

GEKRON T190-Sliver

GEKRON Fingerprint Smart Lever Lock T190 User Manual

Model: T190-Sliver | Brand: GEKRON

1. PRODUCT OVERVIEW

The GEKRON T190 Fingerprint Smart Lever Lock offers multiple unlocking methods including fingerprint, digital password, IC card, mechanical key, and TUYA APP control. Designed for convenience and security, it is suitable for various indoor environments such as homes, hotels, offices, and apartments.



Image: Front view of the GEKRONE T190 Smart Lever Lock, showcasing its sleek design and the accompanying mobile application interface for control.

Key Features:

- **Multiple Unlocking Methods:** Fingerprint, digital password, IC card, mechanical key, and TUYA APP.
- **Quick Fingerprint Identification:** Advanced semiconductor biometric recognition technology allows for unlocking within 0.3 seconds.
- **High Security:** Anti-peeping password function and durable zinc alloy material.
- **APP Control:** View unlock records, set volume, generate temporary passwords, and remote unlocking (with optional gateway).
- **Emergency Power:** USB port for emergency power supply (not for charging).
- **Reversible Handle:** Suitable for both left and right-hand doors.

2. SETUP AND INSTALLATION

This smart lock is designed for easy installation, typically taking about 15 minutes without the need for complex wiring. Ensure your door meets the specified dimensions for proper fit.

2.1 Door Compatibility

- **Adjustable Lock Buckle:** 2-3/8 inches (60mm) to 2-1/8 inches (70mm).
- **Door Thickness Range:** 1-3/8 inches to 2-1/8 inches (35mm-54mm).



Image: Detailed diagram illustrating the compatible door dimensions and lock buckle measurements for installation.

2.2 Battery Installation

The smart lock requires 4 AAA batteries (not included). For optimal performance and to prevent malfunctions, use only **alkaline dry batteries (LR3/LR03)**. Do not use carbon batteries.



Image: Illustration of the smart lock's battery compartment and the different unlocking methods available: Smart Keycard, Fingerprint, Mechanical Key, Digital Password, and Multi-Functional APP Control.

2.3 Handle Reversibility

The door handle is reversible, making it suitable for both left and right-hand doors without the need for additional screw adjustments.

Convenient Reversible Door Handle

No need to set screw like other door locks on the market

Suitable for both left and right hand door



Left Hand Door



Right Hand Door



Left Hand Door



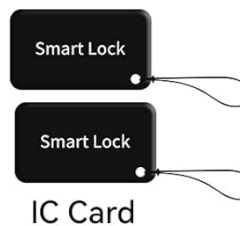
Latch Bolt



Strike Plate



Strike Box



Smart Lock

Smart Lock

IC Card



Screwdriver And screws kit

Image: Visual guide demonstrating the reversible nature of the door handle for left and right-hand doors, along with a display of all included installation components such as the latch bolt, strike plate, IC cards, screwdriver, and screws.

3. OPERATING INSTRUCTIONS

The GEKRONE T190 offers multiple convenient ways to unlock your door.

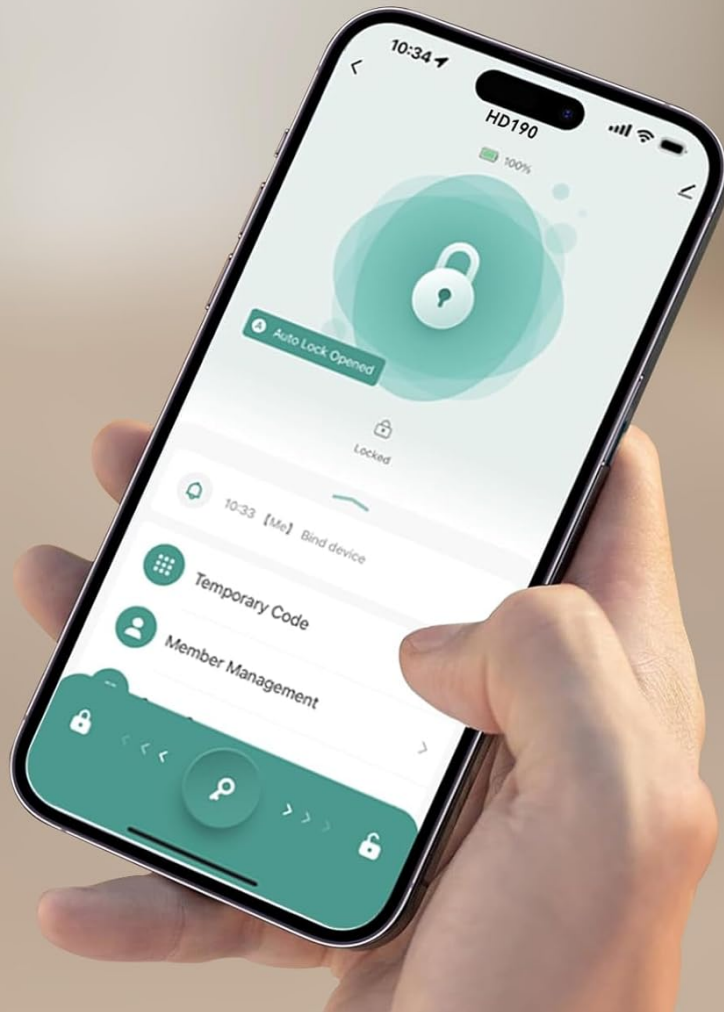
3.1 Unlocking Methods

- **Fingerprint Unlock:** Place your registered fingerprint on the sensor. The lock will recognize it within 0.3 seconds. The lock can store up to 100 different fingerprints.
- **Digital Password Unlock:** Enter your 6-digit password on the touchscreen keypad. The anti-peeping function allows you to enter random numbers before and after your actual password to prevent it from being observed.
- **IC Card Unlock:** Tap the provided IC card on the designated area of the lock.
- **Mechanical Key Unlock:** Use the provided mechanical keys for traditional unlocking, especially useful in

emergencies or if batteries are depleted.

- **TUYA APP Control:** Connect the lock to the TUYA APP via Bluetooth. This allows for remote unlocking (with optional gateway), viewing unlock records, setting temporary passwords, and adjusting lock volume.

Control Through APP



Sub user fingerprint authorization



View unlock records



Volume adjusting



Low battery reminder



Digital password setting



One click unlock



IC card management



Automatic lock closing

Image: A mobile phone displaying the TUYA APP interface, highlighting features such as sub-user fingerprint authorization, unlock records, volume adjustment, low battery reminder, digital password setting, one-click unlock, IC card management, and automatic lock closing.

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

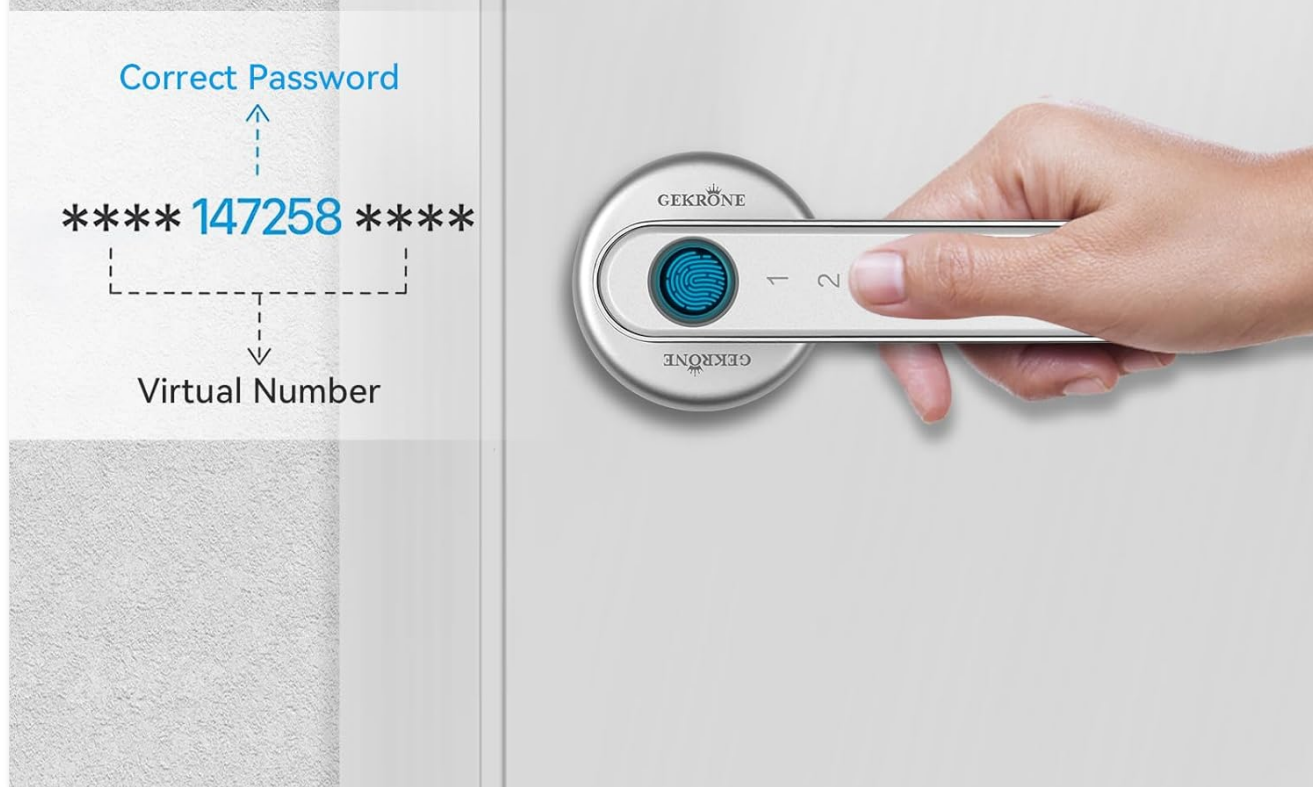


Image: A visual representation of the anti-peeping password feature, showing how random numbers can be entered before and after the correct password to enhance security.

3.2 Emergency Unlock

In case of battery depletion, the lock is equipped with a USB Type-C port for emergency power supply using a power bank. This port is for emergency power only and does not charge the internal batteries.



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



Attention: The 5V Type-C port is only used for emergency power supply and cannot charge the battery



Provide two machine keys for traditional unlocking

Emergency Unlock

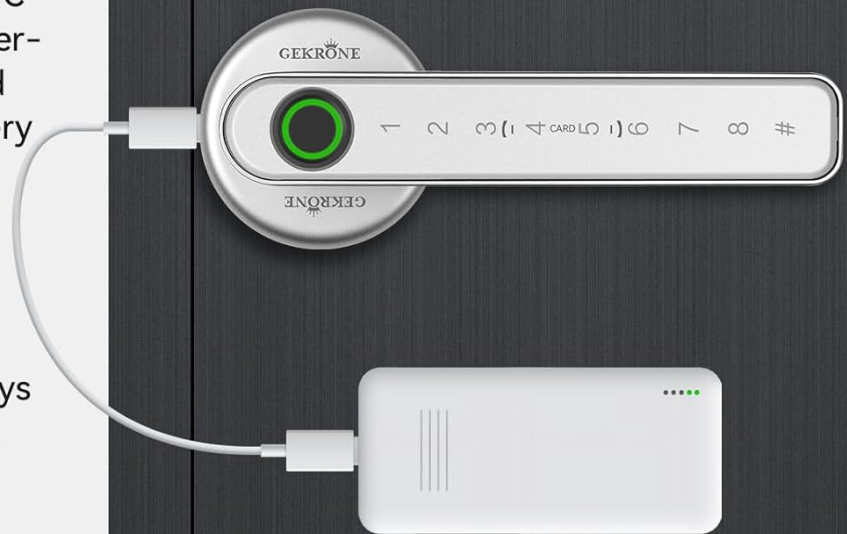


Image: A depiction of the smart lock being powered by a USB power bank via its Type-C port for emergency access, alongside the traditional mechanical keys provided for backup unlocking.

3.3 Normally Open Mode and Auto-Lock

- The lock features a normally open function, allowing the door to remain unlocked for convenience when needed.
- It also supports automatic locking, which engages the lock 5-10 seconds after the door is closed, preventing accidental oversight.



Image: A visual demonstrating the auto-lock feature, which automatically secures the door after a short delay, and the adjustable volume settings for the lock's audible feedback (Mute, Low, Medium, High).

3.4 Video Demonstration

Your browser does not support the video tag.

Video: A demonstration of the T190 Smart Door Lock's various functions, including fingerprint, password, and key unlocking methods, as well as the normally open mode.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your smart lock.

- **Battery Replacement:** The battery life can last 10 to 12 months depending on usage frequency. Replace batteries when the low battery reminder activates. Always use **alkaline dry batteries (LR3/LR03)**.
- **Environmental Care:** Avoid installing the lock in locations exposed to prolonged direct sunlight or excessive moisture, as high temperatures or rainwater can damage internal components.
- **Cleaning:** Use a soft, dry cloth to clean the lock's exterior. Avoid abrasive cleaners or solvents.

5. TROUBLESHOOTING

If you encounter issues with your GEKrone T190 Smart Lever Lock, refer to the following common solutions:

Problem	Possible Cause / Solution
Lock not responding or malfunctioning.	<p>Incorrect Battery Type: Ensure you are using alkaline dry batteries (LR3/LR03). Carbon batteries can cause unstable voltage and malfunctions.</p> <p>Low Batteries: Replace all 4 AAA batteries.</p> <p>Emergency Power: If batteries are completely dead, use a USB power bank via the Type-C port for temporary power to unlock.</p>
Fingerprint scanner not recognizing prints consistently.	<p>Improper Placement: Ensure your finger covers the sensor completely and consistently.</p> <p>Moisture/Debris: Ensure your finger and the sensor are clean and dry.</p> <p>Re-register Fingerprints: Try registering your fingerprints again, scanning from various angles and with different pressure to improve recognition.</p>
Digital password not working.	<p>Incorrect Entry Format: When entering a password, ensure you use the format: # + [password] + #</p> <p>Incorrect Password: Verify the password set in the TUYA APP.</p>
Remote unlocking via APP not working.	<p>Gateway Required: Remote unlocking requires the smart lock to be connected to a compatible gateway (sold separately).</p> <p>Bluetooth Connection: Ensure your phone's Bluetooth is on and you are within range for direct Bluetooth control.</p>

6. SPECIFICATIONS

Feature	Detail
Brand	GEKRONE
Model Name	T190
Item Model Number	T190-Silver
Lock Type	Biometric, Combination Lock, Keypad
Special Features	Touchscreen, Fingerprint, Anti-Peeping Password, Passcode Unlock, One-Touch Lock
Material	Aluminum
Color	Silver
Item Dimensions (L x W x H)	10 x 7 x 3 inches
Item Weight	2 pounds

Feature	Detail
Power Source	4 x AAA Alkaline Batteries (not included)
Battery Life	Approx. 10-12 months (depending on usage)
Emergency Power	USB Type-C port (for power bank, not charging)
Connectivity Protocol	Bluetooth
Controller Type	SmartThings, iOS, Android (via TUYA APP)
Fingerprint Capacity	Up to 100 fingerprints
Door Thickness Compatibility	1-3/8 inches to 2-1/8 inches (35mm-54mm)
Adjustable Latch	2-3/8 inches (60mm) to 2-1/8 inches (70mm)

7. WARRANTY AND SUPPORT

Specific warranty details are not provided in this manual. For warranty information, technical support, or any inquiries regarding your GEKRONE T190 Smart Lever Lock, please contact GEKRONE customer service directly.

You may find contact information on the product packaging, the official GEKRONE website, or through your point of purchase.

Please retain your purchase receipt for warranty claims.