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> Tuya WiFi Smart Door Lock User Manual

KIEEQGAK X8 170x22(4558)

Tuya WiFi Smart Door Lock User Manual

Brand: KIEEQGAK | Model: X8 170x22(4558)

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your KIEEQGAK Tuya WiFi Smart Door Lock. This advanced biometric digital electronic lock offers multiple unlocking methods including fingerprint, password, RFID card, and mechanical key, integrated with Tuya APP for smart control. Please read this manual carefully before installation and use to ensure proper function and security.



Image: Front view of the KIEEQGAK Tuya WiFi Smart Door Lock, showing the fingerprint sensor and numeric keypad.

PRODUCT OVERVIEW AND COMPONENTS

The KIEEQGAK Smart Door Lock system includes the main lock unit, handles, keys, RFID cards, and mounting hardware. Familiarize yourself with all components before beginning installation.



Image: Detailed view of all components included with the smart door lock, such as the main lock assembly, interior and exterior handles, two mechanical keys, two RFID smart cards, and a diagram illustrating the lock body dimensions (170mm x 22mm) and latch dimensions (70mm x 125mm).

Key Components:

- **Exterior Handle Assembly:** Contains fingerprint sensor, keypad, and emergency Type-C USB port.
- **Interior Handle Assembly:** Contains battery compartment and manual release.
- **Mortise Lock Body:** The internal mechanism that secures the door.
- **Strike Plate and Box:** Installed on the door frame.
- **Mechanical Keys:** For emergency unlocking.
- **RFID Cards:** For card-based unlocking.
- **Mounting Hardware:** Screws and spindles for installation.

SPECIFICATIONS

Parameter	Value
Material	Aluminum alloy
Unlocking Methods	WiFi Tuya APP, Fingerprint, Password, RFID Cards, Mechanical keys
Fingerprint Capacity	100
Card Capacity	100
Password Capacity	100
Working Frequency	13.56MHz (IC)
Fingerprint Reader	Semiconductor sensor
Handle Direction	Reversible (adjustable freely)
Read Time	0.3 seconds
Working Power	4x AAA battery (not included)
Emergency Power Supply	USB Type-C charging port
Operating Temperature	-20 to 60°C (-4 to 140°F)
Suitable Door Thickness	35-55mm (1.38-2.17 inches)
Application	Wooden Door / Metal Door
Item Weight	1.76 ounces (50 grams for lock mechanism)

SETUP AND INSTALLATION

The KIEEQGAK Smart Door Lock is designed for easy replacement of existing locks and is compatible with various door types. Ensure your door thickness is between 35-55mm.

Multiple compatibility

Multiple lock bodies can be used

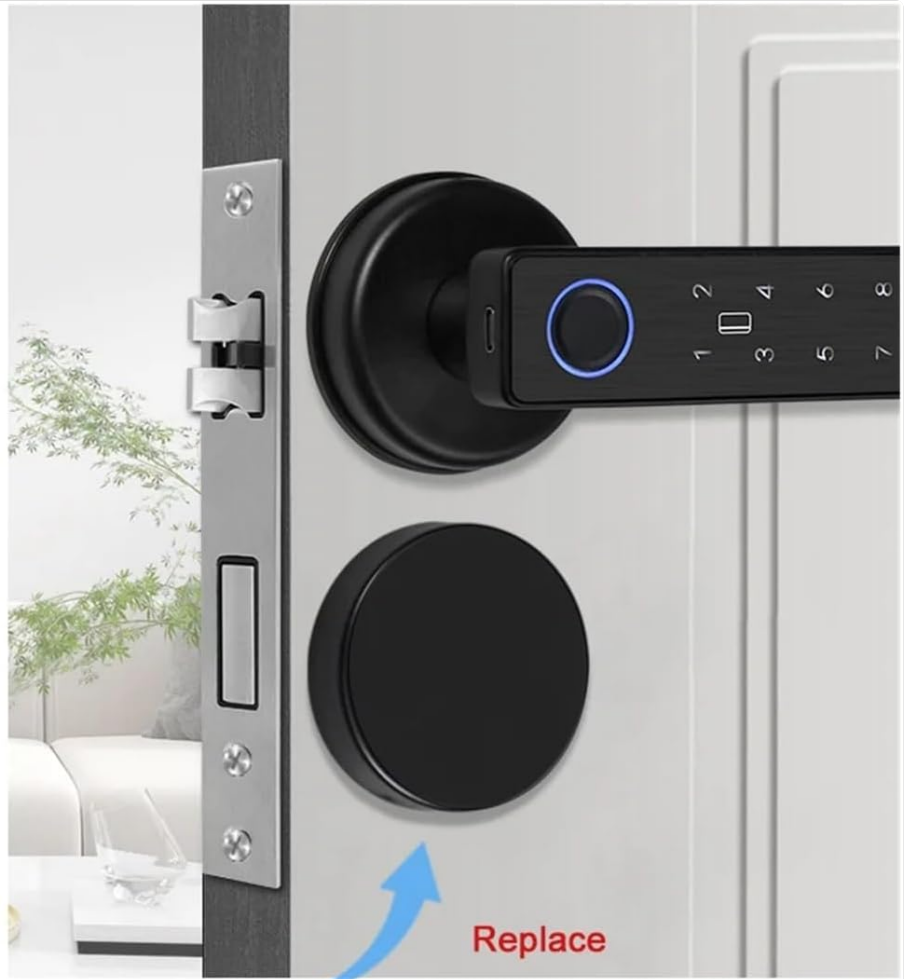


Image: Illustration demonstrating the smart lock's compatibility with different lock bodies and the process of replacing a traditional door handle with the KIEEQGAK Smart Door Lock.

1. Prepare the Door:

1. Remove your existing door lock.
2. Verify that the door bore holes and backset measurements match the lock's requirements. Refer to the dimension diagram in the Product Overview section.

2. Install the Mortise Lock Body:

1. Insert the mortise lock body into the edge of the door.
2. Secure it with screws.

3. Install Handles and Spindles:

1. The handle direction is reversible. Adjust it to suit your door's opening direction (left or right).
2. Connect the exterior and interior handle assemblies through the mortise lock body using the provided spindles and

screws. Ensure cables are not pinched.

4. Install Batteries:

1. Open the battery compartment on the interior handle.
2. Insert 4 AAA batteries (not included), ensuring correct polarity.
3. Close the battery compartment. The lock will typically power on and provide an audible prompt.

5. Initial Setup and Tuya APP Connection:

1. Download the Tuya Smart or Smart Life APP from your mobile app store.
2. Register or log in to your account.
3. Follow the in-app instructions to add your smart door lock. This usually involves putting the lock into pairing mode (refer to the lock's audible prompts or specific button combinations) and connecting it to your WiFi network.

OPERATING INSTRUCTIONS

Your KIEEQGAK Smart Door Lock offers multiple convenient ways to unlock your door.

Support Tuya APP, Fingerprint, RFID card, password to open the door

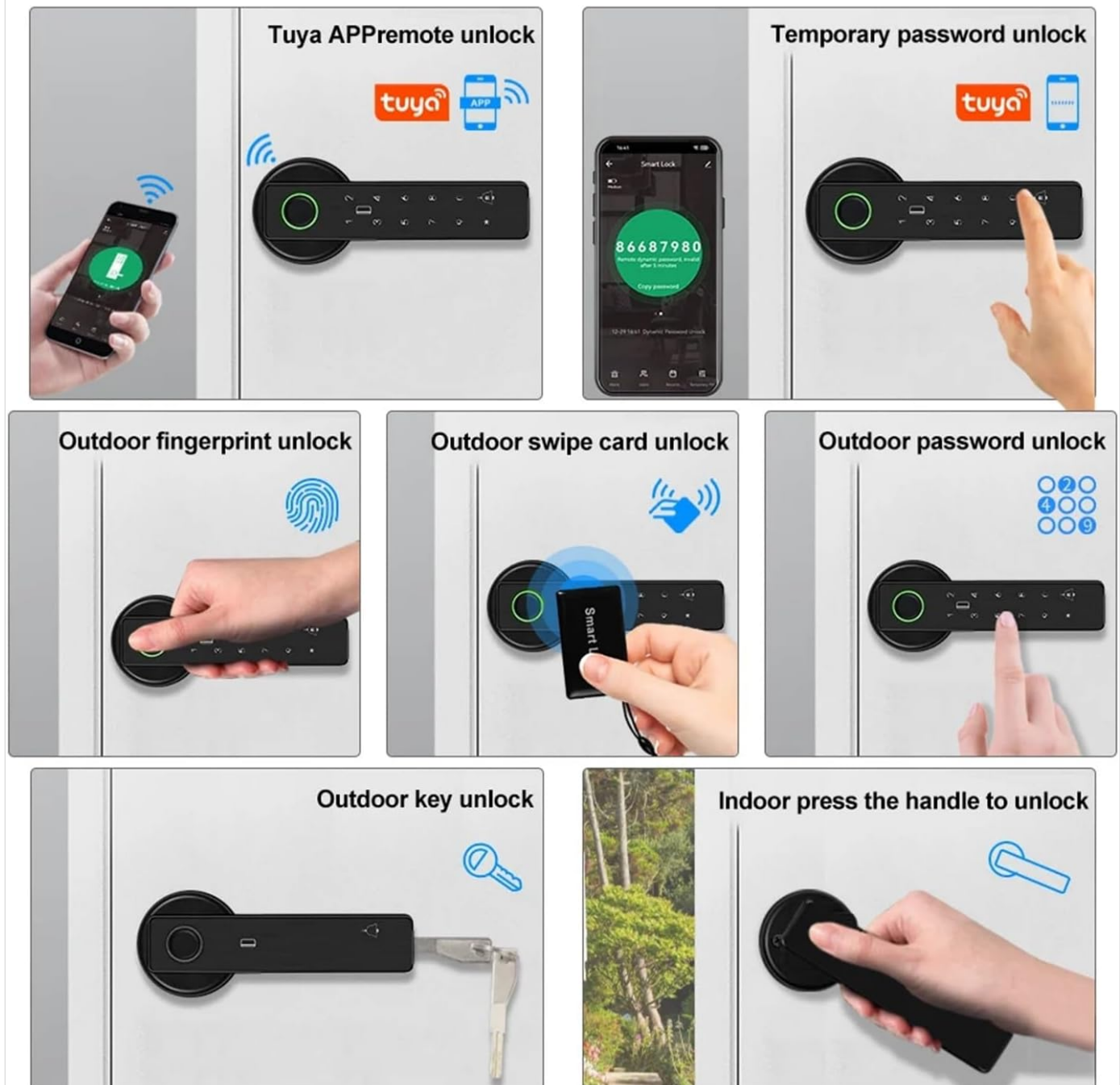


Image: Visual guide illustrating the diverse unlocking methods available for the smart door lock, including remote access via Tuya APP, temporary password generation, fingerprint recognition, RFID card swipe, keypad entry, traditional mechanical key, and simple indoor handle press.

1. Fingerprint Unlocking:

- Place your registered finger on the semiconductor fingerprint sensor.
- The lock will verify your fingerprint in approximately 0.3 seconds.
- Once verified, the lock will unlock.
- *To add fingerprints:* Follow the instructions in the Tuya APP or the lock's voice prompts for administrator setup.

2. Password Unlocking:

- Enter your registered password on the keypad.
- Press the '#' key to confirm.
- **Virtual Password Function:** To enhance security, you can enter random digits before or after your actual password. For example, if your password is "123456", you can enter "987123456098" and the lock will still recognize "123456".

- *To add/manage passwords:* Use the Tuya APP or the lock's administrator settings.

3. RFID Card Unlocking:

- Hold a registered RFID card near the card reader area on the lock.
- The lock will beep and unlock upon successful verification.
- *To add/manage RFID cards:* Use the Tuya APP or the lock's administrator settings.

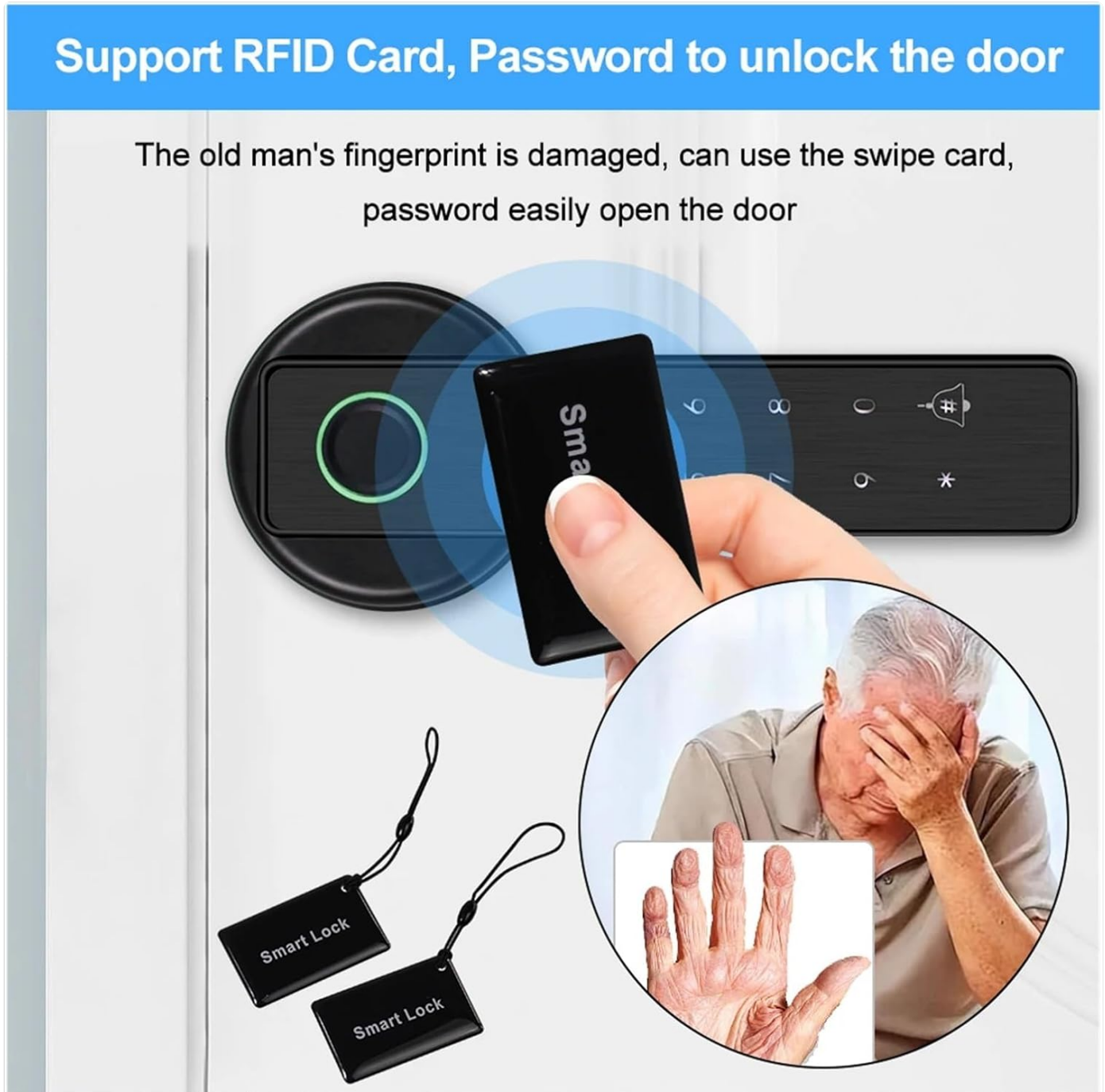


Image: Demonstrates the use of an RFID card for unlocking, highlighting its convenience, especially for individuals whose fingerprints may be difficult to read due to age or wear.

4. Mechanical Key Unlocking:

- Insert the mechanical key into the hidden keyhole (usually located at the bottom or front of the exterior handle).
- Turn the key to unlock the door. This method is primarily for emergency use, such as when batteries are depleted.

5. Tuya APP Unlocking:

- **Remote Unlock:** Open the Tuya Smart APP on your smartphone. Select your smart lock. Press the "Unlock" button

within the app. The lock will receive the command via WiFi and unlock.

- **Temporary Password Generation:** The Tuya APP allows you to generate one-time or time-limited passwords for guests or service providers. These passwords can be shared via messaging apps.
- **Periodic Password:** Set passwords that are valid for a specific period, useful for recurring access.
- **Unlock Records:** View a history of all unlocking events (method, time, user) directly in the Tuya APP.

Tuya APP Temporary Password Remotely Unlock

When you're not home, can set Tuya APP temporary password.
Copy password, Share password via wechat, email and SMS to unlock.



Image: A mobile phone displaying the Tuya APP interface for generating a temporary password, with the smart lock visible on a door, illustrating the remote access capability.

6. Normally Open Mode:

- This mode allows the door to remain unlocked for frequent entry and exit without requiring an unlock method each time.
- *To activate/deactivate:* Refer to the Tuya APP settings or the lock's administrator menu for specific instructions.

Can set normally open mode.

Frequent entry and exit can be set to normally open model
Temperature - 40 to 70°C can be used



Normally open mode



Temperature: - 40 ~ 70°C



Image: Depicts a door equipped with the smart lock set to 'Normally Open Mode', signifying that the lock will remain disengaged, allowing for unrestricted passage without requiring authentication.

MAINTENANCE

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

1. Battery Replacement:

- The lock will provide a low battery warning (audible or via APP notification).
- Replace all 4 AAA batteries promptly. Do not mix old and new batteries.
- If batteries are completely depleted, use the mechanical key or a Type-C USB power bank for emergency power to unlock.

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 keypad clean and free of dust or debris.

3. Environmental Considerations:

- Ensure the lock operates within the specified temperature range of -20 to 60°C.
- Avoid exposing the lock to excessive moisture or direct water spray.

TROUBLESHOOTING

If you encounter issues with your smart lock, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Lock does not respond / No power	<ul style="list-style-type: none">◦ Batteries are depleted or incorrectly installed. Replace batteries, ensuring correct polarity.◦ Use a Type-C USB power bank for emergency power.
Fingerprint not recognized	<ul style="list-style-type: none">◦ Finger is not placed correctly on the sensor. Ensure full contact.◦ Fingerprint sensor is dirty. Clean with a soft, dry cloth.◦ Fingerprint not registered. Register your fingerprint via the Tuya APP or administrator settings.◦ Fingerprint may be worn (e.g., elderly users). Use RFID card or password.
Password not working	<ul style="list-style-type: none">◦ Incorrect password entered. Verify the password.◦ Password not confirmed with '#'.◦ Virtual password entered incorrectly (too many or too few random digits).◦ Password expired (for temporary/periodic passwords).
RFID card not working	<ul style="list-style-type: none">◦ Card not registered. Register the RFID card via the Tuya APP or administrator settings.◦ Card not placed correctly on the reader.◦ Card is damaged.
Cannot connect to Tuya APP / WiFi	<ul style="list-style-type: none">◦ WiFi signal is weak or out of range. Move router closer or use a WiFi extender.◦ Incorrect WiFi password entered during setup.◦ Lock is not in pairing mode. Refer to initial setup instructions.◦ Router settings (e.g., 2.4GHz vs 5GHz network). Ensure 2.4GHz is used.
Lock is stuck or difficult to operate	<ul style="list-style-type: none">◦ Misalignment during installation. Check if the lock body and strike plate are aligned.◦ Door frame or door itself is warped.◦ Internal mechanism obstruction. Do not force the handle.

WARRANTY AND SUPPORT

For warranty information specific to your purchase, please refer to the terms and conditions provided by your retailer or seller at the time of purchase. KIEEQGAK products are typically covered by a manufacturer's warranty against defects in materials and workmanship.

If you require technical support, have questions about installation, or need assistance with troubleshooting that is not covered in this manual, please contact the seller or the manufacturer's customer service directly. Please have your product model number (X8 170x22(4558)) and purchase details ready when contacting support.

