GHome Smart KD10-SE

GHome WiFi Smart Lock KD10-SE Instruction Manual

Model: KD10-SE

1. PRODUCT OVERVIEW

The GHome WiFi Smart Lock KD10-SE offers advanced security and convenience for your home. This 6-in-1 keyless entry deadbolt features built-in WiFi for remote control without a separate gateway, lightning-fast fingerprint recognition, keypad access, NFC card compatibility, and traditional key entry. It is designed for easy installation and durable performance in various weather conditions.

Your browser does not support the video tag.

Video 1: GHome Smart - 6 in 1 Keyless Entry Smart Lock, Wifi Control. This video provides an overview of the smart lock's features and unlocking methods.

Figure 1: GHome WiFi Smart Lock KD10-SE with accessories and app view.

2. PACKAGE CONTENTS

Verify that all components are present in the package before beginning installation.

- Exterior Lock Assembly
- Interior Lock Assembly
- Deadbolt Mechanism
- Strike Plate
- Strike Box
- Mounting Plate
- 2 Key Fobs (NFC Cards)
- 2 Backup Keys

- Parts Kit (various screws for mounting)
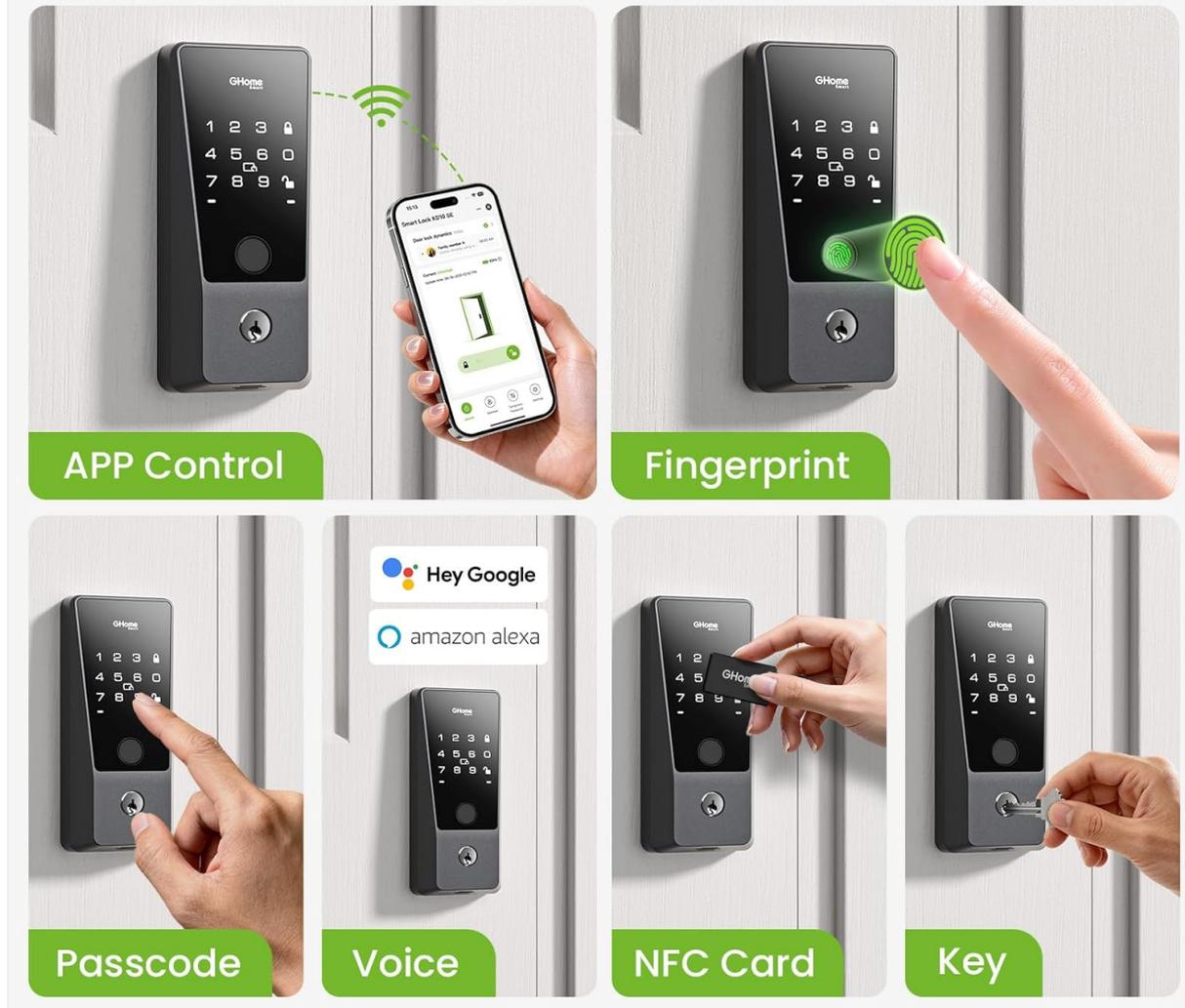- User Manual

Figure 2: Six methods to unlock the GHome Smart Lock.

3. INSTALLATION GUIDE

This section provides step-by-step instructions for installing your GHome WiFi Smart Lock. A Phillips screwdriver (manual or electric) is required for installation. Do not insert the backup key during installation.

3.1 Pre-Installation Checks

Before installation, ensure your door dimensions are compatible with the smart lock. Refer to the diagram below for measurements.

- **Cross Bore Diameter:** 1½" or 2⅛" (38mm or 55mm)
- **Backset:** 2⅜" (60mm) or 2¾" (70mm)
- **Door Thickness:** 1⅜" - 2⅛" (35mm - 54mm)
- **Door Hole Diameter (Latch Hole):** 1" (25mm)
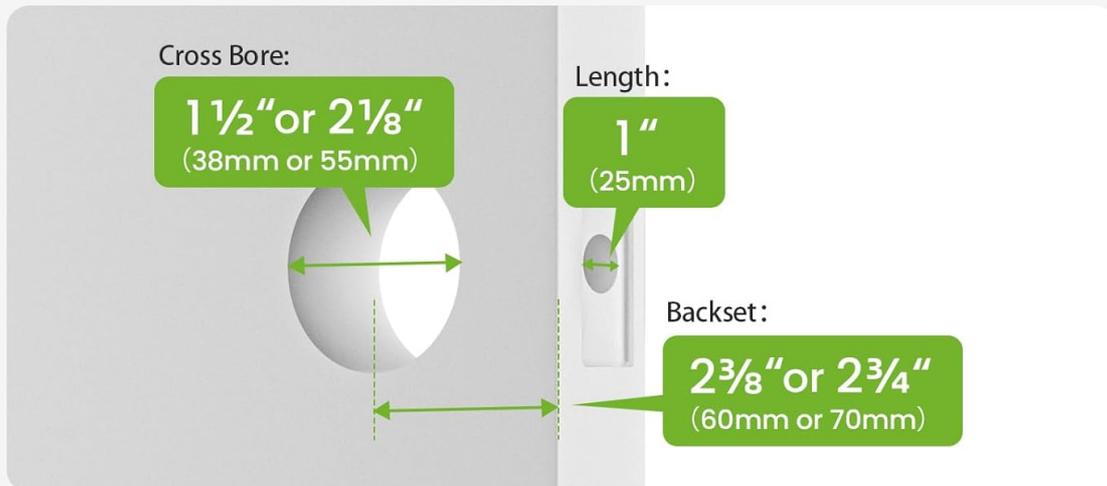
Check Size Before Purchase

Cross Bore:
1½"or 2⅛"
(38mm or 55mm)

Length:
1"
(25mm)

Backset:
2⅜"or 2¾"
(60mm or 70mm)

Left Handed Door

Right Handed Door

1⁷⁄₁₆"
(36.5mm)

6³⁄₁₆"
(157.2mm)

2 ¾"
(70.2mm)

1⁹⁄₁₆"
(40.1mm)

6¾"
(172mm)

2⅞"
(73.26mm)

Figure 3: Door dimension compatibility check.

If your original strike plate matches the illustrated dimensions (Width: Roughly 13/16" (21mm), Height: Roughly 1¼" (32mm), Depth: At least 1" (25mm)), replacement is not necessary.

3.2 Step-by-Step Installation

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

Your browser does not support the video tag.

Video 2: How to Install & Program The Smart Wifi Lock. This video provides a detailed walkthrough of the installation process for the GHome Smart Lock.

1. **Adjust Deadbolt Length (If needed):** If the backset is 2¾" (70mm), rotate the faceplate approximately 30 degrees, pull it down to the bottom, then rotate it back to secure the fixed point at the 2¾" (70mm) position.
2. **Install Deadbolt:** Keep the deadbolt in the unlocked position and ensure the torque blade hole is centered in the cross bore. Keep the hole vertical. Secure with strike screws.
3. **Install Exterior Assembly:** Route the cable below the deadbolt. Ensure the deadbolt is in the unlock position and the torque blade is vertically oriented.
4. **Install Mounting Plate:** Use the appropriate mounting screws based on your door thickness (1⅜"-1¾" (35-45mm) use 1⅛" (28mm) screw; 1¾"-2⅛" (45-54mm) use 1⅜" (35mm) screw).
5. **Install Interior Assembly:** Connect the wire to the interior assembly. Keep the thumb turn on the unlock position.

6. **Check Manual Lock:** By turning the thumb turn, lock and unlock the deadbolt a few times to ensure it works smoothly.

7. **Check Unlock/Lock Button:** Press the unlock/lock button to confirm normal operation.

8. **Check Auto-lock Function:** Wait for 10 seconds. The lock bolt should automatically extend, and the door lock will be in a closed state.

3.3 Battery Installation

The smart lock requires 8 AA alkaline batteries (not included). These batteries can last about 8 months based on 10 uses per day under ideal conditions. Carbon batteries are not recommended.

1. Open the battery cover on the interior assembly.

2. Insert 8 AA alkaline batteries, ensuring correct polarity.

3. Close the battery cover.

Figure 4: Battery installation and expected battery life.

4. App Setup and Initial Configuration

The GHome app allows you to manage your smart lock remotely. Follow these steps to set up the app and configure your lock.

4.1 Download the GHome App

Search for "GHome" in your device's app store or scan the QR code below to download and install. Sign up for an account.

App Store (iOS 11+)

Google Play (Android 6.0+)

4.2 Phone Settings

Ensure Bluetooth is enabled on your phone and connect to a 2.4G Wi-Fi network (supports 2.4G Wi-Fi only).

4.3 Restore Factory Settings

To restore factory settings, long press the "SET" button (located under the battery cover) until all 7 beep sounds finish. You will hear "Restore factory setting operation succeeded." Press the unlock button on the keypad to confirm.

4.4 Set Administrator Password

After restoring factory settings, the lock will prompt you to set an administrator password. Enter your desired 6-8 digit password and press the unlock button to confirm. For security, avoid simple codes like "123456".

4.5 Connection Method

You can connect the lock to the app via Bluetooth Auto-Discover Mode or Wi-Fi Mode.

1. **Bluetooth Auto-Discover Mode:** Open the GHome app, tap the top right "+" icon, then "Add Device". When the device pops up, tap "Add". Select the same 2.4G Wi-Fi as your phone. The lock's red light will flash, indicating it's connecting. Keep the app open for at least 2 minutes.
2. **Wi-Fi Mode:** If Bluetooth networking fails, you can try Wi-Fi mode. Open the app, tap the top right "+" icon, then "Add Device". Tap "Security" in the left device list, then select "KD10SE". Tap the top right "Bluetooth" and switch to "Wi-Fi Mode". Confirm the keyboard light is blinking and tap "Next". Select your 2.4G Wi-Fi and enter the password. Tap "Go to connect" to connect your phone to the device's hotspot (starts with "SmartLife").

5. OPERATING THE SMART LOCK

The GHome Smart Lock offers multiple convenient ways to unlock your door.

5.1 Fingerprint Unlock

The lock features a 0.2s AI biometric identification with 99% precision. You can store up to 100 fingerprints.

1. Go to the "Member" page in the GHome app.
2. Tap your account under "Family member".
3. Tap "Add Fingerprint" under "Fingerprint Management".
4. Tap "Start to add" and follow the voice prompts and app interface to register your fingerprint. Slightly adjust the angles of your finger for better scanning.
5. Once registered, simply place your registered finger on the sensor to unlock.

Smarter with Each Unlock

Self-learning AI Chip

Local Data Storage Only

0.2S
Recognition Time

99.8%
Recognition Rate

100
Fingerprints

Figure 5: Fingerprint recognition features.

5.2 Password Unlock

You can set up to 50 passcodes, including temporary or one-time guest codes. The anti-peeking design allows you to enter random digits before or after your actual code to prevent snooping.

1. Go to the "Member" page in the GHome app.
2. Tap your account under "Family member".
3. Tap "Add Password" under "Password Management".
4. Set your desired password in the app.
5. To unlock, enter your password on the keypad and press the unlock button.

Figure 6: Personalized passcode options.

5.3 NFC Card Unlock

The lock supports up to 50 NFC cards. Two key fobs are included.

1. Go to the "Member" page in the GHome app.
2. Tap your account under "Family member".
3. Tap "Add Card" under "Card Management".
4. Tap "Start to add" and place the access card on the indicated sensing area until a voice prompt confirms successful addition.
5. To unlock, swipe the registered NFC card over the sensor.

5.4 APP Remote Unlock (Via Wi-Fi)

With built-in WiFi, you can lock/unlock, manage users, share codes, view access logs, and receive alerts from anywhere via the GHome app.

1. Ensure your smart lock is connected to your home's 2.4G Wi-Fi network.
2. Open the GHome app and select your smart lock.
3. Use the unlock/lock toggle within the app to control your door remotely.

Your browser does not support the video tag.

Video 3: GHome Smart Wifi Door Lock - Built-in Wifi, Control Remotely. This video demonstrates remote control capabilities via the GHome app.
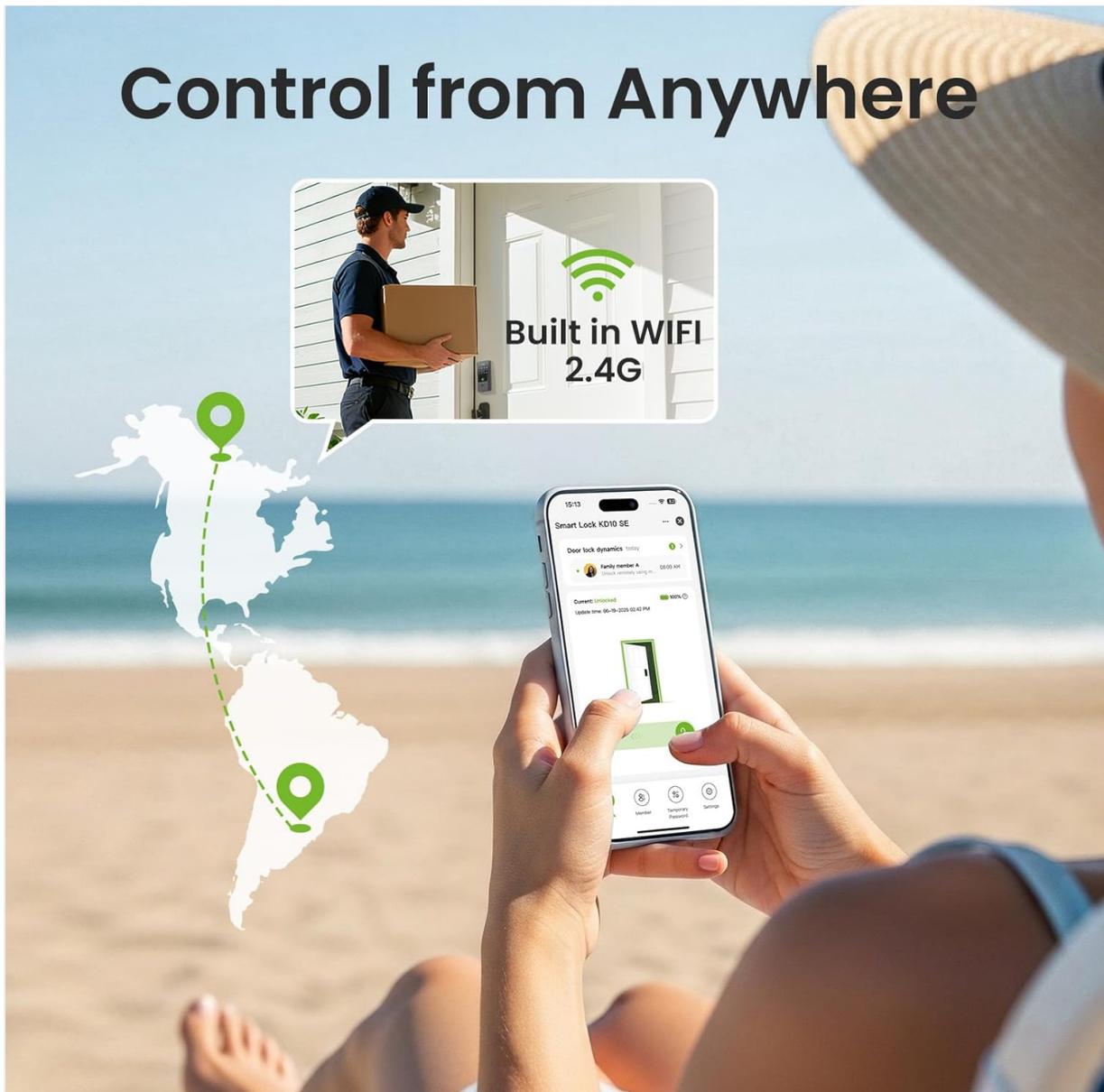

Figure 7: Remote control via GHome app.

5.5 Backup Key Unlock

In case of emergencies or battery depletion, you can use the provided backup keys to manually unlock the deadbolt.

5.6 Voice Control (Optional Feature)

The GHome Smart Lock is compatible with Amazon Alexa and Google Assistant for voice-activated control.

1. **Connect GHome app with Alexa:** Open GHome App → Go to "Me" page → Tap the Alexa icon → Tap "Link to Amazon Alexa" → Tap "Link" → Tap "Done".
2. **Set up in the Alexa app:** Open Alexa app → Tap "Devices" page → Find your smart lock and tap on it → Tap the settings gear icon in the top right corner. For better recognition, edit the smart lock's name (e.g., "Front door").
3. **Set a voice code for the smart lock in Alexa:** Turn on the "Enable Unlock" button under the "Unlock by Voice and Echo Hub" section, then enter your voice code (keep it confidential). Note: For Google Assistant, you need to set up a voice code in the GHome app.
4. **Voice Unlock:** Once set up, you can use voice commands like "Alexa, unlock the front door." You will be

prompted for your voice code to confirm.

6. MAINTENANCE

6.1 Battery Replacement

The GHome app will send low-battery alerts when the battery level reaches 9%. Replace all 8 AA batteries promptly to ensure continuous operation. In case of completely dead batteries, use any USB-C power bank/charger for instant emergency access via the Type-C backup port.

7. TROUBLESHOOTING

- **Fingerprint recognition issues:** Ensure your finger is clean and dry. Try adjusting the angle of your finger on the sensor. Re-register your fingerprint if issues persist.
- **App connection failures:** Verify your phone's Bluetooth is on and connected to a 2.4G Wi-Fi network. Ensure the lock is in network configuration mode (flashing red light). If Bluetooth fails, try Wi-Fi mode as described in Section 4.5.
- **Auto-lock not engaging:** Check the auto-lock settings in the GHome app to ensure it's enabled and configured with the desired delay (10 seconds to 30 minutes).
- **Lock not responding:** Check battery levels. If batteries are dead, use the USB-C backup power or backup keys.
- **Keypad not lighting up:** The keypad lights up in the dark for convenient passcode entry. If it doesn't, check battery levels.

8. SPECIFICATIONS

Brand	GHome Smart
Model Name	Ghome Smart Locks for Front Door
Item Model Number	KD10-SE
Lock Type	Biometric, Keyless Entry Door Lock, Smart Lock for Front Door, Wifi Deadbolt Lock with Keypad
Special Features	Auto-Lock & Anti-Peep Keypad, Built-in WiFi – Remote Control Without Hub, Easy DIY Installation & Long Battery Life, Fingerprint/APP/Passcode/Voice(Work with Alexa & Google Assistant)/Fobs/Keys Unlock, One-touch Unlock, AI Fingerprint Recognition
Material	Aluminum
Color	Black
Item Dimensions L x W x H	8.66 x 7.87 x 3.46 inches
Item Weight	2.7 pounds (1.23 Kilograms)
Control Method	App, Remote, Touch, Voice

Batteries Required	8 AA batteries (Not Included)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Waterproof Rating	IP54 (Water & Dust Resistant)

Figure 8: All-weather durability features.

9. WARRANTY AND SUPPORT

The GHome WiFi Smart Lock KD10-SE comes with a **1-year warranty** and a **30-day no-hassle return policy** for worry-free purchases. For expert support or any inquiries, please contact GHome Smart customer service.