FINGERPRINT CARD ACCESS CONTROL SYSTEM



Please read the instruction manual carefully before use for proper use.

01/ Product Introduction

This product is a non-contact induction access control system that supports fingerprint, card, password, and card+password unlocking. and supports normally open mode. It is suitable for magnetic locks, electric mortise locks, motor locks, electric induction doors and other accessories.

Features

0.96-inch display screen, Full touch buttons, 6000 user card large capacity, switchable Wiegand input and output, supports WG26 and WG34 protocols, can add 315M remote control, surface water-proof and full water-proof optional.

Technical Parameters

Serial Number	Function	Parameter
1	Operating Voltage	DC9 -16V
2	Quiescent Current	< 30mA
3	Working current	< 100mA
4	User capacity	6000 Cards, 100 Fingerprints
5	Card reader type	ID/IC dual band
6	Unlocking method	Fingerprint, Card, NFC, Password
7	Remote unlock	" Tuya" WIFI
8	Reading distance	⩾2 centimeters
9	Button Type	Full touch button
10	Output mode	NO COM NC contact
11	Wiegand interface	WG26/34 input/output switchable
12	Operating mode	Support normally open function
13	Remote control frequency	315M remote control pairing code
14	Waterproof type	Surface water-proof/full water-proof
15	Operating temperature	-20℃ ~ 60℃
16	Working humidity	0 ~ 95%
17	Product Size	136*70*18mm
18	Product Material	ABS panel+zinc alloy shell

02/Common Function Setting Methods

The machine is in experience mode when it leaves the factory, and can be successfully unlocked through any method. Before officially enabling it, you need to enter the menu and add the management password. After adding it, the experience mode will be automatically turned off.

Long press the "#" key to verify the administrator to enter the settings menu.

- **1.Registration Administrator**
  - Registration management password
- **2. Registered User**
  - Registration card or fingerprint — Registration card / Registered fingerprint
  - Modify user
  - Door opening password
  - Open door remote control
- **3.delete user**
  - Delete door opening password
  - Delete door opening remote control
  - Delete Number
- **4.System settings**
  - Door opening delay (1-20s)
  - Volume setting (0-15)
  - Language settings (Ch/En)
  - Normal Open Mode (Off/On)
  - Time setting
  - Standby light off (Off/On)
  - Wigan settings (Off/In/26/34)
- **5.Wireless settings**
  - Power pairing password 168
  - Network pairing (Off/Re/On)
  - Bluetooth Settings (Off/Re/On)
- **6.Clear users**
  - Clear password (NO/Yes)
  - Clear remote control (NO/Yes)
  - Clear all (NO/Yes)

Note: The # key is the confirm key, the ★ key is the return key, the 2 key is the up/increase key, the 8 key is the down/decrease key, Weigen is set to 26,which is Weigen's output mode of 26; Weigen is set to 34 and outputs the 34 mode for Weigen.

03/ WiFi network pairing (optional)

Tuya WiFi

WiFi network configuration instructions:

You can directly search for "Tuya" in the app market to download the app,or scan the QR code on the right to download the app.

If you are downloading and using it for the first time, please click the "Register" button to register an account. If you already have an account, click the "Login"button.

Tuya Smart APP

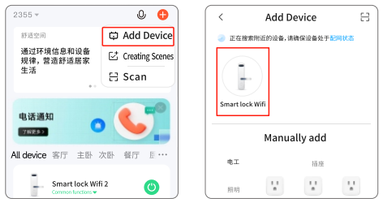
1.Open the app, create a new account or log in to an existing account;

2. To add a device, first connect your phone to the router WiFi, which only supports 2.4G single frequency network;

3. Enter WiFi pairing mode: Enter the settings menu → Wireless settings → Network pairing, select the RE option, and then press the # key to confirm.

4. Open the "Tuya" app, in the upper right corner of the homepage, select Add Device,and you can choose between automatic search and manual addition.

Automatic search: After clicking on "Add Device", a device will appear at the top of the interface. After confirming the addition, enter the WiFi name and password, click "Next", and wait for 1-3 minutes for the device to be successfully added.



Manual search: Select "Camera/Lock"—"Door Lock (WiFi)", confirm that the device is in network configuration and enter WiFi Name and password, click Next, confirm that the keyboard light is flashing and WiFi is connected quickly, enter the add device state, and wait 1-3 minutes, a device will be found and added successfully.



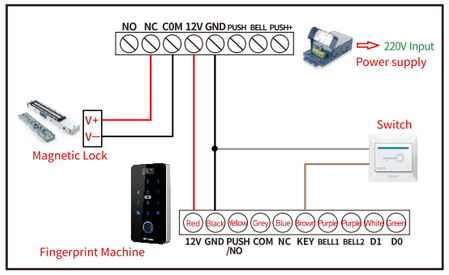
After the successful distribution network, the mobile app can remotely unlock it.

04/ Wiring diagram

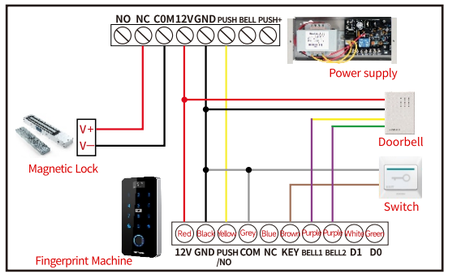
Red	12V	Positive power supply
Black	GND	Negative pole of power supply
Yellow	PUSH/NO	Signal normally open output
Grey	CO	Signal common
Blue	NC	Signal normally closed output
Brown	KEY	Exit button
Purple	BELL	Doorbell interface
Purple	BELL	Doorbell interface
White	D1	Read head data D1
Green	D0	Read head data D0

Note: Please refer to the letter for wiring, the color of the cable maybe deviated.

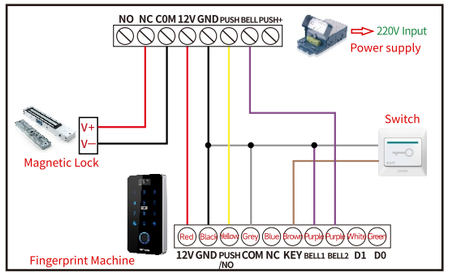
5.1 Wiring Diagram 1



5.2 Wiring Diagram 2



5.3 Wiring Diagram 3



05/ After sales service and support

Warranty principle:

The Company provides a lifetime service for the products sold. Within one year from the date of purchase, the company provides free warranty service; but without any freight, for products beyond the shelf life, the company may provide paid maintenance service.

Free warranty services are not provided under the following circumstances:

1. Damage caused by human factors, including the damage caused by abnormal working environment and not using according to the instructions;

2. Disauthorized disassembly, self-maintenance, refit or maintenance by units not authorized by the Company or damage due to other irresistible factors.

WARRANTY CARD

User card number			
Product name		Model	
User Name		Address	
Telephone		Purchase date	
Distributor			

SERVICE AND MAINTENANCE RECORDS

Maintenance Record	Failure cause	Replacement parts	Maintenance time	Maintenance technician
First time				
Second time				
Third time				

Insurance instructions:

1. Please keep this warranty card properly as proof of repair;
2. This product implements the national three guarantee policy;
3. Within one year of purchasing this product, if it meets the above warranty principles, our company will provide free repairs. If the product is damaged due to improper operation or other human factors, we will charge for parts and repair costs.