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GDAE10 S200MF

GDAE10 S200MF Keyless Smart Lock Instruction Manual

Model: S200MF

Introduction

This manual provides essential information for the installation, operation, and maintenance of your GDAE10 S200MF Keyless Smart Lock. Please read these instructions carefully before installation and use to ensure proper function and security.

Product Features

- **Multiple Unlock Methods:** Access your property using a passcode, card, or mechanical key.
- **Glow-in-the-Dark Keypad:** Silicone keys illuminate for easy code entry in low-light conditions.
- **Silent Shaft Handle:** Designed for quiet operation, minimizing noise during door opening.
- **Low Voltage Alarm:** Alerts you when battery power is critically low, prompting battery replacement.
- **User Capacity:** Supports up to 200 unique user codes.
- **Durable Construction:** Made from Zinc Alloy and Stainless Steel for enhanced longevity.



Image: The GDAE10 S200MF Smart Lock featuring its glowing keypad for visibility in the dark.



Image: Illustration of the various unlock methods available for the smart lock, including card, code, and key.

Package Contents

The package includes the following items:

- 1 x GDAE10 S200MF Electronic Password Swipe Lock (Left Handle)





Image: All components included with the GDAE10 S200MF Smart Lock, laid out for inspection.

SPECIFICATIONS

Model	S200MF
Color	Silver, Black
Material	Zinc Alloy, Stainless Steel
Process	Nickel Wire Drawing
Handle Type	Left Handle
Standard Mortise	Single Latch
Locking Method	Automatic
Certification	ANSI Grade 2 / Rohs Certified
Applicable Cards	Mifare-1 Card, Open Interfaces, Campus Card, Bus Cards
Unlock Ways	Card, Code, Code+Card, Mechanical Key
Original Password	123456
Power Supply	4*AA Alkaline Batteries (Not Included, 4.8 6.5V DC)
Dynamic Power Consumption	150-300mA
Static Current	≤30uA
Working Current	≤200mA
Door Frame Requirement	≥110mm / 4.33in
Latch Length	60mm, 70mm / 2.36in, 2.75in
Door Thickness Requirement	3.8~5.0cm / 1.5~1.97in (Single)
Working Temperature	-30~70℃ / -22~158℉
Working Humidity	10%-97%
Card Read Distance	3cm / 1.18in
Code Length	4-8 Digits
User Capacity	200 Users
Product Size (L*W*H)	15.4*6.8*7.8cm / 6.1*2.7*3.1in
Handle Length	12.4cm / 4.88in
Net Weight	2kg / 4.41 lbs

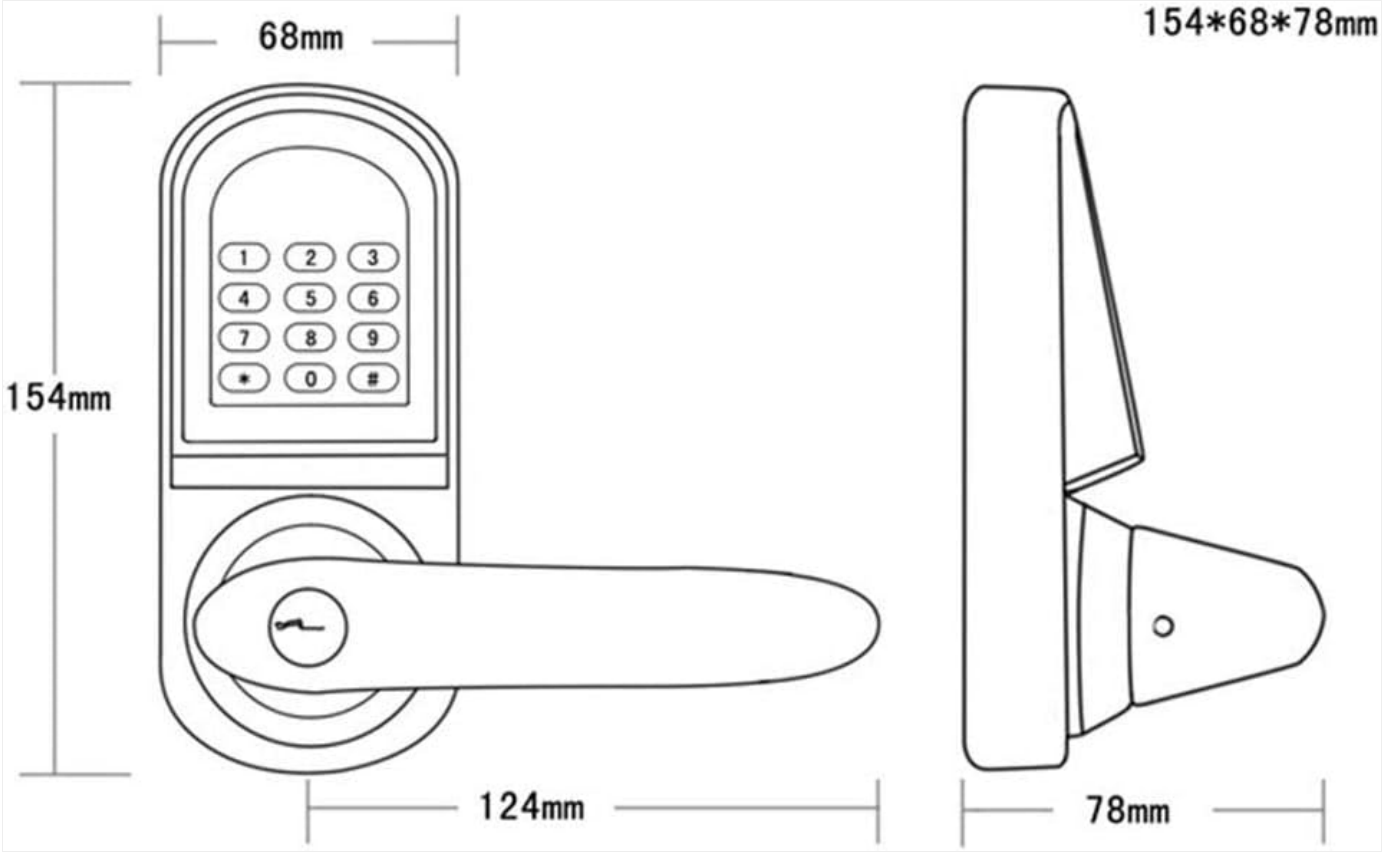


Image: Detailed dimensions of the GDAE10 S200MF Smart Lock, including length, width, and height measurements.

Setup and Installation

Proper installation is crucial for the security and functionality of your smart lock. Ensure your door meets the following requirements:

- **Door Thickness:** 3.8~5.0cm (1.5~1.97in) for single doors.
- **Door Frame:** Minimum 110mm (4.33in).
- The lock uses a single latch mortise, designed for easy installation, potentially replacing existing ball-locks.

Power Supply

The lock requires 4 AA alkaline batteries (not included) for operation. Ensure the batteries provide 4.8V to 6.5V DC. Install batteries according to the polarity markings inside the battery compartment.

Door Handing

This model is designed for a left-handle configuration. Verify your door's handing before installation.



Image: A visual representation of the smart lock components as they would appear installed on the inside and outside of a door.



Image: The GDAE10 S200MF Smart Lock shown installed on a door, demonstrating its appearance in use.

Operating Instructions

Unlocking the Door

The GDAE10 S200MF offers four methods for unlocking:

1. **Passcode:** Enter your 4-8 digit user code on the keypad. The original default password is**123456**.
2. **Card:** Present a compatible Mifare-1 card (or other applicable cards) to the card reader area on the lock.
3. **Code + Card:** For enhanced security, combine a passcode entry with a card scan.
4. **Mechanical Key:** Use the provided mechanical key as a backup in case of battery depletion or other issues.

Programming User Codes and Cards

Detailed instructions for programming new user codes and cards are typically found in the full product manual. Generally, this involves entering a master programming code followed by sequences to add or delete user credentials. The lock supports up to 200 user codes, each 4-8 digits long.

Automatic Locking

The lock features an automatic locking mechanism, securing the door shortly after it closes.

Maintenance

- **Battery Replacement:** When the low voltage alarm sounds, replace all four AA alkaline batteries promptly to ensure continuous operation.
- **Cleaning:** Clean the lock's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Inspection:** Periodically check for any loose screws or components and tighten them as necessary.

Troubleshooting

- **Lock Not Responding:** Check battery levels. If the low voltage alarm has sounded, replace batteries.
- **Keypad Shutdown:** If an incorrect code is entered three times consecutively, the keypad will shut down for 10 seconds as a security measure. Wait for the lockout period to expire before attempting to enter a code again.
- **Difficulty with Card Entry:** Ensure the card is compatible (Mifare-1 or similar) and presented correctly to the reader.
- **Mechanical Key Not Working:** Ensure the key is fully inserted and turned correctly. If the lock is jammed, do not force the key.

Safety Information

- Do not expose the lock to extreme temperatures or humidity outside of the specified operating ranges (-30~70℃ / -22~158℉, 10%-97% humidity).
- Keep mechanical keys in a safe, accessible location outside the property in case of emergency or electronic failure.
- Regularly change user passcodes for enhanced security.
- Ensure all installation steps are followed precisely to prevent malfunction or security vulnerabilities.

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