UJNIKM Q8-Gold(24-240-6068)

Tuya Smart Door Lock User Manual

Model: Q8-Gold(24-240-6068) | Brand: UJNIKM

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your UJNIKM Tuya Smart Door Lock, model Q8-Gold(24-240-6068). This advanced digital electronic lock integrates multiple security features and convenient access methods, including fingerprint, password, IC card, mechanical key, and mobile application unlock capabilities. It is designed to enhance the security and convenience of your home or office.

Key features include automatic locking and unlocking, an indoor double lock knob for added security, emergency power supply, a built-in rechargeable lithium battery with low battery warning, English voice prompts, unlock record query, an infrared sensor camera for low-light conditions, and a monitor function that sends photos to your mobile app.

2. Product Overview and Components

The UJNIKM Q8-Gold smart door lock consists of an exterior unit, an interior unit, a mortise lock body, and various installation accessories. Familiarize yourself with the components before proceeding with installation.





Figure 2.1: Front and back view of the UJNIKM Q8-Gold Smart Door Lock. The image displays the sleek design of both the exterior unit with its keypad and camera, and the interior unit with its display and manual lock mechanism.



Figure 2.2: Detailed dimensions of the smart door lock and its mortise lock body. This diagram illustrates key measurements such as the lock body length (240mm), width (24mm), and the distance between the handle and cylinder (68mm), crucial for proper installation.

3. Setup and Installation

Before installation, ensure your door meets the following requirements:

- **Door Thickness:** Suitable for doors with a thickness between 40mm and 90mm.
- **Door Type:** Compatible with wooden doors, steel doors, glass doors, brass doors, and stainless steel doors.
- **Door Opening Direction:** Supports both left and right opening doors.

3.1 Mechanical Installation

1. **Prepare the Door:** Refer to Figure 2.2 for precise measurements and drill holes according to the provided template. Ensure the mortise lock body fits correctly into the door edge.
2. **Install Mortise Lock Body:** Insert the mortise lock body into the prepared slot on the door edge and secure it with screws.

3. **Install Exterior Unit:** Route the cables from the exterior unit through the door and align it with the mortise lock body. Secure it temporarily.
4. **Install Interior Unit:** Connect the cables from the exterior unit to the interior unit. Align the interior unit and secure it to the door using the provided screws, ensuring a snug fit without overtightening.
5. **Test Mechanical Operation:** Before closing the door, test the mechanical key operation to ensure the deadbolt and latch operate smoothly.

3.2 Initial Power-Up and App Configuration

1. **Insert Battery:** Open the battery compartment on the interior unit and insert the fully charged rechargeable lithium battery.
2. **Download Tuya Smart App:** Download the "Tuya Smart" app from your mobile device's app store (iOS or Android).
3. **Register/Login:** Create a new account or log in to your existing Tuya Smart account.
4. **Add Device:** Follow the in-app instructions to add your smart door lock. The lock has a built-in router, eliminating the need for an extra gateway. Ensure your Wi-Fi network is active and within range.



Figure 3.1: Illustration of the smart lock's powerful functions and its direct Wi-Fi connectivity. The image highlights remote unlock, temporary password generation, user management, and record query features, emphasizing that no additional gateway is required.

5. **Initial Setup:** Follow the voice prompts from the lock and the app to complete the initial setup, including setting the administrator password and registering initial fingerprints/IC cards.

4. Operating Instructions

Your UJNIKM Smart Door Lock offers multiple convenient ways to unlock and manage access.

4.1 Unlock Methods

The lock supports 5 primary unlock methods:



Figure 4.1: Visual representation of the seven unlock methods available for the smart door lock, including Fingerprint Unlock, Password Unlock, RFID Card Unlock, Key Unlock, Smart Home integration, Tuya App, and WeChat public account.

- **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will unlock automatically upon successful recognition. The AI Smart Fingerprint Algorithm ensures a low false recognition rate and low rejection rate.



Figure 4.2: Exploded view showing the layers and components of the fingerprint recognition system, including the sensor protection cover, solid continuous film, encapsulation, solder paste, semiconductor identification chip, and aviation aluminum alloy construction.

- **Password Unlock:** Enter your registered password on the keypad, followed by the '#' key.
- **IC Card Unlock:** Present your registered IC card to the card reader area on the lock.
- **Mechanical Key Unlock:** In case of emergency or battery depletion, use the provided mechanical key to unlock the door.
- **APP Unlock (Tuya Smart App):**
    - **Remote Unlock:** Open the Tuya Smart app, select your lock, and initiate the unlock command. The lock supports remote unlock requests, which can include a photo sent to your mobile app for verification.

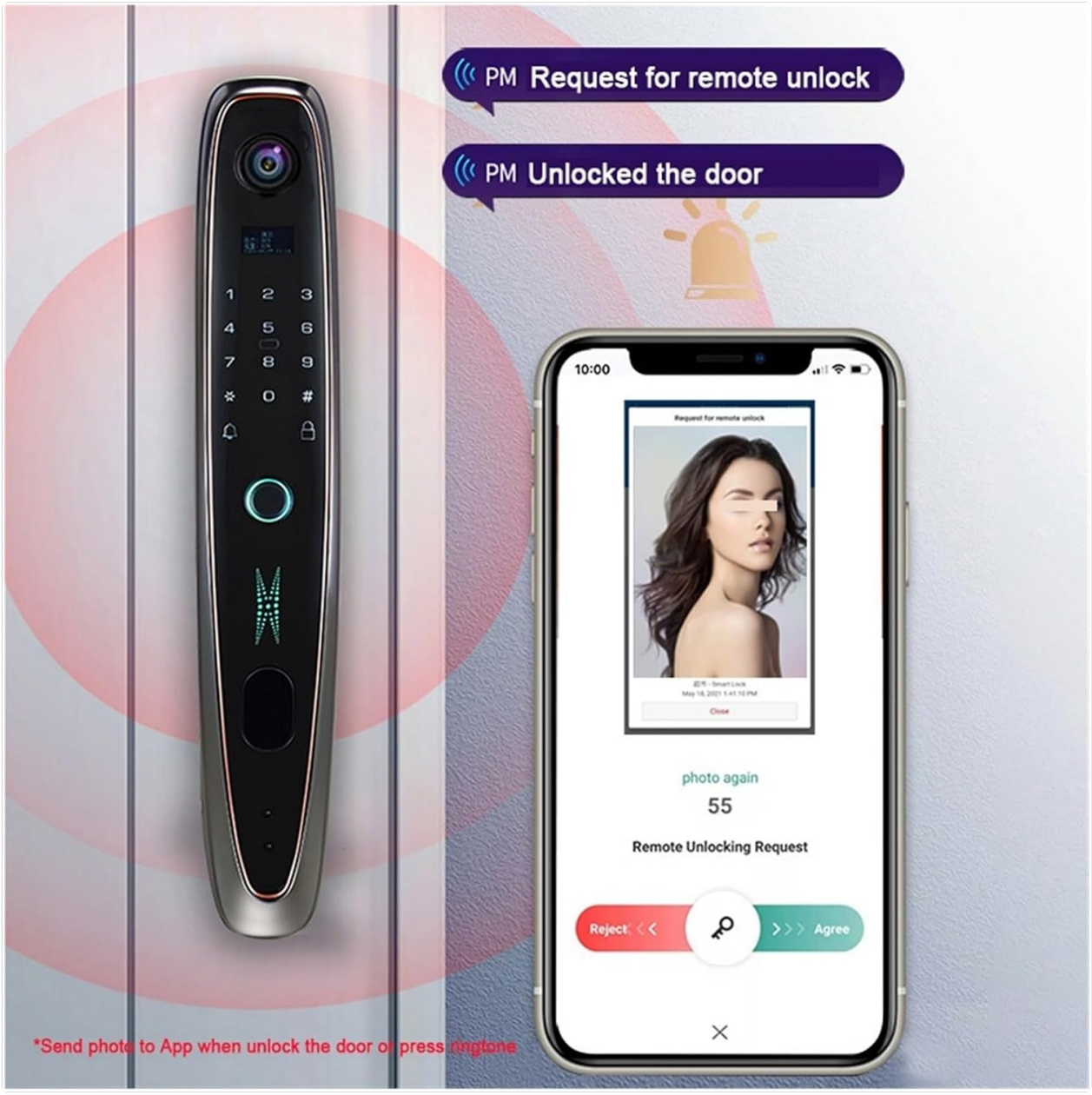


Figure 4.3: A mobile phone screen displaying a remote unlock request within the Tuya app. The image shows a live photo from the lock's camera, allowing the user to verify the person requesting entry before granting access remotely.

- **Temporary Password:** Generate temporary passwords for guests or service personnel directly from the app.
- **User Management:** Add, modify, or delete user fingerprints, passwords, and IC cards through the app.
- **Unlock Record Query:** View a history of all unlock events, including method and timestamp, within the app.

4.2 Automatic Locking and Monitoring

- **Automatic Locking:** The lock features automatic locking technology, ensuring the door is secured after closing.
- **Indoor Double Lock Knob:** For enhanced security, use the indoor double lock knob to prevent external access even with valid credentials.
- **Built-in Visual Peephole & Camera:** The lock includes a 175-degree wide-angle surveillance camera and a built-in visual peephole. When the doorbell is pressed, the indoor screen clearly displays the outside view. The infrared sensor camera ensures clear visibility even in dark environments.



Figure 4.4: Close-up view of the smart door lock's built-in visual peephole and 175-degree wide-angle surveillance camera, demonstrating its capability to provide clear visibility of the exterior on the indoor screen when the doorbell is pressed.

- **Monitor Function:** The lock can send photos to your mobile app when the doorbell is pressed or when certain unlock events occur, providing real-time monitoring.

5. Maintenance

- **Battery Charging:** The lock is powered by a built-in rechargeable lithium battery. A full charge can last approximately 3 months. When the battery is low, the lock will provide a warning. Recharge the battery using the designated charging port.
- **Emergency Power Supply:** In case the battery is completely depleted, an emergency power supply port (e.g., USB-C) is available to temporarily power the lock for unlocking.
- **Cleaning:** Clean the lock's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents that may damage the finish or electronic components. Regularly wipe the fingerprint sensor and camera lens to ensure optimal performance.
- **Firmware Updates:** Periodically check the Tuya Smart app for available firmware updates for your lock. Updates can improve performance, add new features, and enhance security.

6. Troubleshooting

Problem	Possible Cause	Solution
Lock does not respond.	Battery depleted.	Connect an emergency power supply or recharge the battery.
Fingerprint not recognized.	Finger is wet/dirty, sensor is dirty, or fingerprint not properly registered.	Clean finger and sensor. Re-register fingerprint if issue persists. Try another registered fingerprint.
Password not accepted.	Incorrect password entered, or password not properly set.	Ensure correct password entry. Reset password via app or mechanical key if forgotten.
Cannot connect to Wi-Fi/App.	Weak Wi-Fi signal, incorrect Wi-Fi password, or router issues.	Ensure lock is within Wi-Fi range. Verify Wi-Fi password. Restart router. Re-add device in app.
Door does not lock/unlock automatically.	Mechanical obstruction, or lock not properly installed/calibrated.	Check for obstructions around the latch/deadbolt. Re-check installation alignment.

7. Specifications

Feature	Detail
Brand	UJNIKM
Model Name	Q8-Gold(24-240-6068)
Unlock Methods	Fingerprint, Password, IC Card, Mechanical Key, APP
Special Features	Keyless, Fingerprint, Surveillance Camera, Wi-Fi Connectivity, Automatic Locking, Built-in Visual Peephole, Infrared Sensor Camera, Monitor Function
Connectivity Protocol	Wi-Fi
Controller Type	Hand Control, Mechanical knob, Android (App)
Suitable Door Thickness	40-90 mm
Suitable Door Types	Wooden doors, Steel doors, Glass doors, Brass doors, Stainless steel doors
Power Source	Built-in Rechargeable Lithium Battery
Battery Life	Approx. 3 months per full charge
Item Weight	50 Grams (1.76 ounces) - *Note: This weight seems unusually low for a full door lock. Please refer to product packaging for accurate weight.*
Package Dimensions	1.18 x 0.79 x 0.39 inches - *Note: These dimensions seem unusually small for a full door lock package. Please refer to product packaging for accurate dimensions.*

8. Warranty and Support

Information regarding the specific warranty period and support contact details for the UJNIKM Q8-Gold Smart Door Lock is not available in this manual. For warranty claims, technical support, or service inquiries, please refer to the product packaging, the manufacturer's official website, or contact the seller directly.

© 2024 UJNIKM. All rights reserved.