

## GEONFINO G4 Pro+G2

# GEONFINO Smart Door Lock with Handle

## MODEL: G4 PRO+G2

Instruction Manual

### 1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your GEONFINO Smart Door Lock with Handle, Model G4 Pro+G2. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The GEONFINO Smart Door Lock offers multiple unlocking methods including fingerprint, app control, passcodes, IC cards, mechanical keys, and Alexa voice commands (with included gateway). It is designed for enhanced home security and convenience.

### 2. Product Overview

The GEONFINO Smart Door Lock is a comprehensive security solution featuring a robust design and advanced access options.

# Smart Voice Control

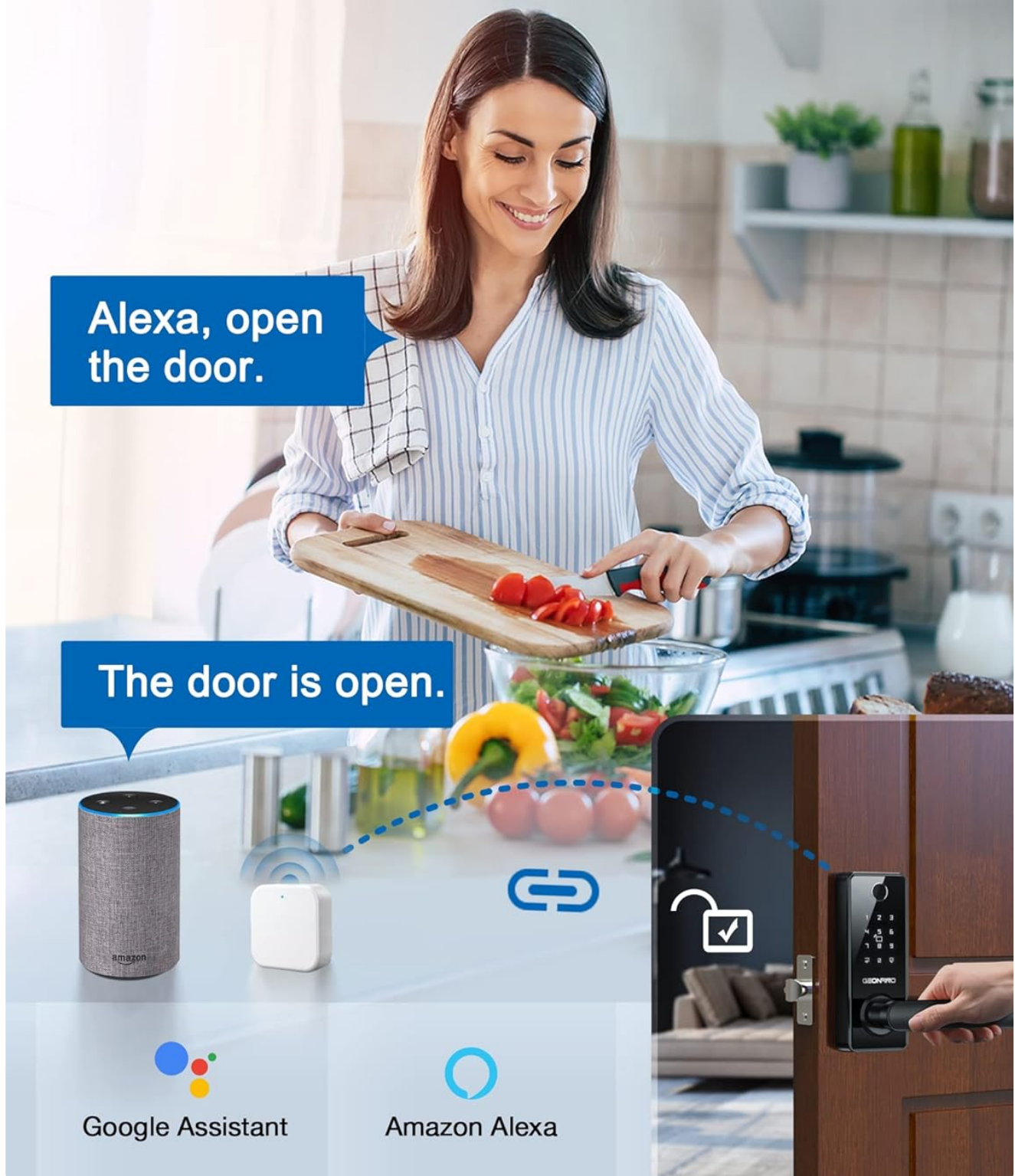


Figure 1: Front view of the GEONFINO Smart Door Lock with Handle.

## 2.1. Included Components

- Latch (x1)
- Keypad (x1)
- Interior Assembly (x1)
- Mounting Plate (x1)

- Square Pole (x1)
- Mounting Plate Screws (x4)
- RFID Cards (x2)
- Keys (x2)
- Strike/Strike Box (x1)
- Studs (x2)
- Latch/Strike Screws (x4)

## 2.2. Key Features

- **6-in-1 Unlocking:** Fingerprint, TTLock App, Passcodes, IC Card, Mechanical Key, and Alexa Voice Control (Gateway Included).
- **Enhanced Security:** Features a secure structure, high-security lock cylinder, and virtual password design to prevent peeping.
- **TTLock App Control:** Manage access, generate temporary passcodes, view unlock records, and remotely control the lock.
- **Long Battery Life:** Up to 1 year of battery life with a USB-A emergency charging port.
- **Easy Installation:** Designed for quick installation without external drilling, typically within 15 minutes.
- **Weatherproof:** IP65 rated, operating effectively in temperatures from -18.4°F to 120°F.

## 3. Installation Guide

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Follow these steps carefully for proper installation. A detailed video guide is also available for visual assistance.

Video 1: 3D Installation Guide for GEONFINO Smart Door Lock with Handle.

### 3.1. Pre-Installation Checks

- Ensure the hole in the door edge is 1 inch (25mm) deep.
- Confirm door thickness is between 1-3/5 inches to 2 inches (40mm to 50mm).
- Verify the backset is either 2-3/8 inches (60mm) or 2-3/4 inches (70mm).
- The hole diameter for the lock body should be  $\geq 2\text{-}1/8$  inches (54mm).

# 15 Min Installation Without External Drilling



**Note:** a new password must be set after the installation, otherwise it cannot be unlocked.

Figure 2: Required door dimensions for installation.

## 3.2. Install the Latch

Insert the latch into the door edge. If the backset is 2-3/8 inches (60mm), no adjustment is required. If it is 2-3/4 inches (70mm), slide the slot to the right to extend the latch. Secure the latch with screws.

## 3.3. Install the Lock on the Door Frame

Ensure the hole in the door frame is drilled a minimum of 1 inch (25mm) deep. Install the strike box and strike plate on the door frame, securing them with screws.

### 3.4. Confirm Door Handing Direction

Determine if your door is left-handed or right-handed from the outside. This is crucial for correct handle orientation.

Video 2: Guide for confirming smart door lock handle direction.

### 3.5. Keypad Settings (Handle Orientation)

For a left-hand door, rotate the front handle 90° to the left. For a right-hand door, rotate the front handle 90° to the right. Insert the square pole and ensure it is pressed to the bottom.

### 3.6. Install the Keypad

Install the keypad directly onto the door, ensuring the circular hole is centered with the square rod. Secure the mounting plate with screws.

### 3.7. Set up the Interior Assembly

Unscrew the rear handle screw and remove the rear handle. For a right-hand door, rotate the rear handle 90° to the left. For a left-hand door, rotate the rear handle 90° to the right. Install the rear handle as shown. Stuff the data cable into the door. Insert 4 AA batteries (not included) into the interior assembly.

### 3.8. Test the Lock

After installation, test the lock's functionality by pressing the fingerprint sensor or using a mechanical key to ensure it operates normally.

### 3.9. Restore the Lock (Factory Reset)

To restore the lock to factory settings, press and hold the reset button (located on the interior assembly) for 6 seconds until you hear a beep sound. This will clear all existing settings.

## 4. Operating Instructions

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Your GEONFINO Smart Door Lock offers multiple convenient ways to access your property.

# Remote Control from Anywhere

No need to rush when visitors coming

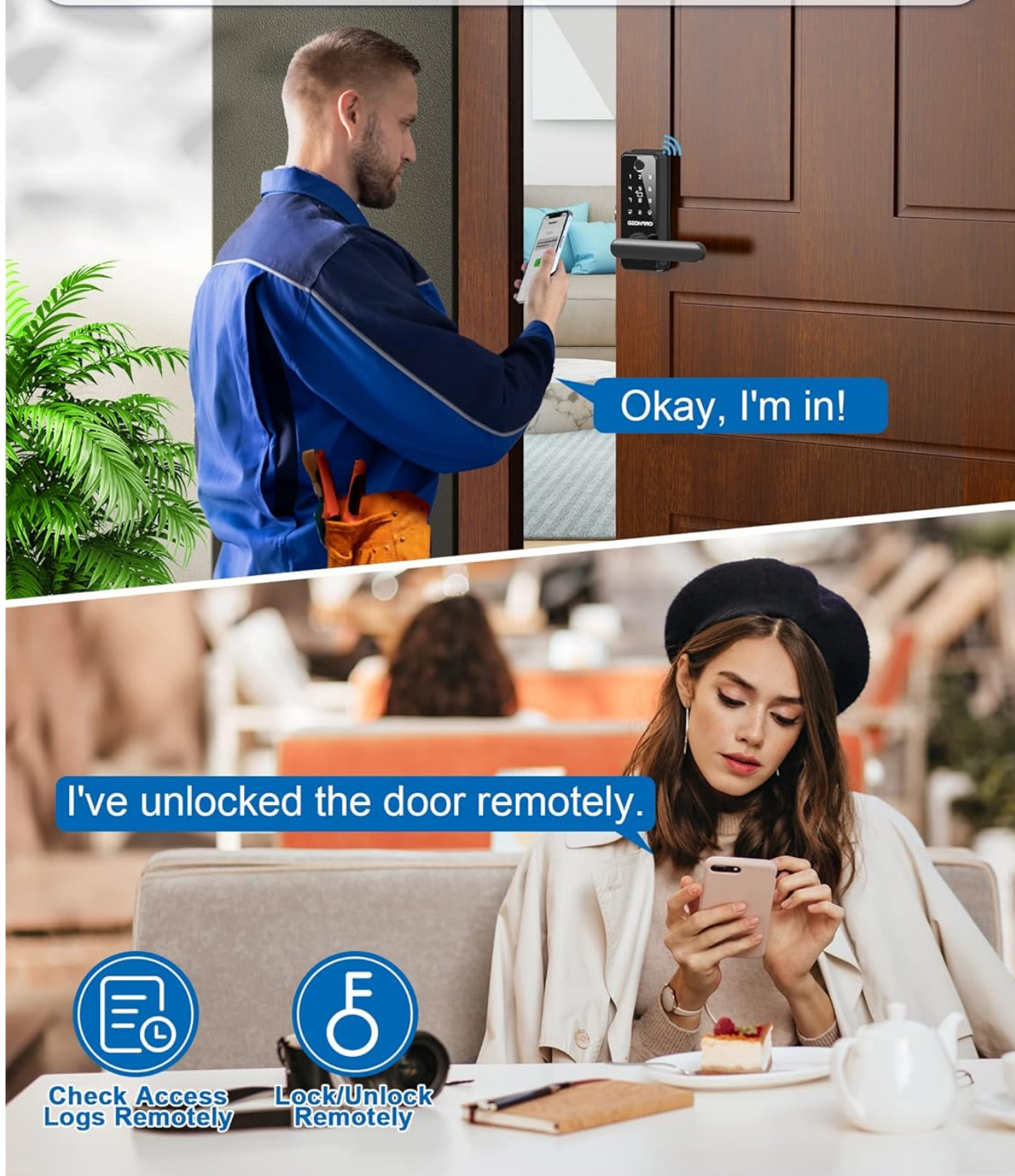


Figure 3: Overview of 6-in-1 unlocking options.

## 4.1. TLock App Control

The TLock app provides comprehensive control over your smart lock. Download the app from your device's app store.

Video 3: Electronic Digital Smart Fingerprint Door Lock operation via TLock App.

- **Add Lock:** Open the TLock app, click '+' to add your lock. The phone needs to be within 2 meters of the lock

during pairing.

- **Unlock/Lock:** Tap the unlock icon to unlock, long press to lock.
- **Generate Passcode:** Create permanent, timed, one-time, erase, or custom passcodes for various access needs.
- **Send eKey:** Grant access to others by sending an eKey via the app.
- **Authorized Admin:** Authorize other users as administrators with specific permissions.
- **Add Fingerprint:** Register up to 100 fingerprints for quick and secure access.
- **Access Logs:** View a history of all lock and unlock events.
- **Remote Unlock:** Enable remote unlocking via the app when connected to the G2 Gateway.
- **Auto-Lock:** Configure the lock to automatically lock after a set period (5-60 seconds).

## 4.2. Fingerprint Unlocking

Place your registered finger on the sensor for quick unlocking. The lock supports up to 100 fingerprints.

# You Finger is the Key

Hold and open in **1S**, more reliable and stable.



Up to 100 Fingerprints



Figure 4: Fingerprint sensor for one-touch unlocking.

## 4.3. Passcode Unlocking

Enter your registered passcode on the keypad. The virtual password design allows you to enter random digits before or after your actual code to prevent others from guessing your entry.



Figure 5: Anti-peeping password protection.

#### 4.4. IC Card Unlocking

Tap a registered IC card against the card reader sensor on the lock to unlock.

#### 4.5. Mechanical Key Unlocking

In case of emergency or battery depletion, use the provided mechanical keys to unlock the door.

#### 4.6. Voice Control (Alexa)

With the included G2 Gateway, you can connect your smart lock to Amazon Alexa for voice-activated unlocking. Ensure the gateway is properly connected to your Wi-Fi network and paired with the lock.

Video 4: G2 Gateway Connection Steps for Smart Lock.

## 5. Maintenance

### 5.1. Battery Replacement

The lock uses 4 AA batteries. When the battery is low, the lock will provide an alert. Replace all four batteries simultaneously with new ones. In case of complete battery depletion, use the USB-A emergency charging port to temporarily power the lock with a power bank.



Figure 6: Long battery life and emergency charging feature.

## 5.2. Cleaning

Clean the lock's exterior with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

## 6. Troubleshooting

- **Lock not responding:** Check battery levels. Use the USB-A emergency charging port if batteries are depleted.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if issues persist.
- **Handle direction incorrect:** Refer to Section 3.4 and 3.5 for instructions on confirming door handing and adjusting handle orientation.
- **Remote unlock not working:** Verify the G2 Gateway is powered on, connected to Wi-Fi, and properly paired with the lock. Ensure 'Remote Unlock' is enabled in the TTLock app settings.
- **Passcode issues:** Ensure the correct passcode is entered. Try generating a new passcode via the app.

## 7. Specifications

Brand	GEONFINO
Model Name	G4 Pro+G2
Lock Type	Biometric, Deadbolt, Keypad

Special Features	Anti-Peeping Password, Auto-Lock, Fingerprint, One-Touch Lock
Material	Zinc
Item Dimensions (L x W x H)	6.69 x 7.48 x 4.72 inches
Item Weight	5.48 pounds
Color	Black with Handle
Connectivity Protocol	Bluetooth, Wi-Fi
Controller Type	Amazon Alexa, Bluetooth + WiFi Keyless Control
Power Source	4 x AA Batteries (not included)
Weather Resistance	IP65, -18.4°F to 120°F

## 8. Warranty and Support

GEONFINO provides a 12-month warranty for all products. If you encounter any problems or have questions regarding your smart door lock, please contact our customer service team. We aim to reply within 24 hours.

For further assistance, please visit the official GEONFINO store or contact support through your purchase platform.