

eLinkSmart YL-D208F

eLinkSmart Slim Smart Lock YL-D208F User Manual

For Sliding Glass Doors

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your eLinkSmart Slim Smart Lock YL-D208F. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

The eLinkSmart Slim Smart Lock YL-D208F is designed for sliding glass doors, offering multiple unlocking methods and smart features for enhanced security and convenience.

2. PRODUCT FEATURES

- **Multiple Unlocking Methods:** Fingerprint, IC card, Password, APP control, and Mechanical Key.
- **Biometric Fingerprint Recognition:** Fast and accurate fingerprint unlock in approximately 0.3 seconds.
- **Temporary Access:** Generate one-time or time-limited passwords for guests or service personnel.
- **Reversible Handle:** Suitable for both left and right-opening doors.
- **Upgraded Lock Body:** Double hook and full steel structure for enhanced security.
- **Admin Anti-locked Feature:** Restricts access to administrator users only when activated.
- **IPX5 Waterproof Standard:** Provides protection against water splashes and rain.
- **Emergency Power:** Type-C emergency charging port for backup power.
- **Low Battery Alarm:** Notifies users when battery power is low.

Streamlined Handle Design

Designed for slim aluminum doors



5

Five Standard Unlock Methods

Fingerprint / IC Card / Password / Key / APP

4

Four Optional Unlock Options

APP / Remote control / WiFi / Bluetooth



Admin Anti-locked Feature

Turn on the button, only admin user can open



IPX5 Waterproof Standard

Stronger waterproof performance,
no fear of the wind and rain



Cylinder On The Body

Compatible with various mortise

Figure 2.1: Key features of the eLinkSmart Slim Smart Lock, highlighting its design, unlocking options, and durability.



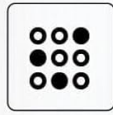
Figure 2.2: Details of the lock's anti-lock mechanisms, including the administrator anti-lock mode and quick disengage knob.

Multiple Unlocking Methods

Remote unlocking requires a bluetooth gateway



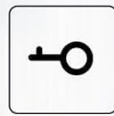
Fingerprint



Passcode



APP



Key



Card



BLE



Figure 2.3: Overview of the various unlocking methods available with the smart lock.

3. PACKAGE CONTENTS

Verify that all components are present in the package before proceeding with installation:

- Smart Lock Assembly (Front and Rear Panels)
- Mortise Lock Body with Hook
- Mechanical Keys (x2)
- RFID Cards (x2)
- Installation Accessories (Screws, Spindles, etc.)
- Cylinder

Check before purchase

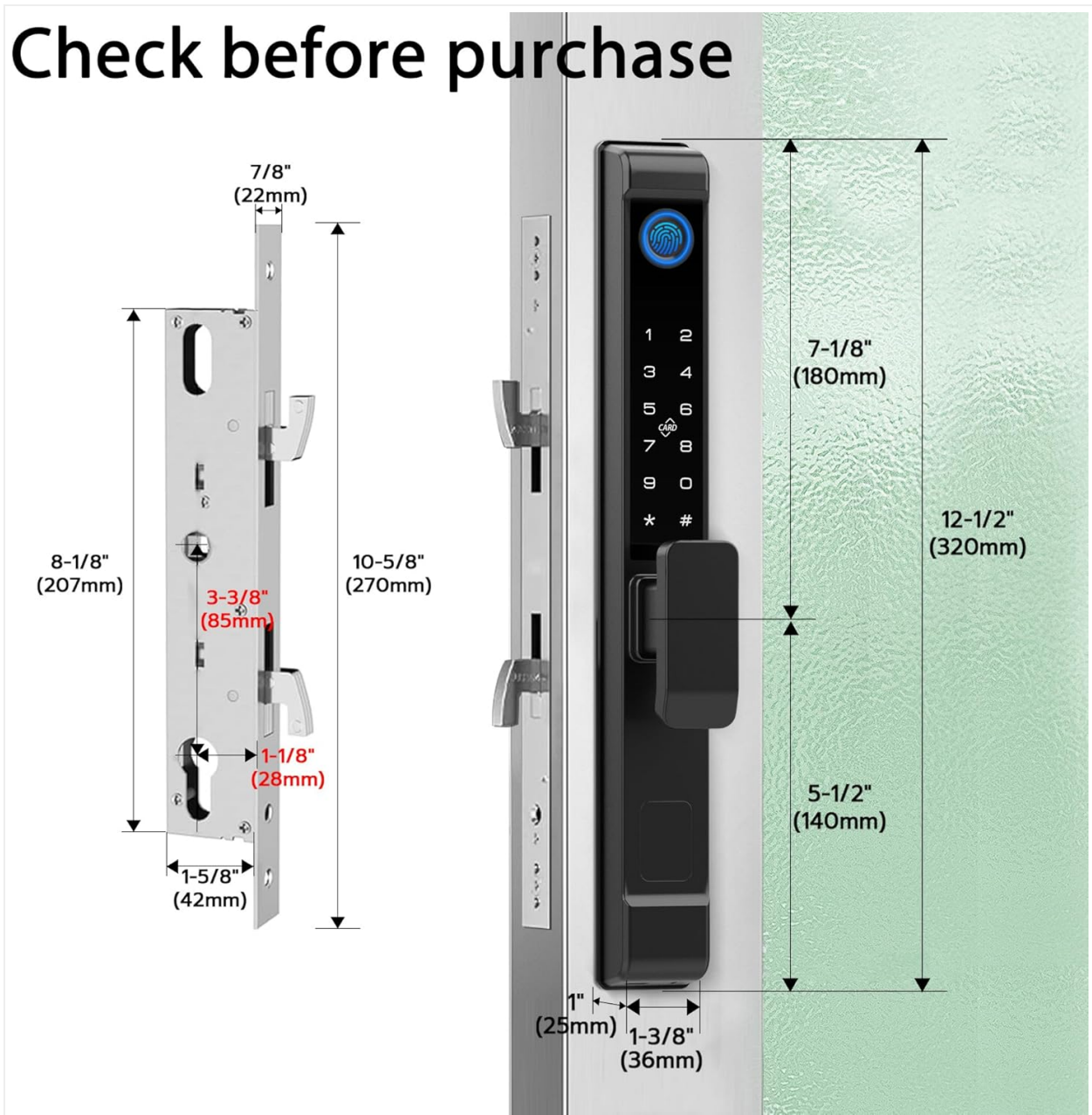


Figure 4.1: Door dimension compatibility check.

4.2 Installation Steps (General Overview)

1. **Prepare the Door:** Ensure the door frame and mortise cutout are clean and free of obstructions.
2. **Install Mortise Lock Body:** Insert the mortise lock body into the door's edge. Secure it with screws.
3. **Install Spindles:** Insert the square spindles through the mortise.
4. **Attach Front Panel:** Connect the front panel (keypad/fingerprint reader) to the door, ensuring cables pass through the door.
5. **Attach Rear Panel:** Connect the rear panel to the front panel's cables and secure it to the door. Ensure the handle direction is correct; it can be reversed if needed.
6. **Install Batteries:** Insert 4 AAA batteries into the battery compartment.
7. **Test Functionality:** After installation, test all unlocking methods and the handle operation.

For detailed, step-by-step instructions, refer to the separate installation guide included in your product packaging.

5. OPERATING INSTRUCTIONS

5.1 Initial Setup and Administrator Registration

Upon first power-up, you will need to register an administrator fingerprint or password. Follow the voice prompts or app instructions to complete this process. The administrator has full control over user management and lock settings.

5.2 Unlocking Methods

- **Fingerprint:** Place your registered finger on the fingerprint sensor. The lock will unlock upon successful recognition.
- **Password:** Enter your registered password on the keypad, followed by the '#' key.
- **IC Card:** Present your registered IC card to the card reader area on the lock.
- **APP Control (Tuya):** Download the Tuya Smart app, pair your lock via Bluetooth, and use the app to unlock remotely (requires a Bluetooth gateway for remote access).
- **Mechanical Key:** In case of emergency or battery depletion, use the provided mechanical key to unlock the door.

5.3 Locking the Door

The lock will automatically engage after a short period once the door is closed. You can also manually lock it from the inside using the quick disengage anti-lock knob or by pressing a specific button on the keypad (refer to app or detailed manual for specific button). From the outside, simply close the door, and the lock will engage.

5.4 Admin Anti-locked Feature

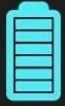
To activate the Admin Anti-locked Feature, turn the designated button on the lock's interior panel. When active, only administrator users can unlock the door from the outside, enhancing security.

5.5 Battery Management

The lock operates on 4 AAA batteries, providing up to 6 months of battery life under normal usage. A low battery alarm will sound when the batteries need replacement. In case of complete battery depletion, use the mechanical key or connect a power bank via the Type-C emergency charging port for temporary power.

Energy conservation

4 x AAA Batteries



Up to 6 Months
battery life



No anxiety about
battery aging



Low battery alarm



Figure 5.1: Battery compartment and energy conservation features.

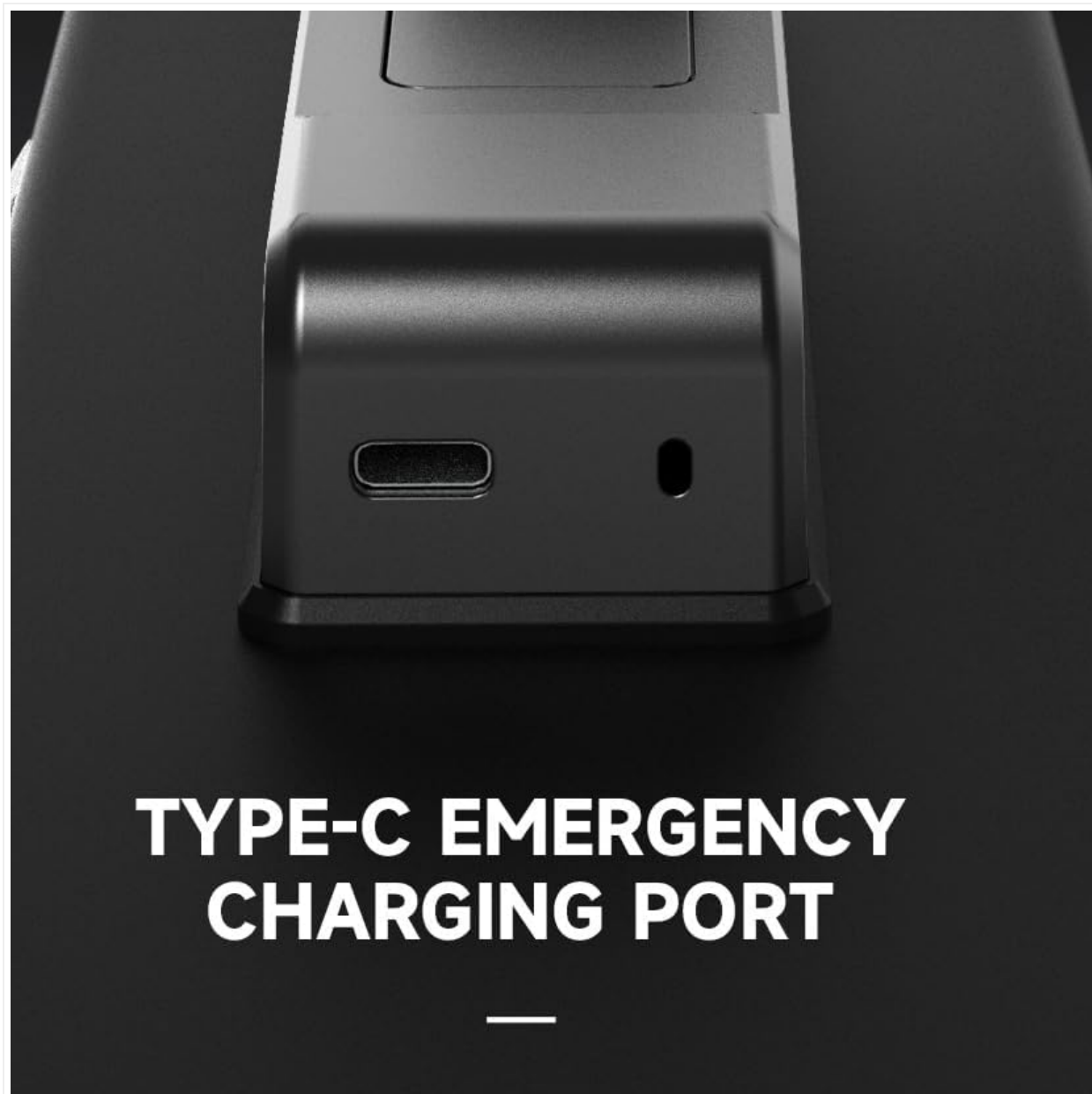


Figure 5.2: Type-C emergency charging port.

6. MAINTENANCE

- **Cleaning:** Wipe the lock surface with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- **Battery Replacement:** Replace all 4 AAA batteries when the low battery alarm sounds. Use high-quality alkaline batteries for optimal performance.
- **Fingerprint Sensor:** Keep the fingerprint sensor clean and dry for accurate recognition.
- **Mechanical Parts:** Periodically check screws and connections to ensure they are secure. Do not lubricate the lock cylinder with oil-based lubricants; use graphite powder if necessary.
- **Water Exposure:** While the lock has an IPX5 waterproof rating, avoid prolonged exposure to heavy rain or direct water jets to prevent potential damage.

7. TROUBLESHOOTING

- **Lock not responding:** Check battery levels. Replace batteries if low. If still unresponsive, use the Type-C emergency charging port with a power bank.

- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint if the issue persists. Ensure the sensor is clean.
- **Keypad not responding:** Check for battery issues. Ensure no debris is obstructing the buttons.
- **App connectivity issues:** Ensure Bluetooth is enabled on your device. Make sure the lock is within Bluetooth range. Restart the app and try re-pairing. If using Wi-Fi, ensure your Bluetooth gateway is properly configured and connected to your network.
- **Lock does not engage/disengage properly:** Check for any physical obstructions in the door frame or mortise. Ensure the lock body and strike plate are aligned correctly. Verify that the handle is installed correctly and not loose.
- **Difficulty programming:** Refer to the detailed programming instructions in the full user manual or the Tuya Smart app. Ensure you are following the steps precisely and that you are logged in as an administrator.
- **Short battery life:** Ensure you are using high-quality alkaline AAA batteries. Frequent use of Wi-Fi features (if applicable) or extreme temperatures can affect battery life.

If you encounter issues not listed here or require further assistance, please contact customer support.

8. SPECIFICATIONS

Brand	eLinkSmart
Model Number	YL-D208F
Lock Type	Biometric Mortise Lock with Hook
Material	Zinc Alloy
Color	Black
Dimensions (L x W x H)	320 x 55 x 35 mm (12.5 x 2.1 x 1.3 inches)
Power Supply	4 x AAA Batteries
Emergency Power	Type-C USB Port
Connectivity	Bluetooth (Tuya App compatible)
Waterproof Rating	IPX5
Recommended Use	Sliding Patio Door Lock, Glass Door Slim Smart Lock

9. WARRANTY AND SUPPORT

eLinkSmart provides the following warranty and support for your product:

- **Refund Policy:** 30 days from the date of purchase.
- **Exchange Policy:** Free exchange within 180 days from the date of purchase.

If you encounter any product problems or require technical assistance, please contact our customer support team. Provide your model number (YL-D208F) and a detailed description of the issue for prompt service.

Customer Support Contact: Please refer to the contact information provided in your product packaging or on the official eLinkSmart website.

