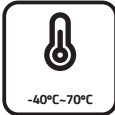
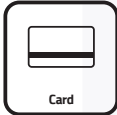


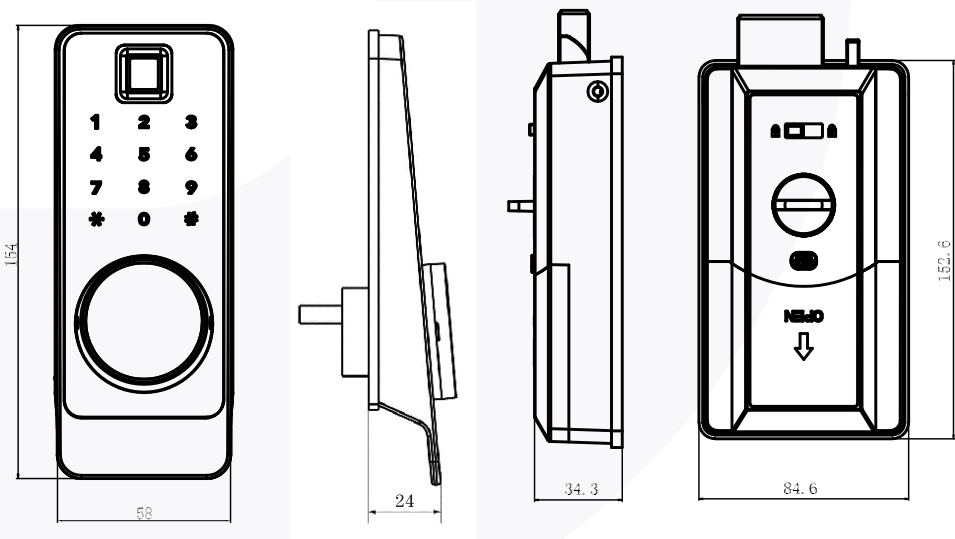
Smart Door Lock



Item Code	Lock Material	Door Thickness Range	Power Supply	Alarm Voltage	Static Current	
MS-SDL101-B-BK	Zinc alloy	≧45mm	4*AA	4.8V ±0.2V	≤60μA	3.5

Dynamic Current	Operating Humidity	Opening Time	Mobile Phone App	APP send password	Custom password
≤200 mA	20 ~ 93%RH	Around 1.5 Seconds	One administrator	Custom password	10 pcs

Dimensions in mm



Functions & Operations

1. Introductions of the function keys

The function keys include: “*” and “#” on the keyboard and RESET button in the battery holder

“*”: Any wrong entry, press “*” cancel the wrong entry;

“* *”: to make the lock in sleep mode, just press “* *”;

“#”: press “#” to confirm entry after selecting operation options or entering password;

“#”: when the lock in locked status, it is “door bell” function after press the key “#”;

“#”: when the lock in unlocked status, the door is locked after press the key “#”;

“↺” RESET button (which is located in the battery holder): The button is used to make the lock restore to the factory original status.

2. Initialization (Reset)

After loading 4 pcs AA alkaline batteries into the battery holder and insert the plug of the front panel into the socket on the PCB of the rear panel, press the RESET button until voice says “Reset succeeded”. After initialization, all the information in the lock will be deleted, the lock restore to the factory original status

3. Language Selection

After initialization, touch the screen of the front panel, and “1. 2,” will be* lighted up and voice says “please select language: Chinese 1 and English 2”. Please select 1 or 2 → # to confirm the language you need.

4. Default Administrator password (123456)

Try to use the default administrator password (123456 → #) to unlock;

5. Add New Administrator password

Format: Enter # → administrator password → # → new administrator password *→ # → new administrator passcode → #

6. Function code as below:

- 83 Add APP administrator
- 12 Change administrator password
- 85 Add (user) password/fingerprint/card
- 10 Change user password
- 69 Delete all user cards:
- 70 Delete all user fingerprints
- 71 Delete all user passwords

7. Add APP Administrator

Format: Enter * # → administrator password → # → 83 → #After finishing the format, and voice says “please add Bluetooth administrator”, put your phone near the lock and open the Huem app, and click “Go to Add” button on your phone and then click “Next” and then click “Done”, the app administrator is successfully added

Functions & Operations

8. Change administrator password:

Format: Enter * # → administrator password → # → 12 → # → new administrator password → # → new administrator password → #

9. Add user password:

Format: Enter * # → administrator password → # → 85 → # → user password → # → user password → #

10. Add user card:

Format: Enter * # → administrator password → # → 85 → # → scan card

11. Add user fingerprint:

Format: Enter * # → administrator password → # → 85 → # → register fingerprint

12. Change user password:

Format: Enter * # → administrator password → # → 10 → # → original user password → # → new user password → # → new user password → #

13. Delete all user cards:

Format: Enter * # → administrator password → # → 69 → #

14. Delete all user fingerprints:

Format: Enter * # → administrator password → # → 70 → #

15. Delete all user passwords:

Format: Enter * # → administrator password → # → 71 → #

UNLOCK/LOCK

Unlock mode: Fingerprint, Password, Card, Phone App, Mechanical Key.)

1. To Unlock by Password/Fingerprint/Card/Phone

Touch the screen to turn the keyboard light on, the keyboard light and status indicator blue light on, enter password followed by # key (Put your finger on the reader or scan the card directly or click the unlock icon on the phone), the door is unlocked, the status indicator light blinks green light and sound prompt.

2. To Lock

Just close the door and the aux. latch is pressed and the deadbolt protrude or long press the icon on the phone, the door is locked.

3. Secure Lock by Inside Locking Switch

When move the security switch to the locking position, the status indicator red light is on, user (passwords/cards/Fingerprint/Phone App) can not unlock from outside except administrator.

4. Emergency Unlock

If the batteries are exhausted, you can insert a USB charger into the USB port (which is located under the front panel) for emergency unlocking.

5. Mechanical Key

The lock comes with 2 mechanical keys which are for emergency use. In case the lock has any malfunctions, you can use the mechanical key to unlock the door

Use a needle tool to depress the 2 side pins of the cylinder cover and remove the cover, insert the mechanical key and turn it to retract the deadbolt to unlock

INDICATOR LIGHT PROMPT

GREEN light means locked";

RED light means double locked" or wrong entry;

GREEN light means unlocked" or correct entry.

IMPORTANT REMINDERS

a. 5 times attempts of any wrong fingerprint or password or illegal cards, the keyboard will be locked 3 minutes.

b. In order to avoid the exposure of your password in front of others, any numbers can be added before or after the correct password as follows: XXX password XXX. Total numbers must be within 24digits;

c. Every operation must be done within 6 seconds(set up must be within 10 seconds) otherwise the system will automatically exit;

d. When battery voltage is lower than 4.8V, the lock will alarm when you open the door, after alarm, the lock can still work around 200 times. Please replace the batteries with new ones after alarm;

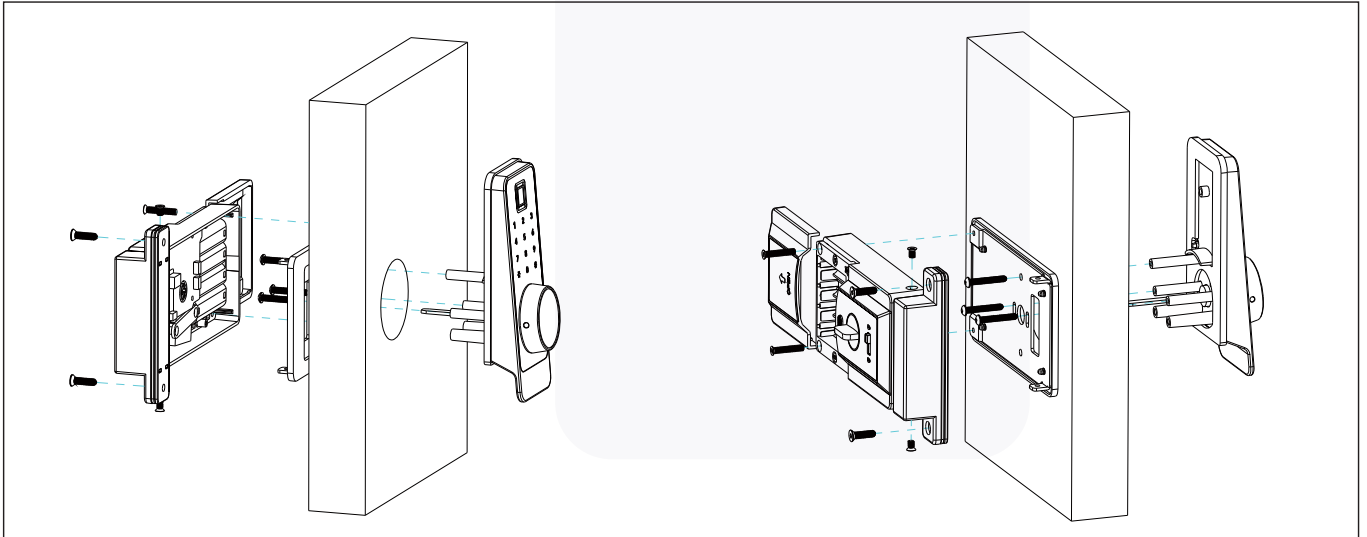
e. Keep the mechanical keys in safety for emergency use.

INSTALLATION AND ADJUSTMENT

1. Installation Condition

- Door frame $\geq 152\text{mm}$
- Door thickness: $30 \sim 45\text{mm}$
- Door thickness: $\geq 45\text{mm}$ (Cylinder will be specially made)

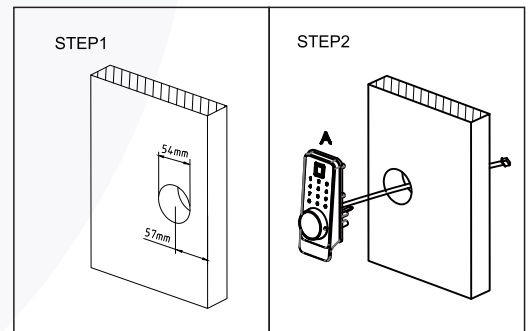
2. Installation Assembly



3. Installation Steps

A 1pc	B 1pc	C 1pc	D 2pcs	E 1pc
F 2pcs	G 3pcs	H 2pcs	J 2pcs	K 2pcs

1) Drill a hole of 54mm diameter on the door from the door edge 57mm;



2~3) Put the cable of the front panel through the door to inside and hold the front panel on the door;

4) Put the cable through the square hole of mounting plate then fix the mounting plate and the front panel with 3 screws(G)

5~6) Insert the plug of front panel into the socket on the PCB of the rear panel; keep the dead bolt in retracted status and the thin pin of the front panel in horizontal position and keep the pin to be able to rotate in clockwise.

7) Insert the thin pin into the hole of the knob, then fix the rear panel on the fixing plate with 2 long screws(F) and 2 short screws (H).

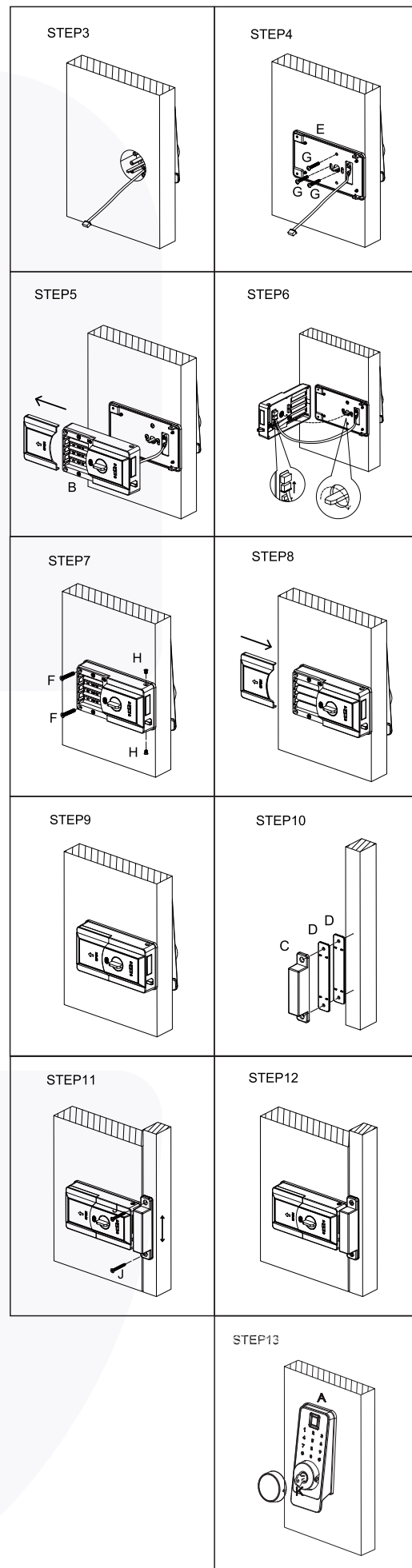
Note: F screws are also the adjust ment of the battery cover tightness!! Fix the 2 screws tightly, and the cover is also tight.

8~9) Load 4 pcs AA alkaline batteries in the battery holder and fix the battery cover.

10) Put the strike box on the door frame to check whether the dead bolt match the strike box or not, if not match, add the shim(D) under the strike box.

11~12) After adjust the position and height of the strike box, fix the strike box on the door frame with 2 screws(J)

13) Use a needle tool to press the 2 pins of the cylinder cover and remove the cover; then insert the mechanical key to turn by hand to check whether the key can open(re tract the deadbolt) and close (pro trude the deadbolt) smoothly or not? If it works smoothly, the installation is ok.



Maintenance

- a. The lock surface is prohibited contact with the corrosive substances to avoid to damage the prevention layer of the lock and affect the products life;
- b. Kindly recommend to install the lock after room decoration. That will avoid the lock surface be damaged;
- c. Always keep the rotating part with lubricant, it will help the lock working smoothly and extend the service life. We suggest to inspect the lock once a year to ensure the screws fixed well.
- d. To avoid any inconvenience caused by battery consumption, suggest to replace new batteries as soon as the low voltage alarm happens.
- e. In case the cylinder can not working smoothly, we suggest to add few of graphite powder(pencil powder) as the lubricant into the cylinder regularly(once per year).
- f. If you are going for long trip or the lock will not be used for long term, please carry the keys along with you, and remove the batteries to ensure the service life of the lock.

AFTER-SALE SERVICE

Warranty Principles

We offer lifelong maintenance for the products manufactured by our company. The free warranty period is within one year from the date of purchase. When expired of warranty, we will charge the additional fees for the failure products. The following situations do not apply to the clause of free maintenance service:

- a. Damage caused by anthropic factor including the abnormal working environment, incorrect operation mode or low quality battery;
- b. Disassembly, repair or any change for the lock without authorization;
- c. Damage caused by force majeure.

Appendix

1. Packing List

No.	Part Name	Q'ty
A	Front panel	1 pc
B	Rear panel	1 pc
C	Strike box	1 pc
D	Shim	6 pcs
E	Mounting plate	1 pc
FGHJ	Screws (A pack)	9 pcs
K	Mechanical keys	2 pcs
	Mifare1 card	2 pcs
	Template	1 pc
	User manual	1 pc

2. Installation Tools

		
1.Pencil	2.Tape measure	3.Square
		
4.Hand drill	5.Alloy bit	6.Hammer
		
7.Knife	8.Screwdriver	9.Chisel