

Anweller MD2

Anweller MD2 Smart Deadbolt Lock with Camera - Instruction Manual

MODEL: MD2

1. Introduction

The Anweller MD2 Smart Deadbolt Lock is an advanced security solution for your home, integrating multiple access methods with a built-in 2K camera for enhanced monitoring. This manual provides detailed instructions for installation, setup, operation, and maintenance to ensure optimal performance and security.

2. Package Contents

Please verify that all components are present before beginning installation:

- 1 x MD2 Smart Deadbolt Lock (All Parts)
- 1 x 10000mAh Li-ion Battery
- 1 x Smart Door Sensor
- 2 x Mechanical Keys
- 4 x RFID Cards
- Mounting Hardware (screws, screwdriver)
- Installation Template
- User Manual

2K HD Video Smart Lock

Visual security, real-time monitoring



Two-Way Audio



160° Wide-Angle



PIR Motion Detection

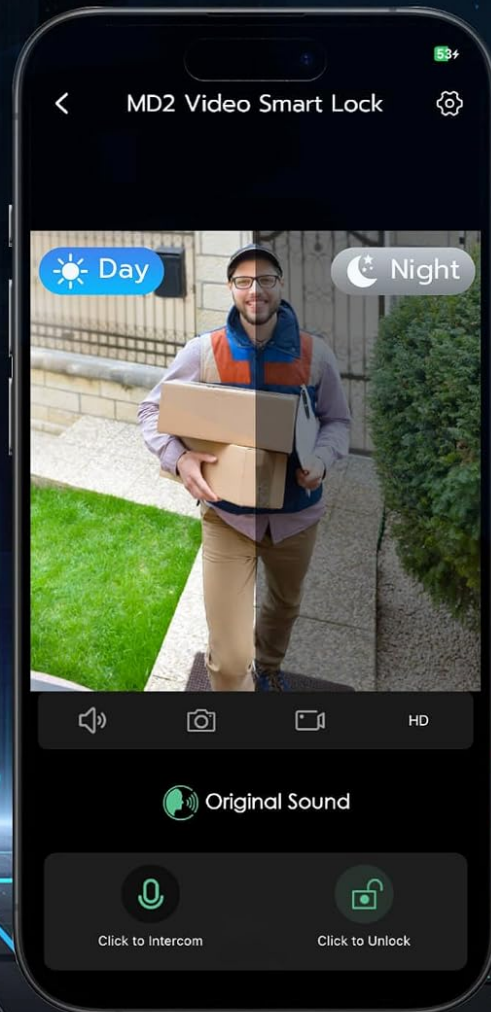


Image: Overview of the Anweller MD2 Smart Deadbolt Lock components, including the exterior keypad with camera, interior unit, and accessories.

3. Specifications

Feature	Description
Brand	Anweller
Model Number	MD2
Lock Type	Biometric, Deadbolt, WiFi Smart Lock

Special Features	Integrated 2K Camera, Smart Door Sensor, Built-in WiFi, 10000mAh Battery, ANSI/BHMA Grade 2 Safety Standards, Easy Installation
Material	Aluminum, Zinc
Item Dimensions	6.2 x 2.9 x 1.1 inches
Item Weight	2.9 Pounds
Connectivity Protocol	Bluetooth, Wi-Fi (2.4GHz only)
Controller Type	Amazon Alexa, Android, iOS
Recommended Uses	Front Doors, Side Doors, Exterior Doors, Garage Door

4. Installation Guide

The Anweller MD2 Smart Deadbolt Lock is designed for easy DIY installation, typically taking about 15 minutes with a screwdriver. No additional drilling or bridge is required for most U.S. standard doors.

4.1 Door Compatibility

Ensure your door meets the following specifications:

- **Backset:** 2-3/8" or 2-3/4" (60mm or 70mm)
- **Hole Diameter:** 2-1/8" (54mm) or 1-1/2" (38mm)
- **Door Thickness:** 1-3/8" to 2-1/8" (35mm to 55mm)
- Reversible for both left and right-handed doors.

Compatible with U.S. Standard Doors



Image: Diagram illustrating the compatible door dimensions and lock types (single cylinder, not mortise) for the Anweller MD2.

4.2 Step-by-Step Installation

For a visual guide, please refer to the official installation video below. A screwdriver is the only tool required.



Video: Official Anweller MD2 Smart Deadbolt Lock Installation Guide. This video demonstrates the complete installation process from preparing the door to securing the lock components.

- 1. Install the Lock Latch:** Adjust the latch to fit your door's backset (60mm or 70mm) and insert it into the door edge, ensuring the 'UP' marking faces upward.
- 2. Install the Front Lock:** Pass the lock pin and cable through the door hole. Temporarily fix the front lock panel to the door using double-sided tape.
- 3. Install the Mounting Bracket:** Pass the lock pin and cable through the mounting bracket. Pre-fix the bracket with

double-sided tape and then secure it with two screws. Select appropriate screw length (40mm for 45-55mm doors, 25mm for 35-45mm doors).

4. **Install the Rear Lock:** Connect the cables from the front lock to the rear lock unit. Align the rear lock with the mounting bracket and secure it with screws.
5. **Install the Battery:** Insert the 10000mAh Li-ion battery into the designated compartment in the rear lock unit.
6. **Install the Door Sensor:** Use the provided positioning card to confirm the optimal installation area for the smart door sensor on the door frame. Attach the sensor using its adhesive backing.

5. Setup & Configuration

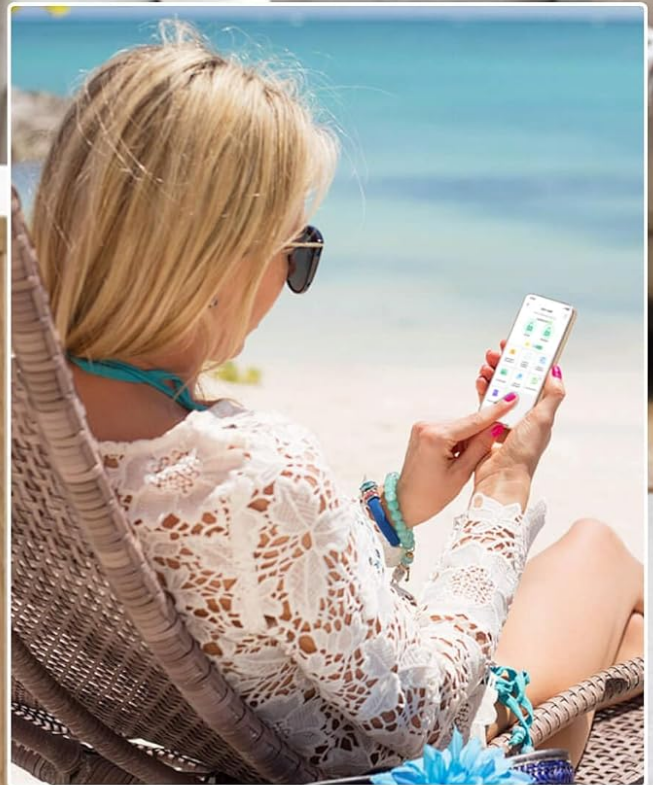
After physical installation, configure your smart lock using the dedicated mobile application.

5.1 App Installation and Wi-Fi Connection

- Download the eSmartLock app from your smartphone's app store (compatible with iOS and Android).
- Follow the in-app instructions to register an account and add your MD2 Smart Deadbolt Lock.
- Connect the lock to your home's 2.4GHz Wi-Fi network directly through the app. No external bridge is required.
- The Wi-Fi function can be toggled off in the app to conserve battery life if remote access is not frequently needed.

App Remote Control Anywhere

Built-in WiFi, No Extra Bridge Required



WiFi mode can be turned off to save power.

Image: The Anweller MD2 Smart Deadbolt Lock with a smartphone displaying the remote control app interface, highlighting built-in Wi-Fi connectivity.

5.2 Adding Access Methods

The MD2 supports multiple keyless entry methods:

- **Fingerprint:** Register up to 100 unique fingerprints through the app. Follow the on-screen prompts to scan your finger multiple times for accurate recognition.
- **Passcodes:** Create and manage custom passcodes for family members or temporary guests via the app.
- **RFID Cards:** Register the included RFID cards (or key fobs) by presenting them to the lock's sensor as instructed in the app.
- **App Remote Control:** Unlock or lock your door from anywhere using the eSmartLock app.
- **Mechanical Keys:** Use the provided physical keys as a backup for emergency access.

7 Ways to Unlock



Self-learning AI Chip, More Sensitive and Reliable

99.99%

Recognition Accuracy

<0.2s

Fast Recognition

100

Fingerprint Capacity



Image: Visual representation of the seven different ways to unlock the Anweller MD2 Smart Deadbolt Lock, including fingerprint, passcodes, RFID card, app, Apple Watch, Alexa, and physical key.

6. Operating Instructions

6.1 Unlocking and Locking

- **Fingerprint:** Place your registered finger on the fingerprint sensor.
- **Passcode:** Enter your 6-digit passcode on the keypad, followed by the '#' key.
- **RFID Card:** Present a registered RFID card to the card service area on the lock.
- **App:** Open the eSmartLock app and tap the unlock icon.
- **Mechanical Key:** Insert and turn the physical key in the keyhole.

6.2 Integrated 2K Camera Features

The built-in 2K camera provides high-definition video and images with a 160° wide-angle view, ensuring clear visibility even at night.

- **Two-Way Audio:** Communicate with visitors at your door directly through the app.
- **PIR Motion Detection:** Receive alerts on your smartphone when motion is detected at your door.
- **Night Vision:** The camera provides clear images in low-light conditions.
- **Video Recording:** Store video footage on the pre-installed 8GB memory card or via cloud recording (subscription may be required).



Image: Features of the Anweller Smart Door Lock with Camera, including 2K HD video, two-way audio, and 160-degree wide-angle view.

6.3 Smart Door Sensor & Auto-Lock

The smart door sensor enhances security and convenience:

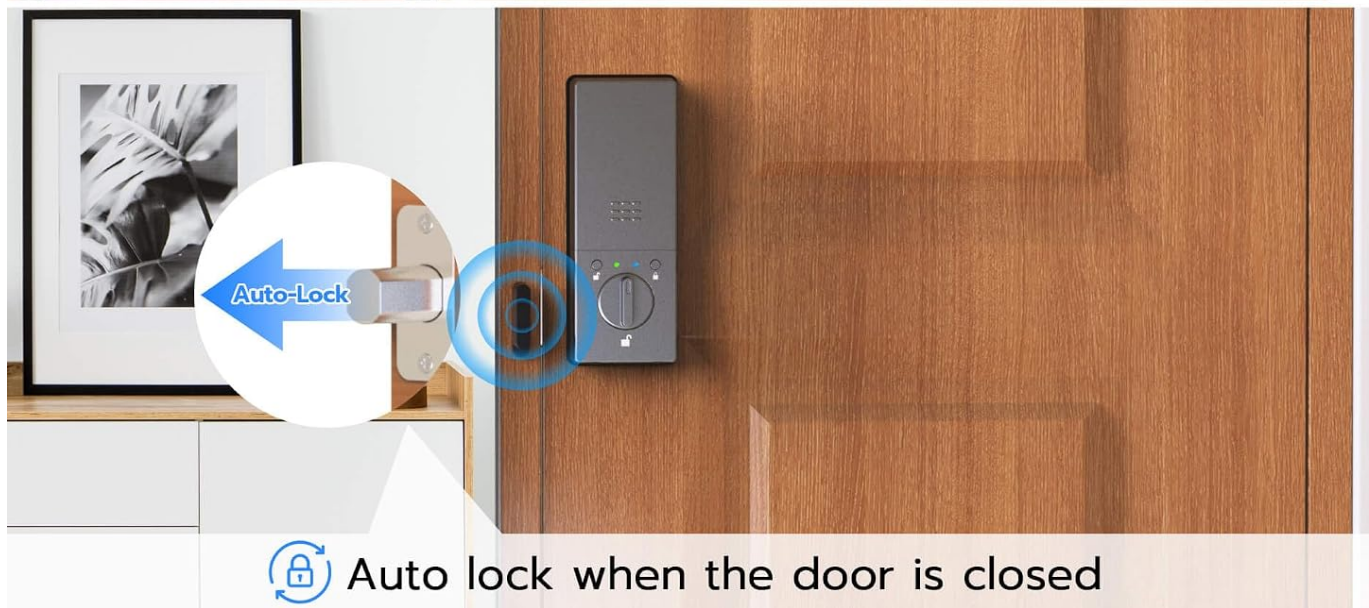
- **Auto-Lock:** The lock automatically engages when the door is closed.
- **Open Door Alerts:** The app will send a reminder if the door remains open for more than 60 seconds.

Smart Door Sensor

No Longer Worry about Forgetting to Lock the Door



Receive alerts when the door is opened



Auto lock when the door is closed

Image: The Anweller MD2 Smart Door Sensor, showing how it triggers auto-lock when the door is closed and sends alerts if the door is left open.

6.4 Mode Switching

Easily switch between different operating modes using the one-touch shortcut button on the interior unit:

- **Normal Mode:** Auto-locks the door after closing.
- **Passage Mode:** Keeps the door unlocked for convenient entry/exit during high traffic periods.
- **Anti-unlock Mode:** Only the owner can unlock the door, restricting other access methods.

7. Maintenance

7.1 Battery Charging

The MD2 is equipped with a 10000mAh high-capacity rechargeable Li-ion battery. The mobile app will notify you when the battery level is low.

- To charge, remove the battery pack from the interior unit.
- Connect the battery to a USB-C charging cable.
- In case of a completely drained battery, the lock can be temporarily powered via a power bank connected to the emergency USB-C port on the exterior unit, or unlocked with a mechanical key.

Rechargeable Battery Powered

Long-lasting, Eco-friendly, and Hassle-free

10000

mAh

Large-Capacity



Li-ion Battery
3.81V==10.35Whr
APN: 616-00351

WARNING
Authorized Service
Provider Only
Potential for fire or
burning. Do not
disassemble, puncture,
crush, heat, or burn.


**Environment
Friendly**

 **Unlock with power bank or key when battery dies.**

Image: The 10000mAh rechargeable Li-ion battery for the Anweller MD2, highlighting its long-lasting and eco-friendly nature, with options for emergency power bank or key access.

7.2 Cleaning

Wipe the lock's surfaces, especially the fingerprint sensor and keypad, with a soft, dry cloth to ensure optimal performance.

8. Troubleshooting

- **Lock not responding:** Check battery level in the app or physically. Recharge if necessary.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-register fingerprint if issues persist.
- **App connectivity issues:** Verify your home Wi-Fi (2.4GHz) is active and the lock is within range. Restart the app or the lock if needed.
- **Door sensor not working:** Ensure the sensor is correctly aligned and securely attached to the door frame. Calibrate the unlocking on the APP for the first time.

For further assistance, please refer to the 'Excellent Customer Support' section.

9. Warranty & Support

Anweller provides a **12-month warranty** and **free lifetime technical support** for the MD2 Smart Deadbolt Lock. Should you encounter any issues or have queries, please do not hesitate to contact us.

- **Warranty Coverage:** 12-month warranty for defects in materials and workmanship.
- **Technical Support:** Free lifetime technical support is available.
- **Contact Email:** hongjdzwj@outlook.com



Image: Anweller customer service representatives, symbolizing the available support for the product.

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