

## NUTOMO US-Y2-BSHS-NUT

# NUTOMO Smart Lock User Manual

Model: US-Y2-BSHS-NUT

## 1. PRODUCT OVERVIEW

The NUTOMO Smart Lock is a keyless entry door lock system designed for enhanced home security and convenience. It integrates multiple access methods including fingerprint recognition, digital keypad passcodes, and IC cards, alongside traditional physical keys. This lock is engineered for durability and ease of use, providing a reliable security solution without requiring an app or Wi-Fi connection.

### Key Features:

- **Multiple Entry Options:** Supports up to 100 fingerprints, 150 passcodes, and includes 2 IC cards and 2 physical keys for versatile access.
- **Enhanced Durability:** Constructed with high-quality aluminum alloy, designed to resist common issues such as motor failures and handle breakage.
- **Advanced Security Cylinder:** Features an upgraded lock cylinder with anti-violent unlocking, foreign object prevention, and anti-picking mechanisms.
- **Rapid Fingerprint Recognition:** Unlocks in approximately 1 second with a recognition speed of 0.3 seconds.
- **Long Battery Life:** Powered by 4 AA batteries (not included) providing up to 8 months of operation, with a low battery warning system.
- **Backlit Touch Keypad:** Ensures clear visibility and accurate entry in low-light conditions, featuring anti-peeping and password protection settings.
- **Easy Installation:** Designed for quick installation, typically within 15 minutes, fitting most US standard doors with adjustable design for existing holes.



Image 1.1: Complete set of NUTOMO Smart Lock components, including the exterior handle, interior deadbolt, keypad, and accompanying keys and IC cards.

**Upgraded anti-pick lock cylinder-give your family the best protection!**

A detailed cutaway illustration of a lock cylinder mechanism. The internal components, including the plug, pins, and wafers, are highlighted with a blue glow. The mechanism is shown in a cross-section, revealing the intricate internal structure of the lock cylinder.

Image 1.2: Detailed view of the upgraded anti-pick lock cylinder, illustrating its internal mechanisms designed for enhanced security against forced entry and lock picking.

## 2. PRODUCT COMPONENTS

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Before beginning installation, please verify that all components listed below are present in your package:

- Exterior Lock Assembly (Keypad with Handle)
- Interior Lock Assembly (Battery Cover and Thumb Turn)
- Latch/Deadbolt Mechanism
- Mounting Plate
- Strike Plate and Dust Box
- Screws (various sizes for different components)
- 2 x Physical Keys
- 2 x IC Cards
- User Manual
- Installation Template

## 3. INSTALLATION GUIDE

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Follow these steps carefully to install your NUTOMO Smart Lock. A Phillips head screwdriver is typically the only tool required.

### 3.1. Pre-Installation Checks

Ensure your door dimensions are compatible with the lock. The lock fits doors between 1-3/8" (35mm) and 2.17" (55mm) thick. Verify the backset (distance from door edge to center of bore hole) is either 2-3/8" (60mm) or 2-3/4" (70mm).

# Check the Door Size Before Purchase

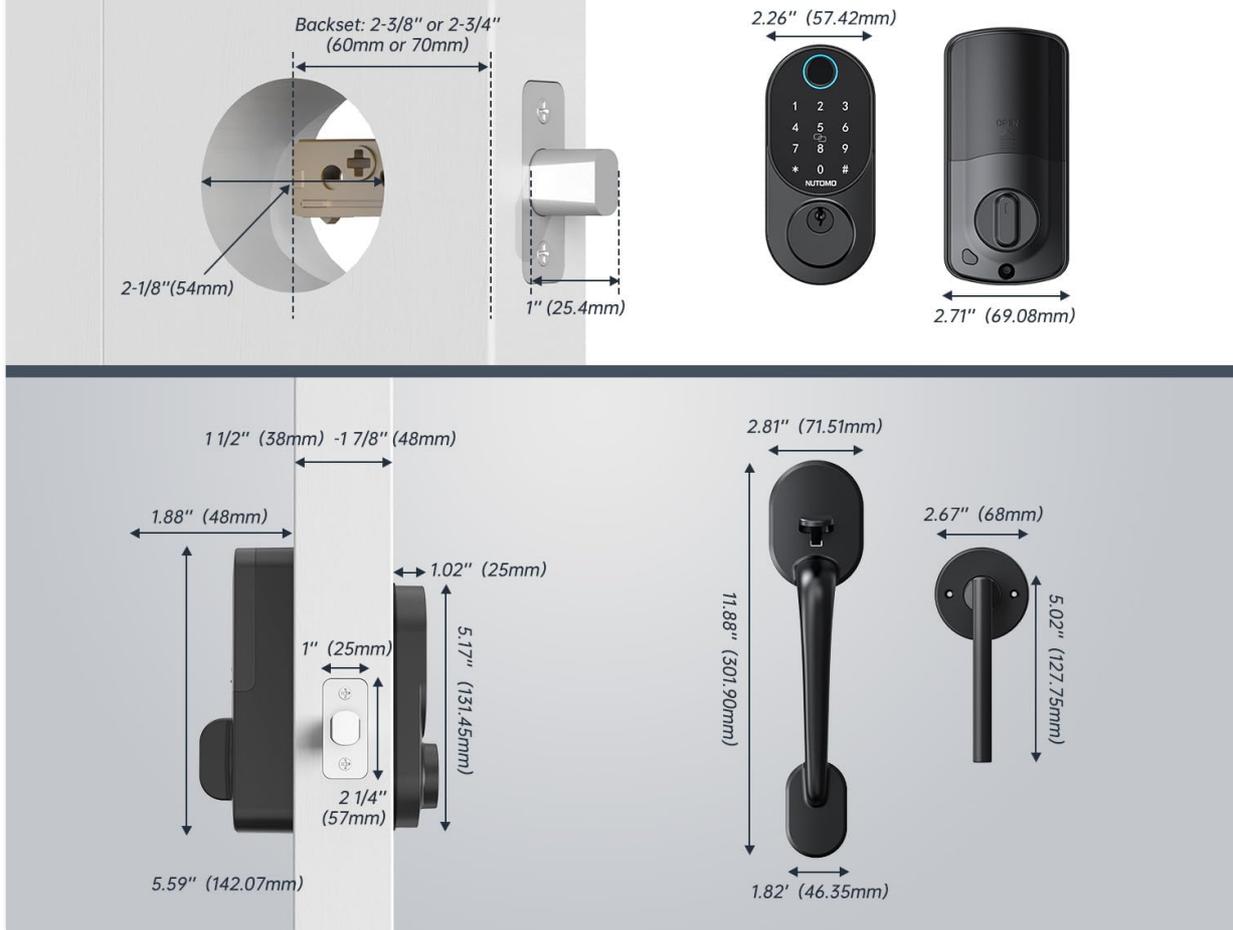


Image 3.1: Diagram illustrating critical door measurements (thickness, backset, bore hole diameter) and corresponding lock dimensions to ensure compatibility before installation.

## 3.2. Step-by-Step Installation

Refer to the provided installation template for accurate drilling if necessary. For existing doors, align components with pre-drilled holes.

- Step 1: Install the Bolt.** Insert the deadbolt latch into the door edge. Ensure the latch bolt is oriented correctly for your door's swing.
- Step 2: Install the Keypad.** Feed the cable from the exterior keypad through the bore hole. Position the keypad assembly on the exterior side of the door.
- Step 3: Install the Mounting Plate.** Secure the interior mounting plate to the exterior keypad assembly using the provided screws, ensuring the cable passes through the plate.
- Step 4: Connect the Cable.** Connect the cable from the exterior keypad to the interior lock assembly.
- Step 5: Install the Back Lock.** Attach the interior lock assembly to the mounting plate, aligning it properly with the deadbolt mechanism.
- Step 6: Install Batteries and Cover.** Insert 4 AA batteries (not included) into the battery compartment of the interior assembly. Secure the battery cover.

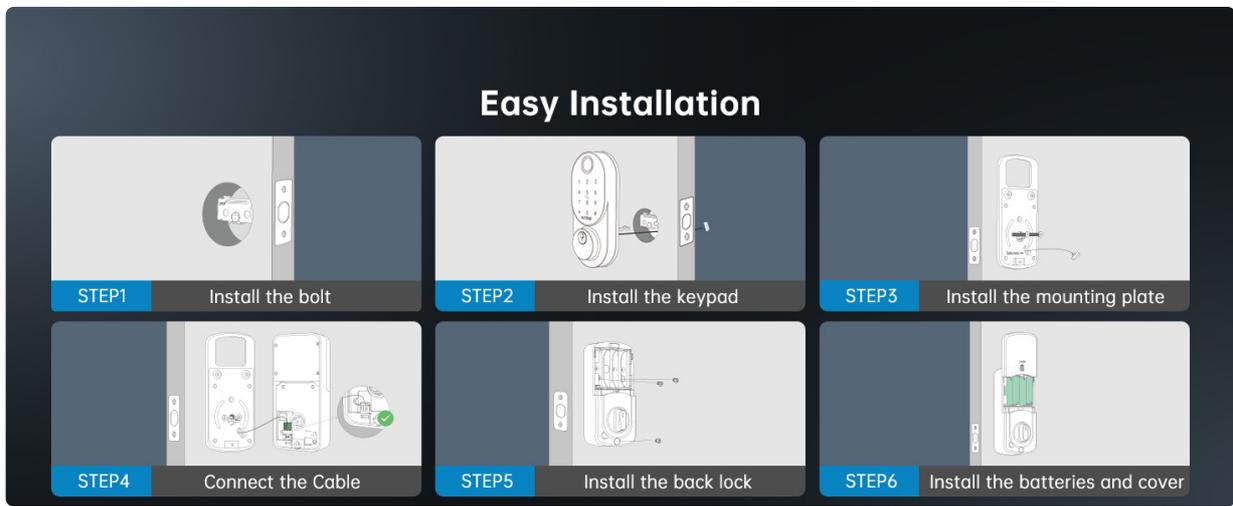


Image 3.2: A visual guide detailing the six primary steps for installing the NUTOMO Smart Lock, from bolt insertion to battery installation.

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Video 3.1: Official installation video for the NUTOMO Smart Lock, demonstrating the complete setup process from start to finish.

## 4. OPERATION

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

### 4.1. Adding/Managing Fingerprints

The lock supports up to 100 unique fingerprints. Follow the instructions in the quick start guide (usually included with the lock) to enroll new fingerprints. Ensure your finger covers the entire sensor for accurate recognition.

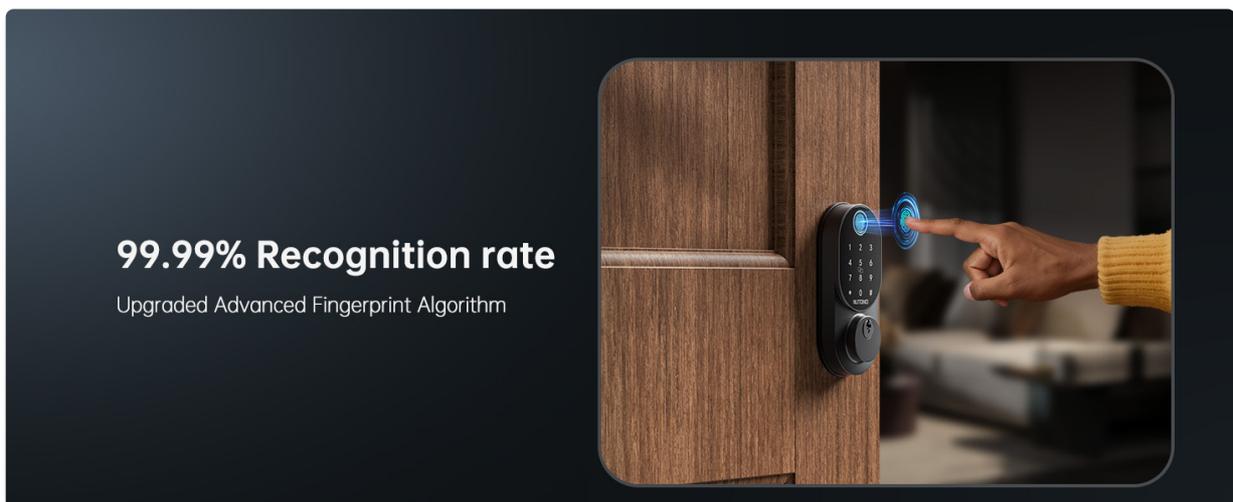


Image 4.1: A user interacting with the smart lock's fingerprint sensor, demonstrating the biometric recognition feature for quick access.

### 4.2. Adding/Managing Passcodes

You can store up to 150 passcodes. When entering a passcode, the anti-peeping feature allows you to input random digits before or after your actual code to prevent others from guessing it. For example, if your code is 123456, you can enter \*\*\*\*123456\*\*\*\*.

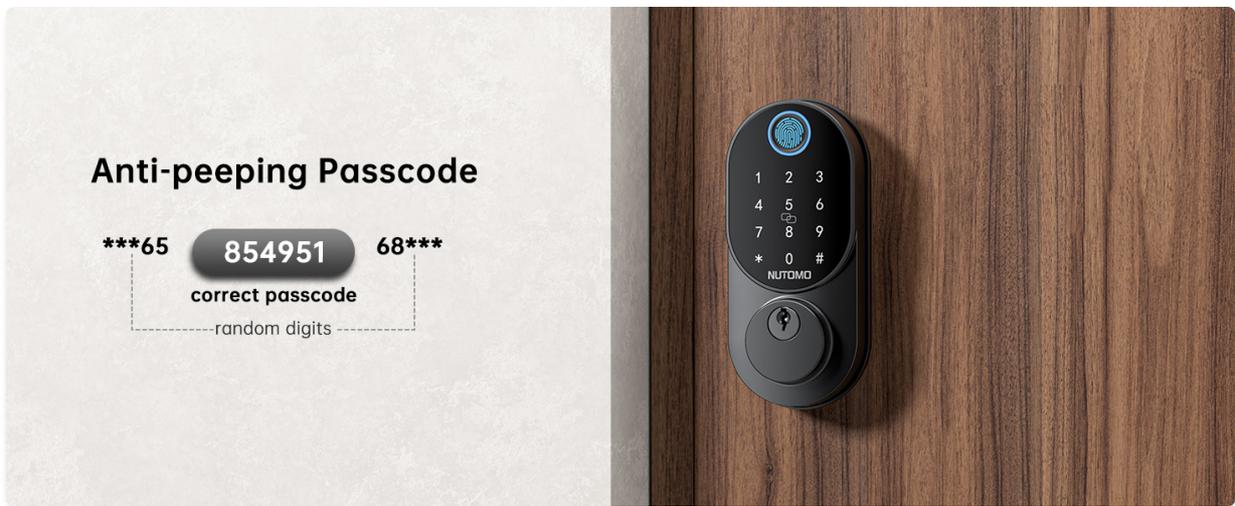


Image 4.2: Visual representation of the anti-peeping passcode function, demonstrating how to embed the correct passcode within a sequence of random digits for enhanced security.

### 4.3. Using IC Cards

The lock comes with 2 IC cards for convenient tap-to-unlock access. Simply present the IC card to the designated area on the lock to unlock the door.

### 4.4. Auto-Lock Function

The smart lock features an auto-lock function that automatically locks the door after a set period (typically 5-900 seconds) once it has been unlocked. This prevents accidental unlocking or forgetting to lock the door.

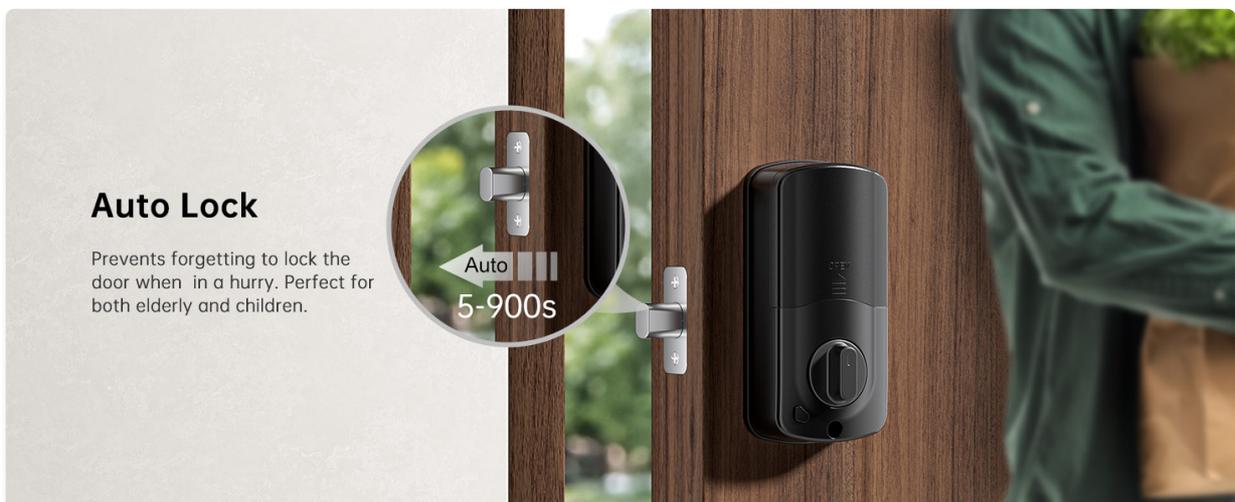


Image 4.3: Illustration of the auto-lock feature, highlighting its ability to automatically secure the door after a user-defined delay, preventing accidental unlocks.

### 4.5. Manual Key Override

In case of battery depletion or electronic malfunction, the lock can always be opened using the provided physical keys. The keyhole is located discreetly on the exterior keypad assembly.

## Type-C charge&Keys

Type-C USB Emergency Charging Ultra-long Battery Life  
Physical Keys for emergency Unlock Long Battery Alert

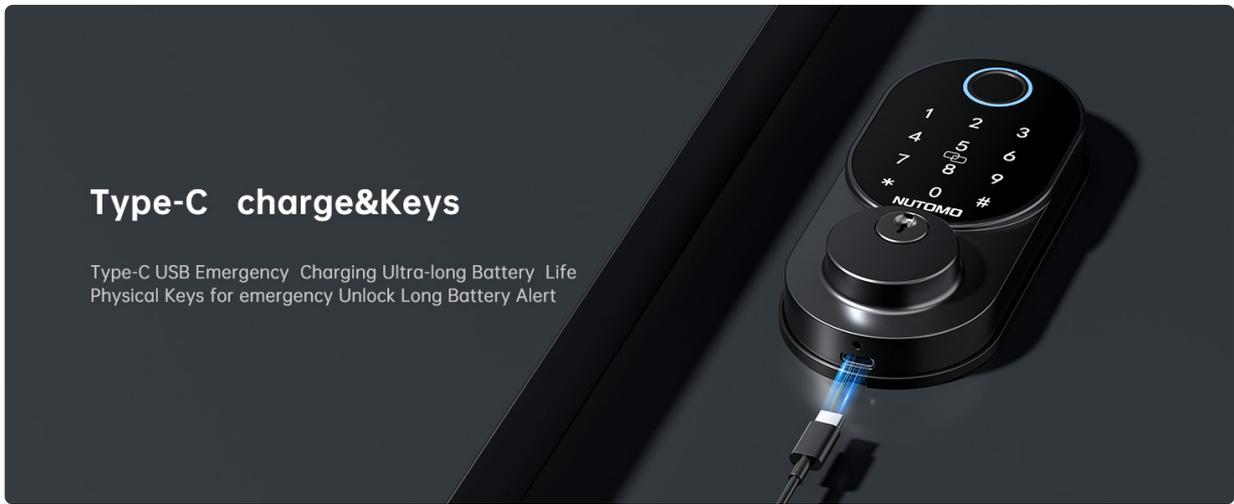


Image 4.4: The smart lock featuring a Type-C USB port for emergency charging and the inclusion of physical keys for manual override, ensuring access even if batteries are depleted.

## 5. MAINTENANCE

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

### 5.1. Battery Replacement

The lock is powered by 4 AA batteries (not included). It features a low battery warning system that will alert you when the batteries need replacement. Replace all four batteries simultaneously with new, high-quality alkaline AA batteries for best performance. Do not mix old and new batteries or different battery types.

# Long battery life of 8 months



Image 5.1: Illustration of the smart lock's battery compartment, emphasizing its long battery life of up to 8 months with 4 AA batteries.

## 5.2. Cleaning

Clean the lock's exterior surfaces with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components. Regularly wipe the fingerprint sensor to ensure accurate readings.

## 6. TROUBLESHOOTING

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If you encounter issues with your NUTOMO Smart Lock, refer to the common problems and solutions below.

### 6.1. Fingerprint Not Recognized

- Ensure your finger is clean and dry.
- Cover the entire fingerprint sensor area.
- Try re-enrolling your fingerprint if the issue persists.

## 6.2. Keypad Unresponsive

- Check battery levels and replace if necessary.
- Ensure the keypad is clean and free of debris.
- If completely unresponsive, use the physical key or emergency Type-C power.

## 6.3. Lock Not Engaging/Disengaging

- Verify that the door frame and strike plate are properly aligned.
- Check for any obstructions preventing the deadbolt from extending fully.
- Ensure the interior thumb turn operates smoothly.

## 6.4. Anti-Theft Lockout

If incorrect passcodes, fingerprints, or IC cards are used consecutively for 5 times, the system will lock down for 2 minutes. To reset, power off the lock for more than 3 seconds and then power it back on.

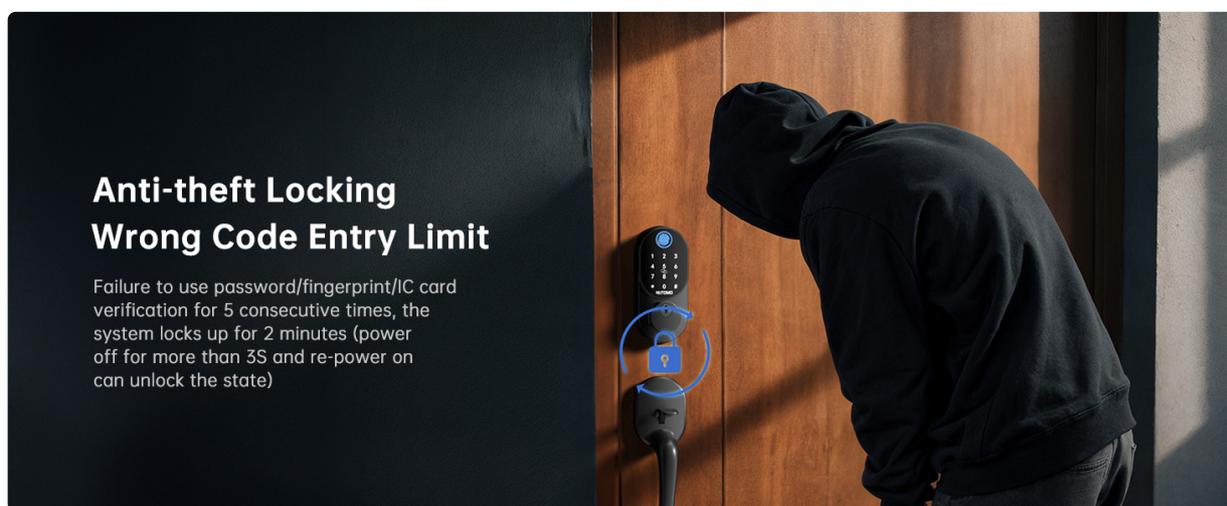


Image 6.1: Depiction of the anti-theft locking mechanism, which activates after multiple failed entry attempts, temporarily disabling the lock to deter unauthorized access.

## 7. SPECIFICATIONS

Feature	Detail
Brand	NUTOMO
Model Name	Smart door lock
Item Model Number	US-Y2-BSHS-NUT
Lock Type	Deadbolt, Keypad
Special Features	Anti-Peeping Password, Auto-Lock, Electronic Keypad Deadbolt, Fingerprint, One-Touch Lock
Color	Matte Black
Material	High-quality Aluminum Alloy

Item Dimensions (L x W x H)	14 x 10 x 3 inches
Item Weight	4.5 pounds
Power Source	4 x AA Batteries (not included)
Battery Life	Up to 8 months
Fingerprint Capacity	Up to 100
Passcode Capacity	Up to 150
Door Thickness Compatibility	1-3/8" (35mm) to 2.17" (55mm)
Operating Temperature	-4°F to +158°F (-20°C to +70°C)
Waterproof Rating	IP54

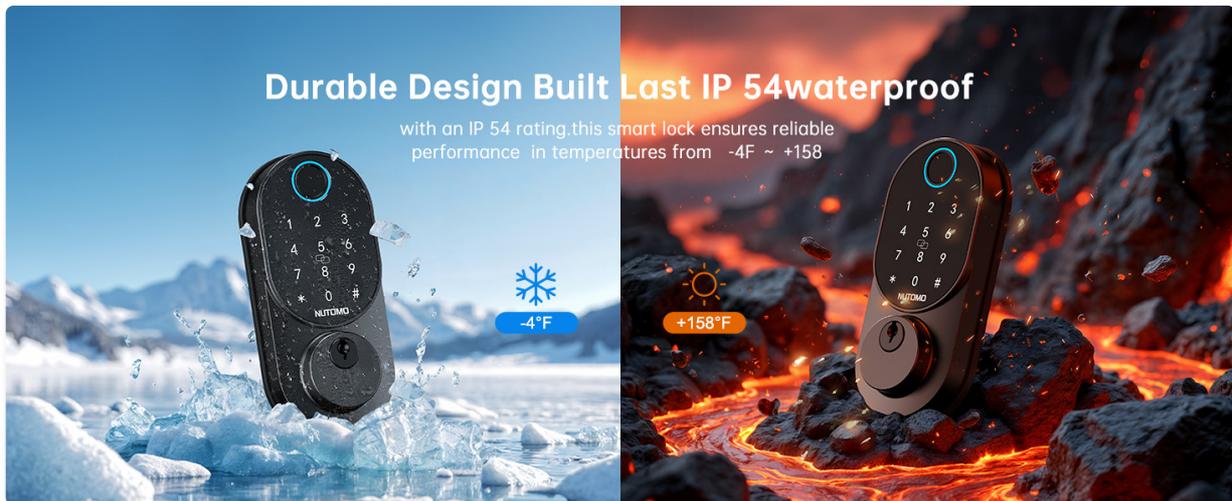


Image 7.1: The NUTOMO Smart Lock demonstrating its IP54 waterproof rating and ability to withstand extreme temperatures, from -4°F to +158°F.

## 8. WARRANTY AND SUPPORT

NUTOMO is committed to providing reliable products and excellent customer service.

### 8.1. Warranty Information

Your NUTOMO Smart Lock comes with a **1-Year Free Replacement Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your product functions as intended under normal use.

### 8.2. Customer Support

For any questions, technical assistance, or warranty claims, please contact NUTOMO customer service:

- **Online Email Support:** Available for detailed inquiries and troubleshooting.
- **Phone Call Assistance:** For immediate support.

- **Lifetime Troubleshooting Support:** NUTOMO provides ongoing technical support for the lifetime of the product.

Additionally, a **30-day Free Return & Exchange** policy is available for your convenience.