

FITNATE HS0434

FITNATE HS0434 Fingerprint Keypad Smart Door Knob User Manual

Model: HS0434 | Brand: FITNATE

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1. INTRODUCTION

The FITNATE HS0434 Fingerprint Keypad Smart Door Knob provides secure and convenient access control for various indoor environments. This smart door knob offers multiple unlocking methods including fingerprint recognition, password entry, mobile application control, and traditional physical keys. It is designed for easy installation and user-friendly operation, enhancing security and convenience for bedrooms, offices, apartments, and more.

4-IN-1 Smart Door Knob

Meet all scenarios, bring more convenience to your life



Fingerprint
Unlock



Password
Unlock



App
Unlock



Mechanical
Key Unlock



Image: Overview of the FITNATE Smart Door Knob highlighting its four unlocking methods.

2. WHAT'S IN THE BOX

Before beginning installation, please verify that all components are present in your package:

- Fingerprint Lock (Exterior Knob)
- Interior Knob
- Latch
- Strike Box
- Keys (x2)
- Screws (x6)
- Screwdriver
- User Manual
- Installation Card/Template
- Gloves (x2)

Video: This video demonstrates the unboxing and lists the contents of the FITNATE HS0434 Smart Door Knob kit (0:03-0:08).

3. SETUP & INSTALLATION

The FITNATE HS0434 Smart Door Knob is designed for straightforward installation. Please follow these steps carefully. A screwdriver is required for installation.

3.1. Prepare the Door

1. **Check Door Dimensions:** Ensure your door meets the required specifications for installation. Refer to the provided installation card or the image below for hole diameter, door thickness, and backset measurements.



Image: Door size requirements for FITNATE HS0434 installation.

2. **Remove Existing Hardware:** If replacing an existing door knob, remove the old hardware, including the interior knob, exterior knob, and latch.

3.2. Install the Latch

1. Insert the latch into the door edge hole. Ensure it is oriented correctly with the bevel facing the door frame.
2. Secure the latch with the provided screws.

3.3. Install Exterior Door Handle

1. Align the exterior door handle with the latch and the door hole.
2. Carefully pass the spindle through the latch mechanism.

3.4. Install Interior Door Handle

1. Pass the power cord from the exterior handle through the rear door handle.
2. Secure the interior door handle to the exterior handle using the long screws.

3.5. Install Batteries

1. Remove the battery cover from the interior knob.
2. Insert four (4) AA alkaline batteries, ensuring correct polarity (+/- terminals).
3. Connect the power cord to the battery compartment.
4. Replace the battery cover.

Video: Detailed installation guide for the FITNATE HS0434 Smart Door Knob (0:08-1:26).

4. OPERATION

The FITNATE HS0434 Smart Door Knob offers multiple ways to unlock and manage access.

4.1. App Control (Tuya Smart App)

1. **Download the App:** Scan the QR code below or search for "Tuya Smart" or "Smart Life" in the App Store (iOS) or Google Play (Android).

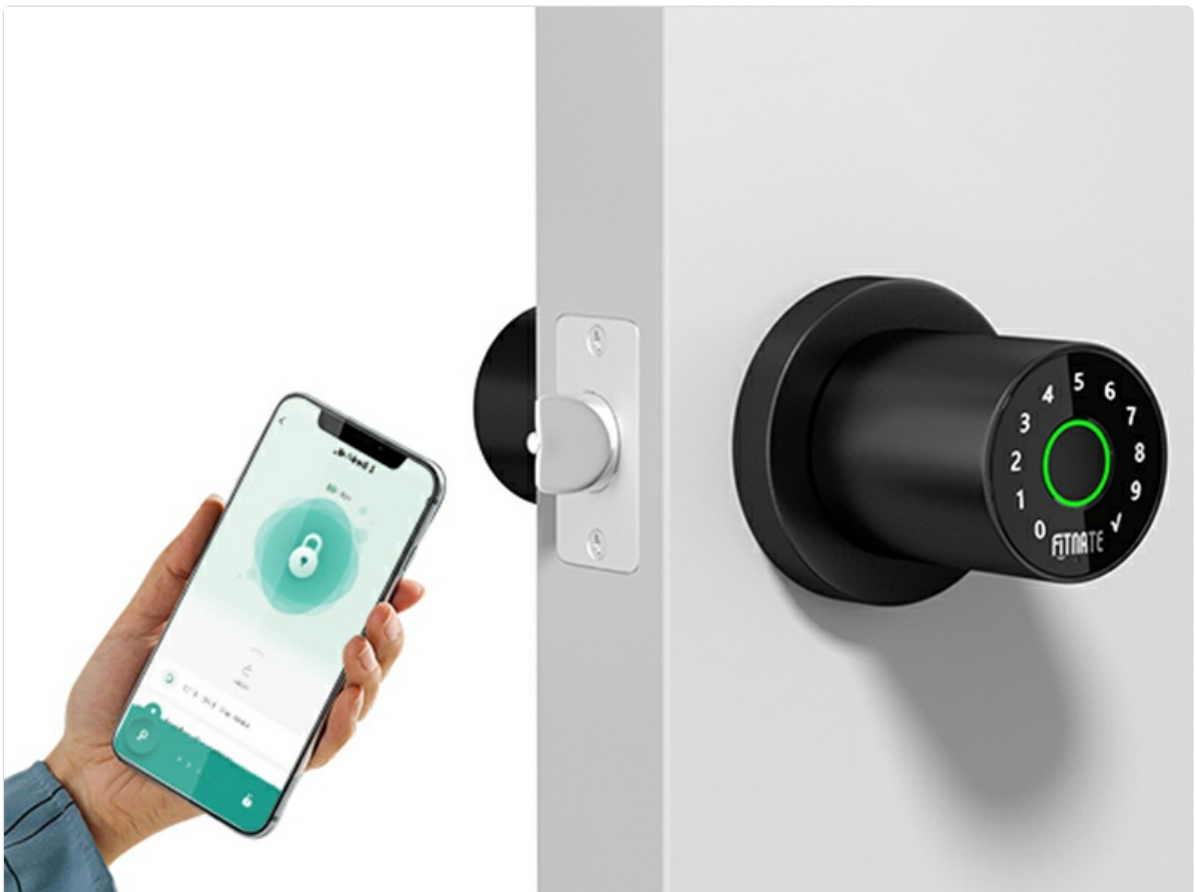


Image: Tuya Smart App interface for controlling the door knob.

2. **Create Account & Log In:** Open the app and follow the prompts to create your account and log in.

3. **Connect the Lock:**

- Ensure Bluetooth is enabled on your smartphone.
- In the app, click the "+" icon in the upper right corner to add a device.
- Touch the fingerprint screen of the lock to enable Bluetooth for easier connection.
- Select the discovered device (e.g., "JB-ZAM") and click "Add".
- Wait for successful connection. You can rename the lock for easy identification.

4. **Unlock/Lock via App:** On the app's main screen, hold and drag the unlock icon to unlock or lock the door.

5. **Add Fingerprint:**

- Go to "Member Management" and choose "Admin" or another user.
- Click "Fingerprint" and then "Add".
- Follow the on-screen instructions to register your fingerprint by repeatedly placing your finger on the sensor.



Image: Fingerprint recognition for keyless entry.

6. Add Password:

- In "Member Management", click "Code" and then "Add".
- Enter a 6-10 digit password.



Image: Virtual password entry on the keypad.

7. **Add One-Time Password:** Click "Temporary Code" and choose the code type (e.g., Time-Limited, One-Time, Dynamic, Custom) to set a temporary password.
8. **Mute Lock Volume:** Go to "More" settings in the app and select "Mute" for the lock volume.
9. **Passage Mode:** Enable "Passage Mode" in the app settings. When enabled, the lock will remain in the normally open state after unlocking, allowing frequent access without re-entry.
10. **Unlock History:** View a record of when the lock was opened and by which user. Access this by entering the lock page and clicking "Unlock Record" at the bottom.
11. **Low Battery Reminder:** The app will display a low battery reminder. Replace batteries within a week to ensure proper lock function. The door lock requires four LR6/AA/1.5V alkaline batteries.

Video: Demonstrates app setup and various app-controlled functions (1:26-2:28).

4.2. Mechanical Key Unlock

In case of battery depletion or other issues, the door can always be unlocked using the provided physical keys. The keyhole is located on the exterior knob.



Image: Unlocking the door knob with a mechanical key.

4.3. Emergency Power (USB Type-C)

If the batteries are completely drained and you do not have the physical key, the door knob supports emergency power via a USB Type-C port. Connect a power bank or USB-C charger to the port on the exterior knob to temporarily power the lock and use fingerprint or keypad entry.

Energy Conservation



Image: USB Type-C port for emergency power.

Video: Demonstrates mechanical key unlock and USB-C emergency power (2:30-2:39).

5. MAINTENANCE

- **Battery Replacement:** Replace all four AA batteries when the low battery indicator appears in the app or on the lock. Use high-quality alkaline batteries for optimal performance.
- **Cleaning:** Wipe the exterior of the door knob with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- **Fingerprint Sensor:** Keep the fingerprint sensor clean and dry for accurate recognition.
- **Keypad:** Ensure the keypad is free from dirt or debris.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Door knob does not respond.	Dead batteries.	Replace all four AA batteries. Use the USB-C emergency power port if needed.
Fingerprint not recognized.	Finger is wet/dirty, sensor is dirty, or fingerprint not properly registered.	Ensure finger and sensor are clean and dry. Re-register fingerprint if necessary. Try different angles.
Keypad not responding.	Incorrect password, low battery, or keypad malfunction.	Verify password. Replace batteries. If issue persists, contact support.
App cannot connect to the lock.	Bluetooth off, lock not in pairing mode, or app issue.	Ensure Bluetooth is on. Touch fingerprint sensor to activate pairing. Restart app/phone.
Door does not lock automatically in Passage Mode.	Passage Mode is enabled.	Disable Passage Mode in the app if automatic locking is desired.

7. SPECIFICATIONS

Feature	Detail
Brand	FITNATE
Model Number	HS0434
Lock Type	Biometric
Unlocking Methods	Fingerprint, Keypad, App Control, Mechanical Key
Material	Metal
Color	Matte Black
Power Source	4 x AA Batteries (not included)
Emergency Power	USB Type-C Port
Connectivity	Bluetooth (Wi-Fi with separate gateway)
Special Features	Auto-Lock, Fingerprint, App Control, Virtual Password, Passage Mode
Item Dimensions (L x W x H)	7.95 x 3.23 x 3.23 inches

8. WARRANTY & SUPPORT

FITNATE products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official FITNATE website. If you encounter any issues or have questions regarding your Smart Door Knob, please contact FITNATE customer support for assistance.

Customer Support: Refer to your product packaging or the official FITNATE website for contact information.

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