IRONZON LOC191YSUSIR

IRONZON Smart Fingerprint Door Lock (Model LOC191YSUSIR)

User Instruction Manual

1. INTRODUCTION

The IRONZON Smart Fingerprint Door Lock (Model LOC191YSUSIR) offers advanced security and convenient access for various environments, including homes, hotels, offices, and apartments. This modern door handle integrates multiple unlocking methods, ensuring both security and ease of use. Please read this manual thoroughly before installation and operation to ensure proper functionality and safety.
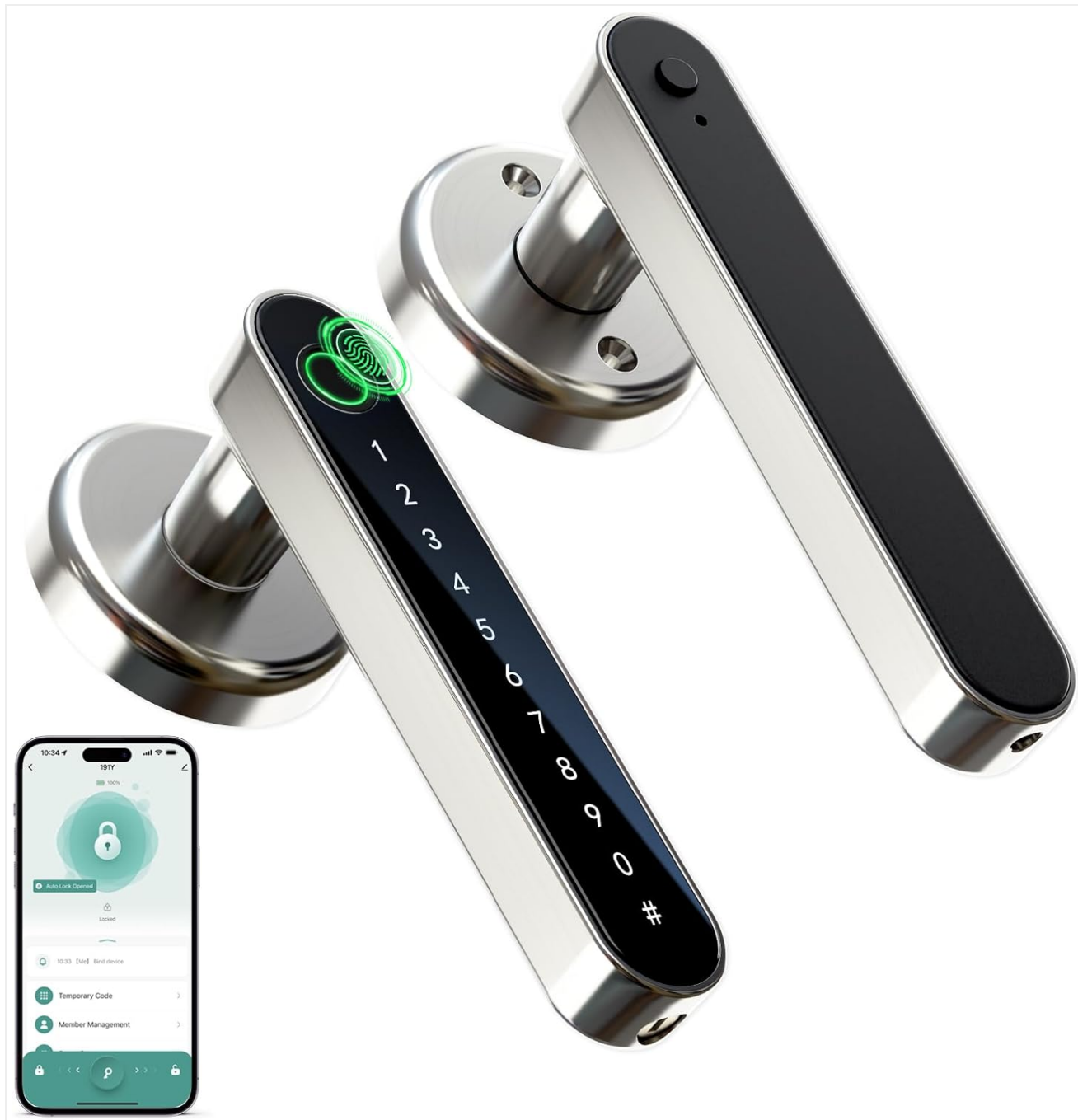
Figure 1: The IRONZON Smart Fingerprint Door Lock, showcasing its sleek design and integrated keypad.

2. PRODUCT FEATURES

This smart door lock is designed with user convenience and robust security in mind. Key features include:

- **Modern Design:** Sleek, all-metal construction that complements contemporary decor.
- **Multiple Unlocking Methods:** Access via fingerprint, password (keypad), physical key, and a smart application.
- **Quick Fingerprint Recognition:** Advanced biometric technology allows for unlocking in approximately 1 second.
- **Smart App Integration:** Manage access, check logs, and set alerts remotely (gateway sold separately for remote control).
- **Auto-Lock Function:** Automatically secures the door after a set period.
- **Emergency Power:** Type-C port for emergency power supply in case of battery depletion (not for charging).

Figure 2: Illustration of the various unlocking methods available for the smart door lock.
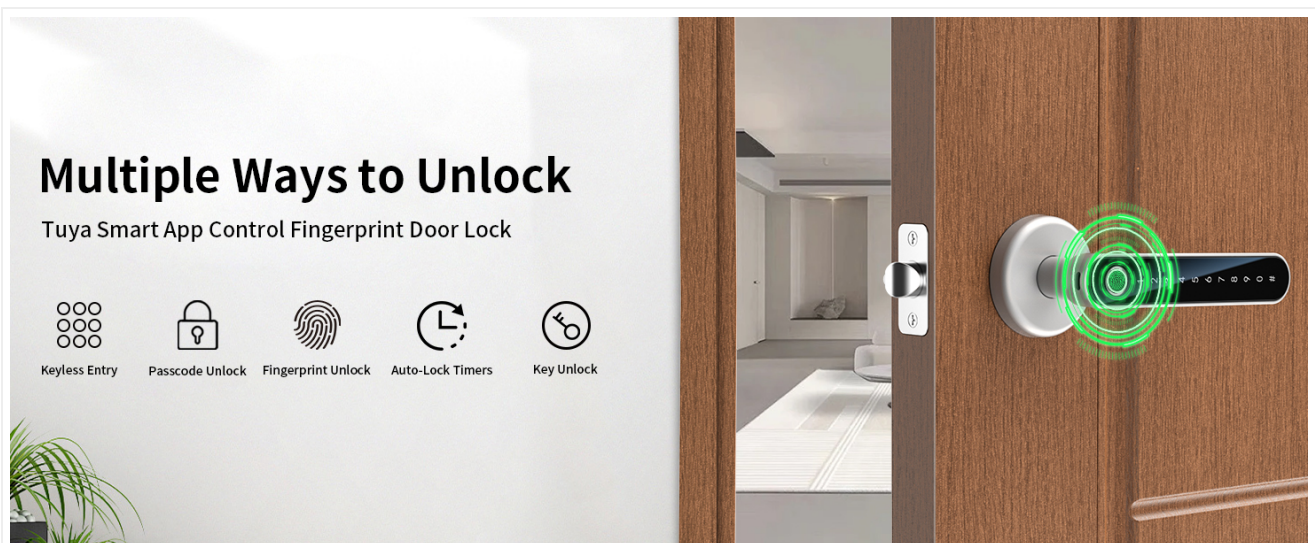

Figure 3: The mobile application interface for managing the lock, showing options for passcode, auto-lock timers, keyless entry, key unlock, and fingerprint unlock.
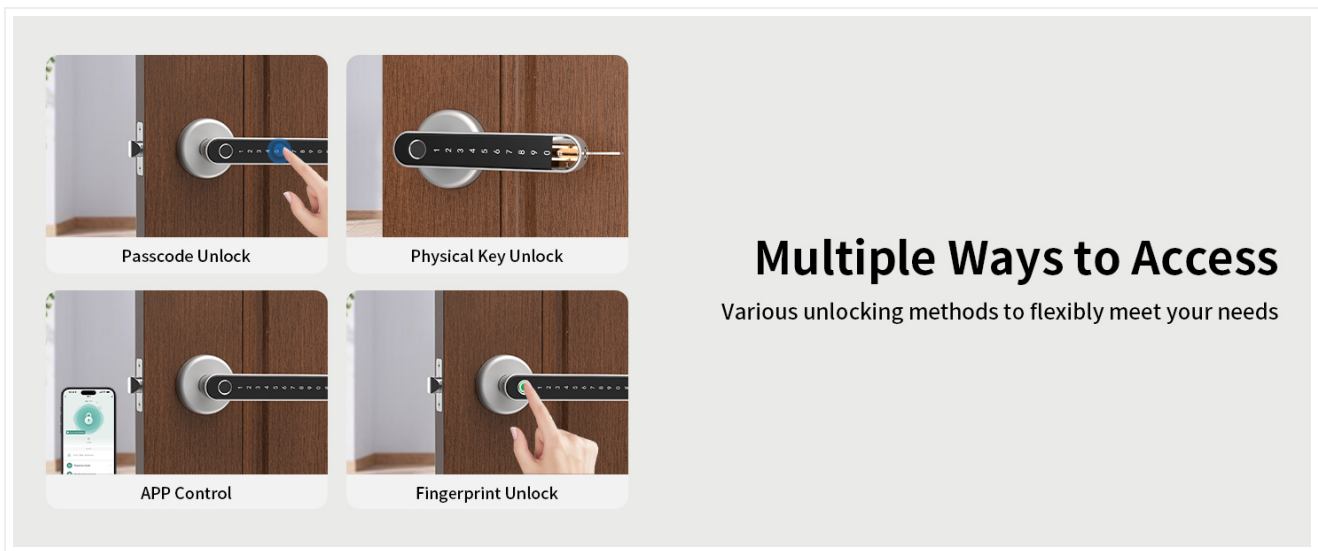
Multiple Ways to Access

Various unlocking methods to flexibly meet your needs

Figure 4: The app's interface for setting various password types, including timed, one-time, custom, and dynamic codes.

3. SETUP & INSTALLATION

The IRONZON Smart Fingerprint Door Lock is designed for easy installation on most standard doors. No special drilling is required for typical installations.

3.1 Door Compatibility

- **Door Thickness:** 1-3/8 inches to 1-3/4 inches (35mm - 45mm).
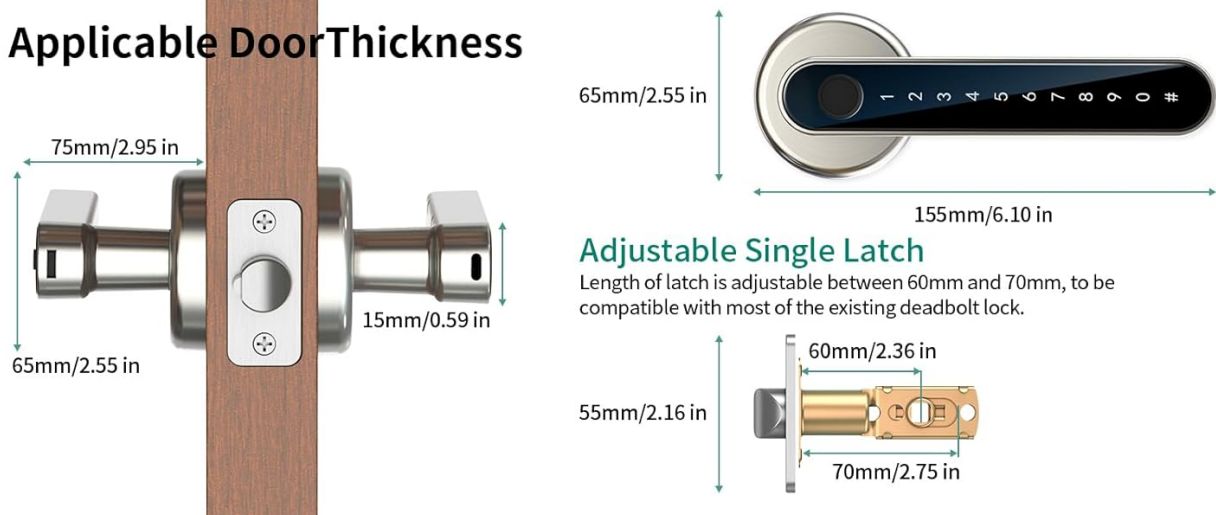- **Backset Distance:** Adjustable between 2-3/8 inches (60mm) and 2-3/4 inches (70mm).

Figure 5: Detailed measurements for door thickness and backset distance to ensure proper fit.

3.2 General Installation Steps

1. Ensure your door meets the compatibility requirements.
2. Install the latch into the door edge, ensuring it is oriented correctly for your door's swing.
3. Connect the wiring from the exterior handle to the interior handle.
4. Mount the exterior handle, aligning it with the latch.
5. Mount the interior handle and secure it with screws.
6. Insert 4 AAA batteries into the battery compartment.
7. Test the lock's functionality with a physical key and by setting an initial passcode.

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Video 1: An official IRONZON video demonstrating the installation process of the smart door lock.

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Video 2: An official IRONZON video showcasing the fingerprint door lock in operation and its features.

4. OPERATING INSTRUCTIONS

4.1 Initial Setup and Administrator Registration

Upon first power-up, the lock will prompt you to register an administrator fingerprint or passcode. Follow the voice prompts to complete this step. The first registered user will automatically be designated as the administrator.

4.2 Fingerprint Unlocking

1. Place your registered finger firmly on the fingerprint sensor.
2. The lock will verify your fingerprint and unlock if recognized.

4.3 Passcode Unlocking

1. Touch the keypad to activate it.
2. Enter your registered 6-10 digit passcode.
3. Press '#' to confirm. The lock will unlock if the passcode is correct.

4.4 App Control (Requires Gateway, Sold Separately)

For remote control and advanced features, download the dedicated smart app. Pair the lock with the app via a compatible gateway (sold separately). The app allows you to:

- Remotely unlock/lock the door.
- Generate temporary or one-time passcodes.
- View access logs.
- Manage user access and permissions.

4.5 Physical Key Unlocking

In case of battery failure or electronic malfunction, the lock can always be opened using the provided physical keys. Insert the key into the keyhole and turn to unlock.

4.6 Auto-Lock Function

The lock features an automatic locking mechanism. After unlocking, the door will automatically re-lock after a few seconds (default is 5 seconds). This feature can typically be configured or disabled via the smart app or through specific keypad commands (refer to the detailed app instructions for specifics).

4.7 Emergency Power Supply

If the batteries are completely drained, you can provide emergency power using a standard Type-C USB cable connected to a power bank. This will temporarily power the lock, allowing you to use a registered fingerprint or passcode to gain entry. This port is for emergency power only and does not charge the internal batteries.

Emergency Unlock

Note: The type-C port is for emergency power supply only not for charging the battery

Figure 6: Using the Type-C port for emergency power to operate the lock when batteries are depleted.

5. MAINTENANCE

5.1 Battery Replacement

The lock requires 4 AAA batteries. When the battery level is low, the lock will provide an audible and/or visual alert. To replace batteries:

1. Locate the battery compartment on the interior handle.
2. Remove the cover.
3. Replace all four old batteries with new AAA alkaline batteries, ensuring correct polarity.
4. Replace the cover.

Note: Always replace all batteries at once. Do not mix old and new batteries or different battery types.

5.2 Cleaning

Clean the lock's exterior with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components. Regularly wipe the fingerprint sensor to ensure optimal

performance.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace batteries or use emergency Type-C power.
Fingerprint not recognized.	Finger placement, dirty sensor, dry/wet finger.	Ensure proper finger placement, clean sensor, try another registered finger or passcode. Re-register fingerprint if issue persists.
Passcode not working.	Incorrect entry, lock in privacy mode.	Ensure correct passcode and '#' confirmation. Check if privacy mode is active (if applicable).
Auto-lock not engaging.	Feature disabled, sensor obstruction.	Check app settings or lock configuration for auto-lock. Ensure no physical obstruction prevents the latch from extending.

7. SPECIFICATIONS

Feature	Detail
Brand	IRONZON
Model Name	LOC191YSUSIR
Lock Type	Keypad, Fingerprint
Special Feature	Fingerprint Identification
Material	Metal
Color	NickelAPP (Note: Other colors may be available for different variants)
Item Dimensions (L x W x H)	6 x 2.3 x 2.3 inches
Item Weight	1.2 Pounds
Power Source	4 x AAA Batteries (not included)
Emergency Power	Type-C USB Port
Recommended Uses	Door Access Control, Home Security

8. WARRANTY & SUPPORT

8.1 Warranty Information

IRONZON products typically come with a manufacturer's warranty covering defects in materials and workmanship. Please refer to the product packaging or the official IRONZON website for specific warranty terms and duration. Keep your purchase receipt as proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact IRONZON customer support. Contact details can usually be found on the product packaging, the official IRONZON website, or through your retailer.

Online Resources: Visit the IRONZON Store on Amazon for additional product information and support.

Related Documents - LOC191YSUSIR

	IRONZON TY190 Fingerprint Lock Installation and Operation Guide Comprehensive guide for installing and operating the IRONZON TY190 fingerprint smart lock, including setup, user management via the Tuya app, and troubleshooting.
	IRONZON Fingerprint Knob (280X) User Manual and Installation Guide This document provides comprehensive instructions for installing and operating the IRONZON Fingerprint Knob (280X), covering the packing list, installation dimensions, step-by-step installation procedures, operation of the Tuya Smart App for managing the lock, adding fingerprints and members, connecting to a Bluetooth gateway for remote control, adjusting volume settings, and useful tips for usage.