

SMONET A1-SBF2H-S

SMONET Keyless Entry Smart Front Door Lock Set

Model: A1-SBF2H-S

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SMONET Keyless Entry Smart Front Door Lock Set. Please read this manual thoroughly before installation and use to ensure proper function and safety. This smart lock offers multiple unlocking methods including fingerprint, IC card, password, physical key, and app control. Optional remote gateway and Alexa voice unlock features are also available.

2. PRODUCT OVERVIEW

The SMONET Smart Front Door Lock Set is designed to enhance home security and convenience. It integrates various access technologies into a single, robust unit.

2.1. Key Features

- Multiple Unlocking Methods: Fingerprint, IC Card, Password, Physical Key, App, Remote Gateway (optional), Alexa Voice Unlock (optional).
- Quick Fingerprint Identification: Unlocks in approximately 0.3 seconds.
- High Capacity: Supports 250 fingerprints, 300 passwords, and 1000+ IC cards.
- Automatic Locking: Enhances security by locking the door when closed.
- Remote Access: App control for remote password generation and real-time unlocking notifications (with optional gateway).
- Power-Saving Design: Four AA batteries can last up to one year.
- Emergency Power: USB port for temporary power with a power bank in case of battery depletion.

2.2. Package Contents

The package includes the smart deadbolt unit, handle set, two IC cards, two physical keys, and mounting hardware.



Image 2.2.1: Overview of the SMONET Smart Front Door Lock Set components, including the smart deadbolt, handle, IC cards, and physical keys.

3. SPECIFICATIONS

Feature	Detail
Brand	SMONET
Model Name	Smart lock (A1-SBF2H-S)
Lock Type	Biometric, APP Lock, Keypad, Keyfobs & Key Lock
Material	Metal
Color	Silver
Item Dimensions (L x W x H)	16.8 x 7.4 x 3.9 inches

Item Weight	4.91 pounds
Connectivity Protocol	Bluetooth
Controller Type	Amazon Alexa (with optional gateway)
Power Source	4 AA Batteries (not included)

4. INSTALLATION

Installation typically takes about 10 minutes with a Philips screwdriver. No drilling is required for standard installations, but some adjustments may be needed for specific door types.

4.1. Door Preparation and Compatibility

Before installation, ensure your door meets the following requirements:

- Hole Diameter: 2-1/8" (54mm)
- Minimum Distance (between deadbolt and handle holes): 5" (127mm)
- Adjustable Backset: 2-3/8" (60mm) or 2-3/4" (70mm)
- Door Thickness: Compatible with standard door thicknesses.



Image 4.1.1: Diagram illustrating required door dimensions and compatibility for the SMONET Smart Lock Set.

4.2. Step-by-Step Installation

1. **Install the Latch:** Insert the latch into the door edge. Ensure the arrow on the latch is facing upwards. If your door's backset is 70mm, rotate the latch 180 degrees and extend its length. Secure the latch with screws.
2. **Install the Strike Plate:** Align and secure the strike plate on the door frame with screws.
3. **Install the Exterior Assembly:** Route the cable from the exterior keypad assembly through the door hole. Ensure the spindle is horizontal and correctly aligned with the latch mechanism.
4. **Install the Mounting Plate:** Route the cable through the hole on the bottom of the mounting plate. Secure the mounting plate to the door with screws.
5. **Install the Interior Assembly:** Connect the cable from the exterior assembly to the interior assembly. Carefully tuck the excess cable into the door. Align the interior assembly with the mounting plate and secure it.
6. **Insert Batteries:** Open the battery cover on the interior assembly. Insert four AA batteries (not included), ensuring correct polarity. Close the battery cover.

7. **Test Operation:** Manually test the deadbolt to ensure it extends and retracts smoothly.

Easy to install, no drilling needed

You can install it in just 10 minutes with a Philips screwdriver.

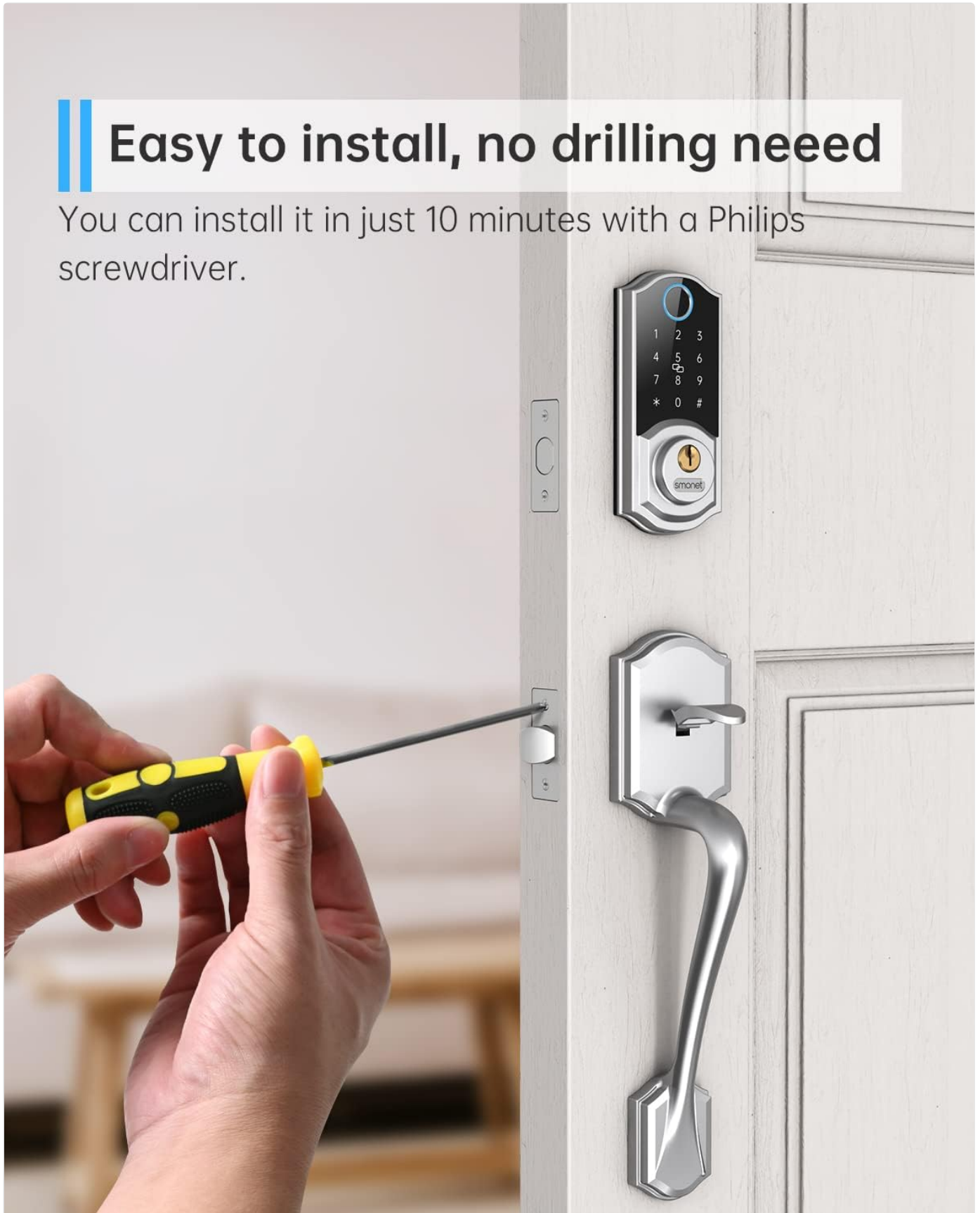


Image 4.2.1: A person using a Philips screwdriver to install the SMONET Smart Lock, demonstrating the ease of installation.

5. OPERATING INSTRUCTIONS

Your SMONET Smart Lock offers multiple convenient ways to secure and access your home.

5.1. Unlocking Methods

- **Fingerprint Unlock:** Place your registered fingerprint on the sensor. The lock will unlock in approximately 0.3 seconds.



Image 5.1.1: A hand demonstrating the fingerprint unlock feature on the smart lock, highlighting its speed.

- **Passcode Unlock:** Enter your programmed passcode on the digital keypad.
- **IC Card Unlock:** Tap a registered IC card against the designated area on the lock.
- **App Unlock:** Use the dedicated SMONET app on your smartphone to unlock the door via Bluetooth.
- **Physical Key Unlock:** In case of emergency or battery failure, use the provided physical key to unlock the deadbolt.

- **Alexa Voice Unlock (Optional):** If connected to a compatible gateway (sold separately), you can use Alexa voice commands to unlock the door.



Image 5.1.2: Illustration of the smart lock's compatibility with Alexa and Google Assistant for voice control, requiring a separate gateway.

5.2. Locking Methods

- **Manual Lock:** Press and hold the '#' key on the keypad for a few seconds to lock the door.
- **Auto-Lock:** The lock can be configured to automatically lock after a set period once the door is closed. This feature can be customized via the app.

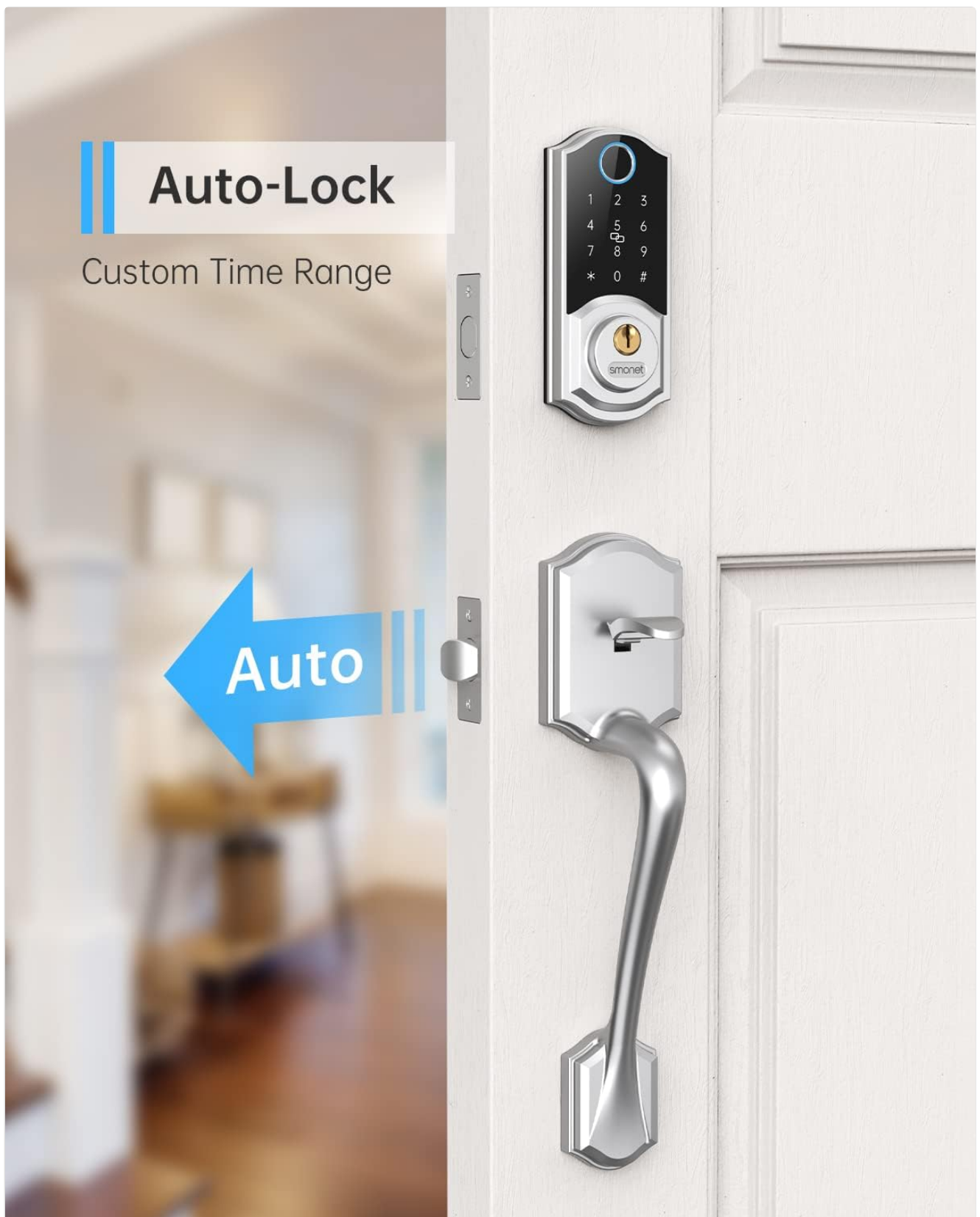


Image 5.2.1: Visual representation of the auto-lock function, showing the deadbolt extending automatically.

- **App Lock:** Use the SMONET app to remotely lock the door.

6. USER MANAGEMENT

The SMONET app provides a robust customer management system (CMS) for managing access to your lock.

- **Adding Users:** You can add up to 250 fingerprints, 300 passcodes, and 1000+ IC cards. Follow the in-app instructions to register new users for each access method.

Safe Local Storage Privacy Protection

250+
Fingerprints

300+
Passcodes

1000+
Key Fobs



Image 6.1.1: Display showing the capacity of the smart lock for storing fingerprints, passcodes, and key fobs.

- **Generating Passcodes:** Generate timed, permanent, one-time, or customized passcodes for guests, friends, housekeepers, or employees directly from the app.
- **Access Records:** The app allows you to check real-time records of unlocking events and incorrect passcode attempts.
- **Administrator Mode:** To safeguard individual privacy, only the administrator password can be used to open devices in anti-lock mode.

7. MAINTENANCE

7.1. Battery Management

The lock operates on four AA batteries. A low battery alert will notify you when batteries need replacement. For best performance, use high-quality alkaline batteries.

Long Battery Life

Low Battery Alert



Battery is low



Image 7.1.1: The smart lock displaying a low battery alert, with a USB cable connected for emergency power.

7.2. Emergency Power

In the event of complete battery depletion, a USB port is available on the exterior keypad. Connect a power bank to this port to temporarily power the lock and gain access.

7.3. Fingerprint Sensor Care

For optimal fingerprint recognition, ensure your finger is clean, dry, and free of oil or moisture during setup and use. Enroll the same fingerprint multiple times from different angles and positions to improve accuracy.

8. TROUBLESHOOTING

- **Lock Not Responding:** Check battery levels. Replace batteries if low. Use the USB emergency power port with a power bank if batteries are completely dead.
- **Fingerprint Not Recognized:** Ensure your finger is clean and dry. Try re-enrolling your fingerprint from various angles.
- **Deadbolt Not Engaging/Disengaging Properly:** Verify that the latch is installed correctly and moves freely. Check for any obstructions in the door frame or strike plate. Ensure the spindle is correctly aligned during installation.
- **App Connectivity Issues:** Ensure Bluetooth is enabled on your smartphone and you are within range of the lock. If using a gateway, ensure it is properly connected to your Wi-Fi network and powered on.
- **Forgotten Passcode:** Use the SMONET app to retrieve or reset passcodes.

9. WARRANTY AND SUPPORT

SMONET provides a 1-year warranty for the smart lock and offers lifetime free technical support from the date of purchase.

9.1. Contact Information

- **Email:** service@smonet.com
- **Toll Free:** 1-(888)-572-0797

For any questions regarding installation, app issues, or additional information about the gateway, please feel free to reach out to our customer support team.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question