MOUSETRO ZN-S01

MOUSETRO Smart Lock (Model ZN-S01) Instruction Manual

Your comprehensive guide to installation, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, and operation of your MOUSETRO Smart Lock, Model ZN-S01. This 4-in-1 keyless entry door lock offers multiple access methods including passcode, app control, IC key fob, and a traditional mechanical key, designed to enhance the security and convenience of your home or office.

2. SAFETY INFORMATION

- Read all instructions carefully before installation and use.

- Do not attempt to disassemble or modify the lock. This may void the warranty and compromise security.

- Use only 4 AA alkaline batteries. Do not mix old and new batteries or different types of batteries.

- Keep mechanical keys in a secure location outside the property to prevent lockout in case of electronic failure or dead batteries.

- Ensure the door is properly aligned and closes smoothly before installing the lock to prevent operational issues.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Smart Door Lock Panels (Front and Rear)

- Lock Body & Accessories

- Fobs & Keys (IC Key Fobs and Mechanical Keys)

- Hole Drawing & Manual

- Batteries (4 AA Alkaline)

4. PRODUCT OVERVIEW

The MOUSETRO Smart Lock ZN-S01 consists of an exterior keypad assembly and an interior battery/thumb-turn assembly, along with the deadbolt mechanism.
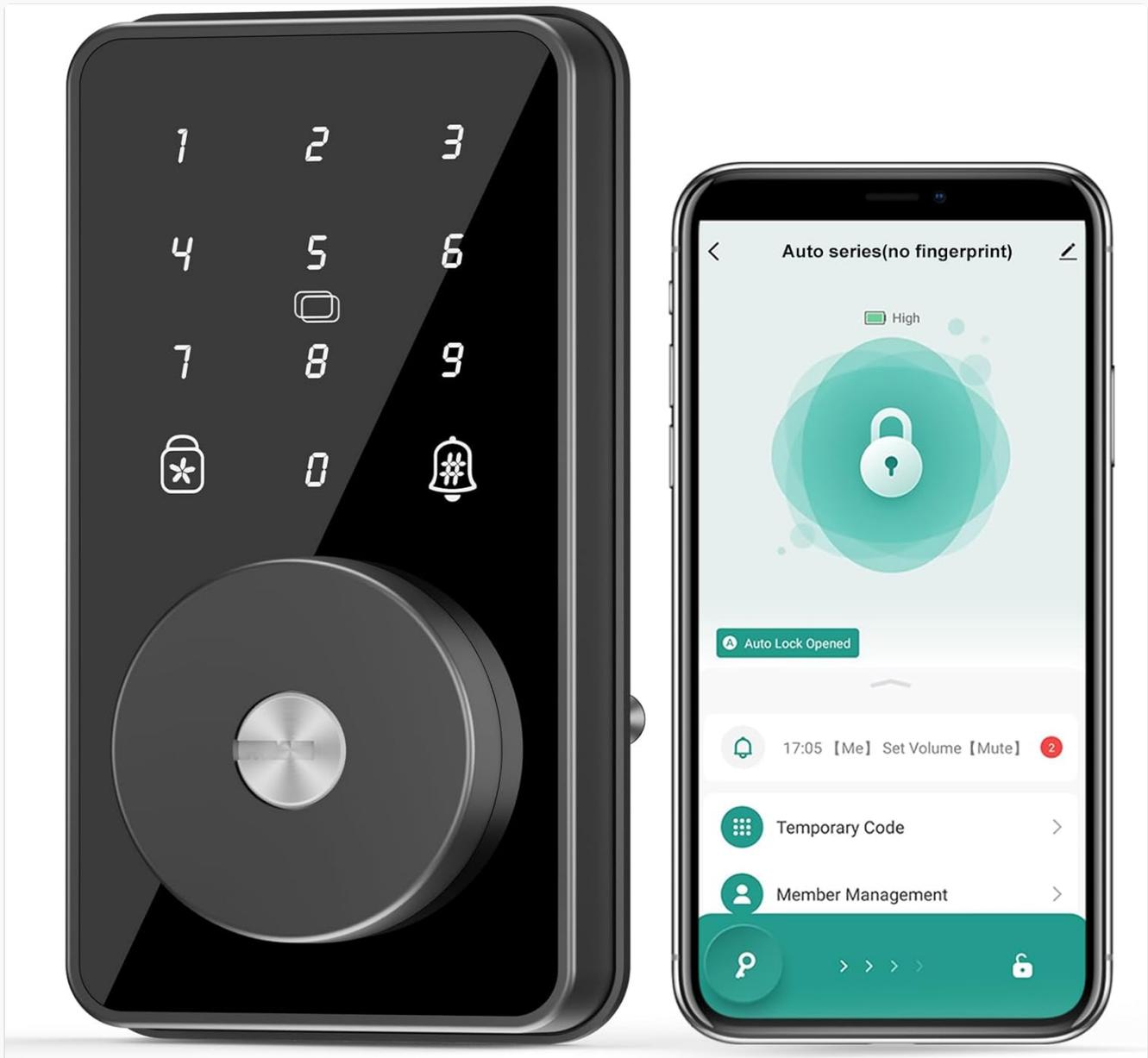

Image: Front view of the MOUSETRO Smart Lock ZN-S01 and its corresponding mobile application interface.

Key Features:

- **Multiple Access Methods:** Passcode, App, IC Key Fob, Mechanical Key.
- **Intelligent Management:** Supports up to 250 access codes, generates one-time and permanent codes, and tracks unlock records via the app.
- **Enhanced Security:** Features auto-lock (1-180 seconds), one-touch locking, privacy mode, passage mode, anti-peeping, and anti-hacking touchscreen keypad.
- **Long Battery Life:** Operates for approximately 6 months to a year on 4 AA batteries (8000 openings).
- **Emergency Power:** Equipped with a Type-C emergency port for backup power if batteries are depleted.

5. Setup and Installation

The MOUSETRO Smart Lock is designed for easy DIY installation, typically requiring only a screwdriver. No additional drilling is needed for standard door preparations.

Door Compatibility:

- Fits doors between 1.38 inches (35mm) and 1.97 inches (50mm) thick.
- Suitable for both left-handed and right-handed doors. The lock direction can be adjusted in the app after installation.

Suitable For USA Standard Doors
Suitable For Both Left-handed and Right-handed Doors

2.36 / 2.76 inch
2.26 inch
2.17 inch
1.02 inch

Left Handed Door

Right Handed Door

2.5 inch
5 inch
1 inch
1.33 inch
2.5 inch
1.38–1.97 inch

Image: Diagram illustrating compatible door dimensions and lock component measurements.

Installation Steps:

1. **Prepare the Door:** Ensure your door has a standard deadbolt preparation. Remove any existing deadbolt hardware.
2. **Install the Latch:** Insert the deadbolt latch into the door edge. Ensure the latch bolt is facing the correct direction for your door swing.

3. **Install the Exterior Assembly:** Place the exterior keypad assembly onto the door, aligning the spindle through the latch mechanism.

4. **Install the Interior Assembly:** Connect the cable from the exterior assembly to the interior assembly. Secure the interior assembly to the door using the provided screws.

5. **Install Batteries:** Insert 4 AA alkaline batteries into the battery compartment of the interior assembly.

6. **Test Operation:** Manually test the lock with a mechanical key and the thumb-turn to ensure smooth operation.

7. **Set Door Handing:** After initial power-up, the lock will prompt you to set the door handing (left or right). Follow the instructions in the app or on the lock.
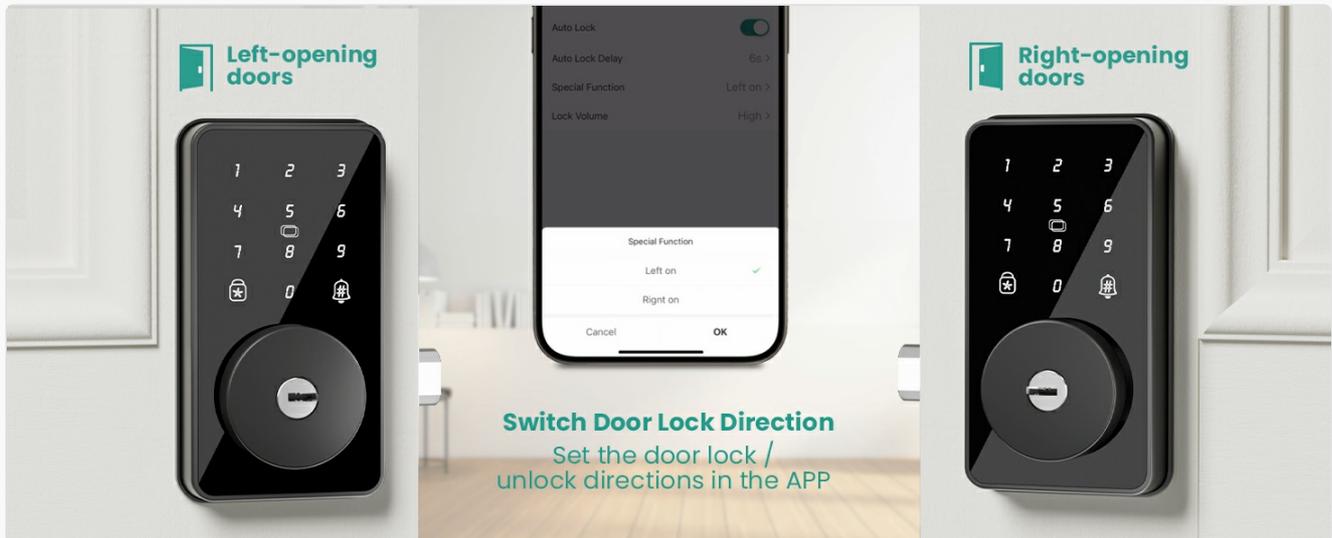

Image: Visual guide for adjusting the door lock direction for both left-opening and right-opening doors via the mobile application settings.

6. OPERATING INSTRUCTIONS

6.1 Unlocking Methods

Multiple Ways To Access

Image: Illustration of the four primary methods to unlock the MOUSETRO Smart Lock: using the mobile app, entering a passcode on the keypad, scanning an IC key fob, or using a traditional mechanical key.

A. Passcode Entry

- Touch the keypad to activate.

- Enter your 6-8 digit passcode followed by the '#' key.

- The lock will unlock with an audible confirmation.

- **Anti-Peeping Function:** You can enter random digits before or after your actual passcode to prevent others from guessing your code. For example, XXX + Passcode + XXX + #.
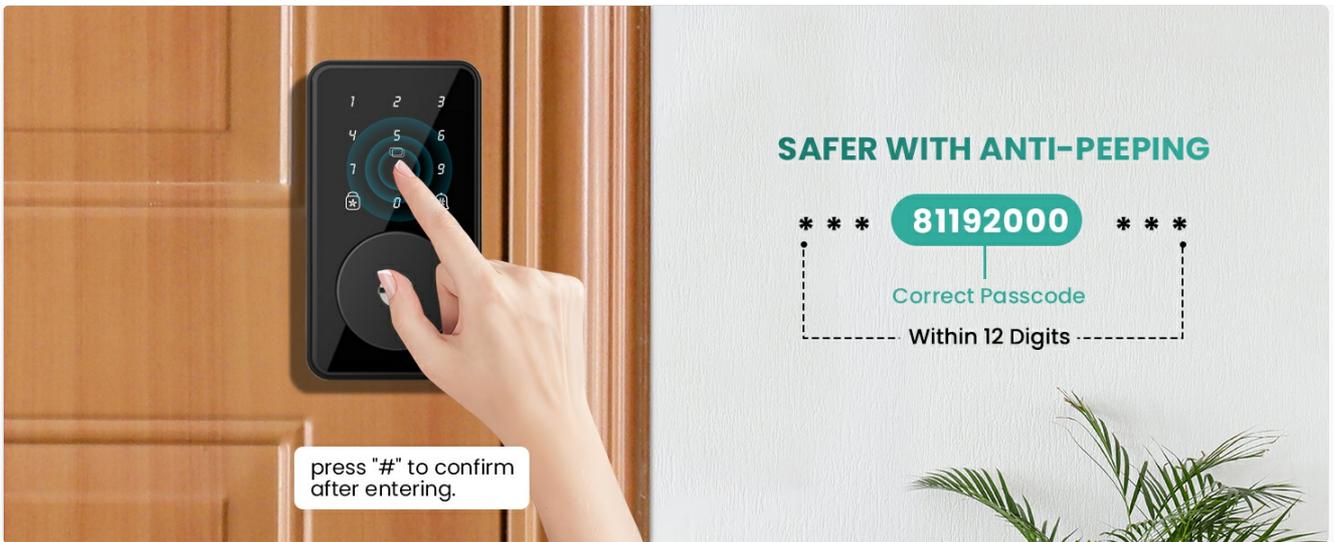
Image: A hand entering a passcode on the smart lock keypad, demonstrating the anti-peeping feature where extra digits can be added before or after the correct code.

B. App Control (Bluetooth)

- Download the designated smart lock application (e.g., Tuya Smart or Smart Life) from your app store.
- Follow the in-app instructions to pair your smartphone with the lock via Bluetooth.
- Within Bluetooth range, you can unlock the door directly from the app interface.
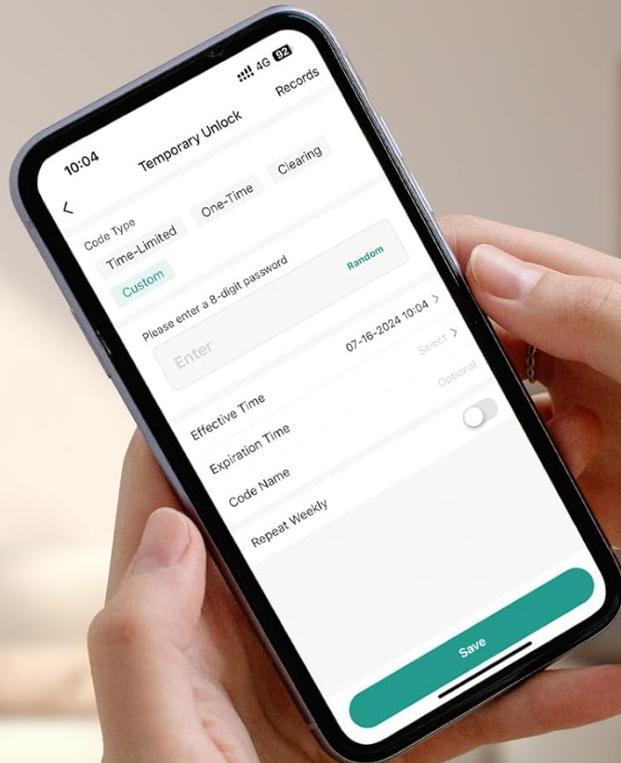- The app allows for user management, code generation, and viewing unlock records.

Image: A smartphone screen showing the smart lock application, highlighting options for temporary unlock codes and member management.

C. IC Key Fob

- Present the registered IC key fob to the designated sensor area on the lock's keypad.
- The lock will unlock automatically.

D. Mechanical Key

- Insert the mechanical key into the keyhole located on the exterior assembly.
- Turn the key to unlock the deadbolt. This method is for emergency access or when batteries are depleted.

6.2 Locking Methods

A. Auto-Lock

- The lock can be configured to automatically lock after a set period (1-180 seconds) once the door is closed.
- Adjust the auto-lock delay setting within the mobile application.

B. One-Touch Locking

- Press and hold the '#' key on the keypad for 2 seconds to manually lock the door from the outside.

Image: A woman demonstrating the convenience of the smart lock's auto-lock and one-touch locking features.

C. Privacy Mode

- Activate privacy mode from the interior assembly or via the app. This prevents unlocking from the outside using passcodes or key fobs, enhancing indoor security.

D. Passage Mode

- Enable passage mode via the app. In this mode, the lock will remain in an unlocked state until it is manually locked, suitable for high-traffic periods.

Passage Mode

Enable passage mode in the app , and the lock will remain in an unlocked state until it is manually locked
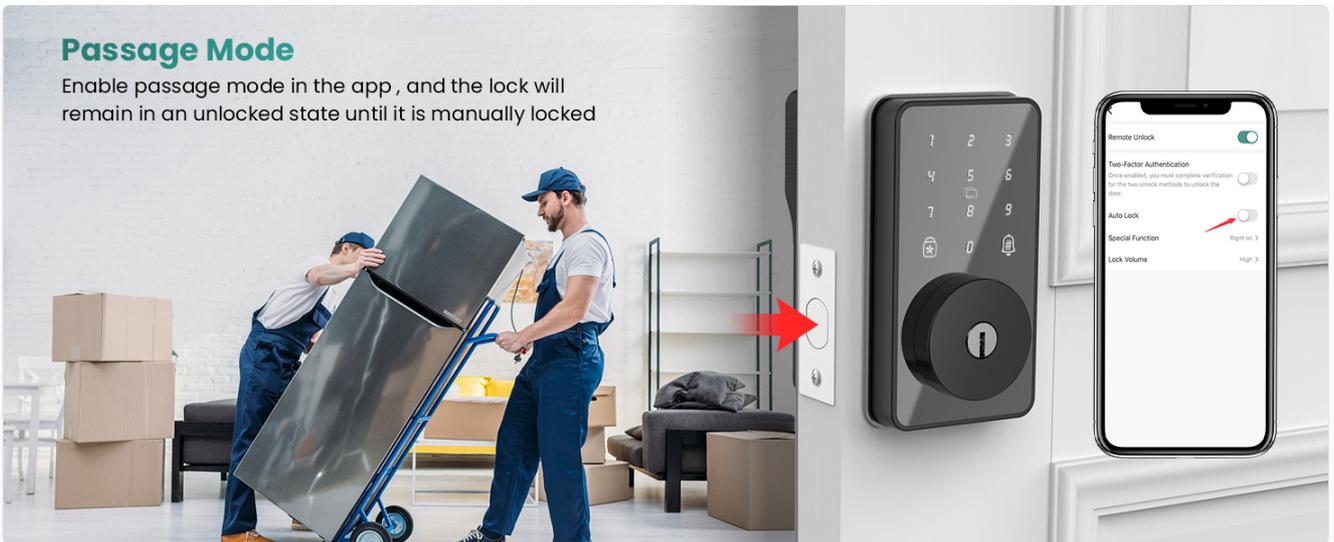
Image: Two individuals moving a large item through a doorway, illustrating the utility of passage mode where the smart lock remains unlocked.

6.3 Advanced Features

A. Remote Control / Wi-Fi Access (Gateway Required)

- To enable remote lock/unlock functionality and remote code setup from anywhere, a MOUSETRO Wi-Fi Gateway (sold separately) is required.
- Pair the smart lock with the gateway, and connect the gateway to your home Wi-Fi network.

Double Locking Mode

Activate double locking mode for enhanced indoor safety during sleep. Restrict door access to mechanical keys, admin passcode, and admin APP only.

Image: A man on a phone call remotely generating a one-time passcode for a visitor at his smart-locked door, demonstrating remote access capabilities with a Wi-Fi gateway.

B. User Management

- The app allows you to add, modify, or delete user access codes and IC key fobs.
- Generate one-time, timed, or permanent passcodes for guests, service providers, or family members.

Image: A delivery person receiving a one-time passcode on their phone, enabling temporary access to a smart-locked property.

7. MAINTENANCE

7.1 Battery Replacement

- The lock will provide a low battery alert when power is running low.

- Replace all 4 AA alkaline batteries promptly to ensure continuous operation.

- To replace, remove the battery cover on the interior assembly, replace old batteries with new ones, and reattach the cover.

Image: The smart lock displaying a low battery warning (15%) and highlighting the Type-C emergency port for temporary power supply.

7.2 Cleaning

- Wipe the lock's surface with a soft, damp cloth.

- Avoid using abrasive cleaners or solvents, which can damage the finish and electronic components.

8. TROUBLESHOOTING

- **App cannot find or connect to the lock:**Reset the lock and attempt pairing again. Ensure Bluetooth is enabled on your device and you are within range.

- **Lock not responding:** Check battery levels. If batteries are depleted, use the mechanical key or connect a power bank to the Type-C emergency port for temporary power.

- **Incorrect password attempts:** After 5 incorrect password attempts, the keypad will be locked for 90 seconds as an automatic security measure. Wait for the lockout period to expire before trying again.
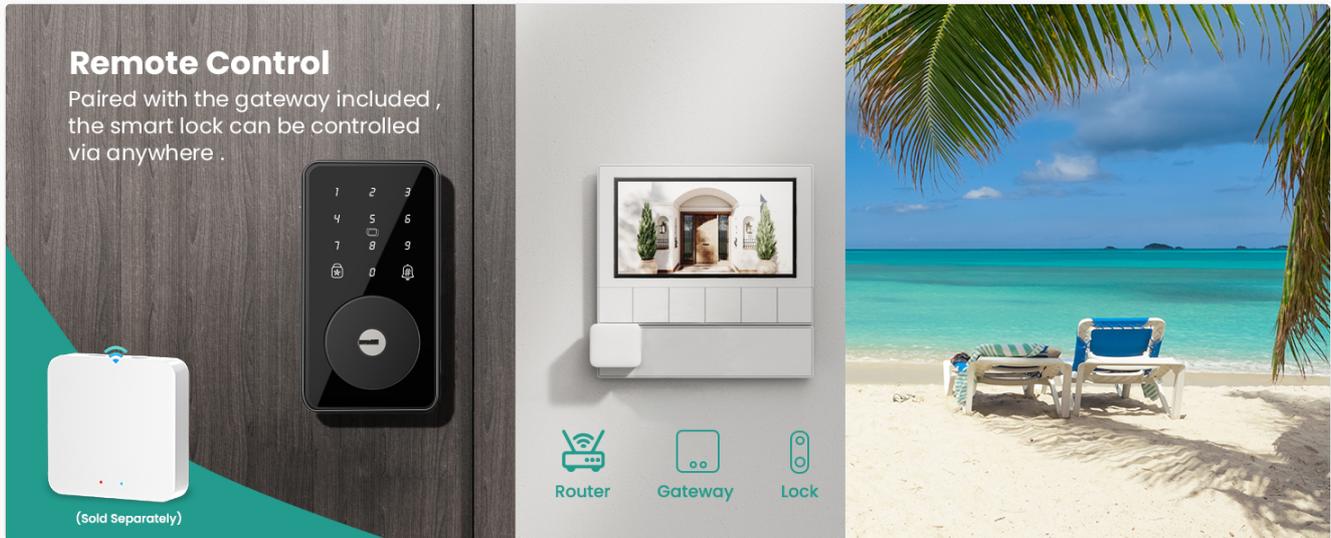

Image: Visual representation of the automatic locking protection feature, which activates after five consecutive incorrect password entries.

Resetting the Lock:

If persistent issues occur, a factory reset may be necessary. Refer to the detailed instructions in the included 'Hole Drawing & Manual' for the specific reset procedure for your model. Resetting the lock will clear all cached information, including user codes and settings.

Image: A user performing a reset on the smart lock using a small pin tool, which clears all stored data.

9. SPECIFICATIONS

Feature	Detail
Brand	MOUSETRO
Model Name	ZN-S01

Lock Type	Combination Lock, Deadbolt, Keypad
Special Features	Anti-Peeping Password, Auto-Lock, Fob Unlock, One-Touch Lock, Passcode Unlock
Material	Aluminum, Metal
Color	Pitch-black
Item Dimensions (L x W x H)	2.5 x 2.33 x 5 inches
Item Weight	1.85 pounds (0.84 Kilograms)
Connectivity Protocol	Bluetooth
Control Method	App, Touch
Controller Type	Android (and iOS compatible via app)
Batteries Required	Yes, 4 AA Alkaline
UPC	717020262928

10. Warranty and Support

Warranty Information:

- The MOUSETRO Smart Lock comes with a 1-year product warranty from the date of purchase.
- A 30-day money-back guarantee is also provided.

After-Sales Support:

- MOUSETRO offers lifetime after-sales support for this product.
- For technical assistance, troubleshooting, or warranty claims, please contact MOUSETRO customer service through the contact information provided with your purchase or on the official MOUSETRO website.
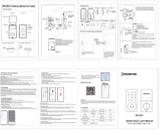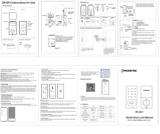
Optional Protection Plans:

Extended protection plans may be available for purchase separately:

- 3-Year Protection Plan
- 4-Year Protection Plan
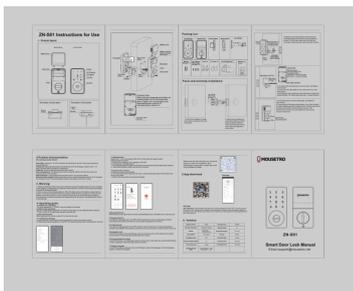- Complete Protect (monthly billing option)

Please refer to the specific terms and conditions of these protection plans for full details.

Related Documents - ZN-S01

	[Mousetro ZN-S01 Smart Door Lock Manual](#) Instructions for use, product characteristics, warnings, operating guide, app download, and technical specifications for the Mousetro ZN-S01 Smart Door Lock.
	[Mousetro ZN-S05 Smart Door Lock User Manual and Installation Guide](#) Comprehensive guide for the Mousetro ZN-S05 Smart Door Lock, covering installation, features, technical specifications, and app usage for keyless entry and enhanced home security.
	[MOUSETRO Smart Door Lock ZN-S03 User Manual and Features](#) Comprehensive guide for the MOUSETRO Smart Door Lock ZN-S03, covering product layout, features, installation, technical specifications, and app usage. Learn how to install and operate your keyless entry smart lock.
	[Mousetro ZN-S01 Smart Door Lock Manual](#) Instructions for use, product characteristics, warnings, operating guide, app download, and technical specifications for the Mousetro ZN-S01 Smart Door Lock.
	[Mousetro ZN-S05 Smart Door Lock User Manual and Installation Guide](#) Comprehensive guide for the Mousetro ZN-S05 Smart Door Lock, covering installation, features, technical specifications, and app usage for keyless entry and enhanced home security.
	[MOUSETRO Smart Door Lock ZN-S03 User Manual and Features](#) Comprehensive guide for the MOUSETRO Smart Door Lock ZN-S03, covering product layout, features, installation, technical specifications, and app usage. Learn how to install and operate your keyless entry smart lock.

Documents - MOUSETRO – ZN-S01

[Mousetro ZN-S01 Smart Door Lock Manual](#)
Instructions for use, product characteristics, warnings, operating guide, app download, and technical specifications for the Mousetro ZN-S01 Smart Door Lock.
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