

PHYSEN MMS-2-US-B

PHYSEN Keyless Entry Fingerprint Smart Deadbolt Door Lock

Model: MMS-2-US-B

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your PHYSEN Keyless Entry Fingerprint Smart Deadbolt Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Important Safety Information:

- Do not attempt to disassemble or repair the lock yourself. Contact customer support for assistance.
- Ensure all components are present and undamaged before installation.
- Keep mechanical keys in a secure location outside the property.
- Install batteries only after the lock is fully installed on the door.

2. PRODUCT OVERVIEW

The PHYSEN Smart Deadbolt offers multiple entry methods and enhanced security features for your home or office. It is designed for convenient and reliable access control.

Key Features:

- **Multiple Unlocking Methods:** Fingerprint, Passcode, Smartphone App (Bluetooth), and Mechanical Key.
- **Biometric Fingerprint Recognition:** Fast and accurate fingerprint identification (0.3 seconds, 99.9% recognition rate, 500 DPI resolution). Stores up to 100 fingerprints.
- **App Control:** Manage users, generate temporary codes, and monitor lock status via the Tuya App (Bluetooth connection within 2 meters).
- **Auto-Lock Function:** Automatically locks the door after a set period (5-100 seconds).
- **Anti-Peeping Password:** Enter random digits before or after your actual passcode to prevent unauthorized viewing.
- **Doorbell Function:** Integrated doorbell button on the keypad.
- **Low Battery Indicator:** Alerts when battery power is low, also viewable via the app.

- **Emergency Power:** Type-C port for temporary power supply if batteries are depleted.
- **IP54 Waterproof Rating:** Provides protection against dust and splashing water.

Package Contents:

- Smart Door Lock Assembly
- Mounting Hardware (screws, bolts)
- User Manual
- 2 Mechanical Keys

3. INSTALLATION GUIDE

This smart deadbolt is recommended for wooden doors and fits most US standard doors. It is not compatible with metal doors, rim cylinders, mortise locks, or integrated handle sets.

3.1 Pre-Installation Checks

Before beginning installation, verify your door dimensions:

- **Door Thickness:** 1-3/8" to 2" (35mm or 50mm)
- **Door Hole Diameter:** 2-1/8" (54mm)
- **Backset:** 2-3/8" or 2-3/4" (60mm or 70mm) - adjustable
- **Latch Hole Diameter:** 1" (25mm)

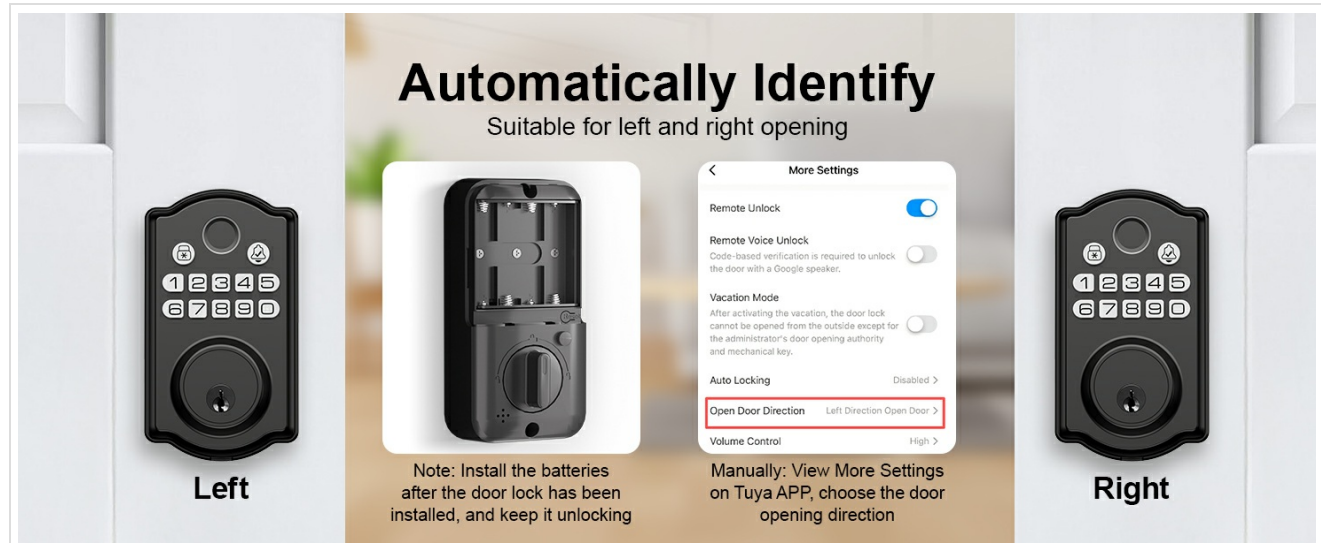


Image: Door Measurement Guide. This diagram illustrates the necessary door dimensions and hole requirements for proper installation, including door thickness, backset, and latch hole size. It also shows compatible and incompatible door lock types.

3.2 Step-by-Step Installation

Install the smart deadbolt using a screwdriver. Follow the instructions provided in the included setup assembly kits. Ensure the deadbolt is installed correctly before inserting batteries.

Note: Install the batteries **after** the keyless door lock has been installed. If the deadbolt lock cannot be locked or unlocked after installation, try resetting the door lock and connecting the app to change the left and right door opening direction.

3.3 App Connection and Initial Setup

After physical installation, connect the lock to the Tuya App for full functionality and configuration.

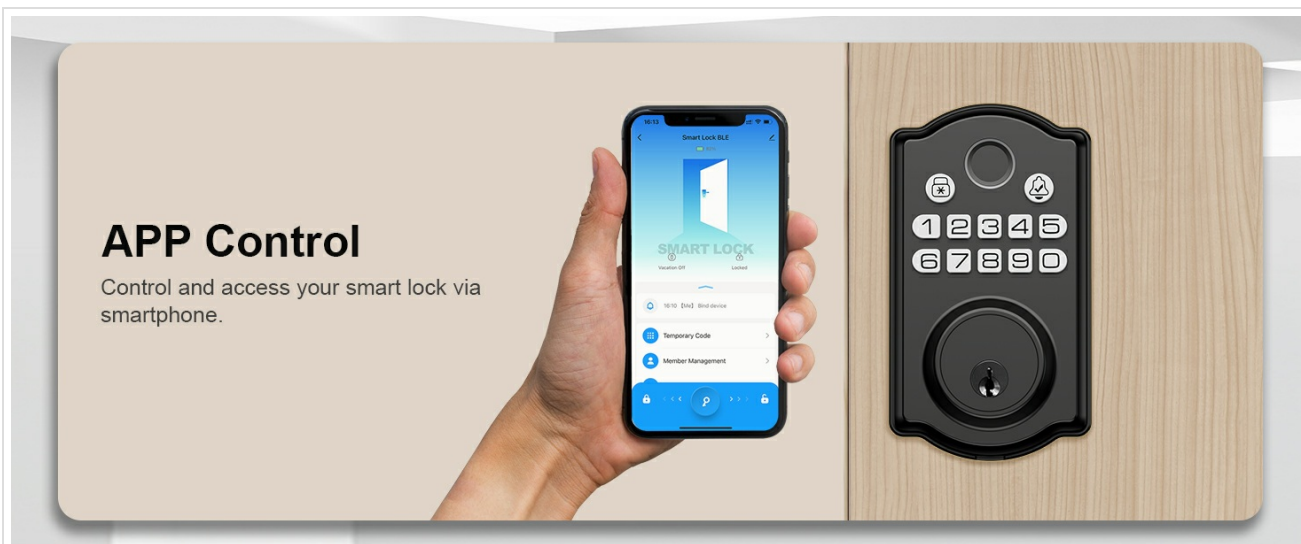


Image: App Connection Steps. This image displays a step-by-step guide for connecting the smart lock to the mobile application, including battery installation, device search, and successful connection confirmation.

1. **Step 1:** Install the batteries after the door lock has been installed, and keep it unlocking.
2. **Step 2:** Add Device, but cannot search the door locks more than 10s.
3. **Step 3:** Return to Home, Click Device Management.
4. **Step 4:** Delete the existing Bluetooth lock.
5. **Step 5:** Again add Device, Auto searching the lock and connecting it. (Or add manually "Lock BLE")
6. **Step 6:** Connection successful. Test locking and unlocking.
7. **Step 7:** If the door lock is not working, please check "More Settings" and change the door opening direction.

4. OPERATING INSTRUCTIONS

The PHYSEN Smart Deadbolt offers multiple convenient ways to secure and access your property.

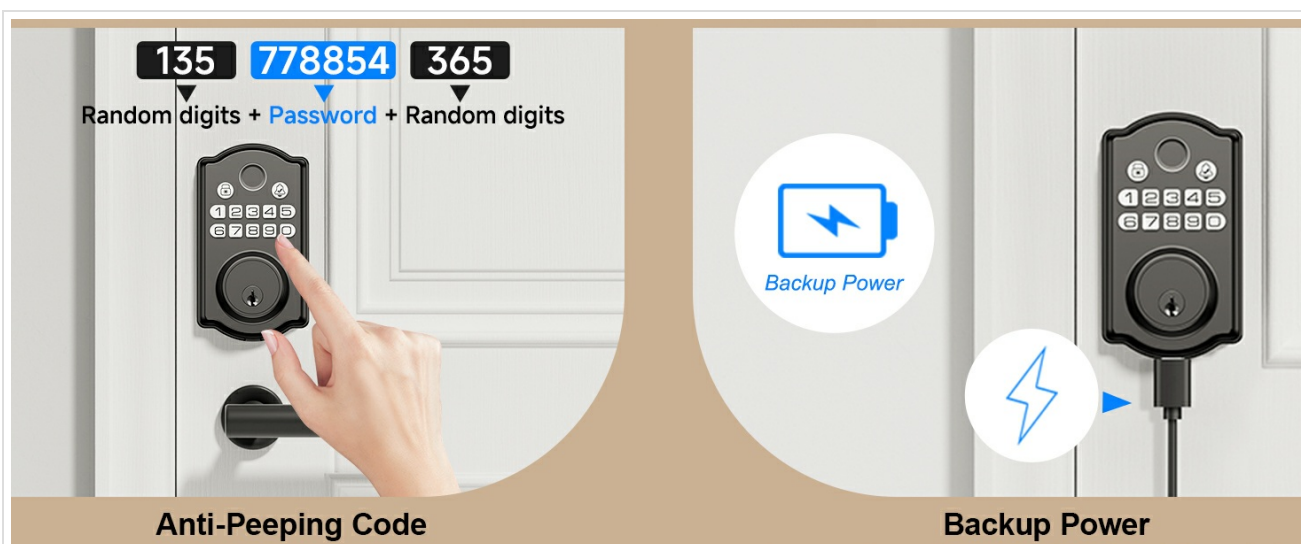


Image: Multiple Ways to Unlock. This image illustrates the various methods available for unlocking the smart deadbolt, including smartphone app control, fingerprint recognition, keypad password entry, and traditional physical keys.

4.1 Unlocking with Fingerprint

Place your registered finger on the fingerprint sensor. The lock will unlock within 0.3 seconds if the fingerprint is recognized.

Electronic Keypad Lock

Set passcode for family, guests or other people. Set different types of passwords as required.



Image: Fingerprint Unlocking. This image focuses on the fingerprint sensor, detailing its 0.3-second biometric identification speed, 500 DPI resolution, and 99.99% recognition rate for quick and secure access.

4.2 Unlocking with Passcode

Enter your registered passcode on the keypad. You can also use the anti-peeping function by entering random digits before or after your actual code.

Fingerprint Door Lock

Recognizes your fingerprint in 0.3 seconds and unlocks in 1 second.



Image: One-time Password and Keypad Entry. This image illustrates the use of one-time passwords generated via the app and how to enter them on the lock's keypad for temporary access.

4.3 Unlocking with Smartphone App (Bluetooth)

Within 2 meters of the lock, open the Tuya App on your smartphone. You can unlock the door directly from the app interface.

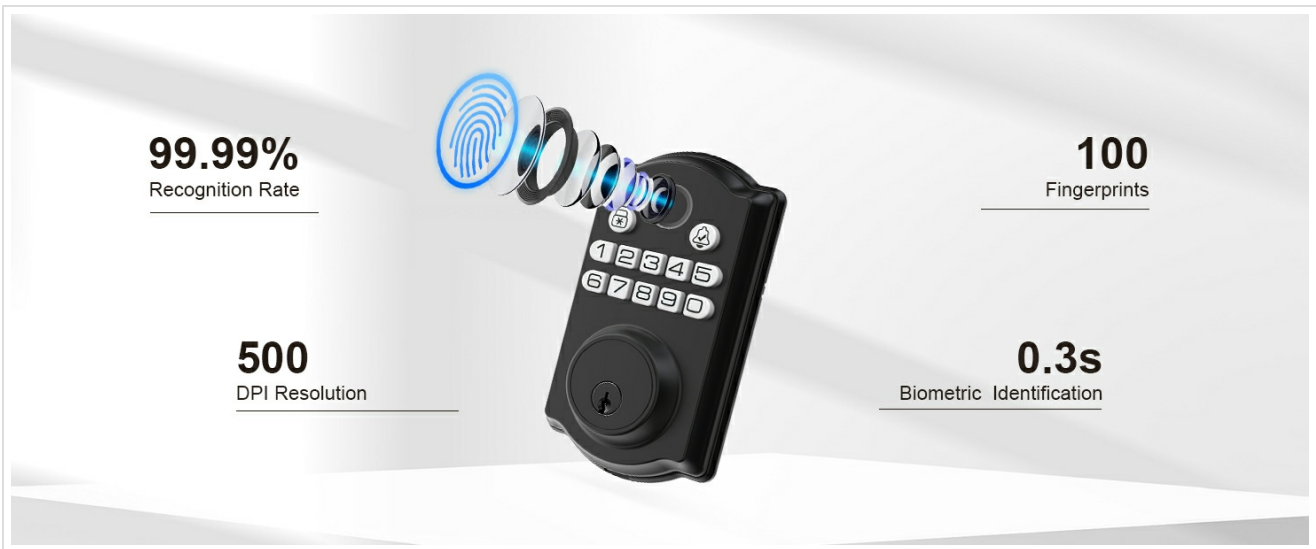


Image: App Control. This image displays the smart lock on a door with a smartphone showing the associated app, demonstrating how to control and access the lock via Bluetooth.

4.4 Unlocking with Mechanical Key

In case of emergency or battery depletion, use the provided mechanical keys to unlock the deadbolt manually.

4.5 Auto-Lock Function

The lock can be configured to automatically lock after a specified duration (5-100 seconds) once unlocked. This feature can be set via the Tuya App.



Image: Auto-Lock Feature. This image depicts a user entering a home, highlighting the convenience of the auto-lock function which can be set to engage automatically after 5-100 seconds.

4.6 Doorbell Function

Press the doorbell icon on the keypad to activate the integrated doorbell chime.



Image: Doorbell Button. This image shows a finger pressing the doorbell icon on the smart lock's keypad, indicating its integrated doorbell functionality.

5. MAINTENANCE

5.1 Battery Replacement

The lock is powered by 4 AAA alkaline batteries (not included). When the low battery indicator activates (visible on the lock and via the app), replace all four batteries promptly. The lock also features a Type-C emergency power port for temporary power if batteries are fully depleted.

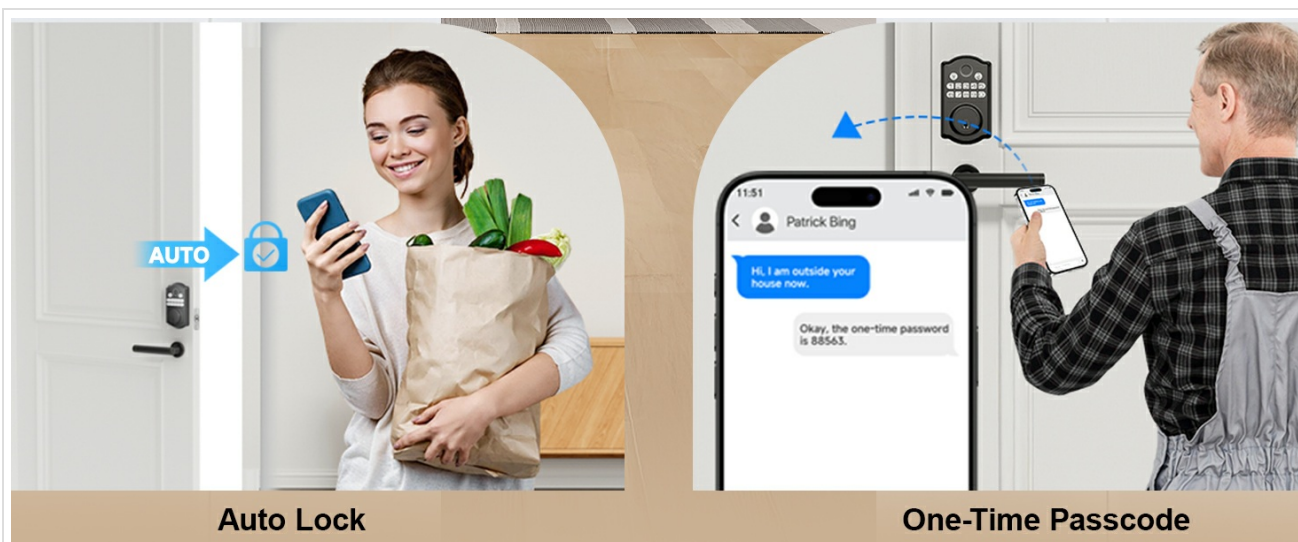


Image: Low Battery Indicator. This image highlights the low battery indicator feature on the smart lock, reminding users to replace batteries when necessary. It also mentions an approximate 12-month battery life.

5.2 Cleaning

Clean the lock's exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

6. TROUBLESHOOTING

- **Lock not responding:** Check battery level. Replace batteries if low. Use the Type-C emergency power port if needed.

- **Lock not locking/unlocking after installation:** Ensure batteries are installed correctly. Reset the lock and use the Tuya App to verify and adjust the door opening direction (left or right). Refer to Step 7 in Section 3.3.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Re-register your fingerprint if issues persist.
- **App connection issues:** Ensure Bluetooth is enabled on your phone and you are within 2 meters of the lock. Try restarting the app or your phone.
- **Keypad not responding:** Check for low battery. Ensure no debris is obstructing the buttons.



Image: Door Opening Direction Adjustment. This image demonstrates how to manually adjust the door opening direction (left or right) within the Tuya App settings, a common troubleshooting step for lock functionality.

7. SPECIFICATIONS

Brand	PHYSEN
Model Name	Smart Door Lock (MMS-2-US-B)
Lock Type	Biometric Deadbolt
Material	Aluminum
Color	Black (Matte Black Finish)
Item Dimensions (L x W x H)	5.3 x 3.5 x 7.3 inches
Item Weight	1.87 pounds
Power Source	4 x AAA Batteries (not included)
Connectivity Protocol	Bluetooth (App Control)
Special Features	Anti-Peeping Password, Auto-Lock, Back-Lit Keypad, Fingerprint, One-Touch Lock, Doorbell Function, Low Battery Indicator, Type-C Emergency Power

Water Resistance	IP54
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Image: IP54 Water Resistance. This image highlights the lock's IP54 water-resistance rating, indicating its suitability for outdoor use within specified temperature ranges (129°F/55°C to -14°F/-10°C).

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official PHYSEN website. Keep your purchase receipt for warranty claims.

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

Answered questions about this manual

How do I program the auto-lock feature on the PHYSEN MMS-1-US-B or MMS-2-US-B smart lock without using the app?

Based on the documentation for the PHYSEN Smart Deadbolt (Model MMS-2-US-B), the auto-lock feature is primarily managed through the Tuya App. The manual specifies that the lock can be configured to automatically lock after...

[Read full answer](#)