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## eLinkSmart YL-A1HF3B

# eLinkSmart Smart Cabinet Lock

Model: YL-A1HF3B

## INTRODUCTION

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The eLinkSmart Smart Cabinet Lock (Model YL-A1HF3B) provides advanced security and convenient access for your cabinets, drawers, and cupboards. This lock features multiple unlocking methods including fingerprint, password, RFID card, NFC, and control via a smartphone application. Designed for easy installation without drilling, it helps protect your personal items and prevents unauthorized access.

## PRODUCT COMPONENTS

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Before installation, please ensure all components are present:

- RFID Cabinet Lock with Wireless Remote Control
- IC Cards (one large, one small)
- Sticker for installation
- Installation Screws

# Wireless control panel

Fingerprint | Password | RFID | NFC

The image shows the wireless control panel components, including a keypad with a fingerprint sensor and a back panel with a battery compartment. A blue wireless signal icon is positioned between the keypad and the back panel. Below this, two comparison panels are shown. The left panel, labeled 'Ours', shows the keypad being pasted onto a cabinet door and a hand using the keypad. The right panel, labeled 'Others', shows a person drilling into a cabinet door to install a lock, with a red 'X' icon indicating a negative outcome. Text below the 'Others' panel lists 'Drilling - Damage furniture' and 'Wiring - Complex and fragile'.

**Ours**

No Drilling - Preserve furniture  
No Wiring - Paste & fix anywhere

**Others**

Drilling - Damage furniture  
Wiring - Complex and fragile

Figure 1: Overview of the eLinkSmart Smart Cabinet Lock components.

## SPECIFICATIONS

Feature	Description
Brand	eLinkSmart
Model Number	YL-A1HF3B
Lock Type	RFID, Fingerprint, Password, NFC, App Control
Dimensions (L x W x H)	3.94 x 1.57 x 0.39 inches
Material	Zinc
Item Weight	0.38 Kilograms (13.4 ounces)
Power Source	2 x AA Batteries (not included)
Battery Life	Approximately 6000 openings
Installation Method	Adhesive or Screw Mounting (No drilling required for most installations)

Recommended Uses	Home drawers, office drawers, kitchen pantry furniture, cupboard doors
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Figure 2: Product dimensions for installation planning.

## SETUP AND INSTALLATION

The eLinkSmart Smart Cabinet Lock offers flexible installation options suitable for various furniture types and thicknesses. No drilling is typically required, preserving the original appearance of your furniture.

### 1. Battery Installation

The lock requires 2 AA batteries (not included). Open the battery compartment on the main lock unit and insert the batteries, ensuring correct polarity. Close the compartment securely.



Figure 3: Battery installation in the main lock unit.

## 2. Initial State (Factory Mode)

Upon first use or after battery installation, the lock is in an unlocked factory mode. Any fingerprint can unlock it. To cancel this state and activate secure locking, register an IC card via the eSmartLock app and swipe it once, or disable the unlocked state directly within the app.

## 3. Choosing an Installation Method

You can choose between adhesive mounting or screw mounting.

- **Adhesive Mounting:** Use the high-viscosity double-sided tape provided. Ensure the surface is clean and dry for optimal adhesion. This method is ideal for preserving furniture.
- **Screw Mounting:** For a more permanent fixture, use the provided screws. This method offers enhanced stability.

## 4. Positioning the Lock

Carefully determine the placement of the main lock unit and the control panel on your cabinet or drawer. Ensure the lock mechanism aligns correctly with the cabinet frame for proper locking and unlocking. The lock is suitable for drawers or wardrobes of any thickness.



Figure 4: Example of lock installation on a drawer.

## OPERATING INSTRUCTIONS

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The eLinkSmart Smart Cabinet Lock offers multiple convenient ways to unlock.

## 1. eSmartLock Mobile Application

Download the 'eSmartLock' app from the iOS App Store or Google Play Store. The app allows you to:

- Manage fingerprints, passwords, and RFID cards.
- Authorize other users to unlock.
- View unlock records and activity logs.
- Check the current battery level.
- Activate or deactivate 'Normally Open Mode' (keeps the lock unlocked).



Figure 5: eSmartLock app interface for control and management.

## 2. Fingerprint Unlocking

The lock features a fast 360° fingerprint recognition system. Up to 100 different fingerprints can be stored. To register fingerprints, use the eSmartLock app. Once registered, simply place your finger on the sensor for instant unlocking (recognition time < 0.3s).



Figure 6: Fingerprint unlocking method.

### 3. Password Unlocking

Set up to 20 different passwords via the eSmartLock app. The lock supports temporary codes, anti-peep codes (allowing extra digits before or after the actual password for privacy), and timed codes for specific access periods.

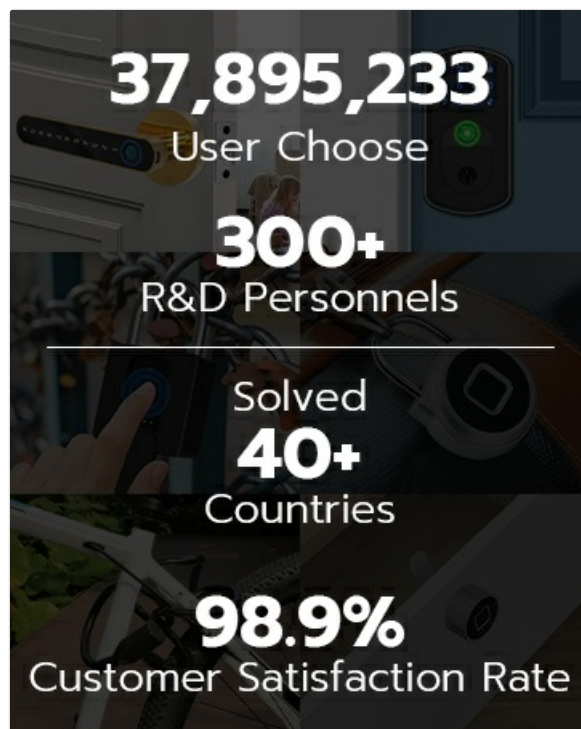


Figure 7: Password entry on the control panel.

### 4. RFID Card / NFC Unlocking

Use the provided IC cards or your smartphone's NFC function to unlock. Up to 100 cards can be registered. A single registered card can be used to unlock multiple eLinkSmart locks. For NFC, ensure your smartphone's NFC is enabled and configured with the eSmartLock app.



Figure 8: Unlocking with an RFID card.

## 5. Apple Watch Unlocking

The eSmartLock app is available for Apple Watch. You can download the app from the Apple App Store on your watch to unlock the cabinet lock directly from your wrist.



Figure 9: Overview of code, card, and Apple Watch unlocking methods.

## MAINTENANCE

### 1. Battery Replacement

The lock is powered by 2 AA batteries. It provides approximately 6000 openings per set of batteries. A low battery alarm will activate when power is low. After the low voltage prompt, the lock can still be used about 100 times. If

the batteries completely run out, the lock will automatically unlock to prevent items from being inaccessible. To replace batteries, open the battery compartment on the main lock unit and insert new AA batteries, ensuring correct polarity.

## 2. Emergency Power

In case of complete battery depletion and the lock does not automatically unlock, an external power source (e.g., a power bank) can be connected via the micro-USB port on the control panel to temporarily power the lock for unlocking.



Figure 10: Connecting external power for emergency unlocking.

## 3. Cleaning

Wipe the lock's surfaces with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the finish or electronic components.

## TROUBLESHOOTING

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- **Lock does not respond:** Check if the batteries are correctly installed and have sufficient charge. Replace batteries if necessary.
- **Cannot connect to app:** Ensure Bluetooth is enabled on your device and the lock is within range. If the lock is in factory mode, any fingerprint can unlock it. Register an IC card or disable factory mode in the app to activate secure locking.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint through the app.
- **RFID/NFC not working:** Ensure the IC card is correctly registered. For NFC, verify your smartphone's NFC function is active and the eSmartLock app is properly configured.
- **Lock automatically unlocks:** This is a safety feature when batteries are critically low. Replace batteries immediately.
- **Difficulty with installation:** Refer to the installation instructions carefully. Ensure proper alignment of the lock unit and strike plate. Consider using the screw mounting method for increased stability if adhesive is insufficient.

## SAFETY INFORMATION

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- This lock is designed to secure personal items and prevent children from accessing hazardous contents. It is not intended as a high-security device against determined theft.
- Keep IC cards and passwords in a secure location.

- Do not expose the lock to extreme temperatures or moisture.
- Ensure batteries are replaced promptly when the low battery alarm sounds to maintain functionality.



Figure 11: The lock helps enhance child safety by restricting access to drawers.

## WARRANTY AND SUPPORT

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For warranty information, technical support, or further assistance, please refer to the eLinkSmart official website or contact their customer service directly. Details can typically be found on the product packaging or the manufacturer's website.