doup × moorgen



T50s

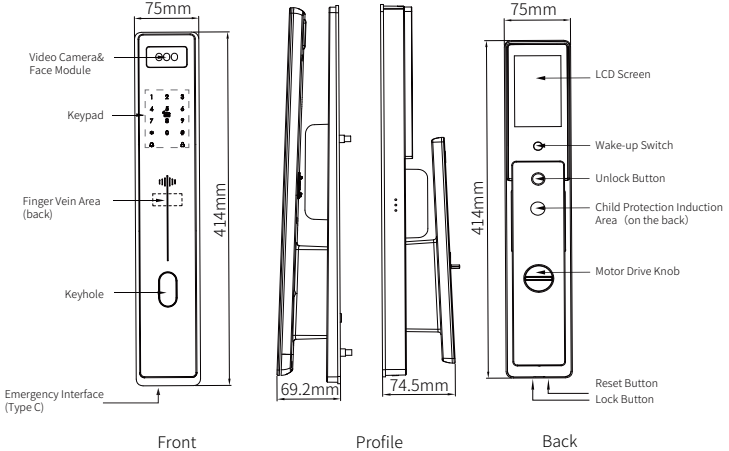
SMART DOOR LOCK

User Manual & Installation Guide

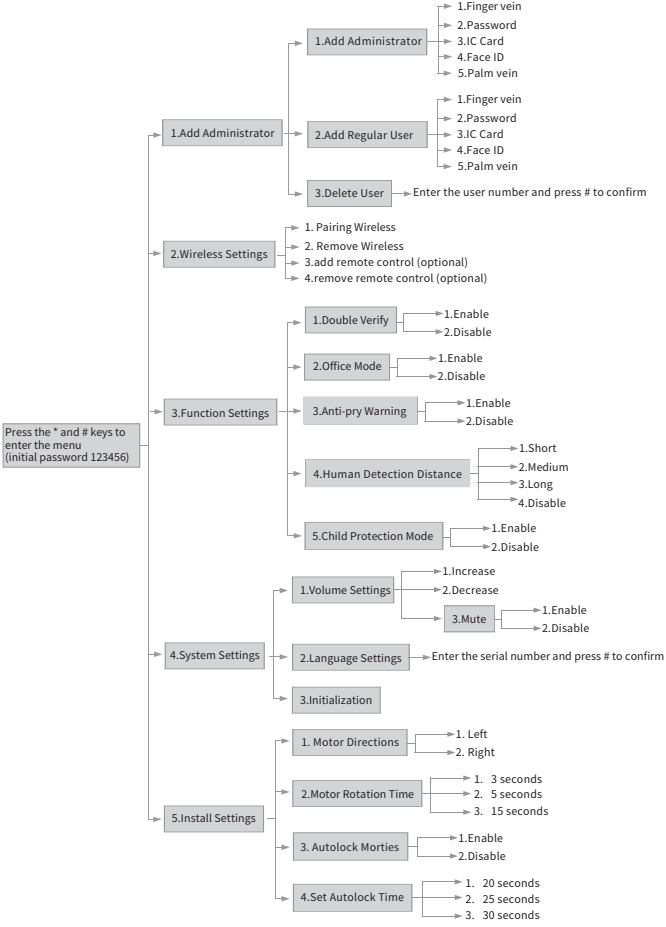
Specifications

Module	T50	Power Supply	7.4V(4200mAH)
Static Current	⩽280uA(average)	LCD Screen	5.0inch
Dynamic Current	⩽300mA(average)	Human Detection Distance	0.3~1.2M
Dynamic Current (motor)	⩽2A	IC Card Sensing Distance:	0~20mm
Finger vein Capacity	⩽150 group	Working Humidity	-10~60°C
User Capacity	⩽300group (finger vein+passcode+card+face)	Working Temperature	⩽93%RH

Overview



Process of Functions Operations



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Please read this instruction carefully before using and keep it well for reference!

Functional

1. Initialization

Press and hold the "Reset Button" for 5 seconds with a pin. The voice prompts "Initialize operation, press # key to confirm". Pressing #, the system will restore factory setting, and all information will be cleared. After success, the initial password becomes 123456, after you register a new administrator, this password will be invalid.

2. Install Setting

Installation Settings are generally used during installation and commissioning, and include motor setting, rotation time, set close timer and auto lock.

3. Motor Setting

Administrator can set the lock's open directions left or right as the door open direction.

4. Rotation Time

The administrator can set the duration of the latch back. There are three levels, 1 to 3 keys correspond to 3 to 15 seconds.

5. Set Close Timer

It is to set the time of latch backing, 3 seconds by default.

6. Auto lock

It will lock automatically after 15s.

7. System Lock Alert

If verify fingerprint, password, or card is entered wrong 5 times, the system will warn you and lock for 90s to prevent malicious illegal test

8.Random Password

Users can secure their passwords by entering random digits before or after the actual password. For example, if the correct password is 123456, the random password maybe 89123456807, 12345623 63, 389123456, etc.

9. Child Protection Mode

If unlocked from indoor, users need to put their fingers on the finger induction area, then press the unlock button with thumb, this function can prevent children unlocking the door from indoors, to a certain extent.

10. Office Mode

Open the Office mode in the system menu, verifica-tion unlock from outdoor for the first time, it becomes always open mode, and any finger can unlock the door. Press 0# or press and hold the lock button on the indoor unit for 3 seconds, temporarily exit the always open mode, only the registered users can unlock the door. Office mode can only be disabled completely in system menu.

Note:

1) Under office mode, if you want to register a user, please close this mode temporary or thoroughly first.

2) Under office mode, after unlocking, the system will enter hibernating mode for 10s, if you want to unlock again right now, please wake up the system to do it.

11. Low Battery Warning

When the battery voltage is lower to 6.9V, the lock will alert and remind clients to replace the batteries in time.

12. Emergency Power Supply

When the door lock has no power, you can use a power bank to supply power through the type C interface at the bottom of the front panel.

13. Lock Inside

Press Lock Button for 5 seconds to lock on Indoor Unit, and the normal user can not open from outside.

APP Configuration

1. Open the Moorgen Life, if you already have a registered account, and log in directly. If you do not have a registered account, go to the Appstore to download and register.

2. Enter the "*" and "#" keys after waking up the keypad on the smart lock, verify the administrator password, enter "2" to enter the wireless settings, and select "1" to pair the wireless device.

3. Smart phone connects a 2.4G Wi-Fi and turns on the Bluetoot h.

4. After registering and log in the APP, go to the homepage and select "Add Device". Thenthe smart lock "Moorgen - ****" will be displayed on the page top, select this lock, and the page will change to the Wi-Fi.

5. Enter the name and password of the 2.4G Wi-Fi that can be connected, and click Next.

What's in box?

1. Indoor/outdoor Unit *2
2. IC S50 Cards *2
3. Mechanical Keys *2
4. Lithium Batteries *1
5. Qualification *1
6. Accessories Package *2
7. Installation Template *1
8. User Instruction *1
9. Silicone Pad *2
10. Finger Guards Plate *2







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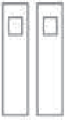
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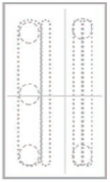
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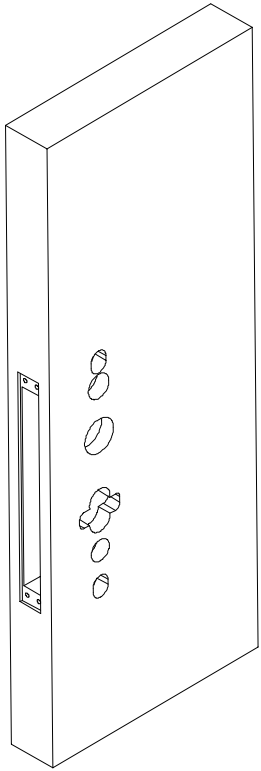


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Installation Procedure

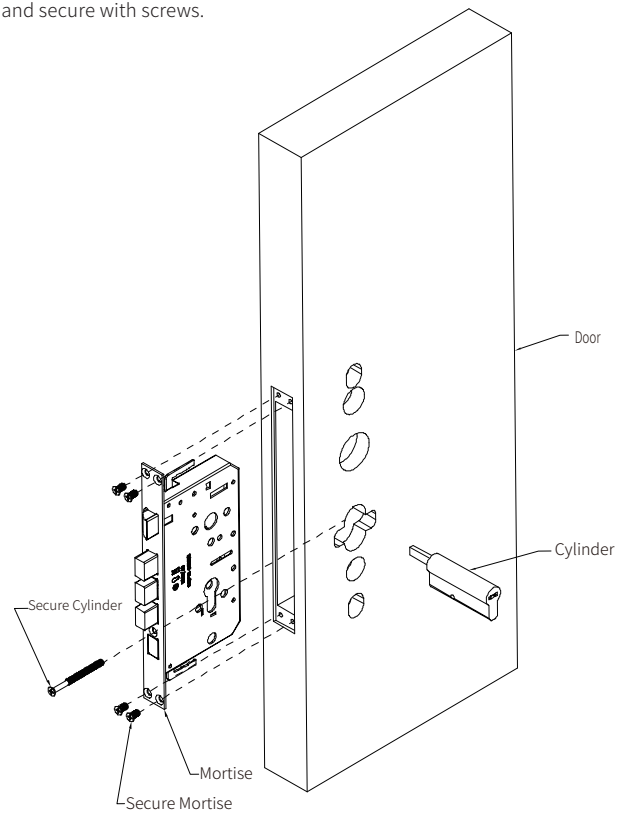
1. Drill Holes on the Door

Drill holes on the door at the desire height according to the installation template.



2.Installation of Mortise & Cylinder

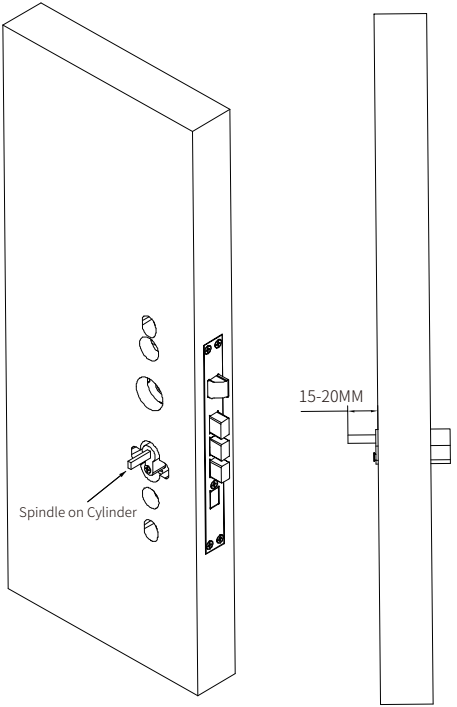
Pass the cable through the bottom holes, then put mortise into the hole, and secure with screws.



3. Cut the Spindle of Cylinder

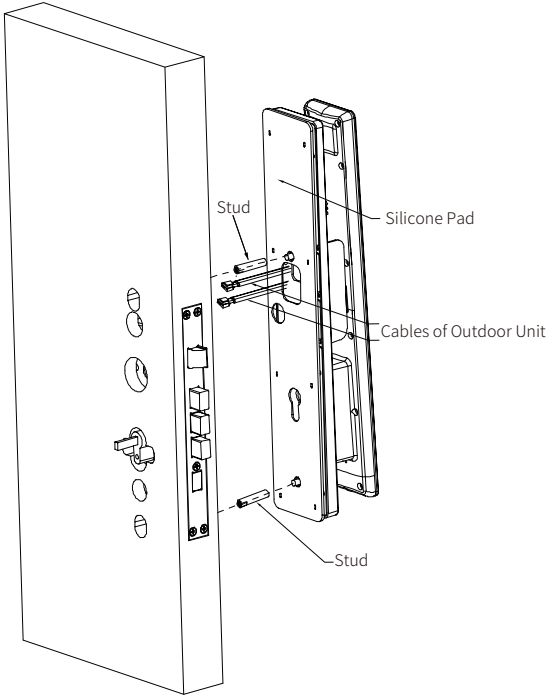
Cut the spindle of cylinder as your door thickness.

Note: the length of spindle on cylinder should be 15 to 20mm.



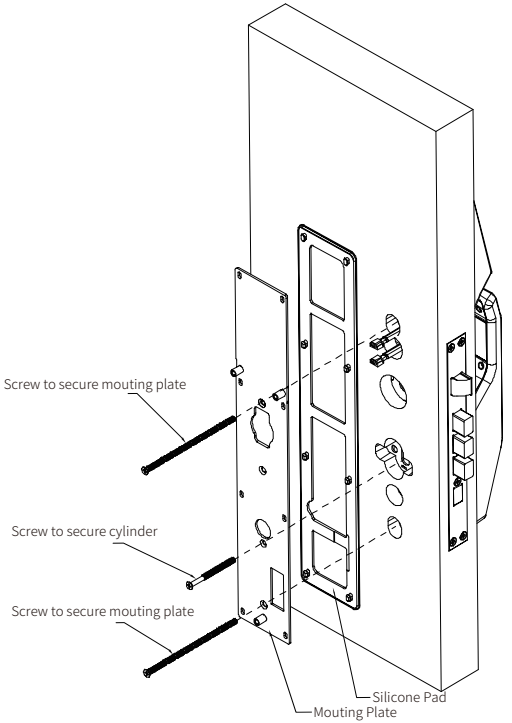
4.Installation of Outdoor Unit

1) Attach one Silicone Pad on the back of Outdoor Unit, then install studs.
2) Pass the cable through the holes, attach the Outdoor Unit to the door by inserting the studs through the drilled holes.



3) Attach another Silicone Pad on the Mounting Plate, place the Mounting Plate on the inside door and secure with screws.

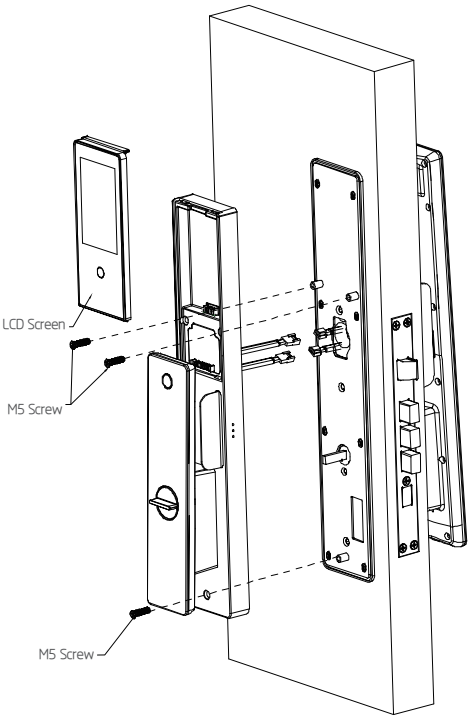
Note: the screws need to be cut as the door thickness.



5. Installation of Indoor Unit

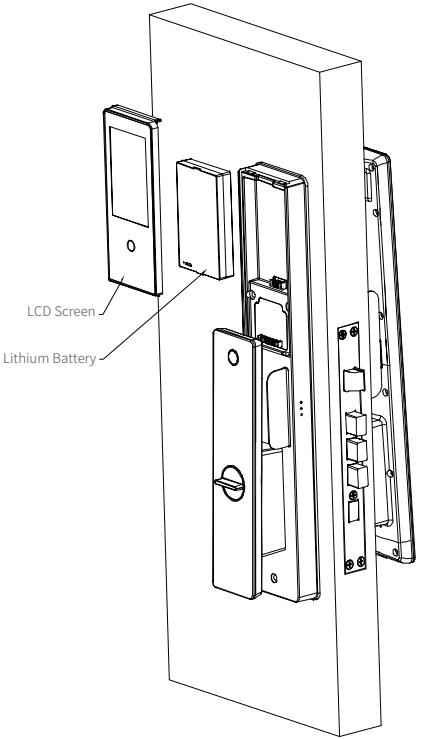
1) Connect the cable and insert it into the holes.

2) Attach the Indoor Unit on the inside door, and secure with screws.



6.Installation of Battery

1) Put in the lithium batteries, then install back the screen.
2) Press the unlock button and lock button to check if works successfully.

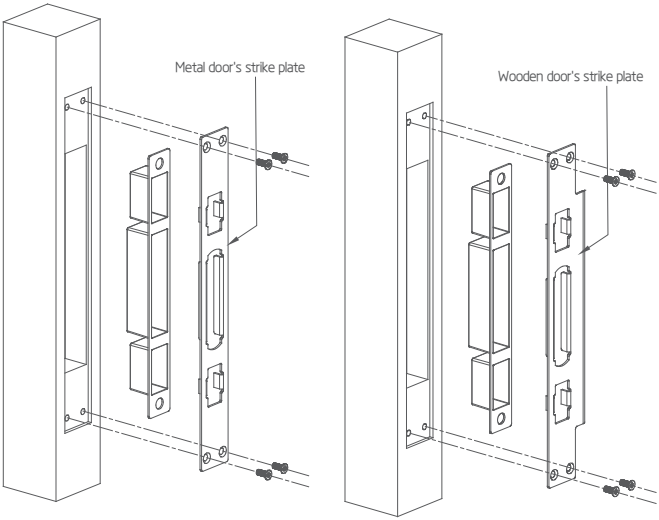


7. Installation of Strike Plate and Box

1) Drill the holes on the door frame.

2) Install Strike Plate and Box on the door frame.

Note: the metal door's and wooden door's Strike Plate are different.



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