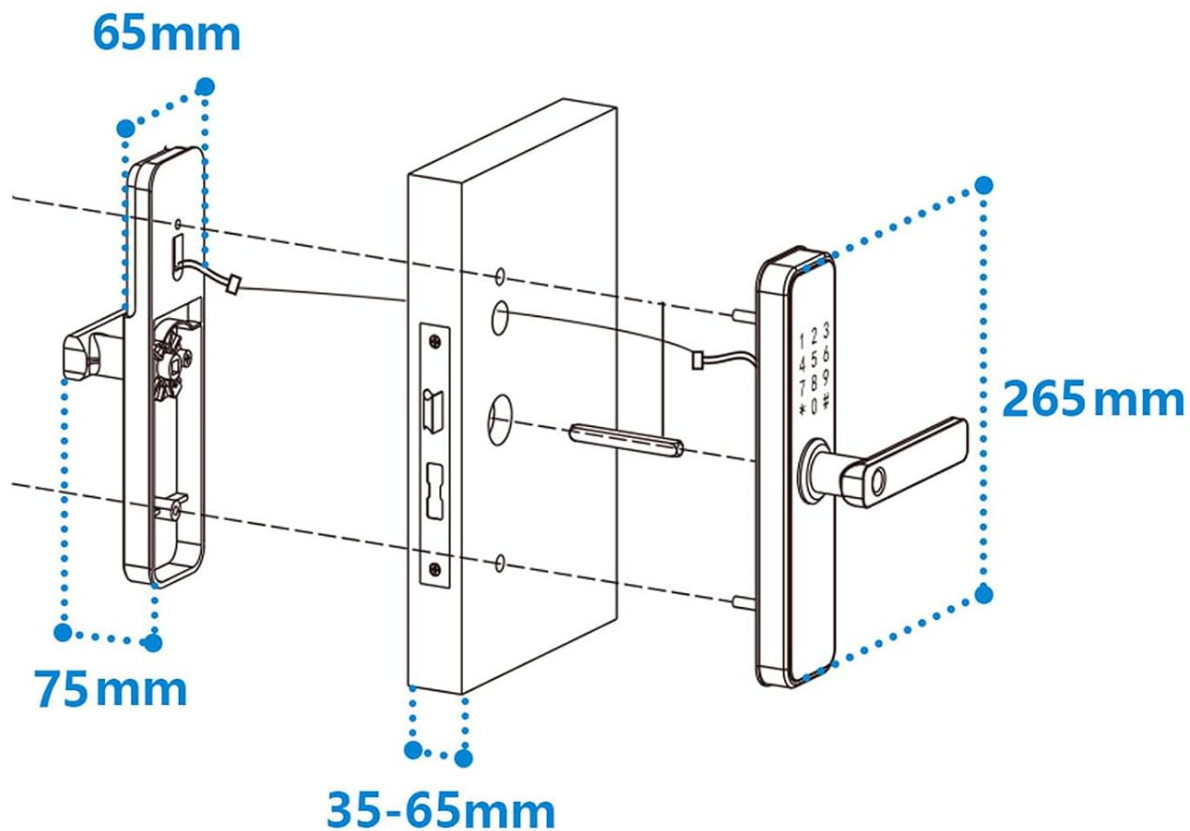


Figure 5.1: Door compatibility measurements for Makayuron M305Tuya Smart Lock.

5.2 Tools Required

You will need a screwdriver and an electric drill for installation.

Easily Install In Minutes



All you need is a screwdriver and a electric drill



Figure 5.2: Installation process requiring only a screwdriver and electric drill.

5.3 Installation Steps

1. **Prepare the Door:** Ensure the door is clean and the existing mortise lock is removed.
2. **Install the Mortise:** Insert the new mortise lock into the door edge and secure it with screws.
3. **Install the Front Panel:** Connect the front panel (with keypad and fingerprint sensor) to the mortise, ensuring cables pass through the door.
4. **Install the Rear Panel:** Connect the rear panel to the front panel's cables and secure it to the door.
5. **Insert Batteries:** Open the battery cover on the rear panel and insert 3 AAA batteries, observing correct polarity.
6. **Test Operation:** After installation, test all unlocking methods (mechanical key, fingerprint, passcode) to ensure proper function.

5.4 Initial Setup and App Connection

1. **Download Tuya Smart App:** Search for "Tuya Smart" in your mobile app store and download it.
2. **Create Account:** Register for a new account or log in if you already have one.
3. **Add Device:** Follow the in-app instructions to add your smart lock. Ensure your phone is connected to a 2.4GHz WiFi network. The lock will provide voice guidance during the pairing process.
4. **User Management:** Once connected, use the app for user management, remote unlocking, viewing historical logs, and setting security alarms.

Easily Control Via Tuya APP



User
management



Remote
unlocking



View
historical logs



Security alarm

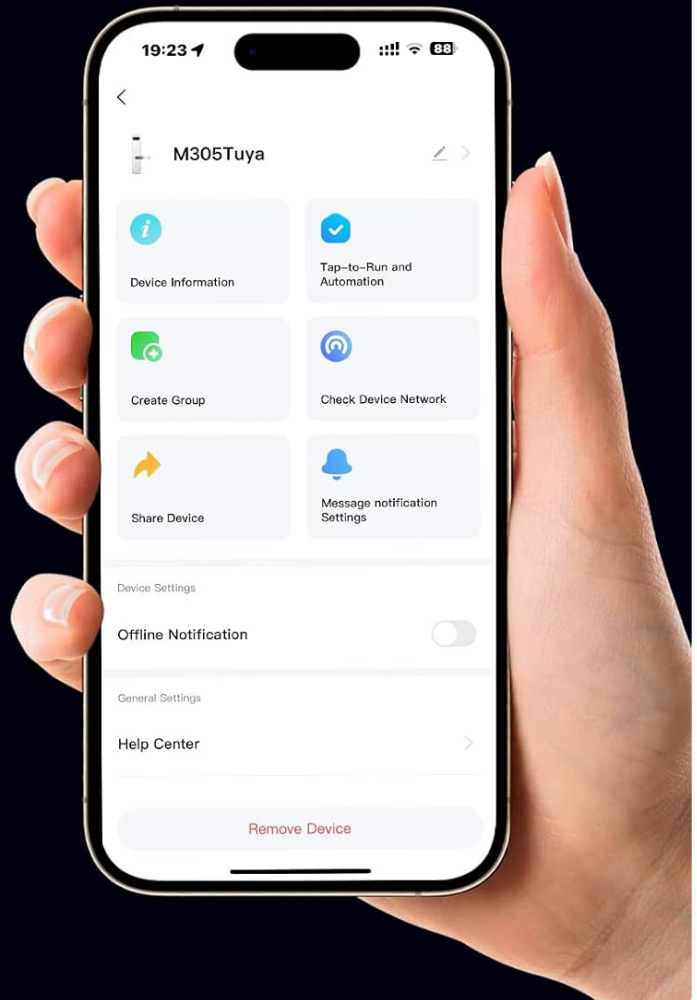


Figure 5.3: Tuya Smart App interface for controlling the lock.

6. OPERATING INSTRUCTIONS

The Makayuron M305Tuya Smart Lock offers five primary methods for unlocking.

6.1 Fingerprint Unlocking

The lock supports up to 100 fingerprints with a recognition success rate of over 99% and a recognition time of less than 0.3 seconds.

1. **Enroll Fingerprint:** Follow the voice prompts and app instructions to enroll new fingerprints. Typically, you will place your finger on the sensor multiple times from different angles.
2. **Unlock:** Place your enrolled finger on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.

Your Fingerprint Is Your Key



Figure 6.1: Fingerprint recognition capabilities.

6.2 Passcode Unlocking

You can set various types of passcodes for different access needs:

- **Permanent:** For family members.
- **Duration:** For temporary access, e.g., for cleaners.
- **Recurring:** For regular access during specific times, e.g., for renters.
- **One-time:** For single-use access, e.g., for workers.

1. **Set Passcode:** Use the Tuya Smart App to generate and manage passcodes.
2. **Unlock:** Enter the valid passcode on the keypad and press '#'.

Smart Codes for Smarter Living



Figure 6.2: Smart code options for various users.

6.3 IC Card Unlocking

The lock comes with 7 IC cards for convenient tap-to-unlock access.

1. **Enroll IC Card:** Use the Tuya Smart App or the lock's menu (via voice guidance) to enroll new IC cards.
2. **Unlock:** Present the enrolled IC card to the card reader area on the lock.

6.4 Mechanical Key Unlocking

In case of electronic failure or battery depletion, you can always use the mechanical keys provided.

1. **Locate Keyhole:** The keyhole is typically hidden or discreetly placed on the front panel.
2. **Unlock:** Insert the mechanical key and turn it to unlock the door.

6.5 Tuya App Remote Unlocking

With the Tuya Smart App connected to your lock via WiFi, you can unlock your door remotely from anywhere.

1. **Open App:** Launch the Tuya Smart App on your smartphone.
2. **Select Lock:** Choose your M305Tuya lock from the device list.
3. **Unlock:** Tap the unlock icon or follow the prompts to remotely unlock the door.

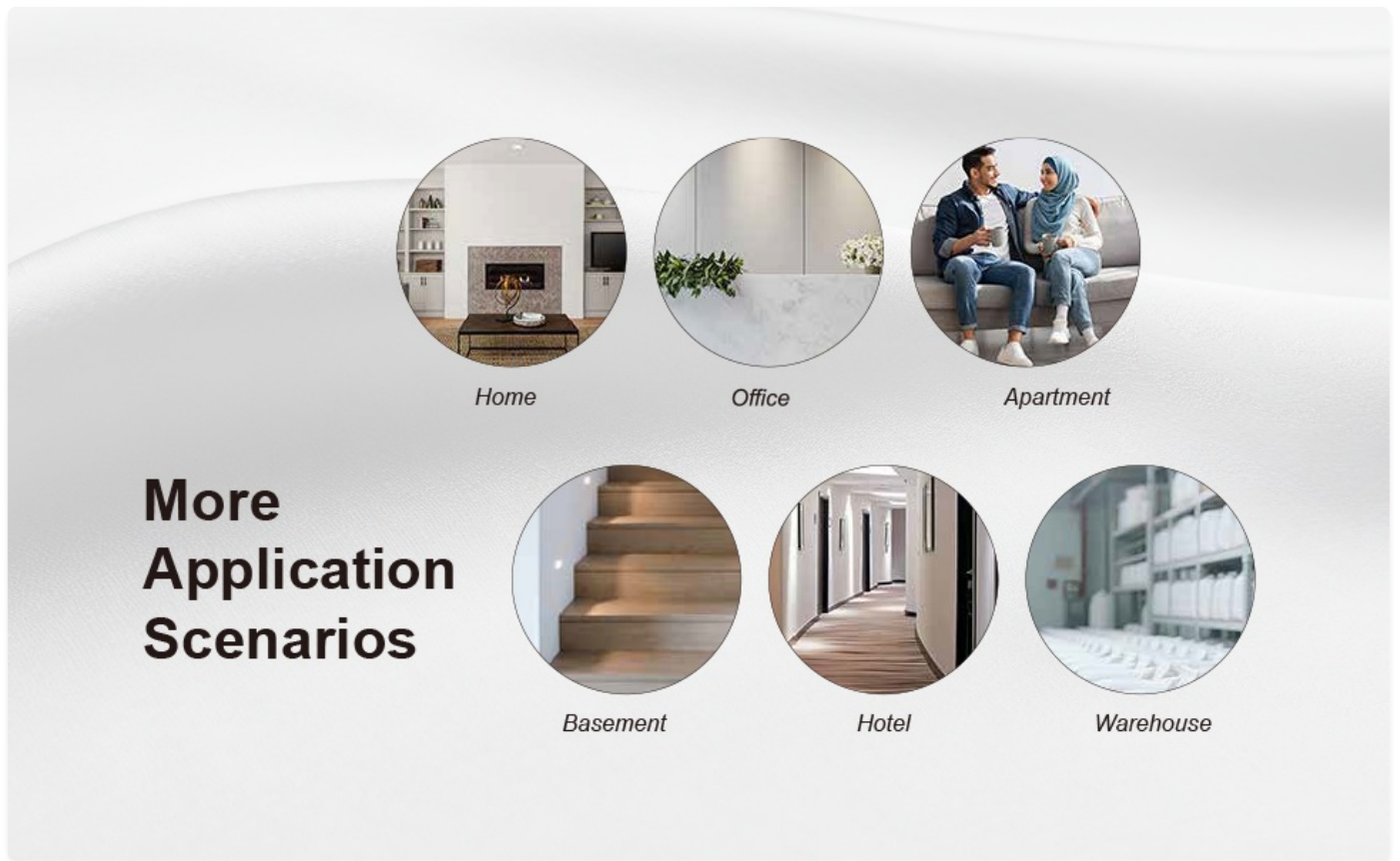


Figure 6.3: Unlock convenience from both sides.

7. MAINTENANCE

7.1 Battery Replacement

The lock is powered by 3 AAA batteries and offers an impressive battery life of over 8 months. When the battery level is low, the lock will issue a low battery alarm.

- **Low Battery Alarm:** The lock will alert you when batteries are low. Replace them promptly.
- **Replacement:** Open the battery compartment on the rear panel, remove old batteries, and insert new AAA batteries, ensuring correct polarity.

7.2 Emergency Power

If the batteries completely deplete before replacement, you can use a power bank connected via the Micro-USB port for temporary power to unlock the door.

7.3 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.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your smart lock.

8.1 Common Alarms

- **Low Battery Alarm:** Indicates that the batteries need to be replaced soon. Replace all 3 AAA batteries.
- **Anti-Pry Alarm:** Activates if the lock detects tampering or forced entry attempts. Check the lock for physical damage.



Figure 8.1: Multiple alarm features for enhanced security.

8.2 General Troubleshooting

- **Lock not responding:** Check battery level. Use emergency USB power or mechanical key.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-enroll fingerprint if issues persist.
- **Passcode not working:** Verify the correct passcode is entered. Check if the passcode has expired (for duration/one-time codes).
- **App connectivity issues:** Ensure your WiFi network is 2.4GHz. Check router signal strength. Restart the lock and your

phone.

- **Lock mechanism stuck:** Do not force the handle. Check for any obstructions in the door frame or mortise.

9. SPECIFICATIONS

Feature	Specification
Model Number	M305Tuya
Brand	Makayuron
Dimensions (L x W x H)	23 x 19 x 21 cm
Weight	2.37 kg
Material	Aluminum
Color	Black
Lock Type	Biometric
Special Feature	Passcode Unlock
Power Source	3 AAA Batteries (Included)
Battery Life	8+ Months
Connectivity Protocol	Wi-Fi (2.4GHz only)
Control Method	App (Tuya Smart)
Recommended Use	Home, Room, Hotel (Indoor use recommended)
Included Components	Lock, Batteries, Cards, Manual, Accessories

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The Makayuron M305Tuya Smart Fingerprint Door Lock comes with a **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, unauthorized repairs, accidents, or improper installation.

10.2 Customer Support

If you encounter any issues or have questions regarding your Makayuron M305Tuya Smart Lock, please contact our customer support team. For the fastest service, please have your model number (M305Tuya) and purchase details ready.

Contact Information:

Please refer to your purchase documentation or the Makayuron official website for up-to-date customer support contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question