**使用说明书**

**User Manual**

**无屏电子智能内门锁**

**Screenless Intelligent Electronic Interior Door Lock**

**指纹+刷卡+密码**

**Fingerprint + Card + Combination**

**智能门锁说明书**

**User Manual of Intelligent Door Lock**

# ——————————————*概述*

# *Overview*

指纹+刷卡+密码智能门锁模块具有操作简单，门锁安全系数高等特点。

Fingerprint + card + combination intelligent door lock module enjoys a variety of advantages, such as simple operation and high security.

**——————————————*产品特性***

  ***Product features***

* 指纹+刷卡+密码功能，使门锁安全更具保障；
* Fingerprint + card + combination that provides the door lock with higher security;
* 具有密码防旁人窥视功能；
* Anti-peeping combination;
* 多种功能合理搭配，操作方式简单易记；
* Reasonable combination of multiple functions, simple and easy operation;
* 智能语音导航，人机互动，人性化操作；
* Intelligent audio navigation, man-machine interaction, user-friendly operation;
* 可配遥控开锁功能，高效便捷
* Remote-control unlocking available, highly efficient and convenient

**————————————*产品应用***

***Scope of Application***

1． 居民住宅

1. Residences

2． 现代化办公室、写字楼、学校

2. Modern offices, office buildings, schools

3． 机关部门

 3. Governmental buildings

一、**概述**

**Ⅰ. Overview**

# 简介

# 1. Introduction

针对住宅、办公室、智能小区的安全防范和现代化管理需求，我们推出了指纹+刷卡+密码门锁模块。采用了先进的指纹识别、非接触式刷卡和密码作为开门钥匙，并且具有多种开门模式可供选择，更灵活、更方便、更安全！

In response to the security protection and modern management of residences, offices and intelligent communities, we have developed this fingerprint + card + combination door lock module where advanced fingerprint identification, non-contact card swiping and combination are collectively used as the keys. In addition, multiple unlocking modes are provided. More flexible more convenient and safer!

# 产品优势和特点

# 2. Product Advantages and Features

* + - 可以使用指纹、卡片和密码开门
		- It can be unlocked using the fingerprint, security card and combination
		- 支持遥控开门,高效便捷
		- Remote-control unlocking is available, highly efficient and convenient
		- 用户的添加和删除采用基于编号的管理，操作简便
		- User addition and deletion are easily made based on serial number management
		- 具有防旁人窥视密码功能
		- Anti-peeping combination
		- 开机自检，智能识别功能模块，快捷选配功能，如指纹+密码或刷卡+密码等
		- Power-on self-test, intelligent identification module, quick matching, such as fingerprint + combination or card + combination
		- 所有元器件均采用国际知名品牌产品，质量稳定可靠。
		- All the components are purchased from internationally-renowned brands with stable and reliable quality
		- 门锁模块均经过防水、防潮、防霉处理，
		- All the door lock modules have received waterproof, dampproof and mildewproof treatment before delivery
		- 门锁模块均经过高低温、振动、老化等测试，适应恶劣环境。
		- All the door lock modules have passed high/low-temperature test, vibration test and aging test to make sure the adapt to any harsh environment

# 技术参数

# 3. Technical Parameters

|  |  |
| --- | --- |
| 电源供应Power supply | 4.5V-6.5V （即 4 节干电池） 4.5V-6.5V (four dry batteries) |
| 典型静态电流Typical static current | <55 微安（电池寿命可超过一年）<55uA (battery life can last over one year) |
| 工作电流Operating current | <250 毫安（驱动能力强）<250mA (high driving capability) |
| 开门指纹数量Number of fingerprints supported | <=300 |
| 开门卡片数量Number of cards supported  | <=300 |
| 开门密码数量Number of combinations supported | <=300 |
| 开门遥控数量Number of remote-controllers supported | <=120 |
| 分辨率： Resolution:  | 500DPI  |
| 拒真率： False rejection rate: | ≤0.15%  |
| 认假率： Fault acceptance rate: | ≤0.00004%  |
| 工作温度： Operating temperature: | -10℃～60℃  |
| 相对湿度： Relative humidity  | 20% ～ 93%  |

二、**功能与操作**

**Ⅱ. Functions and Operation**

# 初始化

# 1. Initialization

按住设置键（后面板按键）5 秒，则语音播报：**“初始化成功”**

Long press the set button (at the rear panel) for 5 seconds until there is a voice prompt: **“initialization completed”**.

注:初始化状态密码为：123456，或任意指纹可开门

Note: enter 123456 as the combination or put any finger on the fingerprint identifier to unlock the door in the initial mode.

1. **添加管理员信息（**最多有三个管理员**）**

**2. Add Administrator Information (Three at Most)**

初始化状态下

In the initial mode

短按设置键

Short press the set button

语音播报：**“请添加管理员信息”**(管理员可以是指纹、密码或卡片)

There will be a voice prompt: **“please add administrator information”** (administrator information can be a fingerprint, combination or security card)

添加成功后，语音播报：**“管理员添加成功”**

（可连续添加三次）

When administrator information is successfully added, there will be another voice prompt: “administrator addition completed”. (Up to three administrators can be added)

# 添加开锁信息

**3. Add Unlocking Information**

方式一：

Approach 1:

验证成功后，语音播报：**“请输入开锁信息”**(系统按顺序自动添加)

Upon successful administrator information verification, there will be another voice prompt: **“please enter unlocking information” (the information is added automatically by the system in sequence)**

短按设置键

Short press the set button

语音播报：**“请验证管理员信息”**

There will be a voice prompt : **“please verify administrator information”**

方式二：

Approach 2:

点亮触摸屏 – 按“\*” – 再按“#”

Power on the touch screen, press “#” after pressing “\*”

语音播报：**“请验证管理员信息”**

**There will be a voice prompt: “please verify administrator information”**

验证成功后

语音播报 **“1 添加用户， 2 删除用户， 3 常开模式，4 静音模式”**

Upon successful administrator information verification, there will be another voice prompt: **“1. Add user; 2. Delete user; 3. Constant-on mode; 4. Mute mode”**

按 1 进入添加用户状态，语音播报：**“请输入开锁信息”**

（系统按顺序自动添加）

Press 1 to enter the user addition mode, followed by a voice prompt: **“please enter unlocking information”**

**(the information is added automatically by the system in sequence)**

:前 3 个开锁信息为管理员用户，开锁信息最多 300 个。

Note: the first three pieces of unlocking information are prepared for administrators; up to 300 pieces of unlocking information is supported.

验证成功后

语音播报 **“1 添加用户， 2 删除用户， 3 常开模式，4 静**

**音模式”**

Upon successful administrator information verification, there will be another voice prompt: **“1. Add user; 2. Delete user; 3. Constant-on mode; 4. Mute mode”**

按 2 进入删除用户状

态，语音播报**“请输入删除编号”**

Press 2 to enter the user deletion mode, followed by a novice prompt: **“please enter the user number to be deleted”**

点亮触摸屏 – 按“\*” – 再按“#”

Power on the touch screen, press “#” after pressing “\*”

语音播报：**“请验证管理员信息”**

**There will be a voice prompt: “please verify administrator information”**

# 删除开锁信息

# 4. Delete Unlocking Information

1. **常开模式**

**5. Constant-on Mode**

点亮触摸屏 – 按“\*” – 再按“#”

Power on the touch screen, press “#” after pressing “\*”

语音播报：**“请验证管理员信息”**

**There will be a voice prompt: “please verify administrator information”**

验证成功后

语音播报 **“1 添加用户， 2 删除用户， 3 常开模式，4 静音模式”**

Upon successful administrator information verification, there will be another voice prompt: **“1. Add user; 2. Delete user; 3. Constant-on mode; 4. Mute mode”**

按 3 进入，语音播报**“常开已打开”或“常开已关闭”**

**Press 3 to enter the constant-on mode, followed by a novice prompt of “‘constant-on mode enabled’ or ‘constant-on mode disabled”**

注:常开模式打开后，每次开锁都为常开状态，不会自动关锁，需手动开锁一次即关锁。

Note: when the constant-mode is enabled, the lock will remain in this mode and will not be locked automatically every time it is unlocked. Unlock manually to relock it.

# 静音模式

# 6. Mute Mode

点亮触摸屏 – 按“\*” – 再按“#”

Power on the touch screen, press “#” after pressing “\*”

语音播报：**“请验证管理员信息”**

**There will be a voice prompt: “please verify administrator information”**

验证成功后

语音播报 **“1 添加用户， 2 删除用户， 3 常开模式，4 静音模式”**

Upon successful administrator information verification, there will be another voice prompt: **“1. Add user; 2. Delete user; 3. Constant-on mode; 4. Mute mode”**

按 4 进入，语音播报**“静音已打开”或“静音已关闭”**

**Press 4 to enter the mute mode, followed by a novice prompt of “‘mute mode enabled’ or ‘mute mode disabled”**

注:静音模式打开后，每次开锁都为静音。

Note: When the mute mode is activated, the lock will remain in this mode every time it is unlocked.

# 其它说明

# 7. Additional Notes

* + 连续输入错误超过 6 次，键盘锁定 1 分钟，1 分钟内系统不响应任何操作。
	+ The keyboard will be locked for 1 minutes if a wrong combination is keyed in for 6 times in succession, during which the system will not response to any operation.
	+ 密码防窥视功能：密码开门时按如下方式输入密码：XXX 密码 XXX；即可在密码前后增加一些无关码，然后按#确认。密码必须包含在所输入的内容中。
	+ Anti-peeping function: unlock by entering the combination in the form of “XXX-combination-XXX”; to do this, add some random numbers in the front of and behind the combination, and then press # to confirm. Note: the correct combination must be included in what is entered.
	+ 每次操作超过 12 秒没操作动作系统将自动退出
	+ The system will automatically turn deactivated in 12 seconds without new operation.
	+ 电压低于 4.8V 后每次开锁都会自动报警后，报警后门锁可开锁 200 次，超过次数后每次开锁作延时开锁处理，务必在开锁次数前更换新电池。
	+ When the battery level drops below 4.8V, an alarm will be sounded every time it is unlocked. In this case, the lock can still be operated for 200 times, after which the unlocking operation will be delayed. See to it that the batteries be replaced before this happens.
	+ 初始状态下，输入“555666888#”语言切换，支持中英文两种语言
	+ In the initial mode, enter “555666888#” for language switch between English and Chinese