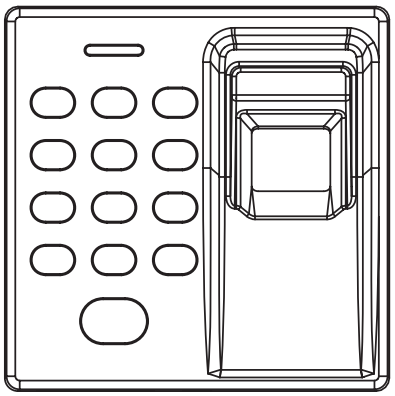
Fingerprint Access Control System

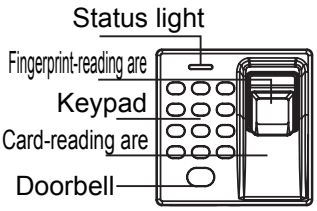
User Manual



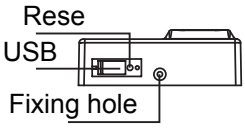
☺ Due to continuous update of our products

I.Product Overview and Installation Instruction

Applicable Models

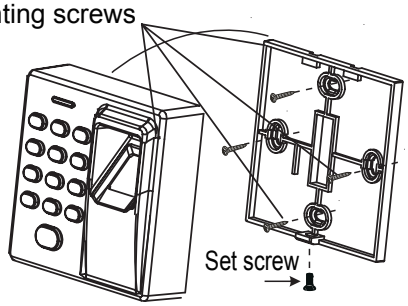


S.N.	Functions
1	Dark-background fingerprint reader
2	Built-in card reader
3	User verification with fingerprint or card
4	Numeric keys
5	Tamper alarm
6	Reading head for data output
7	86mm box-type panel for installation



Operating Environment:
Room temperature: -20°C-+50°C
Relative humidity: 95%
Operating Voltage & Current:
Input DC: +12V
Standby current:≤60mA
Operating current:≤120m

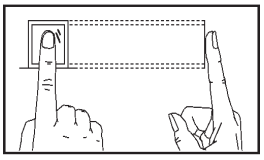
Mounting screws



II.Inputting Fingerprint

Suggested finger: index finger, middle finger or ring finger instead of thumb or little finger

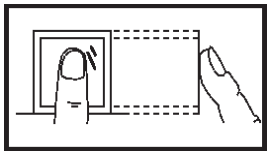
1)Correct method



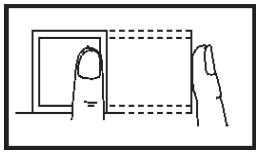
Use the finger to evenly press the center of fingerprint are

2)Wrong methods

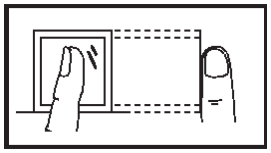
Incomplete touch



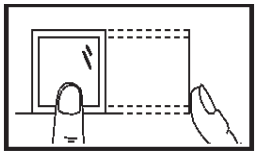
Off cente



Turn sideway



Low position



☺ Please input fingerprint correctly for verification, and improper operation might result in poor performance of this device

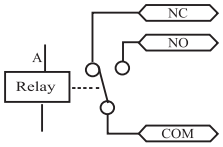
III. Ports & Wiring Diagram

Connect this device and breaker via NO, COM and NC output to separate from internal circuit of this device.

Once relay gets closed, electric lock is released.

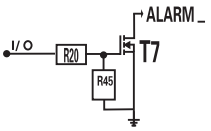
Contact output current:3A;
connection diagram:
please refer to right diagram.

Relay Output Connection Diagra

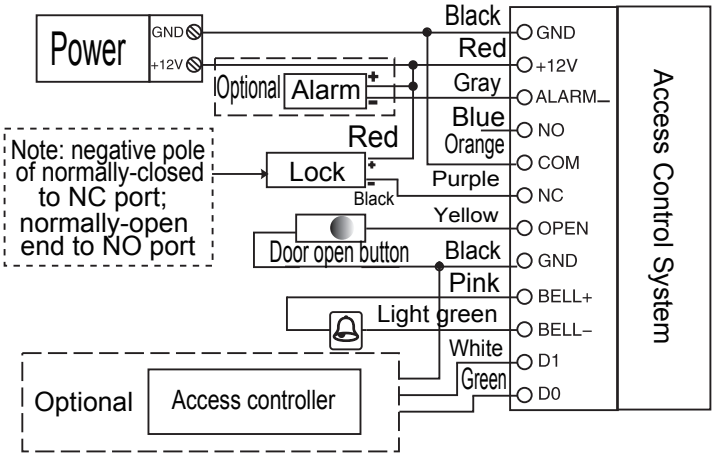


High level output in case of alar

Alarm Port
Connection Diagram



Wiring Diagram



IV.Administrator Operation

1.Press [*]and there is a beep while the red light turns on ⇒ 2.Enter administrator password (initial password: 123456) ⇒ 3.Verification request succeeds (while the blue light turns on) ⇒ 4.Exit (by pressing [#])

Remarks: once verification request succeeds, it is allowed to register administrator and the initial password will be out of use.

4.1 Registering Administrator

1.Enter administrator password for verification.Once verification request succeeds the blue light turns on ⇒ 2.Press (*1) and the orange light turns on ⇒ 3.Register administrator via fingerprint or card(input fingerprint twice or read card once) ⇒ 4.Once registration request succeeds there is a long beep and theblue light blinks once ⇒ 5.Exit (by pressing [#])

Remarks:

1.It is allowed to register at most 5 administrators via fingerprint or card

2.In case administrator quantity reaches the maximum value, they will be cleared according to serial number.

4.2 Missing Administrator Password

1.Power off this device and dismantle it ⇒ 2.Power on tamper switch to give an alarm for 30 seconds ⇒ 3.Enter initial password (*123456)and the blue light turns on ⇒ 4.Register administrator again ⇒ 5.Exit (by pressing “#”)

V:Registering User

5.1 Register Users Automatically

1.Enter administrator password for verification.Once verification request succeeds, the blue light turns on ⇒ 2.Register administrator via fingerprint or card(input fingerprint twice or read card once) ⇒ 3.Once registration request succeeds ⇒ 4.Exit (by pressing “#”)

5.2 Register Users by Adding Employee ID

1.Enter administrator password for verification Once verification request succeeds, the blue light turns on. ⇒ 2.Enter employee ID #(1~4 digits) ⇒ 3.Register user via fingerprint card or password (input fingerprint twiceread card once or enter password twice) ⇒ 4.Once registration request succeedsthere is a long beep and the blue light blinks once ⇒ 5.Exit (by pressing “#”)

VI:User Operation

6.1 User Verification via Fingerprint or Card

1.Standby mode. ⇒ 2.Input fingerprint or read card. ⇒ 3.Verification request succeed (There is a long beep sound and the blue light blinks once.)

Verification request fails.
(it beeps twice and the red light turns on.

6.2 User Verification via Password

1.Standby mode ⇒ 2.Enter employee ID press # to for confirmation and enter password ⇒ 3.Verification request succeed (There is a long beep sound and the blue light blinks once.)

Verification request fails.
(it beeps twice and the red light turns on.)

VII:Deleting Users

7.1 Delete a User

1.Enter administrator password for verification. Once verification request succeeds the blue light turns on ⇒ 2.Press [*2] or enter administrator password ⇒ 3.Enter employee ID# input fingerprint or read card ⇒ 4.In case of incorrect ID# fingerprint or card there is two beeps and the red light turns on

it beeps twice and the red light turns on

5.In case the user is in use delete it. is a long beep There and the blue light blinks once ⇒ 6.Exit (by pressing “#”)

7.2 Delete All Users

1.Enter administrator password for verification Once verification request succeeds the blue light turns on ⇒ 2.Press [*2] or enter administrator password ⇒ 3.Enter (0000#) ⇒ 4.Delete all users There is a long beep and the blue light blinks once ⇒ 5.Exit (by pressing “#”)

VIII:Access Control System Management

8.1 System Settings

1.Enter administrator passwordfor verification(Once succeeds verification request the blue light turns on ⇒ 2.Press [*9] and the orange light turns on ⇒ 3.Set system Press [*90#] for menu initialization press [*91#] for system initialization press [*92#] to delete administrator and then press [#] for confirmation. ⇒ 4.Exit (by pressing “#”)

8.2 Setting Unlocking Time

1.Enter administrator password for verification Once verification request succeeds the blue light turns on ⇒ 2.Press [*3] and the orange light turns on ⇒ 3.Set unlocking time (0~99 seconds and press # to for confirmation) ⇒ 4.Setup succeeds There is a long beep and the blue light blinks once ⇒ 5.Exit (by pressing “#”)

Note: 5 seconds have been set as factory default.

IX:Unpacking

Description	Specifications	Quantity	Remarks
Device		1	
Packaging box		1	
Plastic plugs	¤ 4mm X28mm	4	For mounting and fixing
Self-tapping screws	¤ 4mm X28mm	4	For mounting and fixing
Screwdriver	Rocket screwdriver	1	