

GEKrone A290-Silver

GEKrone Smart Fingerprint Lock User Manual

Model: A290-Silver

1. INTRODUCTION

The GEKrone Smart Fingerprint Lock offers advanced security and convenience for your home or office. This intelligent lock provides multiple unlocking methods, including fingerprint, password, IC card, mechanical key, and control via the TUYA application. Designed for ease of use and robust protection, it integrates seamlessly into modern living spaces. This manual will guide you through the installation process, explain the various operating modes, provide essential maintenance tips, and offer solutions to common issues.

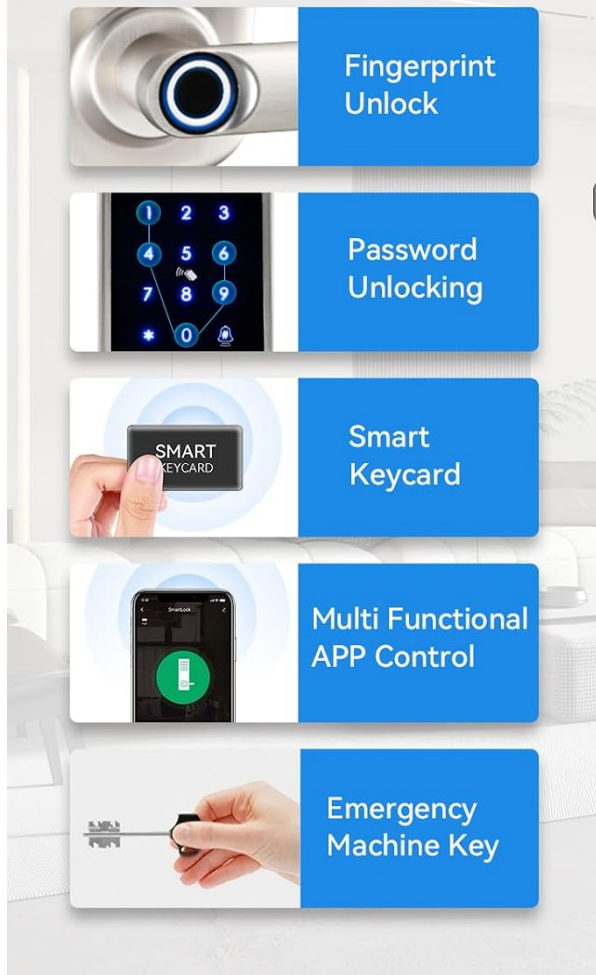


Figure 1: GEKRONE Smart Fingerprint Lock with Lever Handle (Silver)

2. PRODUCT FEATURES

- **Advanced 5-in-1 Unlocking Methods:** Unlock your door using fingerprints, passwords, IC cards, mechanical keys, or the TUYA mobile application (supports iOS and Android). This provides flexible access options for various situations.

Having five unlocking methods to add wisdom to your life



4* 6V AA Alkaline Batteries To Power

Not including batteries. The smart lock battery can be used normally for 10 to 12 months.

Attention: Please do not use carbon batteries, as they can cause unstable voltage in the smart lock and easily lead to malfunctions

Figure 2: Five convenient unlocking methods for the smart lock.

- **Intelligent Fingerprint Recognition:** The enlarged fingerprint sensor allows for quick recognition within 0.5 seconds. It supports up to 50 different fingerprints, enabling easy authorization for family and friends.

High Tech Semiconductor Intelligent Sensors

The fingerprint recognition button in the hand of the door handle can be lightly pressed to unlock. We have also prepared two IC cards, suitable for the elderly and children to use

- ✓ 360 ° biometric fingerprint recognition
- ✓ Larger contact area, fast recognition within 0.5 seconds
- ✓ Fingerprint Capacity: 300pcs

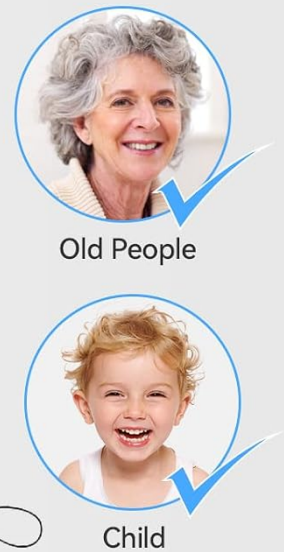


Figure 3: High-tech semiconductor intelligent sensors for fast and accurate fingerprint recognition.

- **Numerical Keypad Management:** Manage access logs, set regular or temporary passwords, authorize sub-account fingerprints, and check battery levels via the app. The lock also features a doorbell reminder and an indoor electronic deadbolt.

Low battery reminder

Anti pry and anti trial and error alarm

Temporary password setting

WIFI remote unlocking

Sub user fingerprint authorization

Automatic lock closing

View unlock records

Intelligent voice prompts

Indoor electronic deadlock

Multi functional smart lock brings convenience to your life



Doorbell

Figure 4: Multi-functional smart lock features for enhanced convenience and security.

- **Anti-Peeping Unlock:** Enter your password with peace of mind. You can freely enter random numbers before and after your actual password to prevent it from being leaked.

Anti peeping unlock

Enter your password with peace of mind

When entering the password, you can freely enter numbers before and after the password you set, and only after continuously entering the correct password can you open the door. Prevent your password from being leaked



Figure 5: Anti-peeping unlock feature for enhanced password security.

- **Emergency Power and Mechanical Key:** In case of battery depletion, a USB port is available for emergency power supply (not for charging). Two mechanical keys are also provided for traditional unlocking.



In emergency situations, USB power banks can be used to power the smart lock and unlock it



Attention: The port is only used for emergency power supply and cannot charge the battery



Provide two mechanical keys to unlock using traditional methods

USB Emergency Power Port And Mechanical Key Unlocking



Figure 6: USB Emergency Power Port and Mechanical Key Unlocking options.

- **Automatic Locking:** The lock can be set to automatically lock within 5-10 seconds after closing, providing added security and peace of mind.

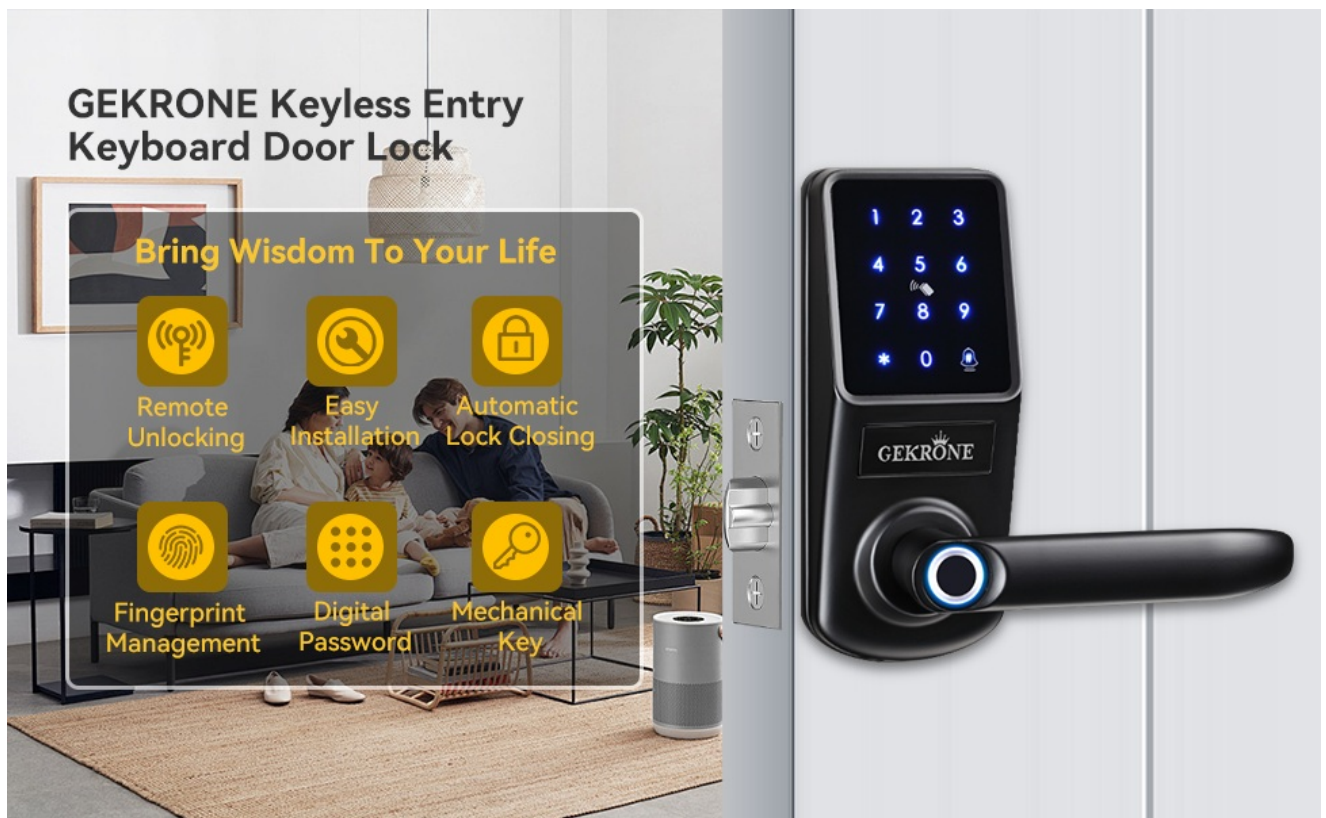


Figure 7: Overview of key features including auto-lock.

3. INSTALLATION GUIDE (SETUP)

The GEKRONE Smart Fingerprint Lock is designed for easy installation, typically taking about 30 minutes with basic tools. No wiring is required.

3.1. Pre-Installation Checks

- Ensure your door thickness is between 1-3/8 inches to 2-1/8 inches (35mm-54mm).
- Verify the adjustable lock buckle (latch) can be set to 2-3/8 inches (60mm) or 2-1/8 inches (70mm).
- The handle is reversible, supporting both left and right door opening methods.



Figure 8: Product dimensions and compatibility.

3.2. Installation Steps

For a detailed visual guide, please refer to the official installation video below:

Video 1: Installation of the GEKRONE Smart Lock. This video provides a step-by-step guide to installing the lock on a door.

Key steps include:

1. Install the lock core (latch) into the door.
2. Adjust the handle direction (left or right) as needed. Refer to the video below for guidance.

Video 2: Adjusting the left and right handles of the smart lock. This video demonstrates how to correctly orient the handle for your door's opening direction.

3. Insert the square shaft into the middle slot of the front panel.

4. Pass the power cord through the door and align the front lock panel.
5. Install the upper back plate and secure it with screws.
6. Connect the power connector and secure the battery cover.
7. Insert 4 AA alkaline batteries (not included).

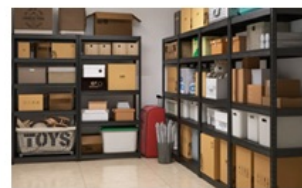


GEKRONE smart door lock can generate a one-time security password for visitors

For short-term tenants and property managers, you can also use the app to generate a password with a certain time limit, and you can also view the door lock access log, which is a good choice for you



Home



Storage room



Hotel



Bedroom



Office



Garage

Figure 9: Reversible handle and simplified installation process.

4. OPERATING INSTRUCTIONS

4.1. Unlocking Methods

- **Fingerprint:** Place your registered finger on the sensor. The lock will unlock within 0.5 seconds.
- **Password:** Enter your registered password on the touchscreen keypad. You can add random digits before or after your actual password for privacy.
- **IC Card:** Tap the registered IC card on the designated sensing area.
- **TUYA App:** Use the TUYA app on your smartphone to remotely unlock the door. The app allows for online and offline password generation, ideal for guests or service providers.

In addition to regular passwords, temporary passwords can also be set to deal with special situations



Figure 10: Setting temporary passwords via the TUYA app.

- **Mechanical Key:** Insert and turn the mechanical key in the keyhole for traditional unlocking.

4.2. App Control Features

The TUYA app provides extensive control over your smart lock:

- **Access Logs:** View a history of all lock and unlock events.
- **User Management:** Add or remove fingerprints, passwords, and IC cards for different users.
- **Temporary Passwords:** Generate time-limited or one-time passwords for visitors.
- **Remote Unlocking:** Unlock the door from anywhere via Wi-Fi (no gateway required).

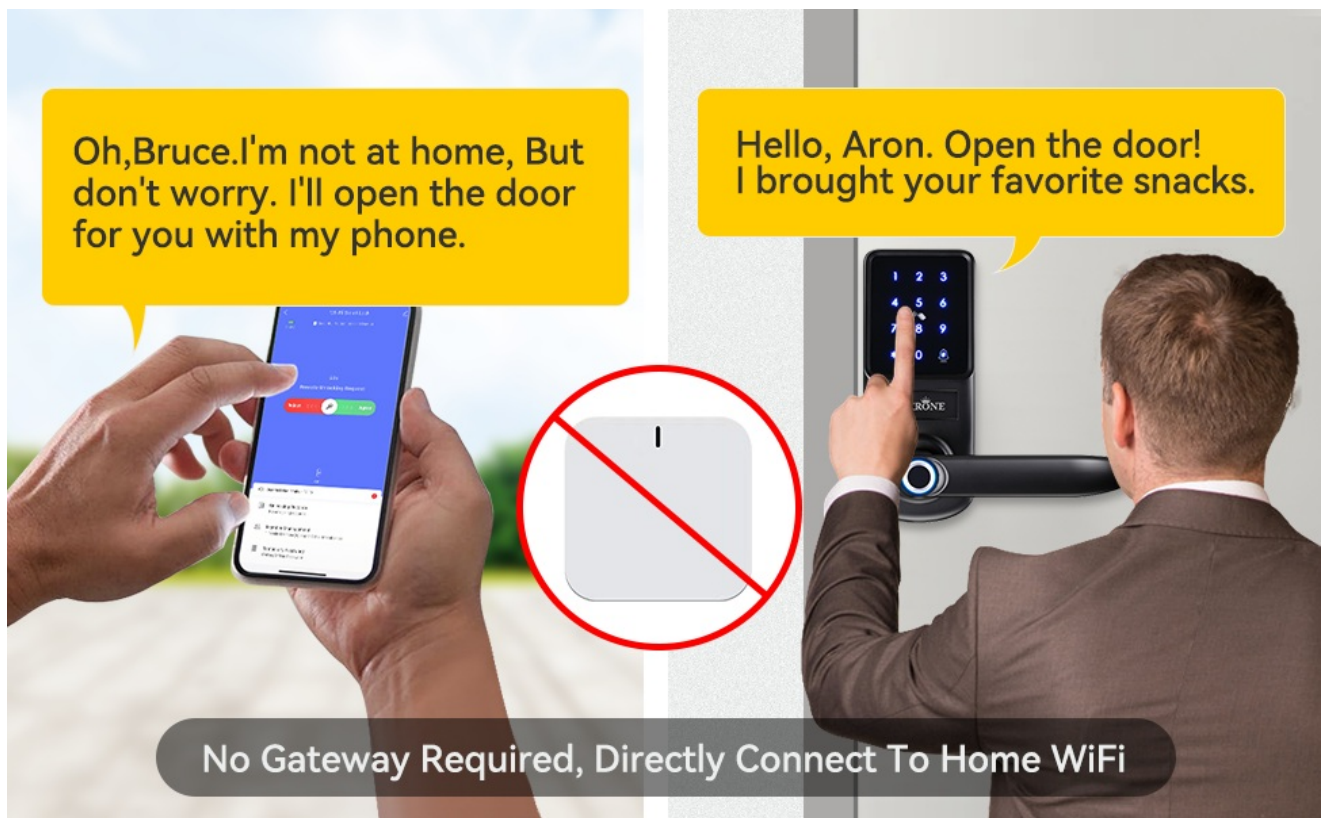


Figure 11: Direct Wi-Fi connection for remote unlocking.

- **Battery Level Check:** Monitor the current battery status.
- **Doorbell Function:** The lock is equipped with a doorbell feature.

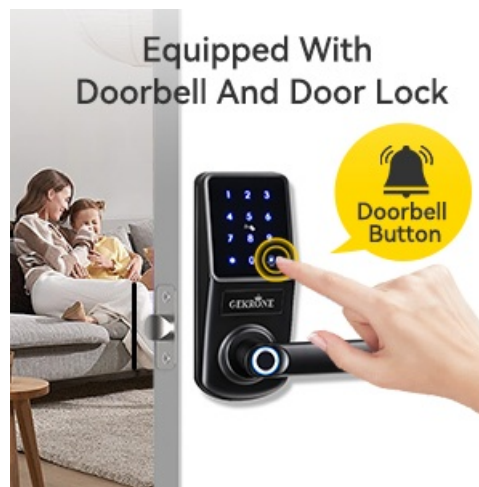


Figure 12: Doorbell button on the smart lock.

- **Privacy Button:** An indoor privacy button allows you to prevent external access when activated.



5. MAINTENANCE

5.1. Battery Requirements

The smart lock requires 4 AA dry batteries (not included). For optimal performance and to prevent malfunctions, **only use alkaline dry batteries (LR6/LR06)**. Do not use carbon batteries, as they can cause unstable internal voltage.



Figure 14: Recommended alkaline batteries for the smart lock.

Batteries typically last for 10-12 months. The lock is equipped with a low battery reminder.

5.2. Environmental Considerations

To ensure the longevity of your smart lock, avoid installing it in locations exposed to prolonged direct sunlight or high moisture. High temperatures or rainwater erosion can damage the internal components.



Figure 15: Environmental operating conditions for the smart lock.

6. TROUBLESHOOTING

- **Lock Malfunctions:** If the lock experiences unstable operation, check the batteries. Ensure you are using alkaline dry batteries, as carbon batteries can cause voltage issues.
- **Alarm Sounds:** The lock will sound a beep alarm if someone attempts to pry it open or if there are multiple failed unlock attempts. This is a security feature.



Figure 16: Anti-pry warning system.

- **Fingerprint Recognition Issues:** Ensure your finger is clean and dry. The sensor is designed for quick recognition, but extreme conditions or improper placement can affect performance.

7. SPECIFICATIONS

Attribute	Value
Brand	GEKRONE
Model Name	A290
Item Model Number	A290-Silver
Lock Type	Keypad
Special Feature	Lockable
Material	Aluminum
Color	Silver
Item Dimensions L x W x H	14.17 x 7.87 x 4.72 inches
Item Weight	3.9 pounds
Connectivity Protocol	Wi-Fi
Control Method	App
Batteries Required?	Yes (4 AA Alkaline)
Door Thickness Range	1-3/8 inches to 2-1/8 inches (35mm-54mm)

Adjustable Lock Buckle	2-3/8 inches (60mm) to 2-1/8 inches (70mm)
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Figure 17: Product Specifications.

8. WARRANTY AND SUPPORT

GEKRONE is committed to providing reliable products and excellent customer service. We value your user experience and are dedicated to timely and serious handling of every inquiry.

For any questions, technical support, or warranty claims, please contact GEKRONE customer service through the platform where you purchased the product. Please have your model number (A290-Silver) and purchase details ready for faster assistance.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question