

Fingerprint Keypad Safe Module

S3



Operation

FEATURE

- Standard 8 user design
- Main board can drive electric motor, electromagnet.
- Fashionable white LCD
- Hotel and home mode available

Parameter:

Sensor: AFOS300 Optical Sensor

Algorithm: BioNANO V10

LCD: 128*64 white LCD

Fingerprint Capacity:8

FRR: 0.001%

FRA: 0.00001%

Scan Area: 22mm*18mm

Resolution: 500 DPI

Identification Time:<0.5 Sec



Front panel:

Main panel:

LCD: Connect LCD flat cable with front panel

LED: Power LED

Keypad: Connect Keypad flat cable with front panel

Fingerprint sensor: Connect with fingerprint sensor.

Power: 6V (4 AA batteries)

Emergency Power: For external power

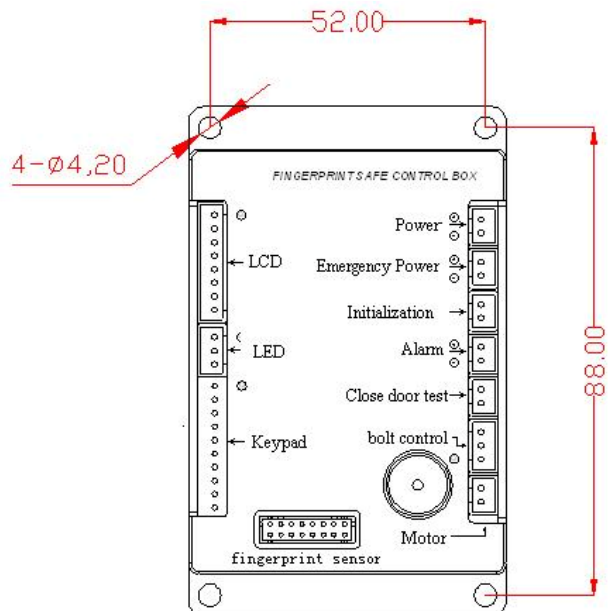
Initialization: Initialization device

Alarm: connect with alarm bell

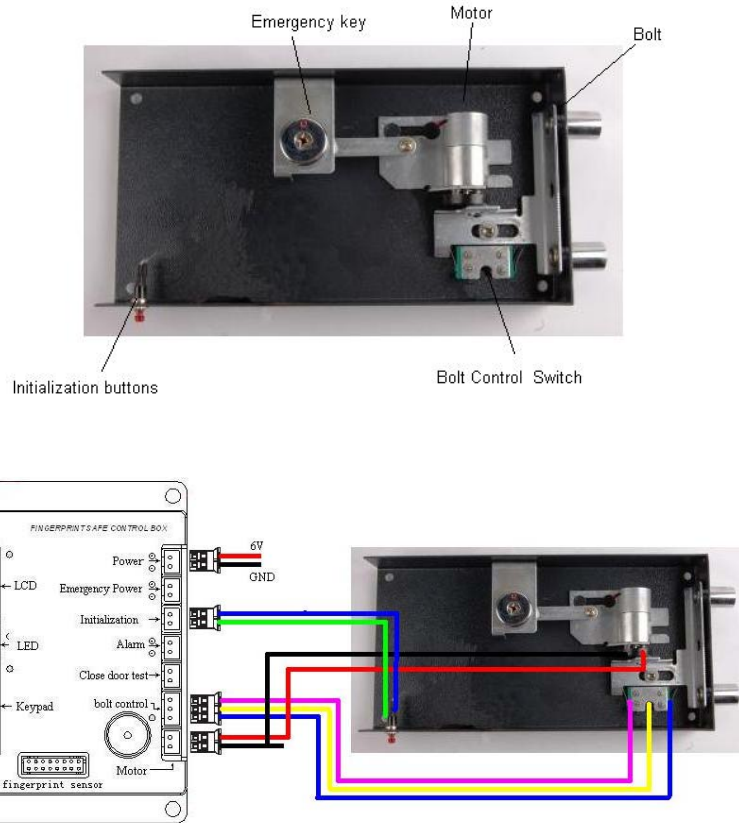
Close door test: Connect with Exit button on the front panel

Bolt control: control flexible sport of bolt.

Motor: drive motor



Mechanical Part:



Front board operation:

1. Battery Please use 4 AA batteries.
2. Factory mode: Press “START” to active the system and press any fingerprint on the scanner to drive the motor.
3. There are administrator and normal user

Administrator: Add and Delete normal user, Open the door

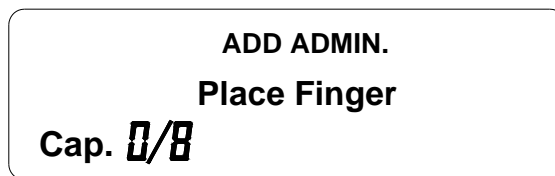
Normal user: Open the door

Family Mode

Add User:

The No.1 and No.2 user will default as administrator.

Press “START” to activate the system. Then press “ADD” key



Place finger and remove after one beep sound. If not remove finger at once, buzzer will shout continuously.

ADD ADMIN.
Place Finger Again
Cap. 0/8

Place you finger again and with two beep sound for one second, the registration is successful;

ADD ADMIN.
Cap. 1/8 OK

Place another finger to register other administrator fingerprints. Wait 5 seconds to return to sleeping mood.

Register normal user

Press "START" to activate the system. Then press "ADD" key

ADD
Admin. Place Finger
Cap. 1/8

Then need verified administrator's fingerprint to register normal user. Please follow above steps.

Delete Normal User

Press "START" to activate the system. Press "DEL" key

DEL.
Admin. Place Finger
Cap. 8/8

Then press administrator fingerprint to delete all of normal user.

Delete Administrator User

After all normal users have been deleted. Follow above steps press administrator fingerprint to delete admin user.

Initialization system

Hold "START" and "Initialization" key. Then the system with three beeps the system initialize success.

Open Operation:

Press "START" to activate system and fingerprint sensor light. Place finger and two beeps sounds indicate successful verification.



Close Operation:

Press "START", door will be closed automatically.

Hotel mode:



Please short circuit two pins the main will as a hotel mode.

Please check the system without any user before you use it. You can press "START" and check the screen shows as follow:



If the LCD shows "Cap. 1/1" you need Initialization system.

Operation steps:

Close

- 1、 Close the door or push out the bolt.



2、 Press “START” key and screen show as follow:

Place finger and remove after one beep sound. If not remove finger at once, buzzer will shout continuously.



Place you finger again and with two beep sound for one second, the registration is successful;

3、 After locked the system will in sleep mode.

Open

1、 Press “START” screen show as follow:



2、 Press registered fingerprint the door will open or bolt will take back. And delete fingerprint. The system into original state.