

Devo G1

Devo G1 Video Smart Lock with Camera & Doorbell User Manual

Model: G1 | Brand: Devo

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- Introduction
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- Components
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Specifications
- App
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1. INTRODUCTION

The Devo G1 Video Smart Lock is a comprehensive security system designed for modern homes, offices, and apartments. It integrates multiple access methods and monitoring features into a single device. This manual provides detailed instructions for the proper installation, operation, and maintenance of your Devo G1 Smart Lock.

Key features include a biometric fingerprint scanner, a Full HD camera with dual-laser infrared night vision, and an adjustable-volume video doorbell. The lock supports six keyless entry methods: fingerprint, mobile application control, voice commands (compatible with Alexa and Google Assistant), IC cards, keypad codes, and traditional physical keys.

2. PACKAGE CONTENTS

Before beginning installation, verify that all components are present in the package:

- G1 Smart Door Lock (1 unit)
- IC Cards (2 units)
- Installation Accessories (screws, mounting plate, etc.)
- Mechanical Keys (2 units)
- User Manual (this document)

Rechargeable & Sustainable Smart Lock



Image: Overview of the Devo G1 Smart Lock and its included accessories, including the lock unit, IC cards, keys, and installation hardware.

3. INSTALLATION GUIDE

The Devo G1 Smart Lock is designed for straightforward installation on most standard US doors. A screwdriver is typically the only tool required, and no additional drilling is needed for compatible doors.

3.1 Door Compatibility Check

Ensure your door meets the following specifications:

- **Door Thickness:** 1-3/8" to 2-1/8" (35mm to 55mm)
- **Door Hole Diameter:** 1-1/2" or 2-1/8" (38mm or 54mm)
- **Backset:** 2-3/8" or 2-3/4" (60mm or 70mm)

The lock is suitable for both left and right door opening directions.

Fingerprint Quick Unlock

Built-in new upgraded self-learning AI



0.25s
Biometrics
Identification



AI Chip
Self-learning



100
Fingerprint
Capacity



Image: Door measurement guide for Devo G1 Smart Lock installation, illustrating door thickness, bore diameter, and backset requirements.

APP Remote Control

You can easily view and set up via the app and control your lock from anywhere.



Image: Visual guide for checking door compatibility, including chiseled, no chiseled, single cylinder, and mortise/integrated door types.

3.2 Step-by-Step Installation

Follow these steps to install your Devo G1 Smart Lock:

1. **Prepare the Door:** Ensure the door is clean and the existing deadbolt is removed.
2. **Install the Latch:** Insert the latch into the door edge and secure it with screws.
3. **Install the Exterior Assembly:** Place the exterior assembly onto the door, ensuring the spindle passes through the latch.
4. **Install the Mounting Plate:** Run the wires through the mounting plate and secure the plate to the door with screws. Choose the appropriate screw length (A, B, or C) based on your door's thickness (50-55mm for A, 40-50mm for B, 35-40mm for C).

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Video: This video demonstrates the installation of the mounting plate, including how to run wires and select the correct screw length based on door thickness.

5. **Connect Wires and Install Interior Assembly:** Connect the wire harness from the exterior assembly to the interior assembly. Carefully tuck excess wires into the door. Align the interior assembly with the mounting plate and secure it.
6. **Install Battery:** Insert the fully charged 10,000mAh lithium battery into the interior assembly.
7. **Test Operation:** Manually test the lock and unlock mechanism to ensure smooth operation.

For a comprehensive visual guide, refer to the official installation video provided by Devo:

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Video: Official Devo G1 Video Smart Lock Installation Guide. This video provides a comprehensive step-by-step visual walkthrough of the entire installation process.

4. APP SETUP AND CONNECTIVITY

The Devo G1 Smart Lock features built-in Wi-Fi for direct connection to your home network, eliminating the need for a separate gateway. Manage your lock remotely using the TUYA app.

4.1 Downloading and Connecting the App

1. **Download the TUYA App:** Search for "TUYA" in your smartphone's app store (iOS or Android) and download the application.

2. **Enable Bluetooth and Wi-Fi:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone. The lock connects to 2.4GHz Wi-Fi networks only (5GHz is not supported).
3. **Add Device:** Open the TUYA app, create an account or log in, and follow the in-app instructions to add your Devo G1 Smart Lock. This typically involves selecting "Add Device" and allowing the app to discover the lock via Bluetooth, then configuring Wi-Fi.

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Video: This video demonstrates the process of connecting the Devo G1 Smart Lock to your home network using the TUYA app, including enabling Bluetooth and Wi-Fi.

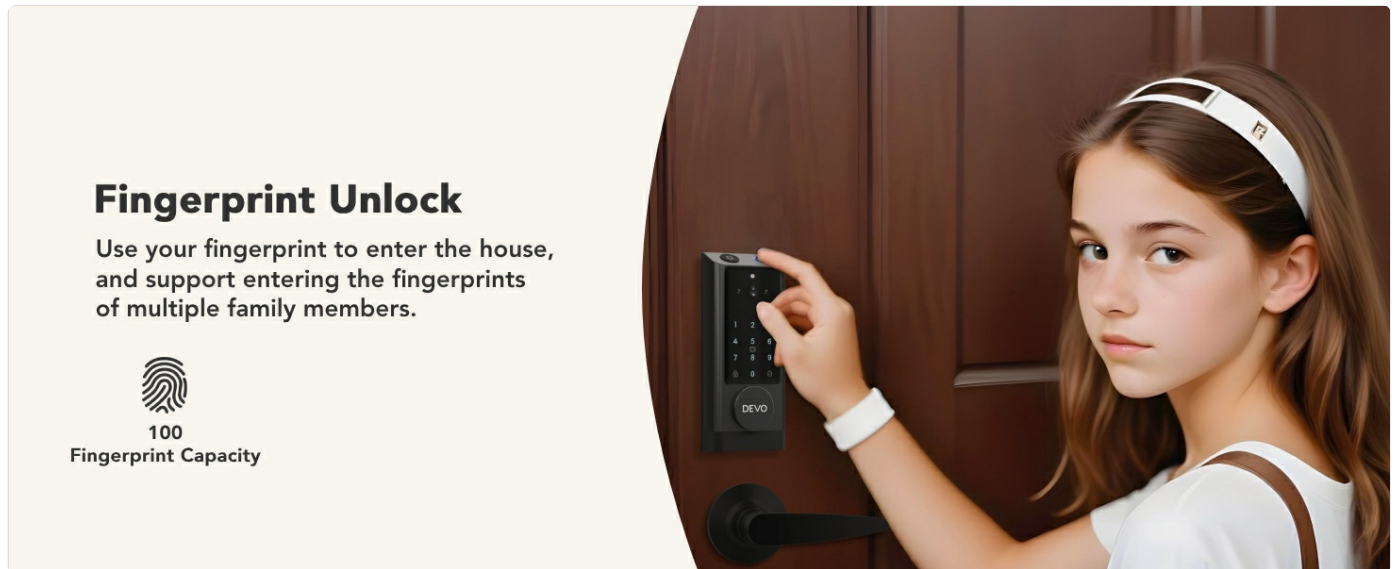


Image: Illustration of the Devo G1 Smart Lock's direct Wi-Fi connectivity to a router, highlighting support for 2.4GHz Wi-Fi.

4.2 App Management Features

Once connected, the TUYA app allows you to:

- **Unlock/Lock Doors:** Remotely control the lock status from anywhere.
- **Manage User Members:** Add, edit, or remove users and assign specific access methods (fingerprint, code, IC card).

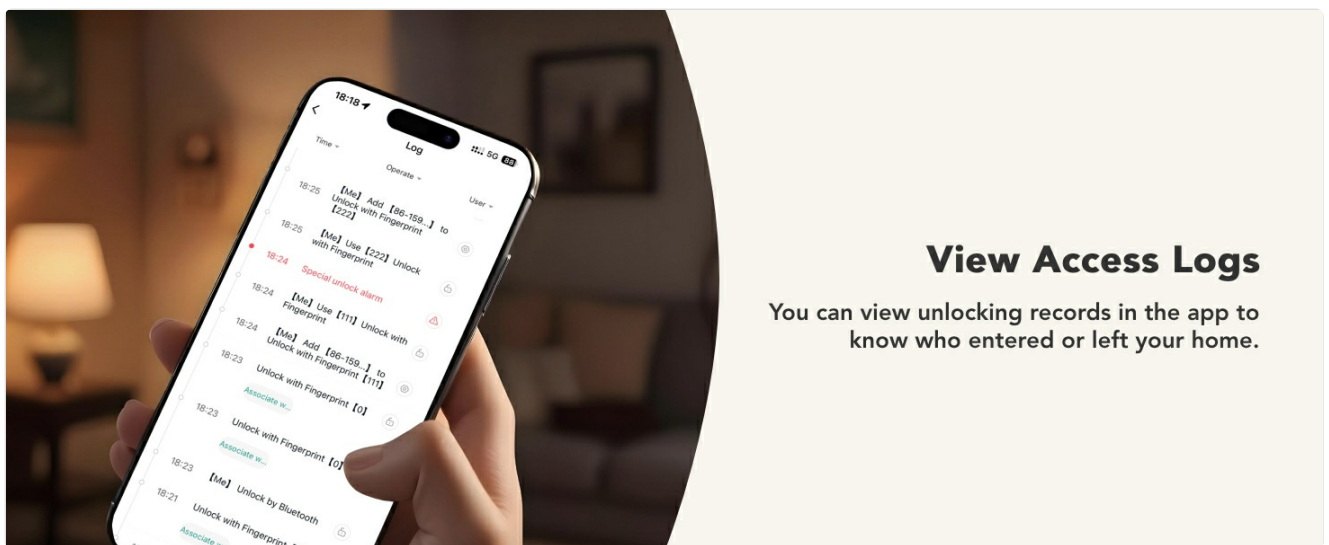
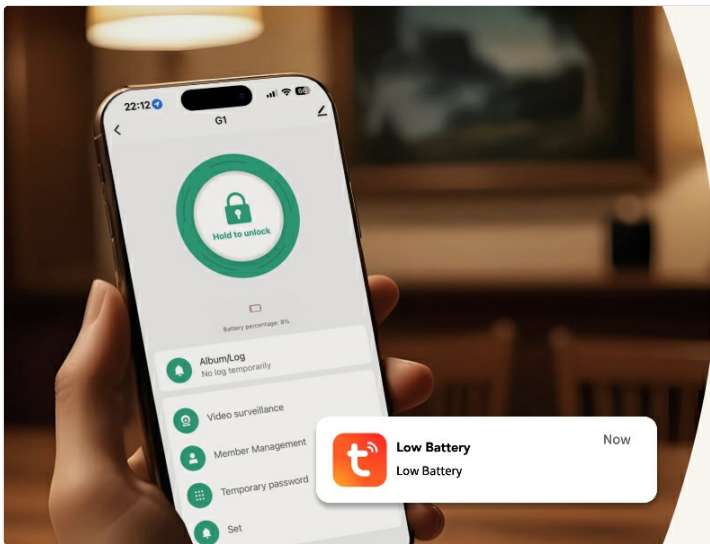


Image: TUYA app interface for managing users, allowing creation and deletion of members with various access methods.

- **Receive Real-time Notifications:** Get instant alerts for doorbell rings, unlocking events, and unusual activity.



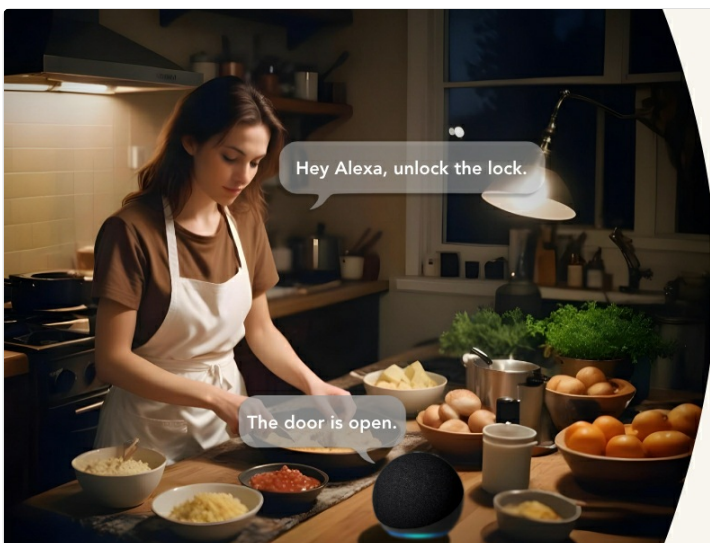
Low Battery Warning

The app will notify you in advance that the battery is about to run out.



Image: Example of a real-time notification from the TUYA app, indicating an unlocked front door.

- **Create Temporary Passwords:** Generate time-sensitive access codes for guests or service providers.



Voice Control

Use with voice assistant to realize voice control of door lock.



Image: A user setting up a temporary password for guests via the app.

- **View Access Logs:** Review a history of who entered or left your home and when.



Auto Lock

When you forget to lock the door or your hands are busy, you can enable the auto-lock function.

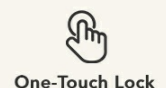


Image: The TUYA app displaying access logs, allowing users to track entry and exit times.

- **Monitor Battery Status:** Receive low-power alerts to ensure the lock remains operational.



Image: TUYA app interface showing a low battery warning and battery status display for the smart lock.

- **Live Video Feeds:** View live video from the integrated camera anytime, anywhere.
- **Two-Way Audio:** Communicate with visitors at your door through the app.

For a detailed demonstration of app operations, refer to the official operating instructions video:

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Video: This video demonstrates the various operating instructions for the Devo G1 Video Smart Lock, including app control and remote functions.

5. OPERATION

The Devo G1 Smart Lock offers multiple convenient ways to secure and access your property.

5.1 Keyless Entry Methods

- **Fingerprint Unlock:** Place your registered fingerprint on the sensor for quick access. The lock supports up to 100 fingerprints.

Fit Most Standard Door



Suitable for Both Left and Right Door Opening Direction



Image: A user unlocking the Devo G1 Smart Lock using the fingerprint sensor, highlighting its quick identification.

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Video: A short preview demonstrating the fingerprint unlock feature of the Devo G1 Smart Lock.

- **App Remote Control:** Use the TUYA app to unlock or lock the door from any location with internet access.



Image: The TUYA app interface showing remote control functionality for the smart lock.

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Video: A short preview demonstrating the remote unlock feature via the app.

- **Voice Control:** Integrate with Amazon Alexa or Google Assistant for hands-free locking and unlocking.

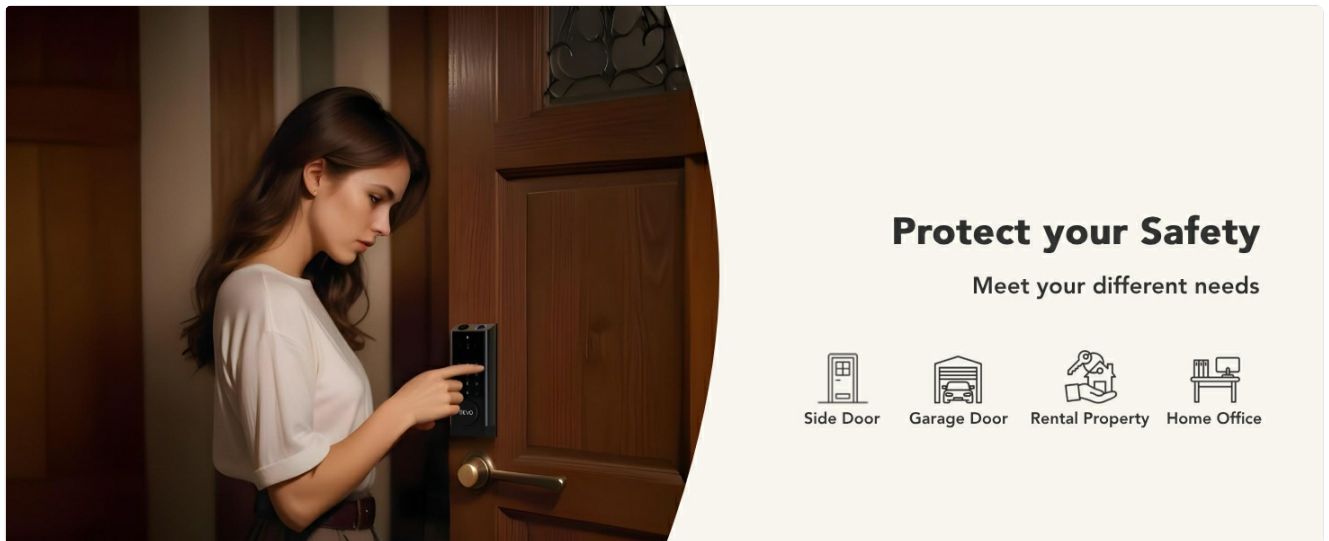


Image: A user interacting with a smart speaker to control the Devo G1 Smart Lock via voice commands.

- **IC Card:** Tap the provided IC cards on the lock's sensor for quick entry. Two IC cards are included. The lock supports up to 50 IC cards.

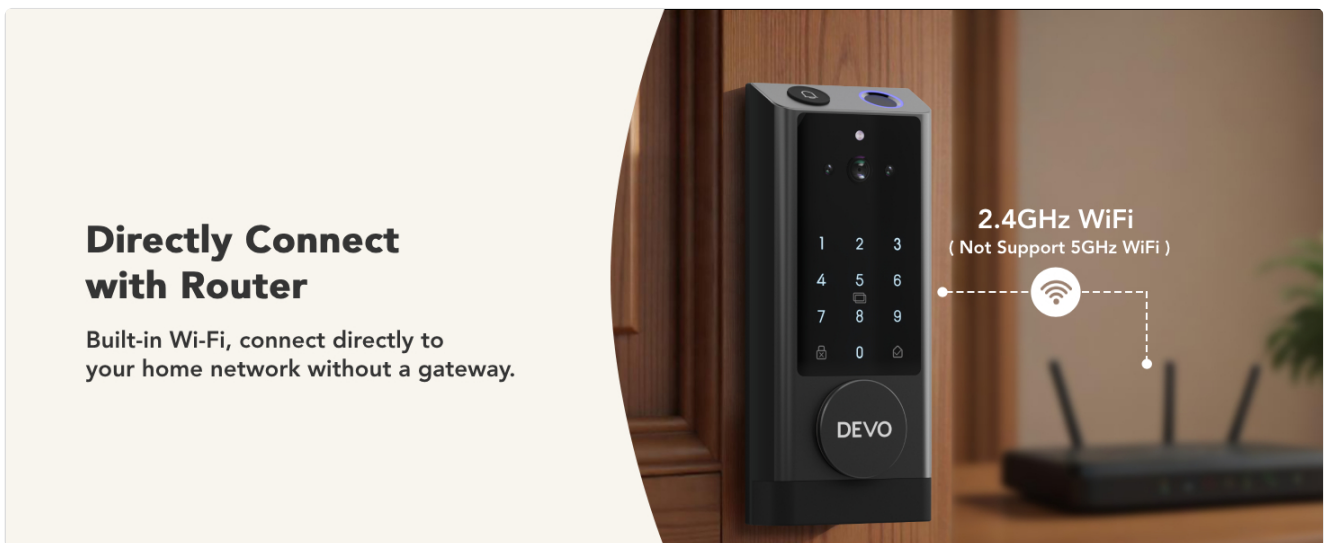
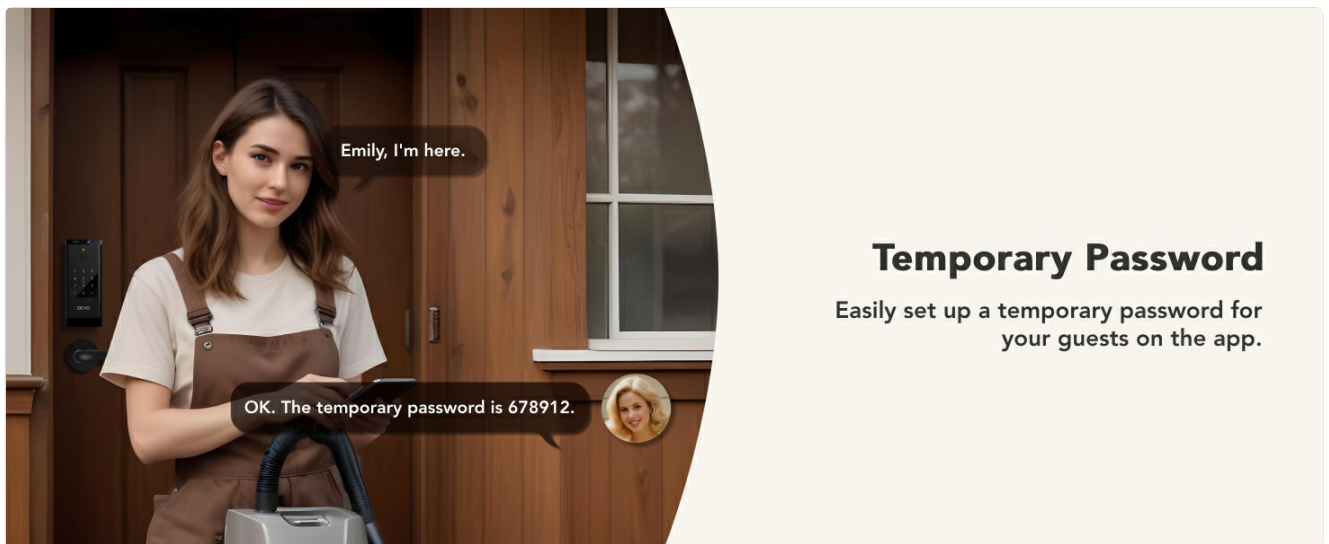


Image: A hand using an IC card to unlock the Devo G1 Smart Lock by touching the screen.

- **Keypad Codes:** Enter a personalized code on the touchscreen keypad. The lock supports up to 50 different passcodes.

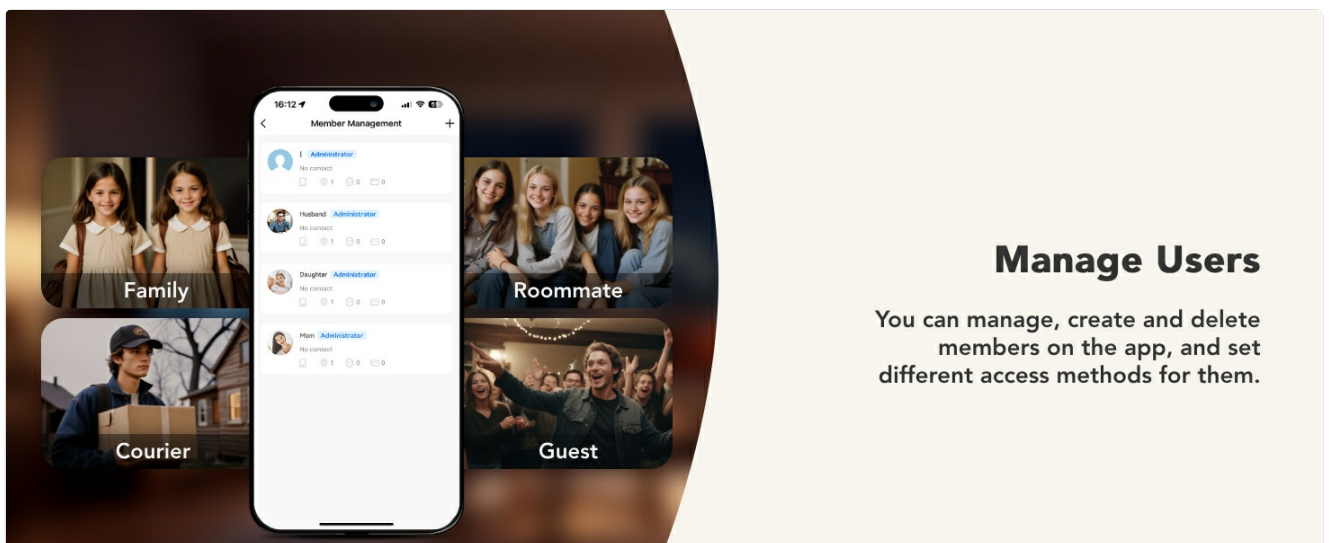


Temporary Password

Easily set up a temporary password for your guests on the app.

Image: A user entering a passcode on the Devo G1 Smart Lock's keypad for entry.

- **Physical Keys:** Use the provided mechanical keys as a traditional backup unlocking method.



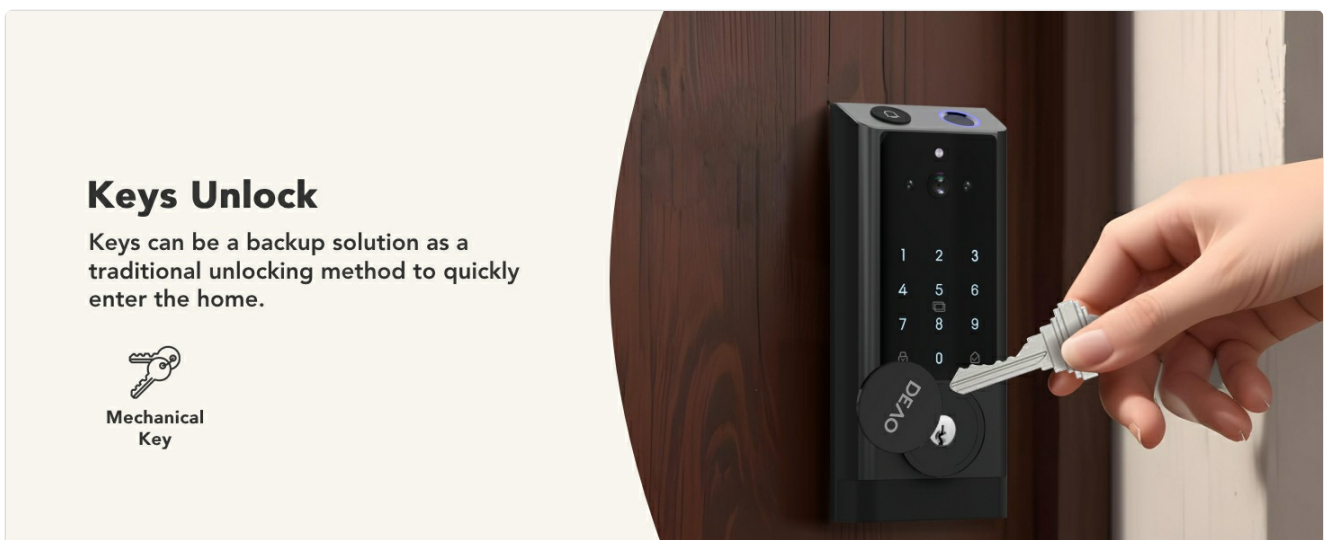
Manage Users

You can manage, create and delete members on the app, and set different access methods for them.

Image: A hand using a mechanical key to unlock the Devo G1 Smart Lock, serving as a backup method.

5.2 Security Features

- **Auto-Lock:** The lock can be configured to automatically lock after a set period, providing peace of mind if you forget to lock the door.



Keys Unlock

Keys can be a backup solution as a traditional unlocking method to quickly enter the home.



Mechanical Key

Image: Illustration of the auto-lock function, useful when hands are full or if the door is accidentally left unlocked.

- **Privacy Mode:** Activate privacy mode from the interior to prevent external unlocking attempts.
- **Anti-Peeping Keypad:** Enter dummy digits before or after your actual code to prevent others from guessing your passcode.
- **Human Detection & 2-Way Audio:** Equipped with infrared and millimeter-wave radar, the lock detects doorstep activity and sends alerts. The HD camera provides 24/7 live viewing and recording. Two-way audio allows remote communication with visitors.

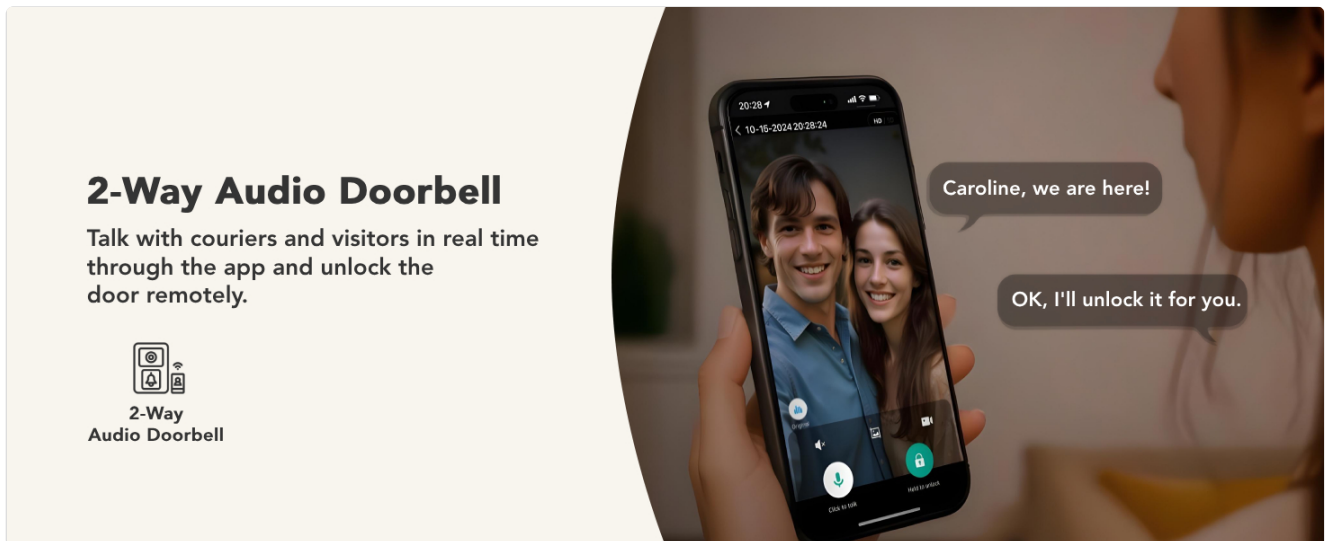


Image: Human detection feature, designed to accurately identify people while ignoring pets, providing precise alerts.

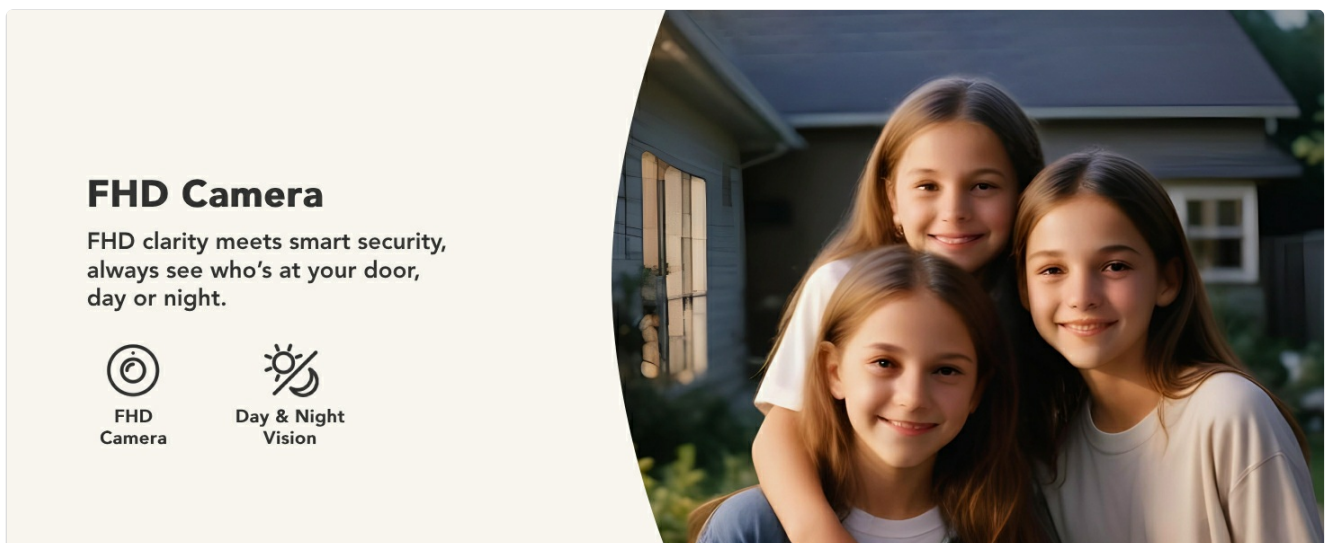


Image: Two-way audio doorbell feature, enabling real-time communication with visitors and remote unlocking via the app.

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Video: A short preview demonstrating the doorbell functionality of the Devo G1 Smart Lock, including its camera and two-way audio features.

- **FHD Camera:** Provides clear 24/7 live viewing and automatic recording, even in low light conditions with dual-laser infrared night vision.

Human Detection

Detects humans, ignores pets:
get precise alerts when
someone approaches.



Image: The FHD camera feature, offering clear day and night vision for continuous monitoring of your entryway.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Devo G1 Smart Lock.

6.1 Battery Management

The Devo G1 Smart Lock is powered by a 10,000mAh removable lithium battery, offering up to 90 days of use on a single charge. It includes a Type-C emergency charging port.

- **Charging:** When the battery is low, the app will send a notification. Connect a Type-C cable to the emergency charging port to recharge the battery. A full charge typically takes about 6 hours.

Requires charging before use
(Rechargeable Battery)

10000mAh
lithium battery

Devo

Others

Image: The Devo G1 Smart Lock highlighting its 10,000mAh battery and Type-C emergency charging port.



Image: The Devo G1 Smart Lock emphasizing its 10,000mAh lithium battery, which requires charging before initial use.

- **Low Battery Alerts:** The TUYA app provides timely notifications when the battery level is low, prompting you to recharge.

6.2 Cleaning and Care

- **Exterior Cleaning:** Wipe the lock's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Fingerprint Sensor:** Periodically clean the fingerprint sensor to ensure optimal recognition. Use a soft, dry cloth.

6.3 Weather Resistance

The Devo G1 Smart Lock has an IP65 waterproof rating, allowing it to withstand rain, snow, wind, and sand. It operates reliably in temperatures ranging from -17°C to 50°C (5°F to 122°F).

IC Card Unlock

2 IC cards are provided. Use IC card to touch the screen and unlock your door.

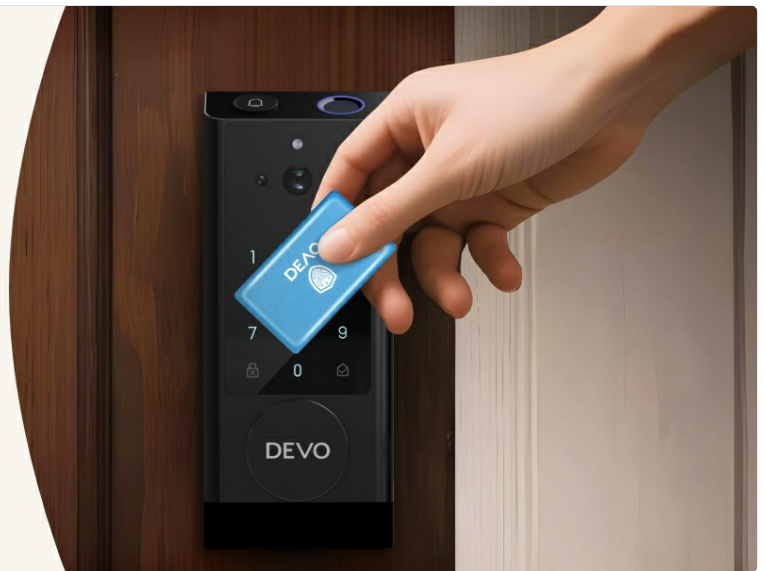


Image: The Devo G1 Smart Lock demonstrating its weather resistance with an IP65 rating and wide operating temperature range.

7. TROUBLESHOOTING

This section addresses common issues and provides solutions to ensure your Devo G1 Smart Lock functions correctly.

7.1 Abnormal Rapid Power Consumption

If your smart lock's battery drains faster than expected, consider the following:

1. Network Inspection:

- **Weak Wi-Fi Signal:** A weak Wi-Fi signal causes the network module to repeatedly search and connect, increasing power consumption by 20-40%, and over 50% in extremely poor signal environments.
- **Router Distance:** Ensure the smart lock is within 10 meters of your router, with no more than two partition walls between them, to maintain a stable network connection.

2. Functional Settings Check:

- **Active Sensing Functions:** Features like face recognition and loitering detection, when always-on, can increase power consumption by an additional 20-30% in high-traffic areas. Disable unnecessary uninterrupted sensing functions if full-time monitoring is not required.

3. Hardware Inspection:

- **Internal Wires:** Check for short circuits caused by squeezed internal wires.
- **Flexible Flat Cables:** Inspect for damaged flexible flat cables.
- **Lock Body Structure:** Ensure sufficient lubrication of the lock body structure.
- **Battery Contact Points:** Check for oxidation on battery contact points.

7.2 Other Common Issues

• Lock Not Responding:

- Check battery level and recharge if necessary.
- Ensure the lock is properly installed and all connections are secure.
- Try using a physical key as a backup.

• Fingerprint Recognition Issues:

- Clean the fingerprint sensor with a soft, dry cloth.
- Ensure your finger is clean and dry when attempting to unlock.
- Re-register your fingerprint if issues persist.

- **App Connectivity Problems:**

- Verify your phone's Bluetooth and Wi-Fi are enabled.
- Ensure the lock is within range of your 2.4GHz Wi-Fi network.
- Restart the TUYA app and/or your smartphone.
- Check your router settings to ensure no interference with the lock's Wi-Fi connection.

8. SPECIFICATIONS

Feature	Detail
Brand	Devo
Model Number	G1
Model Name	G1-Video Smart Lock with Camera & Doorbell
Lock Type	Combination Lock, Deadbolt, Keypad
Entry Methods	Fingerprint, App, Voice Control (Alexa, Google Assistant), IC Card, Keypad, Physical Key
Fingerprint Capacity	Up to 100
Passcode Capacity	Up to 50
IC Card Capacity	Up to 50
Connectivity Protocol	Wi-Fi (2.4GHz only)
Power Source	10,000mAh Rechargeable Lithium Battery
Emergency Charging	Type-C Port
Waterproof Rating	IP65
Operating Temperature	-17°C to 50°C (5°F to 122°F)
Material	Aluminum
Item Dimensions (L x W x H)	7.24 x 2.99 x 1.19 inches
Item Weight	3.3 pounds
Included Components	G1 Smart Door Lock, 2 IC Cards, Installation Accessories, 2 Mechanical Keys, User Manual

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Devo website. Keep your purchase receipt for warranty claims.

Online Resources:

- For additional support and FAQs, visit the [Devo Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question