

Fingerprint Keypad Safe Module

S4



Operation

FEATURE

- Standard 99 user design
- Main board can drive electric motor, electromagnet.

Parameter:

Sensor: AFOS300 Optical Sensor

Algorithm: BioNANO V10

Fingerprint Capacity:99

Identification Mode: FP, ID+PW

FRR: 0.001%

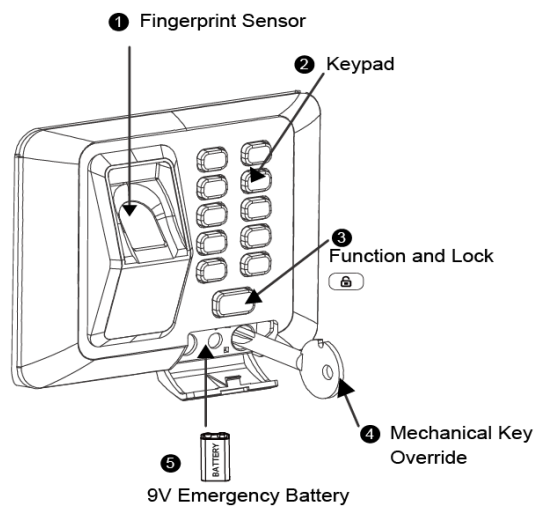
FRA: 0.00001%

Scan Area: 22mm*18mm

Resolution: 500 DPI

Identification Time:<0.5 Sec

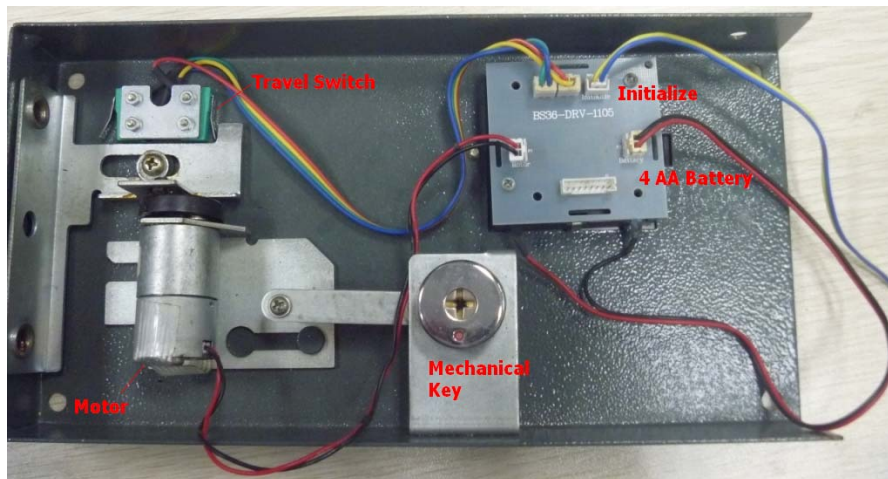
Part1 Front Panel



Part2 Interface Board













Part 3 Mechanical Part:

















Quick Add User

Adding a New Fingerprint User

- 1 Press & Hold  for 3 seconds until you hear 2 short beeps
- 2 Enter the 4 Digit (PC) Programming Code from factory.
FACTORY PC CODE:    
- 3 Press 
- 4 Enter a 2 digit user ID 2 times, the ID number must be from 01-99, this is a unique number that will be assigned to each user.
For example if your user ID is 01 then Enter it 2 times.    
- 5 Now the fingerprint sensor will turn on, following the instructions below for properly scanning fingerprints, place your finger on the bottom of the scanning sensor platen and keeping the finger in contact with the bottom of the sensor bend the finger at the joint & Press it firmly on the center of the sensor platen until you hear 1 beep, then lift your finger off the sensor and place the same finger back down on the sensor platen the same way as previously done until you hear 1 short beep, followed by 3 short beeps indicating you have successfully programmed the user with a fingerprint.

Adding a New User with a PIN number

- 1 Press & Hold  for 3 seconds until you hear 2 short beeps
- 2 Enter the 4 Digit (PC) Programming Code from factory.
FACTORY PC CODE:    
- 3 Press 
- 4 Enter a 2 digit user ID 2 times, the ID number must be from 01-99, this is a unique number that will be assigned to each user.
For example if your user ID is 01 then Enter it 2 times.    
- 5 Now enter the 4 Digit PIN number for the user. Once you have 3 short beeps you have successfully programmed the user's PIN number.
For example if your user codes is 9999 then enter it 1 time    

Operating Instructions

PC

Programming Code
4 Digits

ID



User ID
2 Digits


UC

User Codes
4 Digits

FP

Fingerprint

  scope: 0000—9999

 scope: 01-99

- One ID can register one FP and one UC
- If FP/UC is registered again, the old FP/UC will be replaced
- If no FP/UC is registered, any FP/UC can open

Keypad backlight will flash for low battery indication. When battery power is less than 5.2V, the system will be locked automatically. Please replace batteries. If battery power fails you may use emergency 9V battery terminal.

All safes are shipped in factory default mode to open

Press → LED will turn blue → Press any finger or enter any 4-digit codes → Auto open

Admin Operations

Note: All admin operations below must be done when safe is opened.

IMPORTANT: All safes initially work with the Programming Code **9, 9, 9, 9**. It is important to re-program your safe with a new Programming Code you have personally selected, to provide maximum security. **Please see instructions follow.**

Modify PC Hold (3 seconds) → PC → **8** → new PC

To program new user

Program fingerprint	Hold (3 seconds) → PC → 1 → ID → ID → FP → FP Note: Please place the same finger twice.
Program password	Hold (3 seconds) → PC → 2 → ID → ID → UC

Other operations

Delete user	Hold (3 seconds) → PC → 3 → ID → ID Note: When ID=00, delete all users.
Enable user	Hold (3 seconds) → PC → 4 → ID → ID Note: When ID=00, enable all users.
Disable user	Hold (3 seconds) → PC → 5 → ID → ID Note: When ID=00, disable all users.
Factory Mode Reset	Press reset button while control standby mode (LED not lit) → Press → Release reset button → Function complete Note: After initialization, PC will be restored to 9, 9, 9, 9

To open (normal mode with enrolled users)

Fingerprint	Press → FP → Auto open
Password	Press → UC → Auto open
Emergency key	Open keyhole cover → Plug the key and turn clockwise → Auto open






Fig. A3

Open keyhole cover, insert the key with the positioning notch facing upward and turn clockwise 90° to open.



Fig. A3

After user code is entered incorrectly 3 consecutive times , safe will enter into lockdown mode (All enrolled user codes will be temporarily disable until safe is unlocked)

To open after system lockdown	1. Press  →  → Auto open → Lockdown cancelled
	2. Press  →  → Lockdown cancelled → 

To close

To close	Close the door → Press  → Auto lock
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