Fingerprints+ Card+Passwords

Intelligent internal door lock introduction

Feature

Fingerprints+Card+Passwords function make the door lock safer and more secure:

- ✧ Have the function of preventing others from peeking the password
- ✧ A variety of options of door opening mode, you can open the door by double fingerprints or fingerprint +card +password, etc. In this way, it can strengthen the safety of the door lock
- ✧ A variety of functions are reasonably matched, and the operation mode is simple and easy to remember.
- ✧ Intelligent voice navigation, human-computer interaction, humanized operation
- ✧ You can open the door by remote control, efficient and convenient

Application

- ✧ Residential building
- ✧ Modernized office, office building and school
- ✧ Institution department

1. Summary

1) Introduction

In view of the security and modernized management needs of the residential, office and intelligent communities, we have launched a fingerprint + card + password lock module. Adopted advanced fingerprint identification, non-contact swipe card and password as the door key, and has a variety of options for door opening mode, more flexible, more convenient and securer!

2) Product advantages and features!

✧ You can open the door by fingerprints, card and passwords

✧ You can open the door by remote control, efficient and convenient

✧ A variety of options of door opening mode, strengthening the safety of the door lock

✧ User's addition and deletion adopts numbering management, easy to operate

✧ Have the function of preventing others from peeking the password

✧ Self inspection, intelligent identification function module, quick selection function, such as fingerprint + password

✧ All the components are well-known international brand; the quality is stable and reliable.

✧ The door lock modules are all treated with waterproof, moisture proof and mildew proof.

✧ The door lock modules are tested in high temperature, vibration, aging and so on to adapt to the bad environments.

3) Technical parameter

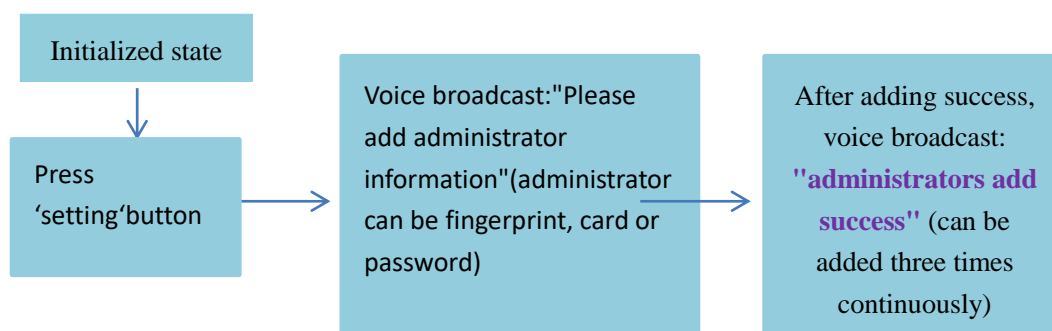|	
Power supply	4.5V-6.5V (4 dry batteries)
Typical quiescent current	<55 micro - an (battery can be used over 1 year)
Working current	<250 MA (strong driven power)
Fingerprint quantity for unlocking	<=300
Card quantity for unlocking	<=300
Password quantity for unlocking	<=300
Control quantity for unlocking	<=120
Resolution:	500DPI
False rejection rate	<= 0.15%
False accept rate	<= 0.00004%
Working temperature:	-10 C ~ 60 C
Relative humidity:	20% to 93%

2. Function and Operation

1) Initialization

Press and hold the "Setting" button (back panel button) for 5 seconds, Voice broadcast:"Initialize successfully"

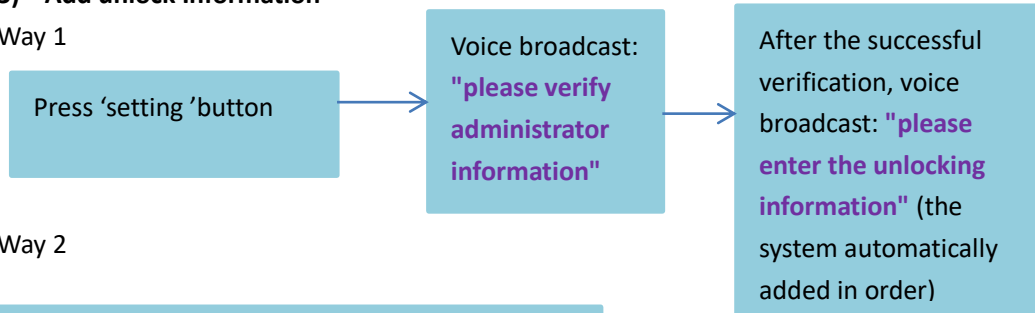Note: the initialization state password is: 123456, or any fingerprint can open the door

2) Add administrator information (up to three administrators)

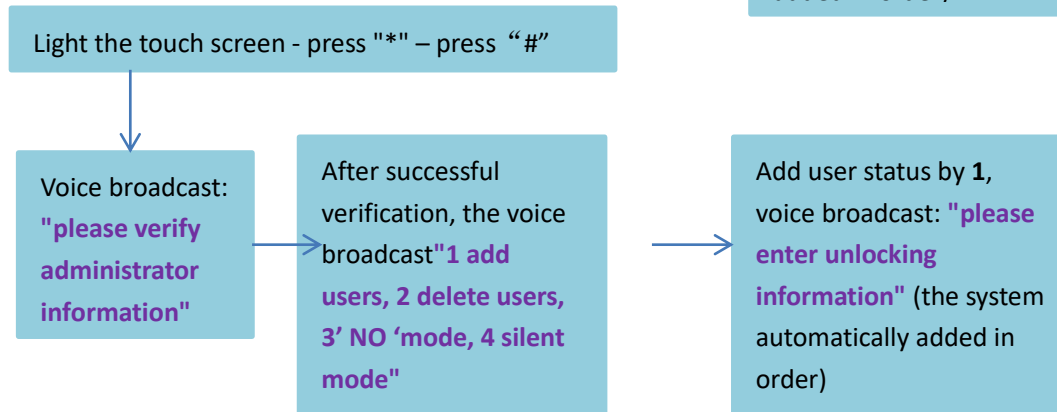Initialized state → Press 'setting'button → Voice broadcast:"Please add administrator information"(administrator can be fingerprint, card or password) → After adding success, voice broadcast: "administrators add success" (can be added three times continuously)

3) Add unlock Information

Way 1

Press 'setting 'button → Voice broadcast: **"please verify administrator information"** → After the successful verification, voice broadcast: **"please enter the unlocking information"** (the system automatically added in order)

Way 2

Light the touch screen - press "*" – press "#"

↓

Voice broadcast: **"please verify administrator information"** → After successful verification, the voice broadcast **"1 add users, 2 delete users, 3' NO 'mode, 4 silent mode"** → Add user status by **1**, voice broadcast: **"please enter unlocking information"** (the system automatically added in order)
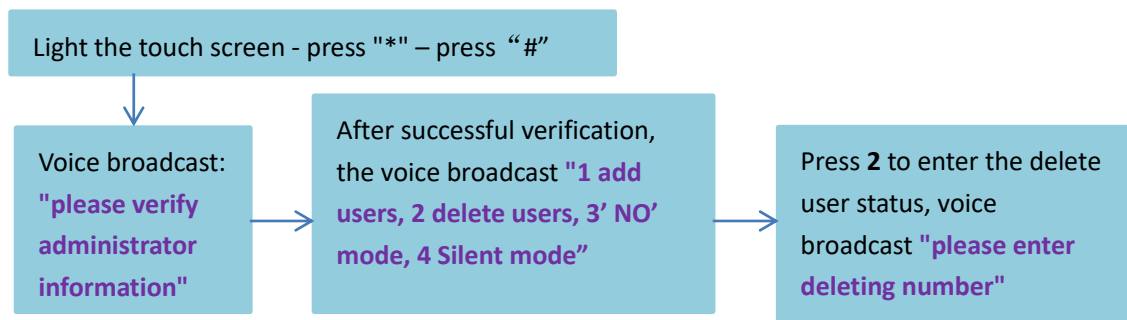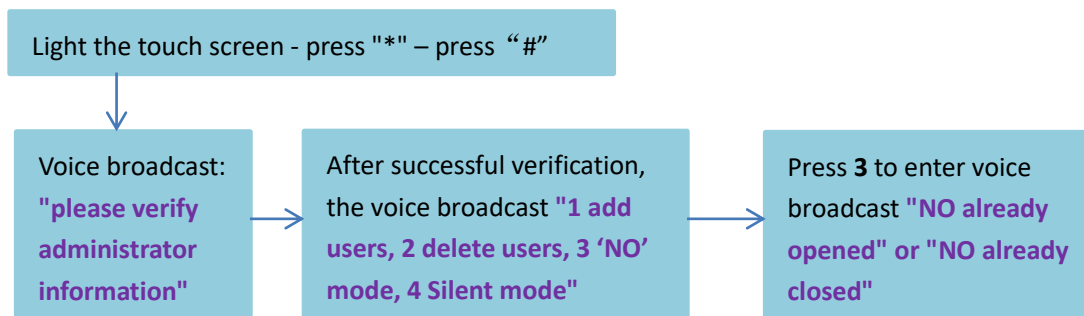
Note: the first 3 unlocking information is the administrator user and the unlocked information is up to 300.
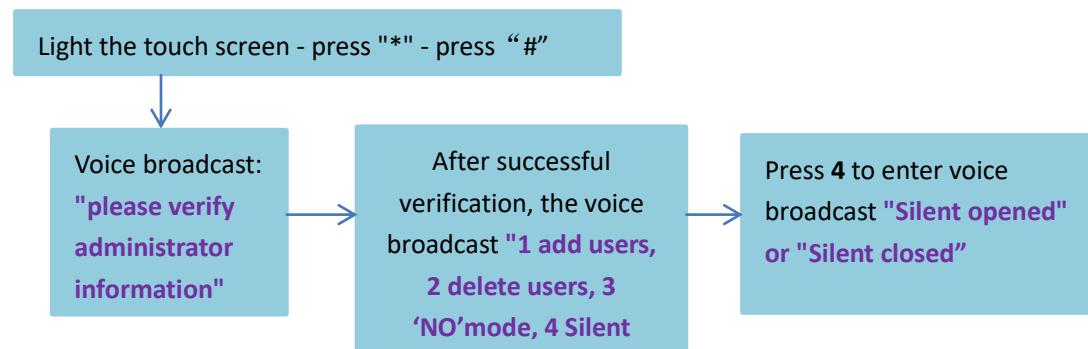
4) Delete unlocking information

Light the touch screen - press "*" – press "#"

↓

Voice broadcast: **"please verify administrator information"** → After successful verification, the voice broadcast **"1 add users, 2 delete users, 3' NO' mode, 4 Silent mode"** → Press **2** to enter the delete user status, voice broadcast **"please enter deleting number"**

5) Normally open (NO) mode

Light the touch screen - press "*" – press "#"

↓

Voice broadcast: **"please verify administrator information"** → After successful verification, the voice broadcast **"1 add users, 2 delete users, 3 'NO' mode, 4 Silent mode"** → Press **3** to enter voice broadcast **"NO already opened"** or **"NO already closed"**

Note: after the NO mode opening every unlock is always NO statue. You need to unlock once manually, otherwise it will not close automatically.

6) Silent mode

Light the touch screen - press "*" - press "#"

| Voice broadcast: **"please verify administrator information"** | → | After successful verification, the voice broadcast **"1 add users, 2 delete users, 3 'NO'mode, 4 Silent** | → | Press **4** to enter voice broadcast **"Silent opened" or "Silent closed"** |

Note: After the Silent mode opening, each unlock is Silent.

7) Other instructions

✧ Continuous input errors more than 6 times, keyboard locking for 1 minute. In 1 minute, the system does not respond to any operation.

✧ Password preventing peeking function: when you open the door by password, please enter the password as follows: XXX password XXX; you can add some irrelevant codes before password and after and then press the confirmation button" # ". The password must be included in it.

✧ The operation system will withdraw automatically if no operational action for more than 12 seconds.

✧ After the voltage less than 4.8V, opening the lock will alarm automatically each time. After alarming, the door lock can be opened in 200 times but if you use it more than 200 times it will enter delay unlocking statue. So you have better update the new battery as early as possible.

✧ In the initial state, input the "555666888#" language switch to support two languages in Chinese and English