

EPIC FUTUREPROOF ES-F500D

EPIC ES-F500D Smart Door Lock User Manual

Model: ES-F500D | Brand: EPIC FUTUREPROOF

1. INTRODUCTION

Thank you for choosing the EPIC ES-F500D Smart Door Lock. This advanced security solution integrates multiple access methods including fingerprint recognition, PIN number entry, RFID card access, and Bluetooth connectivity for enhanced convenience and security. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your smart lock.

The ES-F500D is a vertical RIM lock designed for robust security, offering features such as auto-lock, re-lock, and double lock functions. It also incorporates random number and multi-touch features to further secure your PIN entries.

2. SAFETY INFORMATION

- **Do not** attempt to disassemble or repair the lock yourself. This may void the warranty and cause damage.
- **Do not** expose the lock to direct water or excessive humidity.
- Use only the specified battery type and ensure correct polarity during installation.
- Keep all components, especially small parts and batteries, out of reach of children.
- Ensure the door frame and door are structurally sound before installation.
- Regularly check the lock for any signs of damage or malfunction.
- Change default PINs and register your own fingerprints/cards immediately after installation.

3. PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- EPIC ES-F500D Front Body Assembly
- EPIC ES-F500D Back Body Assembly
- Mortise/Latch Bolt Assembly

- Strike Plate
- Mounting Screws and Bolts
- RFID Cards (Quantity may vary)
- User Manual
- Batteries (Typically AA, not always included)



Image: Overview of the EPIC ES-F500D Smart Door Lock, showing its front panel, keypad, and rear mechanism.

4. PRODUCT OVERVIEW AND DIMENSIONS

The ES-F500D consists of an exterior unit with a fingerprint sensor and keypad, and an interior unit with the battery compartment and manual override. Understanding the components is crucial for installation and operation.

- **Front Body Dimension:** 75(W) X 175(H) X 25(D)mm
- **Back Body Dimension:** 75(W) X 187(H) X 55.5(D)mm
- **Material:** Metal
- **Color:** Black



Image: Detailed view of the EPIC ES-F500D, highlighting the front keypad and fingerprint sensor, and the rear locking mechanism.

5. SETUP AND INSTALLATION

Installation typically involves preparing the door, mounting the mortise, installing the exterior and interior units, and connecting the wiring. It is recommended to consult a professional for installation if you are unsure.

5.1. Pre-Installation Checklist

- Ensure door thickness is compatible with the lock.
- Verify all package contents are present.
- Gather necessary tools (screwdriver, drill, measuring tape, pencil).

5.2. Basic Installation Steps (General Guide)

1. **Prepare the Door:** Mark and drill holes according to the provided template.
2. **Install Mortise:** Insert the mortise assembly into the door edge and secure it with screws.
3. **Mount Exterior Unit:** Place the exterior unit on the door, ensuring the spindle passes through the mortise.
4. **Mount Interior Unit:** Connect the wiring from the exterior unit to the interior unit. Align and secure the interior unit to the door using mounting screws.
5. **Install Batteries:** Insert the required batteries into the battery compartment of the interior unit.
6. **Test Operation:** Perform initial tests to ensure the latch bolt operates smoothly from both inside and outside.

6. OPERATING INSTRUCTIONS

The ES-F500D offers multiple ways to unlock your door. Always refer to the specific programming instructions in your detailed manual for setting up master codes, user codes, fingerprints, and RFID cards.

6.1. PIN Number Access

To unlock using a PIN number:

1. Touch the keypad to activate it.
2. Enter your registered PIN number.
3. Press the '*' or '#' key (refer to specific model instructions for confirmation key).
4. The lock will unlock with an audible confirmation.

Random Number and Multi-touch Features: To enhance security, the lock supports entering random numbers before or after your actual PIN. This helps prevent fingerprint traces on the keypad from revealing your code.

Guest PIN Number: A one-time use PIN can be generated for temporary access. Consult your detailed manual for steps to register and use guest PINs.



Image: Illustrates the process of entering a PIN on the ES-F500D keypad, demonstrating the random number feature for enhanced security.

6.2. Fingerprint Access

The lock can store up to 100 fingerprints. To unlock using a registered fingerprint:

1. Place your registered finger flat on the fingerprint sensor.
2. Hold it until the lock recognizes your fingerprint and unlocks.

6.3. RFID Card Access

The lock supports up to 200 RFID cards. To unlock using an RFID card:

1. Place your registered RFID card against the card reader area on the lock.
2. The lock will unlock upon successful recognition.

6.4. Bluetooth Connectivity

The ES-F500D can be connected via Bluetooth to a compatible smartphone application. This allows for remote unlocking, managing user access, and viewing access logs. Refer to the specific app instructions for pairing and usage.

6.5. Lock Functions

- **Auto-Lock:** The lock automatically locks after a set period once the door is closed.
- **Re-Lock:** If the door is opened and then closed, the lock will re-engage automatically.
- **Double Lock Function:** Provides an additional layer of security, typically engaged from the inside, preventing external access even with valid credentials.



Image: Depicts a hand interacting with the ES-F500D keypad, alongside icons representing alarm and lock functions, illustrating its operational and security capabilities.

7. MAINTENANCE

- **Battery Replacement:** Replace all batteries when the low battery indicator appears. Use high-quality alkaline batteries. Do not mix old and new batteries or different battery types.
- **Cleaning:** Wipe the lock surface with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals that could damage the finish or electronic components.
- **Fingerprint Sensor:** Keep the fingerprint sensor clean and free of dirt or moisture for optimal performance.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace all batteries with new ones.
Fingerprint not recognized.	Finger is dirty/wet, sensor is dirty, or fingerprint not properly registered.	Clean finger and sensor. Re-register fingerprint if issue persists.
PIN not working.	Incorrect PIN entered, or PIN not registered.	Verify PIN. Re-register PIN if necessary. Ensure correct confirmation key is pressed.
Lock makes unusual noises.	Mechanical obstruction or internal issue.	Check for obstructions around the latch. If noises persist, contact customer support.
Auto-lock not functioning.	Sensor misalignment or feature disabled.	Check door sensor alignment. Verify auto-lock setting in programming mode.

9. SPECIFICATIONS

Feature	Detail
Model Name	ES-F500D

Feature	Detail
Lock Type	Biometric, Keypad, Vertical RIM Lock
Access Methods	Fingerprint, PIN Number, RFID Card, Bluetooth
Fingerprint Capacity	Up to 100
RFID Card Capacity	Up to 200
Front Body Dimensions (W x H x D)	75 x 175 x 25 mm
Back Body Dimensions (W x H x D)	75 x 187 x 55.5 mm
Material	Metal
Color	Black
Connectivity	Bluetooth, Wi-Fi (Optional Module)
Power Source	AA Batteries (Quantity not specified, typically 4 or 8)
Country of Origin	Republic of Korea

10. WARRANTY AND SUPPORT

EPIC FUTUREPROOF products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official EPIC FUTUREPROOF website.

For technical support, troubleshooting assistance, or inquiries regarding optional modules (Home Network Module, Remote Control, Wi-Fi Bridge), please contact your local distributor or the EPIC FUTUREPROOF customer service department.

Customer Support: Please refer to the contact information provided on the product packaging or the official brand website for the most up-to-date support details.