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Splenssy d67aee4a-ee49-4801-b094-c0cc7424bd52

Splenssy Smart Lock User Manual

Model: d67aee4a-ee49-4801-b094-c0cc7424bd52

1. Product Overview

The Splenssy Smart Lock offers advanced security and convenience for your home or office. Featuring a 120° wide-angle camera and smart doorbell, it provides multiple unlocking methods including fingerprint, password, IC card, mechanical key, and mobile app control. Constructed from durable aluminum alloy and IMD material, this lock is designed for various door types with a thickness of 35-60mm.



Figure 1: Splenssy Smart Lock and included accessories.

2. Specifications

Feature	Detail
Power Supply	4 * AA batteries (not included), USB emergency power supply
Fingerprint Capacity	100 pieces
Password Capacity	100 sets
Card Capacity	100 cards
Application	TY/Smart Life
Network	2.4G WiFi
Door Thickness	35-60mm
Unlocking Methods	Fingerprint, password, card, key, application

Product Color	Black
Product Material	Aluminum Alloy+IMD
Product Size	265 * 59 * 25mm (10.4 * 2.3 * 1 inch)
Item Weight	3.89 pounds
Package Dimensions	13.46 x 6.89 x 4.65 inches



Figure 2: Detailed product parameters and dimensions.

3. Packing List

The package includes the following components:

- 1 * Front Panel
- 1 * Rear Panel
- 1 * 5050 Lock Body (160)
- 2 * Keys
- 2 * IC Cards
- 1 * Manual
- 1 * Bag of Screws

4. Installation Guide

Follow these steps carefully to install your Splenssy Smart Lock. It is recommended to watch the installation video for a visual guide.

4.1. Prepare the Door and Mortise Lock

Before installation, ensure your door thickness is between 35-60mm. Measure your old mortise lock to select the corresponding size for easy replacement.

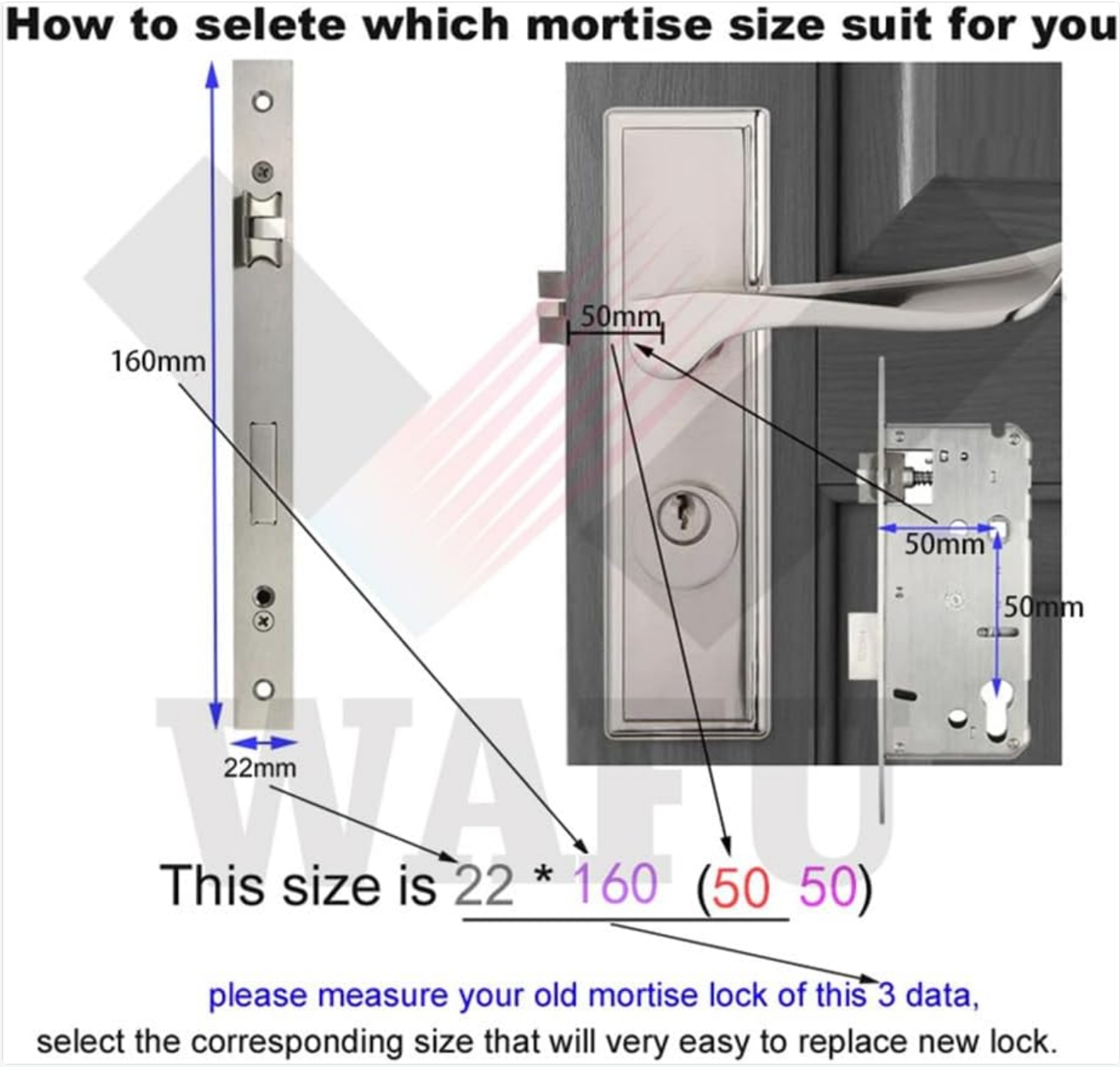


Figure 3: Guide for measuring your existing mortise lock to ensure compatibility.

Determine your door's opening direction (in-opening, out-opening, left push, right push, etc.) and adjust the locking tab on the mortise lock accordingly.

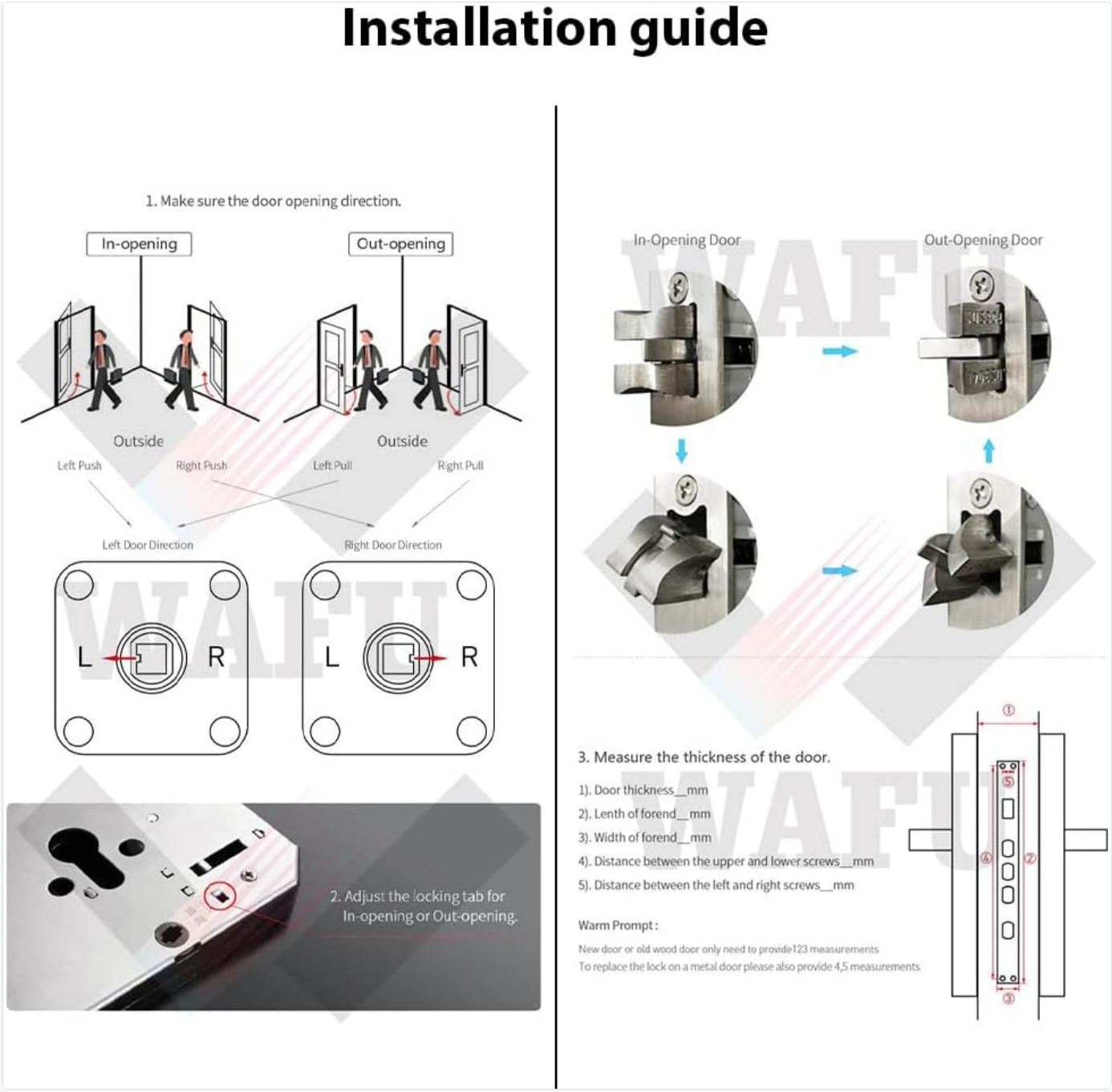


Figure 4: Understanding door opening directions and adjusting the mortise lock tab.

4.2. Installation Steps

1. **Change Lock Latch Direction:** If necessary, adjust the lock latch direction to match your door's opening. This is shown in the video from 0:01 to 0:11.
2. **Install Mortise Lock:** Insert the mortise lock into the door's prepared cavity and secure it with screws. (Video: 0:12 - 0:28)
3. **Prepare Front Panel:** Remove the screws from the front panel. (Video: 0:29 - 0:41)
4. **Select Square Rod:** Choose the appropriate square rod based on your door's thickness and mortise lock type. (Video: 0:42 - 0:50)
5. **Adjust Handle Direction:** Adjust the triangle piece on the handle according to the mortise lock type and door direction. Refer to the instructions on the lock body for specific guidance. (Video: 0:51 - 0:57)
6. **Install Front Panel:** Keep the square rod in place and carefully install the front panel onto the door, ensuring all cables pass through correctly. (Video: 0:58 - 1:10)
7. **Connect Rear Panel:** Connect the cable from the front panel to the rear panel. (Video: 1:11 - 1:18)
8. **Install Rear Panel:** Carefully install the rear panel onto the door, aligning it with the front panel. (Video: 1:19 - 1:30)

9. **Tighten Screws:** Tighten the screws on the rear panel, selecting the correct length based on your door thickness. (Video: 1:31 - 1:51)
10. **Insert Stopper and Batteries:** Insert the stopper into the designated slot and then install the AA batteries (not included). Close the battery cover. (Video: 1:52 - 1:59)

4.3. Installation Video Guide

Your browser does not support the video tag.

Video 1: Comprehensive installation guide for the Splenssy Smart Lock.

5. Setup and Configuration

The Splenssy Smart Lock can be managed via the TY/Smart Life mobile application. Ensure your smartphone is connected to a 2.4G WiFi network during setup.

5.1. App Installation and Connection

1. Download the "TY" or "Smart Life" app from your device's app store.
2. Register or log in to your account.
3. Follow the in-app instructions to add your smart lock. This typically involves putting the lock into pairing mode (refer to the lock's display or a specific button combination) and confirming the connection in the app.



Figure 5: Remote unlocking and notification via the mobile application.

5.2. User Management (Fingerprints, Passwords, Cards)

Once connected to the app, you can add and manage users for various unlocking methods:

- **Fingerprints:** Register up to 100 unique fingerprints. Follow the app's prompts to scan fingerprints multiple times for accurate recognition.
- **Passwords:** Create and manage up to 100 sets of passwords. Ensure passwords are secure and memorable.
- **IC Cards:** Enroll up to 100 IC cards for convenient tap-to-unlock access.



Figure 6: Fingerprint unlocking mechanism with 100-piece capacity.

6. Operating the Smart Lock

The Splenssy Smart Lock offers multiple ways to unlock and monitor your door.

6.1. Unlocking Methods

- **Fingerprint:** Place your registered finger on the fingerprint reader. The lock will unlock upon successful recognition.
- **Password:** Enter your registered password on the keypad and press the '#' key to confirm.
- **IC Card:** Tap your registered IC card against the card reader area.
- **Mechanical Key:** In case of emergency or battery depletion, use the provided mechanical key to unlock the door.
- **Mobile App:** Use the "TY" or "Smart Life" app to remotely unlock the door.

6.2. Smart Doorbell and Camera Features

The integrated 120° wide-angle camera and smart doorbell enhance your security:

- When someone rings the doorbell, the lock automatically captures a photo and sends a notification to your smartphone app.
- You can view the live feed or captured images through the app and remotely decide whether to grant access.
- The 3.5-inch high-definition screen on the lock provides clear visuals of visitors.



Figure 7: Front panel with 3.5-inch screen and camera for visitor identification.



Figure 8: The 120° ultra-wide camera provides extensive monitoring range.

6.3. Access Records

The app allows you to view door opening records, providing a history of who enters and exits your home.



Figure 9: Querying unlocked records through the mobile application.

7. Maintenance

- **Battery Replacement:** The lock is powered by four AA batteries. Replace them when the low battery indicator appears on the screen or in the app.
- **Emergency Power:** In case of complete battery depletion, use a USB power bank to provide emergency power via the USB port on the lock.
- **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.
- **Fingerprint Sensor Care:** Keep the fingerprint sensor clean and dry for optimal performance.

8. Troubleshooting

Problem	Possible Cause / Solution
Lock not responding	Check battery level. Use USB emergency power. Ensure proper installation and connections.
Fingerprint not recognized	Ensure finger is clean and dry. Try re-registering the fingerprint. Ensure finger is placed correctly on the sensor.
App connection issues	Ensure your phone is on a 2.4G WiFi network. Restart the app and the lock. Check router settings.
Doorbell not sending notifications	Check app notification settings. Ensure stable WiFi connection. Verify camera is unobstructed.
Lock makes unusual noises	Check for obstructions in the door frame or mortise. Ensure all screws are tightened correctly.

9. Important Safety Information

Please dispose of packaging materials properly after use to avoid choking hazard.



Figure 10: Warning regarding proper disposal of packaging materials.

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official Splenssy website. Keep your purchase receipt for warranty claims.

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