

GHome Smart KD30

GHome Smart KD30 Fingerprint Smart Deadbolt Lock User Manual

Model: KD30

1. INTRODUCTION

The GHome Smart KD30 is an advanced smart deadbolt lock designed to enhance home security and convenience. It offers multiple unlocking methods, including fingerprint recognition, passcode entry, physical key, and smartphone app control. This manual provides detailed instructions for the proper installation, operation, and maintenance of your KD30 smart lock.

2. SAFETY INFORMATION

Please read and understand all instructions before installing and using the GHome Smart KD30 lock. Failure to follow these instructions may result in product malfunction, property damage, or personal injury.

- Do not disassemble or modify the lock.
- Keep the lock away from water and direct sunlight.
- Ensure correct battery polarity when installing.
- Always keep a physical backup key in a safe, accessible location outside your home.
- Avoid using corrosive cleaners on the lock's surface.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Exterior Assembly (Keypad with Fingerprint Reader)
- Interior Assembly (Battery Cover, Thumb Turn)
- Deadbolt Latch
- Mounting Plate

- Strike Plate
- Physical Keys (2)
- Installation Screws and Hardware
- Installation Template
- User Manual



Image: Overview of the GHome Smart KD30 lock, showing the exterior keypad with fingerprint reader, the interior unit, and a smartphone displaying the companion app interface.

4. SPECIFICATIONS

Feature	Specification
Brand	GHome Smart
Model Name	KD30
Lock Type	Deadbolt
Access Methods	Fingerprint, Passcode, Physical Key, App Control
Fingerprint Capacity	Up to 50 groups
Passcode Capacity	Up to 50 passwords
Unlock Speed	0.3 seconds (fingerprint)
Material	Zinc
Color	Silver

Dimensions (L x W x H)	9.13 x 7.13 x 3.62 inches
Item Weight	2.35 pounds
Connectivity	Bluetooth, Zigbee (G2 gateway required for remote access)
Power Supply	4 x AA Alkaline Batteries (not included)
Emergency Power	USB-C Port
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
IP Rating	IP54

5. INSTALLATION

The GHome Smart KD30 lock is designed for easy DIY installation. A screwdriver is the only tool required. Refer to the included installation template for precise drilling if your door is not pre-drilled.

5.1 Door Preparation

Ensure your door meets the following specifications:

- Door thickness: 1 3/8" to 2 1/8" (35mm-55mm)
- Door hole diameter: 2 1/8" (55mm)
- Backset: 2 3/8" or 2 3/4" (60mm or 70mm)
- Latch hole diameter: 1" (25mm)

Check Size Before Purchase

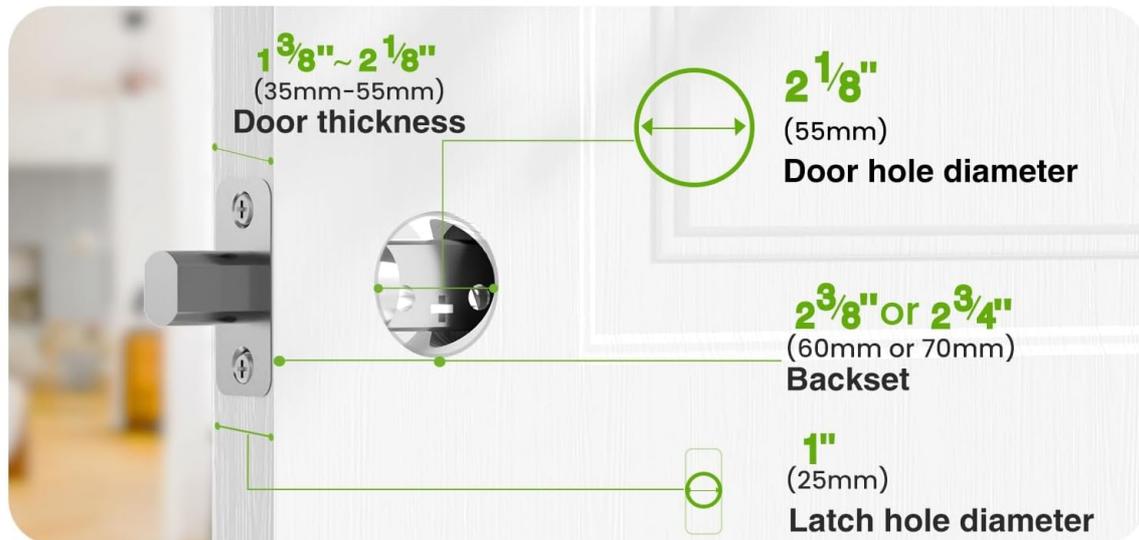


Image: Diagram illustrating required door dimensions and measurements for proper installation of the KD30 smart lock.

5.2 Step-by-Step Installation

1. **Install Deadbolt Latch:** Insert the deadbolt latch into the door edge. Ensure it is oriented correctly for your door's backset.
2. **Install Exterior Assembly:** Place the exterior keypad assembly onto the door, ensuring the spindle and control wire pass through the door holes.
3. **Install Mounting Plate:** Secure the mounting plate to the interior side of the door using the provided screws, passing the control wire through the plate.
4. **Connect Control Wire:** Carefully connect the control wire from the exterior assembly to the interior assembly.
5. **Install Interior Assembly:** Attach the interior assembly to the mounting plate, ensuring the thumb turn engages with the deadbolt mechanism. Secure with screws.
6. **Install Batteries:** Open the battery cover on the interior assembly and insert 4 AA alkaline batteries (not included), observing correct polarity.
7. **Test Operation:** With the door open, test the lock and unlock functions using the thumb turn and keypad.

For a visual guide on the unlocking options, please refer to the video below:

Your browser does not support the video tag.

Video: This video demonstrates the various unlocking methods available for the GHome Smart KD30 lock, including fingerprint, passcode, and app control.

6. OPERATING INSTRUCTIONS

6.1 Unlocking Methods

- **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will unlock in approximately 0.3 seconds. The system supports up to 50 unique fingerprints.
- **Passcode Entry:** Enter your programmed passcode on the keypad, then press the unlock button. The lock supports up to 50 passcodes.
- **Physical Key:** Use the provided physical key as a traditional backup method.
- **App Control:** Use the GHome Smart app on your smartphone to unlock the door via Bluetooth. Remote unlocking requires a G2 gateway (sold separately).



Image: Visual representation of the four primary unlocking methods for the KD30 smart lock: fingerprint, PIN password, mechanical key, and smartphone app control.

6.2 Fingerprint Management

The KD30 lock features AI-powered fingerprint recognition with 98.99% accuracy and 100% local data storage for enhanced privacy. It can store up to 50 fingerprints.

Your Finger is the Key



50

Fingerprints

0.3S

Rapid identification

99.99%

Accuracy rate

Image: Details on the fingerprint unlock feature, emphasizing support for 50 fingerprints, 0.3-second rapid identification, and a 99.99% accuracy rate.

6.3 Auto-Lock Feature

The auto-lock function automatically secures the door after a set period (10 to 30 minutes) once it has been closed. This ensures your door is always locked, providing peace of mind.

Auto Lock & One Touch Locking



Image: The KD30 lock's auto-lock feature, which can be set to engage between 10 seconds and 30 minutes after closing, alongside a one-touch locking option.

6.4 Temporary & Dynamic Passcodes

Generate temporary or dynamic passcodes through the GHome Smart app for visitors, cleaners, or short-term guests. These codes can be set with specific validity periods or for one-time use, enhancing security without sharing permanent access.

6.5 App Control (Bluetooth)

Connect your KD30 lock to the GHome Smart app via Bluetooth (up to 15 meters). The app allows you to:

- Unlock/Lock the door.
- Monitor lock status.
- Check battery levels.
- View entry logs.
- Receive alerts for forced entry attempts or incorrect passcodes.

For remote control functionality beyond Bluetooth range, a G2 gateway (sold separately) is required.

Keyless Entry

No more worry searching/forgetting/losing key



Image: A user interacting with the GHome Smart app on a smartphone to control the KD30 smart lock, demonstrating the convenience of keyless entry.

7. MAINTENANCE

7.1 Battery Replacement

The KD30 lock requires 4 AA alkaline batteries. When the battery level is low (below 4.8V), the lock will provide a voice prompt. Replace batteries promptly to ensure continuous operation.

No Battery Fear



Image: Battery specifications for the KD30 lock, indicating an approximate 6-month battery life, the need for 4 AA batteries, and the inclusion of a USB-C port for emergency power.

7.2 Emergency Power Supply

In case of complete battery depletion, the lock features a USB-C port on the exterior assembly. Connect a portable power bank to temporarily power the lock and gain entry using a registered fingerprint or passcode.

7.3 Cleaning

Clean the lock's surface with a dry, soft cloth. Avoid using abrasive or corrosive cleaning agents, as they may damage the finish or electronic components.

8. TROUBLESHOOTING

If you encounter any issues with your GHome Smart KD30 lock, please refer to the troubleshooting section in the full user manual or contact customer support.

- **Lock not responding:** Check battery levels and replace if necessary. Ensure the control wire connection is secure.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if issues persist.

- **App connectivity issues:** Ensure Bluetooth is enabled on your phone and you are within range. Restart the app or the lock if needed.

9. WARRANTY AND SUPPORT

GHome Smart provides a 1-year product warranty and a 30-day satisfaction assurance for worry-free purchases. For any questions or support, please contact GHome Smart customer service.

- **Customer Support:** Available PST 9am-5pm (Monday-Friday) with 24/7 online support.
- **Contact Information:** Refer to the product packaging or official GHome Smart website for the most current contact details.