

## OFFTV CG002

# OFFTV Fingerprint Door Lock User Manual

Model: CG002

## 1. INTRODUCTION

---

This manual provides detailed instructions for the installation, operation, and maintenance of your OFFTV Fingerprint Door Lock. This smart biometric door knob offers multiple access methods including fingerprint, passcode, mechanical keys, and smartphone application control, ensuring enhanced security and convenience for your home or office.

Key features include:

- **4-in-1 Access:** Fingerprint, Passcode, Mechanical Keys, and APP Control.
- **Fast Recognition:** 0.3s fingerprint recognition, 1s to open.
- **High Capacity:** Stores up to 100 fingerprints and 50 passcodes.
- **Enhanced Sensor:** Upgraded 160x160 DPI fingerprint sensor, 35% larger for improved accuracy.
- **Emergency Power:** USB port for emergency charging in case of battery depletion.
- **Easy Installation:** Designed for standard US doors, suitable for both left and right-handed doors.



Image 1.1: The OFFTV Fingerprint Door Lock, showcasing its sleek black design, integrated keypad, fingerprint sensor, and a smartphone displaying the companion app interface.

## 2. SETUP AND INSTALLATION

---

The OFFTV Fingerprint Door Lock is designed for straightforward installation. It is compatible with US standard doors with back panel sizes of 2-3/8 inches (60mm) and 2-1/8 inches (70mm), and door thicknesses ranging from 1-1/8 inches to 2-1/8 inches (30mm-55mm). The lock is reversible and suitable for both left and right-opening doors.

### 2.1 Package Contents

Verify that all components are present:

- Fingerprint door lock assembly (front and rear handles)
- Adjustable single latch
- 2 mechanical spare keys

- Mounting screws and hardware
- Installation instructions (this manual)

## 2.2 Installation Steps

1. **Prepare the Door:** Ensure your door meets the specified dimensions for back panel and thickness.
2. **Install the Latch:** Insert the adjustable single latch into the door edge and secure it with screws. Adjust the latch length if necessary.
3. **Install the Front Handle:** Route the data cable from the front handle through the door hole. Position the front handle on the exterior side of the door.
4. **Install the Rear Handle:** Connect the data cable from the front handle to the rear handle. Align the rear handle with the front handle and secure it using the provided screws. Ensure the handles are flush and operate smoothly.
5. **Insert Batteries:** Open the battery compartment on the rear handle and insert 4 AAA batteries (not included), observing polarity.
6. **Test Operation:** After installation, test the mechanical key operation and initial electronic functions before closing the door.

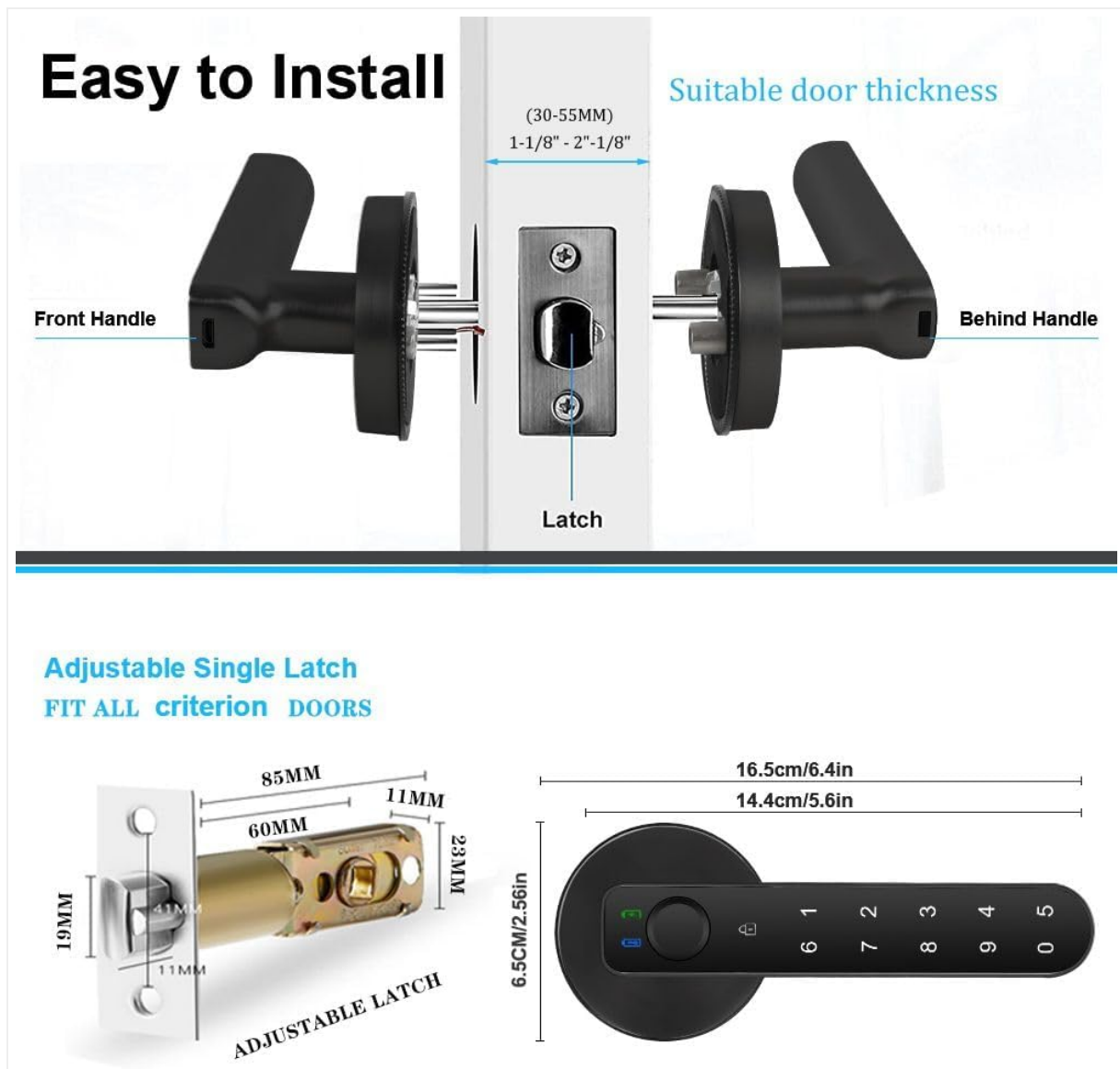


Image 2.1: An illustration detailing the easy installation process, including the front handle, latch, and rear handle, along with a diagram of the adjustable single latch and its dimensions (60mm/70mm backset).

## 3. OPERATING INSTRUCTIONS

Your OFFTV Fingerprint Door Lock offers multiple convenient ways to unlock your door.

### 3.1 Fingerprint Unlock

The lock features an upgraded 160x160 DPI sensor for quick and accurate fingerprint recognition. It can store up to 100 unique fingerprints.

- **Enrollment:** Follow the instructions in the companion app or the lock's programming mode to add new fingerprints. You will typically be prompted to place your finger on the sensor multiple times from different angles for optimal recognition.
- **Unlocking:** Place your enrolled finger on the fingerprint sensor. The lock will recognize your fingerprint in approximately 0.3 seconds and unlock the door within 1 second.



Image 3.1: A hand demonstrating the fingerprint unlock feature by placing a finger on the illuminated sensor of the door lock.

### 3.2 Passcode Unlock

The integrated keypad allows for passcode entry. The lock supports up to 50 unique passcodes.

- **Enrollment:** Use the companion app or the lock's programming mode to set up new passcodes.
- **Unlocking:** Enter your registered passcode on the keypad.



Image 3.2: A hand interacting with the illuminated keypad on the door lock to enter a passcode.

### 3.3 Mechanical Key Unlock

For traditional access or in emergency situations, two mechanical keys are provided.

- **Unlocking:** Insert the mechanical key into the keyhole located on the front handle and turn to unlock.



Image 3.3: A hand inserting a traditional mechanical key into the keyhole of the smart door lock for manual unlocking.

### 3.4 Smartphone App Control

Manage your lock conveniently via the dedicated smartphone application (available for Android and iOS, connects via Bluetooth).

- **Features:** The app allows you to manage fingerprints and passcodes, check battery usage, adjust lock volume, and view unlock records.
- **Remote Access:** With an optional gateway (not included), you can control the lock remotely and integrate with voice assistants like Alexa and Google Assistant.
- **One-Time Passwords:** Generate temporary, one-time passcodes for guests or service providers directly from the app.



Image 3.4: A smartphone screen showing the OFFTV application interface, which allows for managing lock settings and access.

### 3.5 Automatic/Manual Locking

The lock supports both automatic and manual locking modes.

- **Automatic Lock:** In this mode, the door will automatically lock after a set period (e.g., 5 seconds) once closed. This feature helps prevent accidental unlocking.
- **Passage Mode:** This mode disables automatic locking, allowing the door to remain unlocked for frequent access. Ideal for periods when the door needs to be opened and closed repeatedly without requiring authentication.

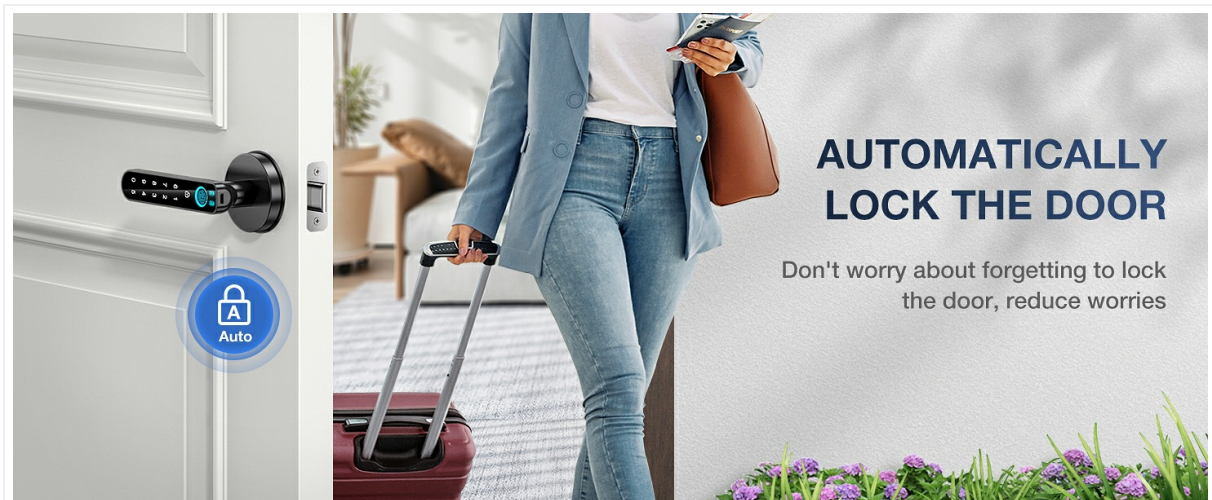


Image 3.5: An illustration of the automatic locking feature, showing a person leaving a door that automatically locks behind them.

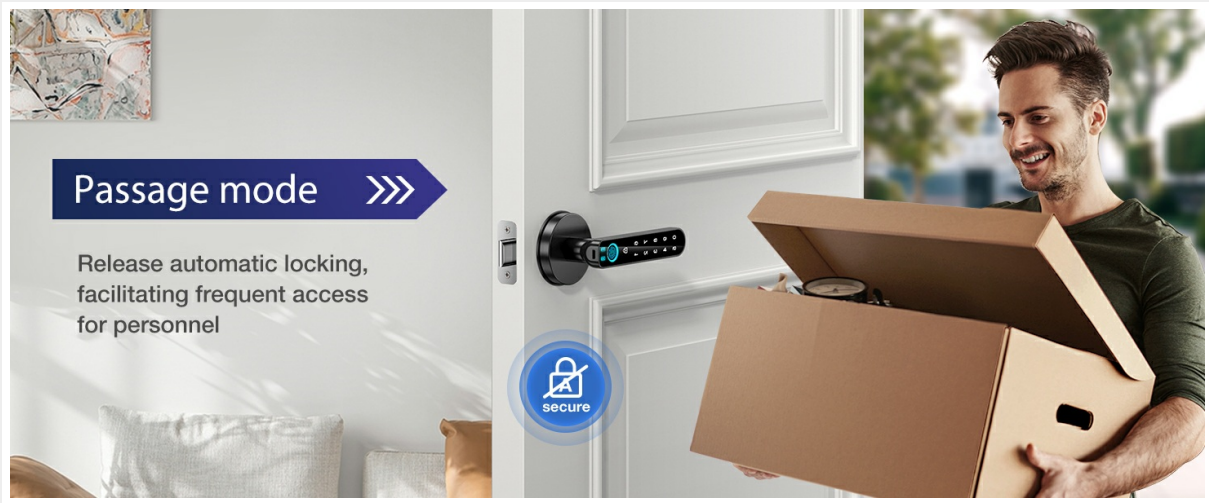


Image 3.6: An illustration of the passage mode, showing a person easily moving through a door with a box, indicating the automatic locking is temporarily disengaged.

### 3.6 Virtual Password (Anti-Snooping)

To prevent others from guessing your passcode, you can enter random numbers before or after your actual passcode. As long as the correct consecutive passcode is embedded within the sequence, the lock will open.

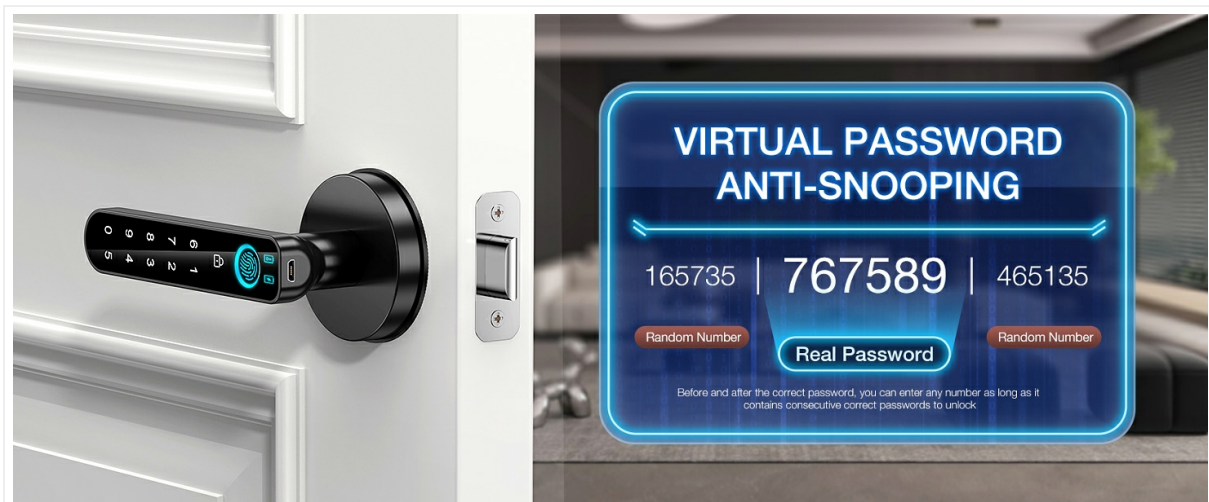


Image 3.7: A visual representation of the virtual password feature, showing how random numbers can be entered before and after the real password to enhance security against observation.

### 3.7 Silent Mode

Activate silent mode to disable keypad beeps and other sound indicators, providing quiet operation.

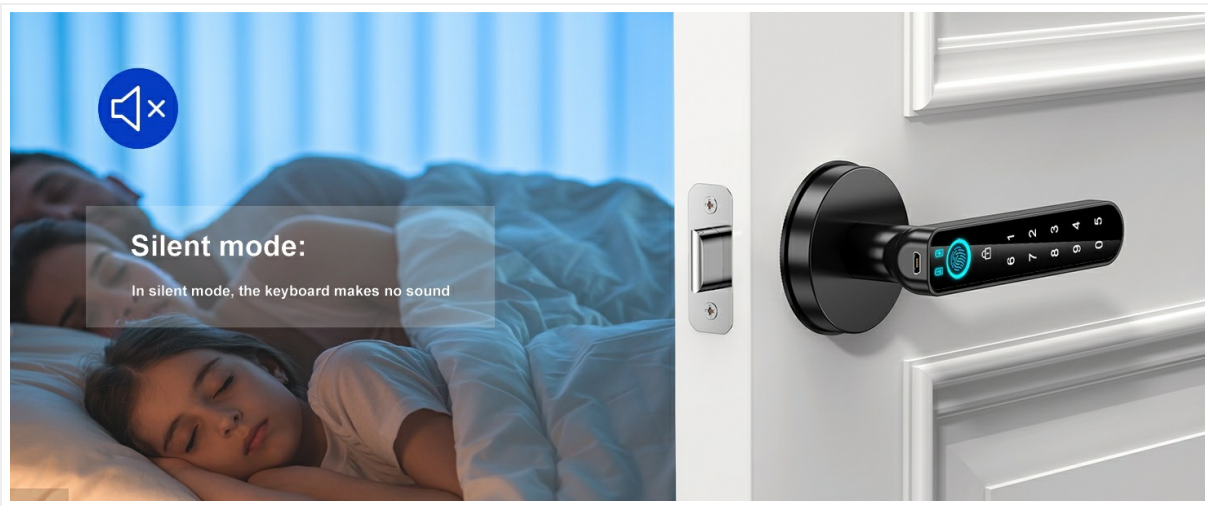


Image 3.8: An illustration depicting a family sleeping, with a silent mode icon, indicating that the lock operates without sound in this setting.

### 3.8 Unlock Records

The lock records all unlock events, which can be viewed through the companion app. This provides a history of who accessed the door and when.

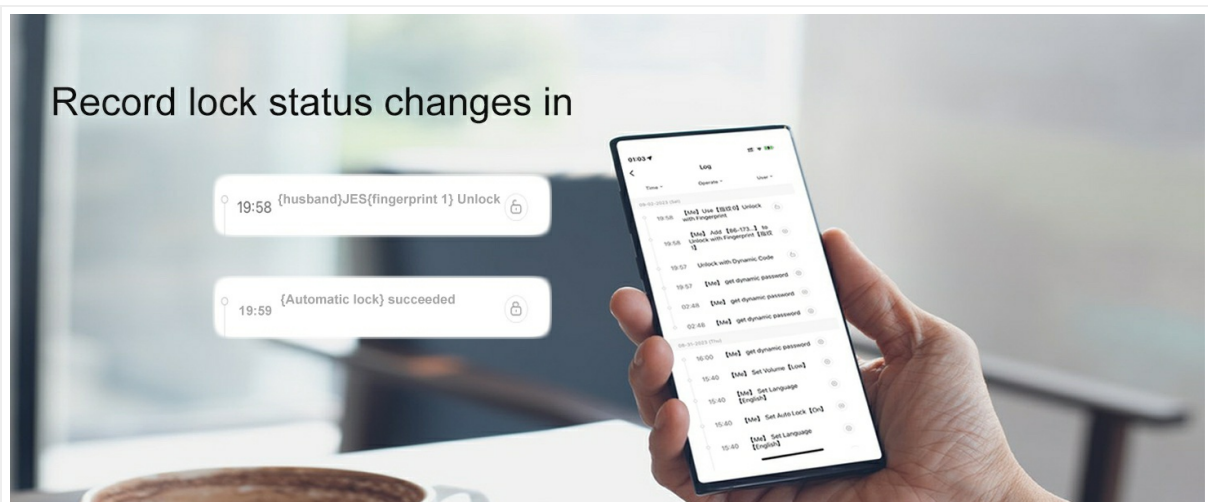


Image 3.9: A smartphone screen showing a detailed log of lock status changes and unlock events, accessible via the app.

## 4. MAINTENANCE

### 4.1 Battery Management

The lock requires 4 AAA batteries (not included). It features a low battery alarm function to notify you when batteries need replacement.

- **Battery Replacement:** When the low battery alarm sounds, replace all 4 AAA batteries promptly.
- **Emergency Charging:** If the batteries completely deplete, you can use a portable power bank connected to the USB emergency charging port on the front handle to temporarily power the lock and gain access.



Image 4.1: An illustration showing the door lock being powered by a portable USB power bank connected to its emergency charging port, alongside a mechanical key for backup access.

## 4.2 Cleaning

To maintain the appearance and functionality of your lock:

- Wipe the lock surface with a soft, dry cloth.
- Avoid using abrasive cleaners or solvents, which can damage the finish or electronic components.
- Keep the fingerprint sensor clean and free of debris for optimal performance.

## 5. TROUBLESHOOTING

If you encounter issues with your OFFTV Fingerprint Door Lock, refer to the following common solutions:

- **Lock Not Responding:** Check battery levels. If low, replace batteries or use the USB emergency charging port.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Try placing your finger on the sensor from different angles. Re-enroll your fingerprint if issues persist.
- **Passcode Not Working:** Double-check the entered passcode. Ensure you are not in silent mode if you expect audible feedback.
- **Anti-Theft Locking Activated:** If 8 incorrect fingerprint or passcode attempts are made consecutively, the system will lock for 3 minutes. All fingerprint and passcode entries will be temporarily invalid during this period. Wait for the lockout period to expire before trying again.
- **Mechanical Key Not Working:** Ensure the key is fully inserted and turned correctly. Do not force the key.

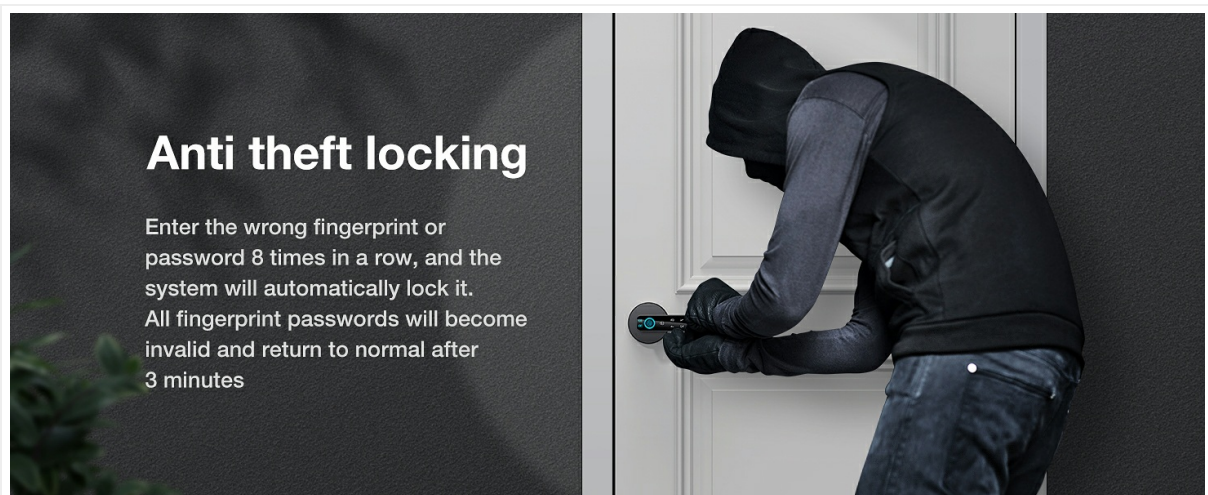


Image 5.1: An illustration depicting the anti-theft locking feature, where repeated incorrect attempts lead to a temporary lockout.

For further assistance, please contact customer support.

## 6. SPECIFICATIONS

---

Feature	Detail
Brand	OFFTV
Model Name	CRASA (CG002)
Lock Type	Biometric, Keypad, Mechanical Key, App Control
Special Feature	Fingerprint
Material	Zinc
Color	Black APP
Finish Type	Oil Rubbed
Item Dimensions (L x W x H)	6.3 x 2.76 x 2.36 inches
Item Weight	2.16 pounds (0.98 Kilograms)
Power Source	4 AAA Batteries (not included)
Emergency Power	USB Charging Port
Connectivity Protocol	Bluetooth
Controller Type	Android, Hand Control, Mechanical knob
Door Thickness Compatibility	1-1/8 inches to 2-1/8 inches (30mm-55mm)
Back Panel Size Compatibility	2-3/8 inches (60mm) and 2-1/8 inches (70mm)
Fingerprint Capacity	100
Passcode Capacity	50

## 7. WARRANTY AND SUPPORT

---

OFFTV is committed to providing reliable products and excellent customer service.

- **Money-Back Guarantee:** Enjoy a 30-day money-back guarantee from the date of purchase.
- **Warranty:** Your OFFTV Fingerprint Door Lock is covered by a 12-month warranty against manufacturing defects.
- **Technical Support:** We offer lifespan technical support for your product.

If you have any questions, require assistance, or need to claim warranty service, please contact our customer service team. We aim to provide a responsive customer service within 24 hours.

