

## Gelgey F6

# Gelgey F6 Smart Door Lock User Manual

Model: F6

## 1. PRODUCT OVERVIEW

The Gelgey F6 Smart Door Lock offers advanced security and convenience with its versatile 4-in-1 unlocking methods. Designed for front doors, this lock integrates fingerprint recognition, password input, IC card access, and traditional mechanical key functionality. It is suitable for various applications, including residential homes and rental properties.

### Key Features:

- **4-in-1 Unlocking:** Fingerprint, IC Card, Password, and Mechanical Key.
- **Advanced Fingerprint Recognition:** 360-degree touch recognition, 0.3-second unlock, 99.99% recognition rate.
- **High Capacity:** Supports up to 40 fingerprints, 100 passwords, and 100 IC cards.
- **Security Features:** Auto-lock, electronic anti-locking, channel mode, wrong input alarm, low battery alarm, anti-snooping, and anti-hacking touchscreen.
- **Durable Design:** Aluminum alloy housing, stainless steel core, IP54 waterproof rating.
- **Emergency Power:** Type-C port for backup power.



Figure 1: Gelgey F6 Smart Door Lock with handle and digital keypad.

# Multiple Unlock Ways



Figure 2: Overview of the four unlocking methods available with the Gelgey F6 Smart Door Lock.

## 2. INSTALLATION GUIDE

The Gelgey F6 Smart Door Lock is designed for easy installation on US standard doors. It can be installed in minutes using a small screwdriver. The reversible door handle accommodates both left-handed and right-handed doors.

### 2.1 Package Contents

Before beginning installation, ensure all components are present:

- 1 x Latch
- 1 x Exterior Lock Assembly
- 1 x Interior Lock Assembly

- 1 x Latch Cover
- 1 x Strike Plate
- 2 x IC Cards
- 2 x Mechanical Keys
- 1 x Spindle
- 1 x Steel Pin
- 3 x Struts (optional for reinforcement)
- 8 x Screws
- 1 x User Manual (this document)
- 1 x Hole Opening Size Diagram

## 2.2 Door Preparation

Verify your door dimensions match the lock's requirements:

- **Door Thickness:** 1.49-1.88 inches (38 to 50 mm)
- **Cross-bore Diameter:** 2-1/8 inches (54 mm)
- **Backset:** 2-3/8 inches or 2-3/4 inches (60 or 70 mm)



Figure 3: Door compatibility dimensions for the Gelgey F6 Smart Door Lock.

### 2.3 Handle Reversibility

The door handle can be adjusted for left-handed or right-handed door configurations:

1. Lift the handle to pivot the steering block.
2. Twist the handle to change its direction.
3. Lift the handle once more to pivot the steering block back into place, securing the new direction.

### 2.4 Installation Steps

Follow the detailed instructions provided in the included Hole Opening Size Diagram and the physical user manual for step-by-step assembly. General steps include:

1. Install the latch into the door edge.

2. Mount the exterior lock assembly, ensuring wires are carefully routed.
3. Connect the interior lock assembly, securing it with screws.
4. Install batteries (4 AA batteries, not included) into the interior unit.
5. Test the lock's functionality.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Unlocking Methods

The Gelgey F6 Smart Door Lock offers four ways to unlock your door:

- **Fingerprint:** Place a registered finger on the sensor. The lock will unlock within 0.3 seconds if recognized.
- **Password:** Enter your registered digital code on the keypad, followed by the '#' key.
- **IC Card:** Present a registered IC card to the card reader area on the lock.
- **Mechanical Key:** Insert and turn the physical key in the emergency keyhole located at the bottom of the exterior unit.



# Professional Fingerprint Scan Tech



## Quick Response

0.3s Unlock



## High Stability

Recognition Rate 99.99%



## All-Round

360° Recognition



## More Storages

Up to 40



Figure 4: The fingerprint sensor provides quick and secure access.

### 3.2 User Management (Adding/Deleting Users)

Refer to the detailed instructions in the physical user manual for programming fingerprints, passwords, and IC cards. When adding fingerprints, ensure different parts of the finger are scanned for optimal recognition.

# Multi-Access Smart Lock

**40+**  
Fingerprints

**100+**  
Passwords

**100+**  
IC Cards



Figure 5: The lock supports multiple users with various access methods.

## 3.3 Auto-Lock Function

The lock features an auto-lock function for enhanced security. After the door closes, the lock will automatically engage after a set period (default is 5 seconds, adjustable between 2-9 seconds). This ensures the door is always secured.



# Auto Lock for Security



Figure 6: The auto-lock feature provides automatic security after entry or exit.

## 3.4 Channel Mode

Channel mode allows the door to remain unlocked for continuous access, useful for periods when the door needs to be frequently opened and closed. Consult the user manual for instructions on how to activate and deactivate this mode.

## 4. MAINTENANCE

### 4.1 Battery Replacement

The Gelgey F6 Smart Door Lock operates on 4 AA batteries (not included), which typically last up to one year. The lock will provide a low battery alarm when power is running low. Replace all four batteries promptly when this alarm sounds to ensure continuous operation.

# Low Battery Alert & Type-C Backup



NOTE: 4 AA Batteries Not Included



Power Bank As Emergency Backup  
(Not Included)

Figure 7: Indicators for low battery and the Type-C emergency power option.

## 4.2 Emergency Power

In case of complete battery depletion, the lock features a Type-C port for emergency backup power. Connect a power bank (not included) to this port to temporarily power the lock and gain access.

## 4.3 Cleaning and Care

Clean the lock's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components. Ensure the fingerprint sensor and keypad are kept clean for optimal performance.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Gelgey F6 Smart Door Lock.

### 5.1 Lock Not Responding

- **Check Batteries:** Ensure the 4 AA batteries are correctly installed and not depleted. Replace if necessary.
- **Emergency Power:** If batteries are completely dead, use a Type-C power bank to provide temporary power.

### 5.2 Fingerprint Not Recognized

- **Clean Sensor:** Ensure the fingerprint sensor is clean and free of dirt or moisture.
- **Proper Placement:** Place your finger firmly and completely on the sensor, matching the angle used during registration.
- **Re-register Fingerprint:** If issues persist, try deleting and re-registering your fingerprint, ensuring multiple angles are captured during the process.

### 5.3 Keypad Not Responding or Incorrect Input Alarm

- **Correct Code:** Double-check that the correct password is being entered.
- **Anti-Snooping Feature:** If multiple incorrect attempts are made, the lock may temporarily disable the keypad. Wait for the lockout period to expire.
- **Keypad Malfunction:** If specific keys are unresponsive, contact customer support.

### 5.4 Lock Alarm Sounds Unexpectedly

- **Wrong Input Alarm:** This activates after multiple incorrect attempts to unlock the door. Ensure correct credentials are used.
- **Low Battery Alarm:** Replace batteries immediately if you hear a recurring alarm indicating low power.
- **Tamper Alarm:** The lock may sound an alarm if it detects tampering or forced entry. Inspect the lock for any signs of damage.

### 5.5 Door Handle is Loose

- **Check Screws:** Ensure all mounting screws are tightened. Do not overtighten.
- **Spindle Alignment:** Verify the spindle is correctly aligned and engaged with both the interior and exterior handles.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Gelgey
Model Name	F6
Lock Type	Biometric, Keyless Entry, Keypad
Unlocking Methods	Fingerprint, IC Card, Password, Mechanical Key
Material	Aluminum Plastic
Color	Satin Nickel



Feature	Detail
Special Features	Auto-Lock, Fingerprint, Touchscreen, Weather Resistant
Item Dimensions (LxWxH)	15.5 x 7 x 15.7 Centimeters
Item Weight	1.17 kg (2.57 Pounds)
Power Source	4 AA Batteries (not included)
Emergency Power	Type-C USB Port
Waterproof Rating	IP54
Operating Temperature	-22°F to 158°F (-30°C to 70°C)


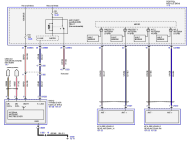


## 7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact the retailer/manufacturer directly. Gelgey is committed to providing quality products and customer satisfaction. If you encounter any issues not covered in this manual or require further assistance, please contact Gelgey customer support through the contact information provided at the point of purchase or on the official Gelgey website.

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### Related Documents - F6

	<p><a href="#">F6 Fingerprint Access Controller User Manual</a></p> <p>Comprehensive user manual for the F6 Fingerprint Access Controller, detailing its features, installation, wiring, manager operations, user operations, advanced applications, technical specifications, and packing list.</p>
	<p><a href="#">F6 Fingerprint Access Controller User Manual</a></p> <p>Comprehensive user manual for the F6 Fingerprint Access Controller, detailing its features, installation, wiring, manager operations, user operations, advanced applications, technical specifications, and packing list.</p>

	<p><a href="#">S4A F6 Fingerprint Access Controller User Manual - Secure Access Solutions</a></p> <p>Comprehensive user manual for the S4A F6 Fingerprint Access Controller (F6-EM). Learn about installation, programming, user management, wiring, technical specifications, and advanced interlock features for enhanced security in commercial and residential environments.</p>
	<p><a href="#">Vehicle Keyless Entry and Alarm System Wiring Diagram</a></p> <p>Detailed wiring diagram illustrating the connections for the Body Control Module (BCM), Radio Transceiver Module (RTM), internal RKE receiver, and rear antennas in a vehicle's keyless entry and anti-theft system. It outlines connections originating from the BCM.</p>
	<p><a href="#">F1 Smart Door Lock User Manual</a></p> <p>User manual for the F1 Smart Door Lock, detailing product features, installation, operations, and TUYA smart connectivity.</p>
	<p><a href="#">PaintShop Pro Keyboard Shortcuts Cheat Sheet</a></p> <p>A comprehensive cheat sheet of keyboard shortcuts for Corel PaintShop Pro 2023, covering single keys, Ctrl, Shift, Ctrl+Shift, Ctrl+Alt, and Shift+Alt combinations to enhance productivity.</p>