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UYF wifi smart lock with handle

UYF WiFi Smart Lock with Handle Instruction Manual

Model: wifi smart lock with handle

1. Product Overview

The UYF WiFi Smart Lock with Handle is a versatile keyless entry system designed for enhanced home security and convenience. It integrates multiple access methods including fingerprint recognition, keypad codes, Bluetooth app control, and remote WiFi access. This lock also features auto-locking, one-touch locking, and compatibility with smart home assistants like Alexa and Google Assistant.



Image 1.1: Overview of the UYF Smart Lock system, highlighting features like easy installation, WiFi remote control, Bluetooth control, auto-lock, anti-peeping password, weather resistance, emergency power supply, and Alexa compatibility.

The lock is constructed from heavy-duty metal with a backlit tempered glass touchscreen, ensuring durability and resistance to various weather conditions. It also includes security features such as privacy mode, passage mode, silent mode, invalid password alerts, and a tamper alarm.

2. Package Contents

Verify that all components are present in the package before beginning installation:

- Exterior Keypad Assembly
- Interior Handle Assembly

- Deadbolt Latch
- Strike Plate
- Mounting Hardware (screws, bolts)
- Mechanical Keys (2)
- Fobs (if included with your model)
- WiFi Gateway
- Installation Template
- User Manual

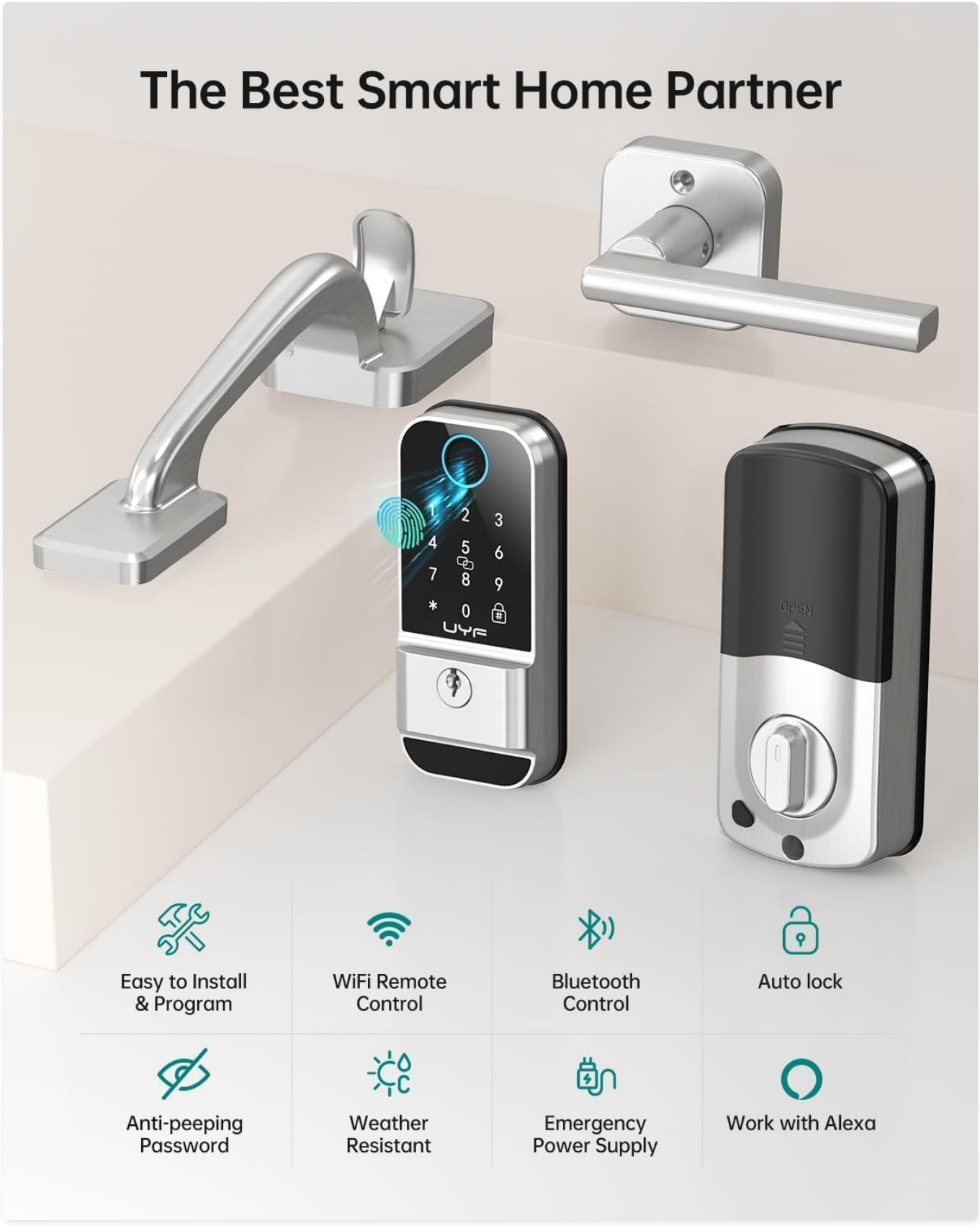


Image 2.1: All components of the UYF Smart Lock with Handle, including the exterior keypad, interior handle, deadbolt, and other accessories.

3. Installation Guide

3.1 Door Compatibility

Ensure your door meets the following specifications for proper installation:

- **Door Thickness:** 1.49-1.88 inches (38-48mm)
- **Backset:** 2.36/2.76 inches (60/70mm)
- **Door Hole Diameter:** 2.13 inches (54mm)
- Compatible with single cylinder deadbolts. Not compatible with mortise/integrated locks.

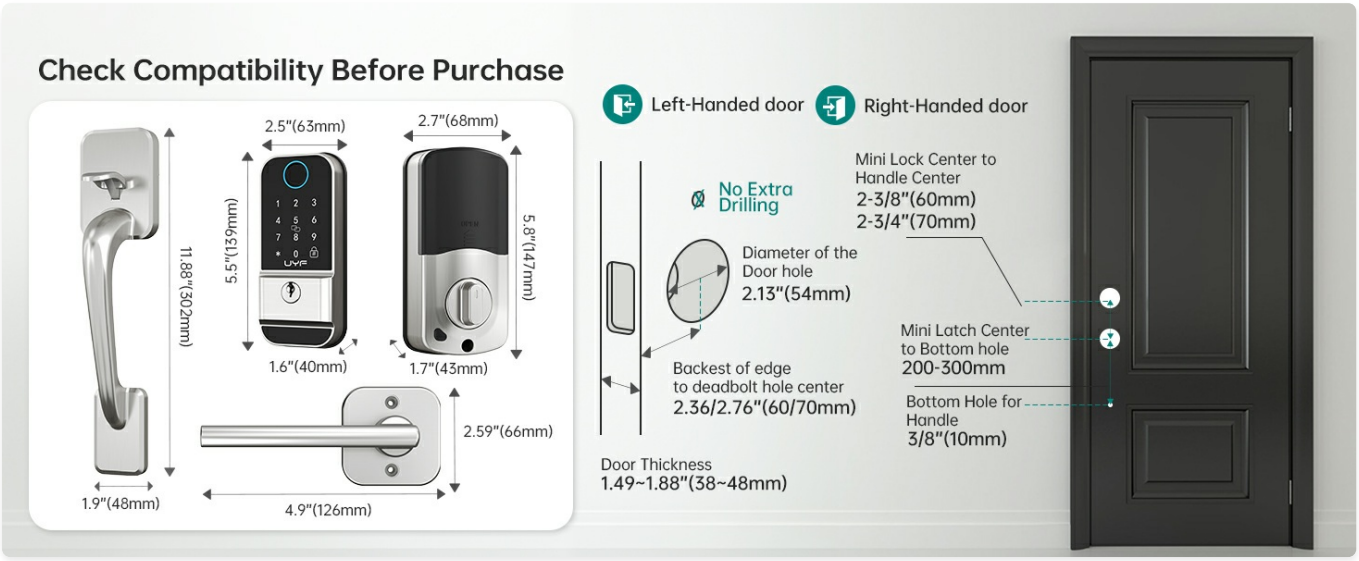


Image 3.1: Diagram illustrating door compatibility measurements and types for the UYF Smart Lock.

3.2 Installation Steps

The UYF Smart Lock is designed for easy installation, typically within 10 minutes, without requiring extra drilling for most standard US doors.

1. **Prepare the Door:** Ensure your door has the correct dimensions as specified in Section 3.1. Remove any existing lock hardware.
2. **Install the Deadbolt Latch:** Insert the deadbolt latch into the door edge and secure it with screws. Ensure the latch direction is correct for your door swing.
3. **Install Exterior Keypad:** Place the exterior keypad assembly onto the door, aligning the spindle through the deadbolt latch.
4. **Install Interior Mounting Plate:** Attach the interior mounting plate to the door, securing it to the exterior keypad assembly with screws.
5. **Connect Cables:** Connect the cable from the exterior keypad to the interior handle assembly.
6. **Install Interior Handle Assembly:** Mount the interior handle assembly onto the mounting plate, ensuring the thumb turn engages with the deadbolt mechanism. Secure with screws.
7. **Install Batteries:** Insert 4 AA alkaline batteries (not included) into the battery compartment of the interior assembly.
8. **Test Operation:** Manually test the lock and unlock function using the thumb turn and mechanical key.

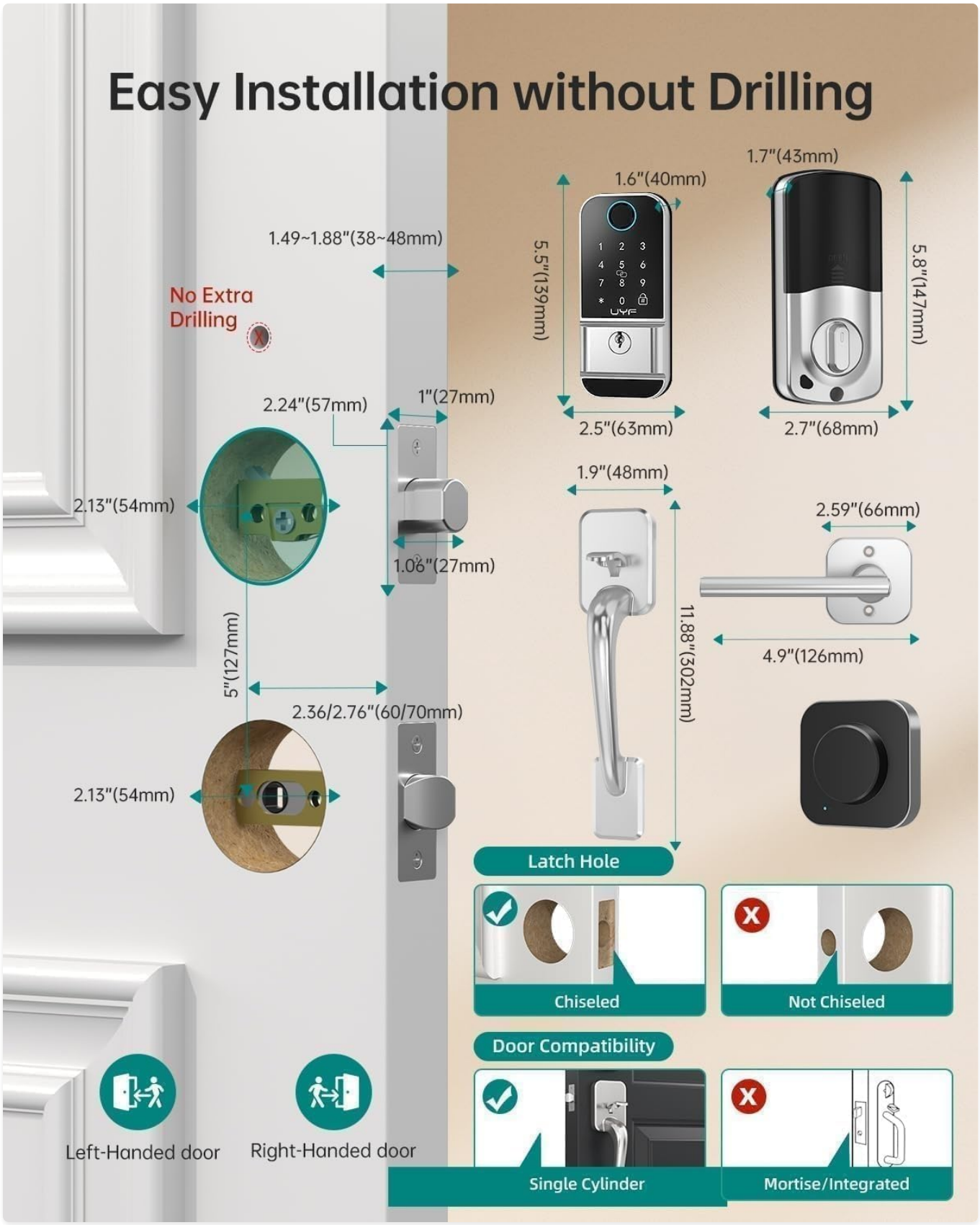


Image 3.2: Detailed diagram showing the installation process and dimensions for the UYF Smart Lock, including left-handed and right-handed door configurations.

4. Operating Instructions

4.1 Initial Setup and App Connection

Download the Smart Life App from your device's app store. Follow the in-app instructions to pair your UYF Smart Lock via Bluetooth and connect it to your home WiFi network using the included WiFi Gateway.

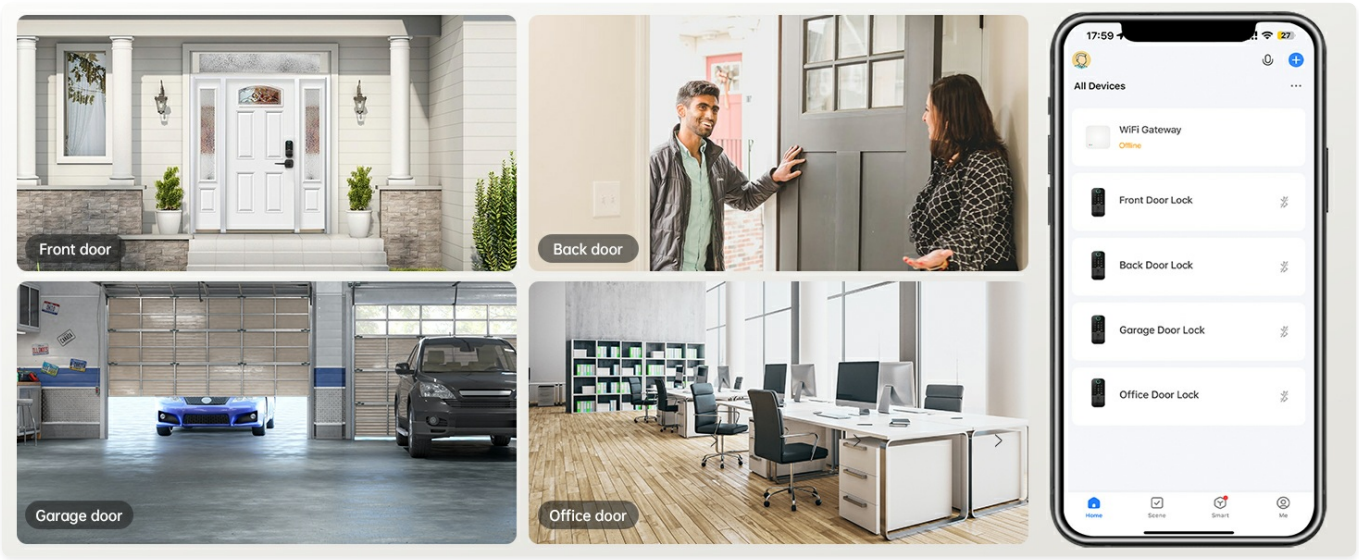


Image 4.1: The Smart Life App interface showing how to manage multiple UYF Smart Locks from a single application.

4.2 Fingerprint Unlock

The lock features a 360° fingerprint reader with AI self-learning technology for quick access. To add fingerprints:

1. Open the Smart Life App and navigate to your lock settings.
2. Select 'Fingerprint Management' and follow the prompts to register new fingerprints. You will typically need to place your finger on the sensor multiple times from different angles.



Image 4.2: Close-up of the UYF Smart Lock's fingerprint sensor and keypad, illustrating its quick recognition rate and anti-cracking encryption.

4.3 Keypad Code Entry

The backlit touchscreen keypad allows for code-based entry. You can create various types of codes:

- **Permanent Codes:** For regular users.
- **Timed Passwords:** Valid for a specific duration.
- **One-Time Passwords:** For single use access.

- **Custom Codes:** User-defined codes.

To add or manage codes, use the Smart Life App. The anti-peep function allows you to enter random digits before or after your actual code to prevent others from guessing it.

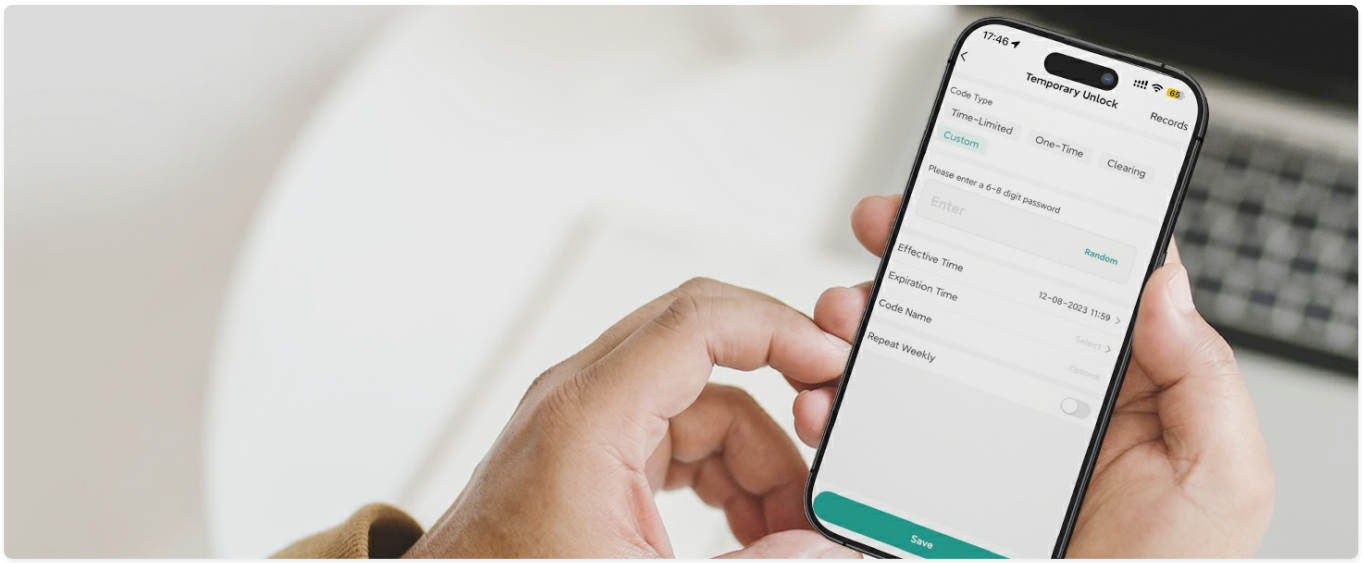


Image 4.3: The Smart Life App interface demonstrating the creation of various password types, including time-limited, one-time, and custom codes.

4.4 Remote Control via WiFi and Bluetooth

With the WiFi Gateway connected, you can remotely lock and unlock your door from anywhere using the Smart Life App. Bluetooth control is available when you are within close range of the lock.

- **Remote Unlock/Lock:** Open the app, select your lock, and tap the unlock/lock icon.
- **Activity Logs:** View a history of all lock activities, including who entered and when.
- **Notifications:** Receive instant alerts for lock status changes or security events.

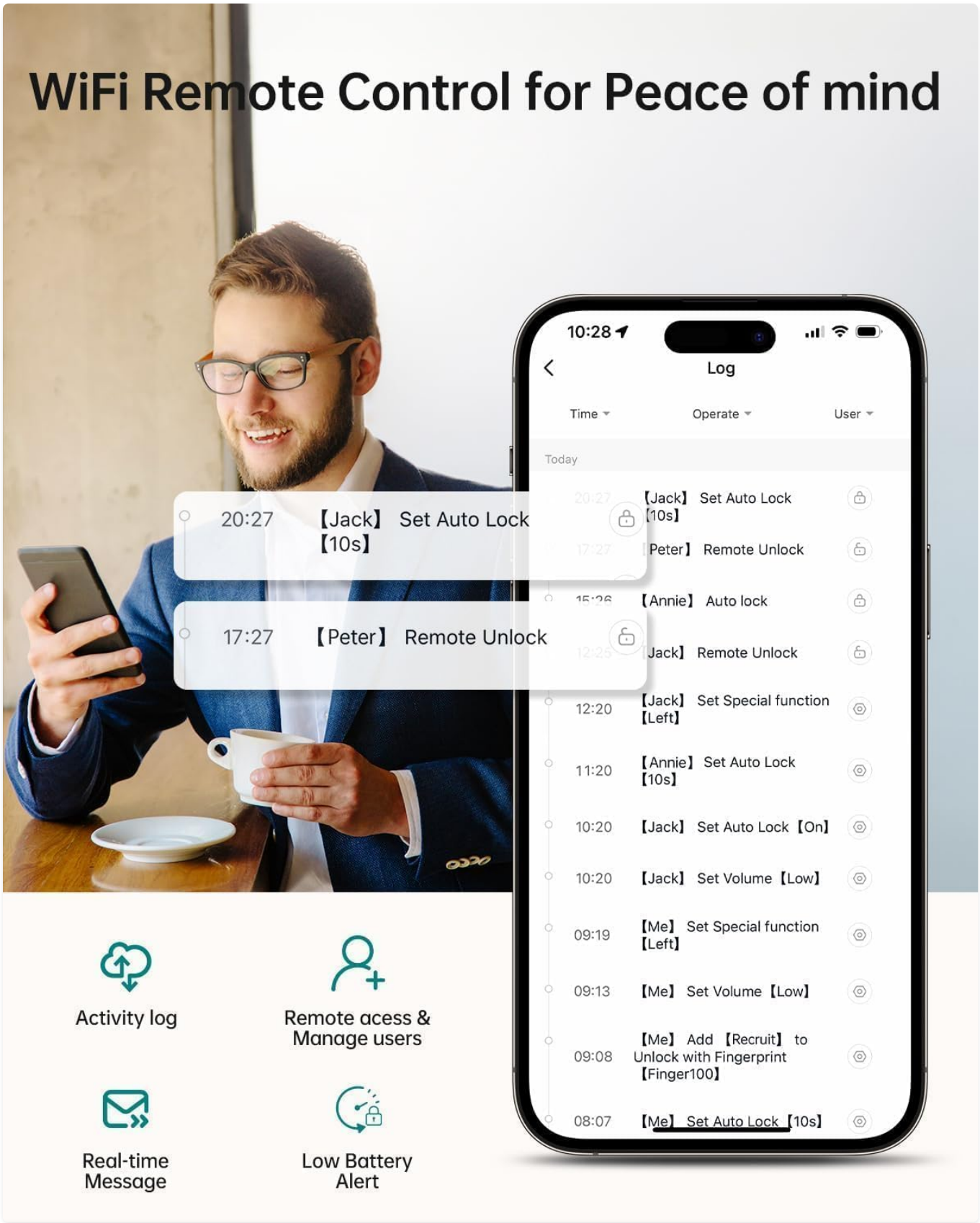


Image 4.4: A user interacting with the Smart Life App to view activity logs and remotely control the UYF Smart Lock.

4.5 Auto-Lock and One-Touch Lock

- **Auto-Lock:** The lock can be configured to automatically lock after a set period (5-1800 seconds) once the door is closed. This feature can be adjusted in the Smart Life App.
- **One-Touch Lock:** Press and hold the '#' key on the keypad for 1 second to quickly lock the door from the outside.

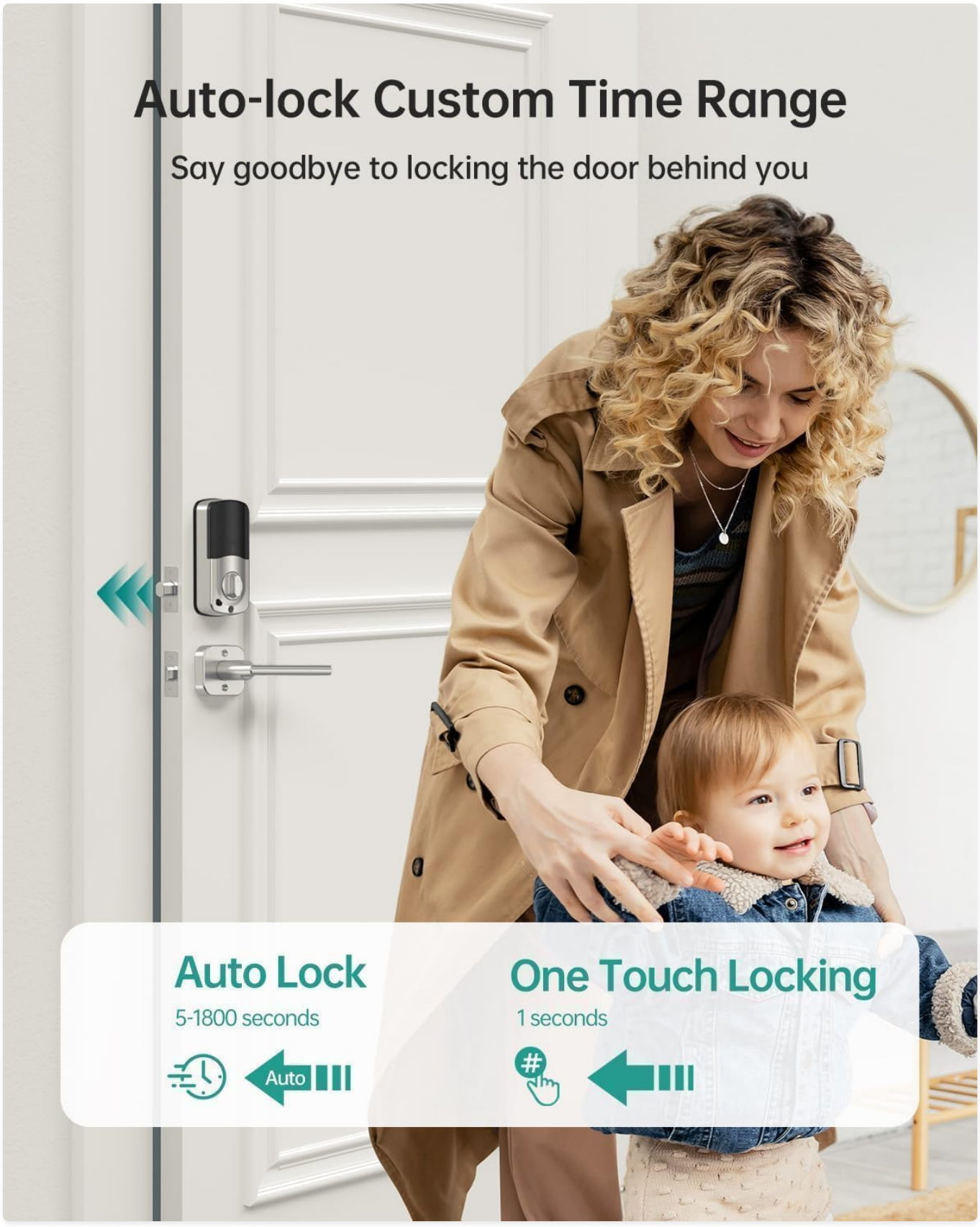


Image 4.5: Illustration of the auto-lock feature, which automatically secures the door after a customizable time range, and the one-touch locking function.

4.6 Voice Control Integration

The UYF Smart Lock can be integrated with Amazon Alexa and Google Assistant for voice control. Ensure your WiFi Gateway is properly set up and linked to your smart home ecosystem.

- **Linking:** Follow the instructions in the Smart Life App to link your lock with Alexa or Google Assistant.
- **Commands:** Use voice commands such as "Alexa, unlock my front door" (a code-based verification may be

required for unlocking via voice for security).



Image 4.6: A user demonstrating voice control of the UYF Smart Lock using smart speakers like Amazon Alexa and Google Assistant.

4.7 App Settings and User Management

The Smart Life App provides extensive settings for customizing your lock's behavior and managing users.

- **User Management:** Add or remove family members and guests, assign different access levels (admin, regular user).

- **Volume Settings:** Adjust the lock's sound volume.
- **Passage Mode:** Temporarily disable auto-lock for continuous access.
- **Privacy Mode:** Restrict all external access methods from the inside.
- **Set Direction in APP:** Configure the lock's internal mechanism for left-handed or right-handed doors.

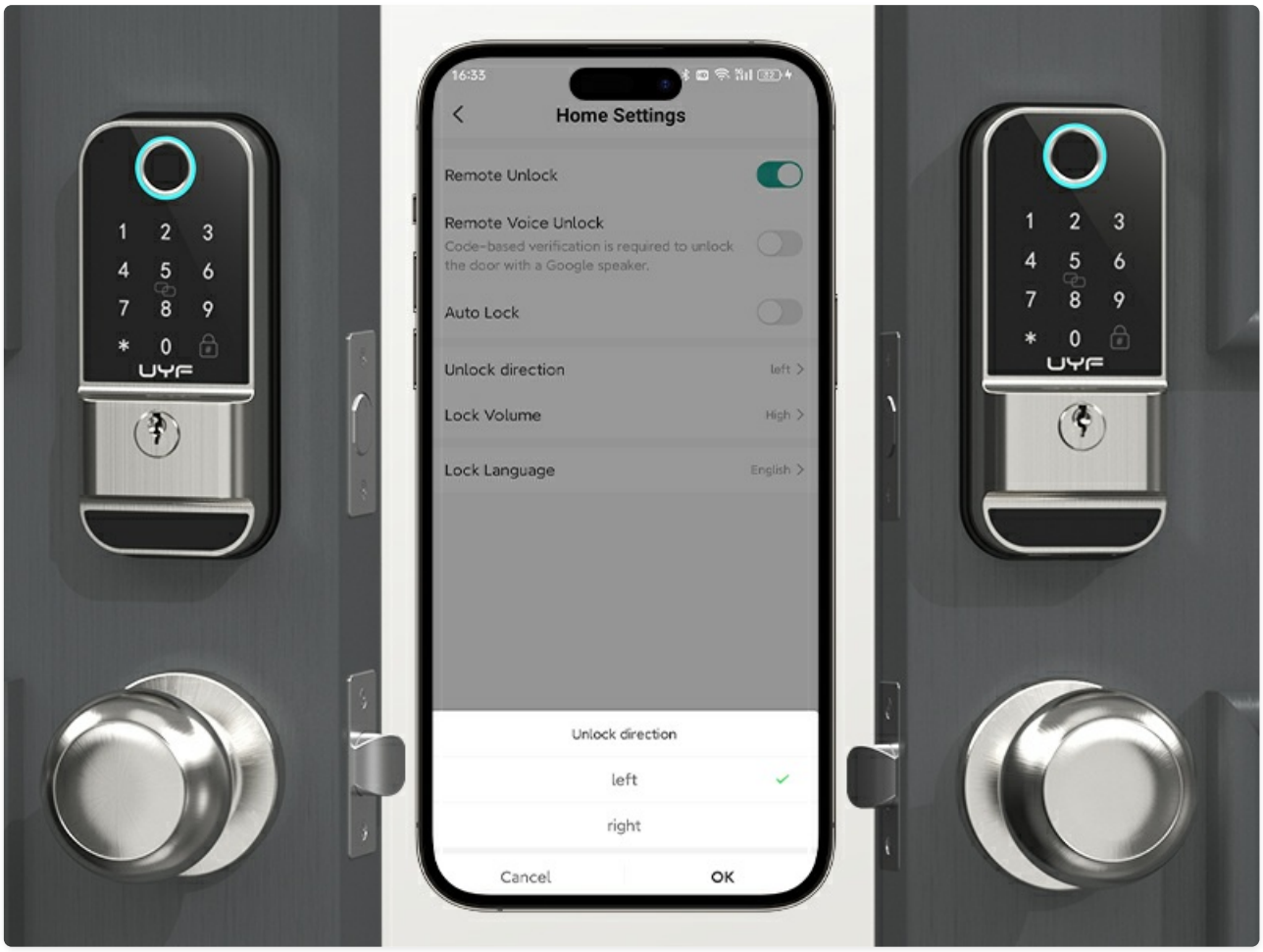


Image 4.7: Screenshot of the Smart Life App showing the option to set the door's unlock direction (left or right).

5. Maintenance

5.1 Battery Management

The UYF Smart Lock requires 4 AA alkaline batteries. A low battery alert will be issued through the app and on the lock itself when power is running low. Replace batteries promptly to ensure continuous operation.

- **Emergency Power:** In case of complete battery depletion, the lock features a Type-C emergency port for temporary power supply using a power bank.



Image 5.1: The UYF Smart Lock displaying a low battery alert and highlighting the Type-C emergency charging port.

5.2 Cleaning and Weather Resistance

The lock is IP65 weatherproof, designed to withstand various environmental conditions from -20°C to 70°C (-4°F to 158°F).

- **Cleaning:** Wipe the lock's surface with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Environmental Protection:** While weather-resistant, extreme prolonged exposure to harsh conditions should be minimized where possible.



Image 5.2: Visual representation of the UYF Smart Lock's IP65 weather resistance, showing its ability to function in rain, snow, and high temperatures.

6. Troubleshooting

This section addresses common issues you might encounter with your UYF Smart Lock.

- **Lock Not Responding:** Check battery levels. If batteries are low, replace them or use the emergency Type-C power port.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if the issue persists. The lock has a 99.99% recognition rate, but proper placement is key.
- **Keypad Not Responding:** Ensure the keypad is clean. If the lock is unresponsive, try replacing batteries.
- **App Connectivity Issues:** Verify your WiFi Gateway is powered on and within range of both the lock and your router. Check your home internet connection. Restart the app or your phone.
- **Invalid Password Alert:** If an incorrect password is entered 5 times, the lock will temporarily disable for 2 minutes as an anti-cracking measure. Wait for the lockout period to expire.
- **Tamper Alarm:** If the lock detects forced entry attempts, an alarm will sound. Check the activity log in the app for details.
- **Auto-Lock Not Working:** Check the auto-lock settings in the Smart Life App to ensure it is enabled and the delay time is correctly set.



Image 6.1: Illustration of the anti-peeping and anti-cracking features, showing how the lock handles incorrect password attempts and virtual passcodes.



Image 6.2: The Smart Life App displaying real-time activity logs and alerts, including notifications for wrong fingerprints, door prying, and invalid passwords.

7. Specifications

Feature	Specification
Brand	UYF
Model Number	wifi smart lock with handle
Lock Type	Deadbolt
Material	Stainless Steel
Color	Silver
Control Method	App, Remote, Touch, Voice

Feature	Specification
Connectivity Protocol	Bluetooth, Wi-Fi
Special Features	Fingerprint Lock, Keypad Smart Lock, App control, Auto Lock
Item Dimensions (L x W x H)	25 x 25 x 25 millimeters
Recommended Uses	Home
Power Source	4 AA Batteries (not included)
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Weather Resistance	IP65



Image 7.1: Overview of the UYF Smart Lock's durability features, including high-quality aluminum alloy construction, anti-impact rating, deadbolt strength test, and wide operating temperature range.

8. Warranty and Support

UYF provides a 30-day free return, money-back, and exchange service, along with a 1-year warranty. Free lifetime technical support is also available for your UYF Smart Lock.

For any questions or assistance, please contact UYF customer support. Refer to the contact information provided with

your product packaging or visit the official UYF website.

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