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› Anweller MD121 Smart Door Lock with Camera User Manual

Anweller MD121

Anweller MD121 Smart Door Lock with Camera User Manual

Model: MD121

INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Anweller MD121 Smart Door Lock with Camera. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

PRODUCT OVERVIEW

Key Features

- Integrated 2K Camera with f/1.6 lens for HD video and wide-angle viewing, including night vision.
- Built-in WiFi for remote control and monitoring without an additional bridge.
- 10000mAh high-capacity rechargeable Li-ion battery, offering up to 365 days standby time in non-WiFi mode.
- Multiple unlocking methods: Fingerprint, App Remote Control, Passcode, Voice Control, and Physical Keys.
- Easy DIY installation, suitable for most U.S. standard doors, reversible for left and right-handed doors.
- Complies with ANSI/BHMA Grade 3 security standards.
- Two-way audio communication via the integrated video doorbell.

What's in the Box

- 1 x MD121 Smart Deadbolt Lock (All Parts)
- 1 x 10000mAh Rechargeable Battery
- 2 x Spare Keys
- 1 x User Manual
- Screws Kit



Image: Anweller MD121 Smart Door Lock with its internal battery unit and a smartphone displaying the live camera feed.



Image: Visual representation of the five unlocking methods available for the Anweller MD121 Smart Door Lock.

SPECIFICATIONS

Model	MD121
Power Source	Battery Powered (10000mAh Li-ion)
Connectivity	Bluetooth, Wi-Fi
Controller Type	Amazon Alexa, Android, iOS
Video Capture Resolution	2K (1080p for recording)
Frame Rate	15 frames per second
Material	Aluminum, Zinc

Dimensions (L x W x H)	7.7 x 3 x 1.2 inches (195 x 76 x 31 mm)
Item Weight	2.8 Pounds
Water Resistance Level	IP54
Operating Temperature	-22°F to 158°F (-30°C to 70°C)
Security Standard	ANSI/BHMA Grade 3

INSTALLATION GUIDE

Door Compatibility

Ensure your door meets the following specifications for proper installation:

- **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)
- Compatible with single cylinder deadbolts. Not compatible with mortise locks.
- Reversible design supports both left-handed and right-handed doors.



Image: Detailed measurements for door compatibility and the physical dimensions of the Anweller MD121 lock components.

DIY Installation Steps

The Anweller MD121 is designed for easy DIY installation, typically requiring only a screwdriver and no drilling for standard door preparations. Refer to the included user manual for step-by-step visual instructions.

1. Prepare the door and frame according to the compatibility requirements.
2. Install the deadbolt latch into the door edge.
3. Mount the exterior assembly of the lock.
4. Install the interior mounting plate.
5. Connect the cable from the exterior assembly to the interior assembly.
6. Secure the interior assembly to the mounting plate.
7. Insert the battery and test the lock's basic functionality.

Image: Illustration of the simple DIY installation process for the Anweller MD121 Smart Door Lock.

INITIAL SETUP

App Connection

Download the Anweller app (or compatible smart home app like Tuya Smart or Smart Life) from your device's app store. Follow the in-app instructions to connect your smart lock to your home Wi-Fi network. No additional bridge is required.



Image: The Anweller app interface showing various control and monitoring options for the smart lock.

Fingerprint Registration

The lock features a self-learning AI chip for enhanced fingerprint recognition. Register up to 50 unique fingerprints through the mobile app. Place your finger on the sensor multiple times from different angles as prompted by the app for optimal accuracy.



Image: Demonstrates the fingerprint recognition feature, emphasizing its speed and precision.

Passcode Configuration

Set up to 50 custom passcodes via the app. The physical keypad allows entry even in cold or wet conditions. Utilize the anti-peeping passcode feature by entering random digits before and after your actual code to prevent unauthorized viewing.



Image: Shows the physical keypad and explains the anti-peeping passcode function.

Voice Control Integration

Integrate your Anweller MD121 with Amazon Alexa for hands-free voice control. Follow the instructions in the Alexa app to link your smart lock. This allows you to unlock your door using voice commands.



Image: Illustrates the convenience of unlocking the door using Alexa voice commands.

OPERATION

Unlocking Methods

- **Fingerprint:** Place your registered finger on the sensor.
- **App Remote Control:** Use the Anweller app to unlock the door from anywhere with Wi-Fi connectivity.
- **Passcode:** Enter your custom passcode on the keypad.
- **Voice Control:** Use compatible voice assistants like Amazon Alexa.
- **Physical Key:** Use the provided spare keys for manual unlocking.



Image: Shows the use of a physical key to unlock the smart door lock.

Video Doorbell and 2-Way Audio

The integrated 2K camera and video doorbell allow you to see and communicate with visitors at your door. When someone rings the doorbell, you will receive a notification on your smartphone, enabling two-way audio communication and remote unlocking.



Image: The smartphone app interface showing the live video feed and controls for the video doorbell function.



Image: Demonstrates the two-way audio feature, allowing communication with visitors and remote unlocking.

Automatic Locking and Passage Mode

- **Auto Lock:** Configure the lock to automatically lock after a set period (0-50 seconds) after being unlocked. This feature enhances security by ensuring the door is always locked.
- **Passage Mode:** Activate passage mode via the app to keep the door unlocked for extended periods, ideal for gatherings or when frequent entry/exit is needed.



Image: Illustrates the auto-lock feature, which automatically secures the door after a customizable delay.



Image: Depicts the passage mode, which keeps the door unlocked for convenience during social events.

Notifications and Log Records

- **Real-time Notifications:** Receive instant alerts on your phone for events such as unlocking, doorbell rings, and stay detection (if someone lingers at the door for more than 10 seconds).
- **Log Records:** Access a comprehensive history of lock activity, including who unlocked the door and when, directly

from the mobile app.



Image: A smartphone showing a low battery notification from the smart lock, indicating real-time alerts.



Image: The smartphone app displaying a log of recent lock activities, including fingerprint unlocks.

MAINTENANCE

Battery Management

The Anweller MD121 is powered by a 10000mAh rechargeable Li-ion battery. It provides up to 365 days of standby time in non-Wi-Fi mode. Battery life may vary based on usage frequency and environmental factors. Recharge the battery via the Type-C port; a full charge typically takes 3-4 hours.



Image: Illustrates the long-lasting rechargeable battery and its Type-C charging method.

Emergency Power

If the battery runs out, the lock will provide a low battery reminder at 10%. In case of complete power depletion, you can supply emergency power via the USB-C port using a power bank. Note that this port is for emergency power supply only and does not charge the battery.



Image: Demonstrates how to use the USB-C port for emergency power if the battery is depleted.

TROUBLESHOOTING

If you encounter issues with your Anweller MD121 Smart Door Lock, please refer to the following common problems and

solutions:

- **Lock not responding:** Check battery level. Ensure the battery is properly inserted and charged.
- **App connectivity issues:** Verify your Wi-Fi network is active and the lock is within range. Restart the app and the lock.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if the issue persists.
- **Keypad not working:** Check for physical obstructions or damage. Ensure the lock has power.
- **Deadbolt not extending/retracting fully:** Inspect the strike plate and door frame for alignment issues. Ensure no debris is obstructing the deadbolt mechanism.
- **Poor video quality:** Check your Wi-Fi signal strength. Ensure the camera lens is clean.

For more detailed troubleshooting or persistent issues, please contact customer support.

SAFETY INFORMATION

The Anweller MD121 Smart Door Lock is designed with safety in mind and complies with industry standards.

- **Security Standards:** The MD121 smart deadbolt lock complies with ANSI/BHMA Grade 3 safety standards, ensuring reliability and durability through extensive testing.
- **Weather Resistance:** With an IP54 international protection rating, the lock is designed to withstand various weather conditions, operating effectively in temperatures from -22°F to 158°F (-30°C to 70°C).
- **Data Security:** Your data is safeguarded by end-to-end encryption. Sensitive data such as fingerprints are stored locally on the device.



Image: Highlights the rigorous testing and security standards met by the Anweller MD121 Smart Door Lock.



Image: Demonstrates the lock's ability to function reliably in diverse weather conditions.

WARRANTY AND CUSTOMER SUPPORT

Anweller provides comprehensive support for your MD121 Smart Door Lock:

- **Warranty:** 18-month warranty from the date of purchase.
- **Free Replacement:** Available within 18 months for eligible issues.
- **Full Refund:** Available within 6 months for eligible issues.

- **Technical Support:** Free lifetime technical support with 24/7 response.

For any queries, assistance, or to claim warranty services, please contact Anweller customer support through the contact information provided in your product packaging or on the official Anweller website.



Image: Highlights Anweller's commitment to customer service, including warranty and support options.

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

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Email

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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.

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