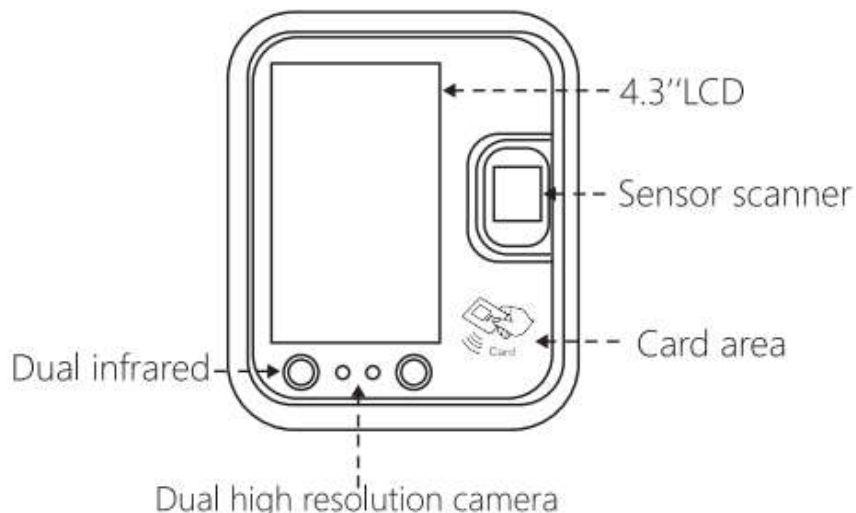




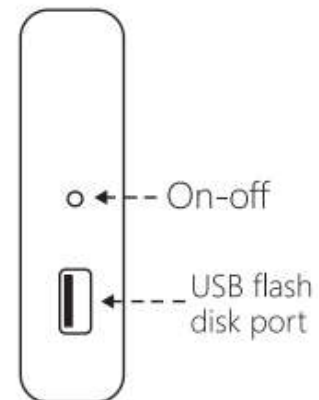
## Face and fingerprint access control manual guide

### 1.Appearance introduction

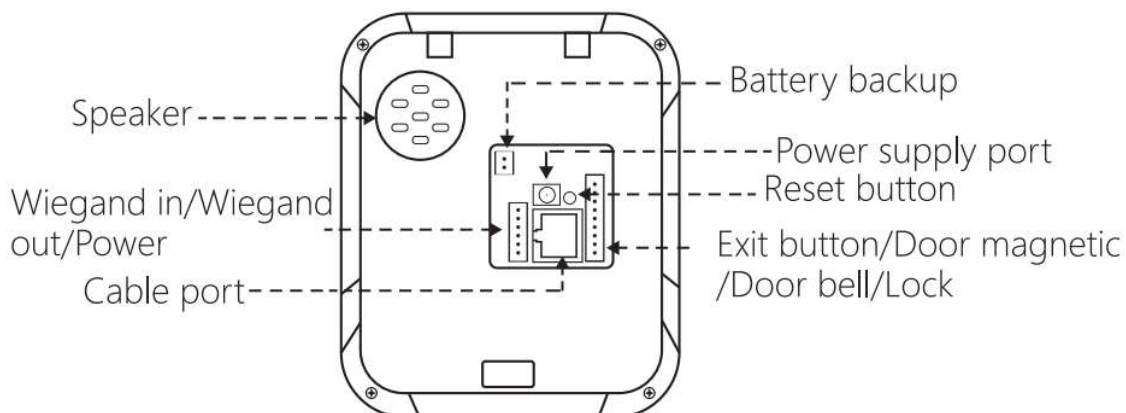
The front side



The bottom

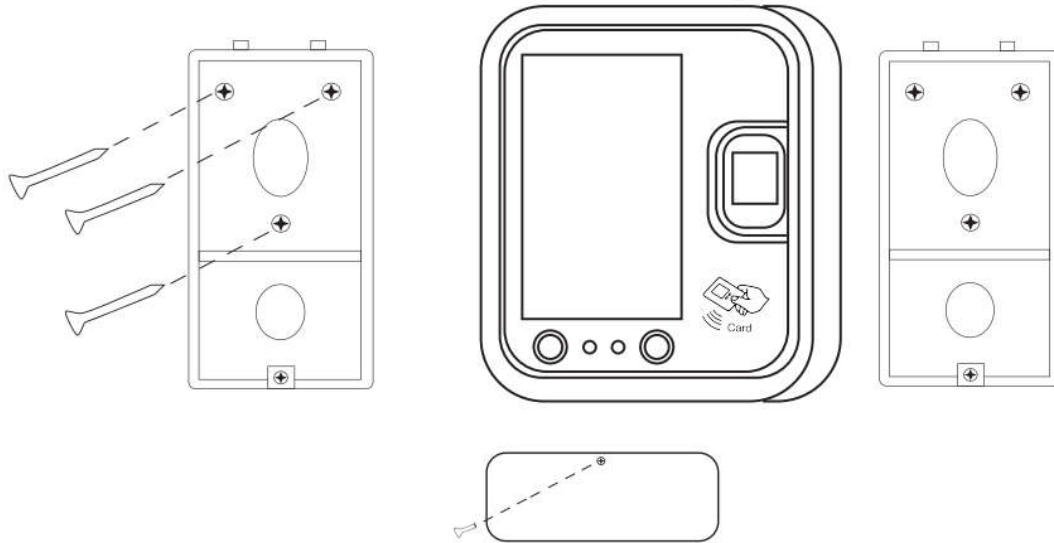


The reverse side



## 2.Installation on the wall

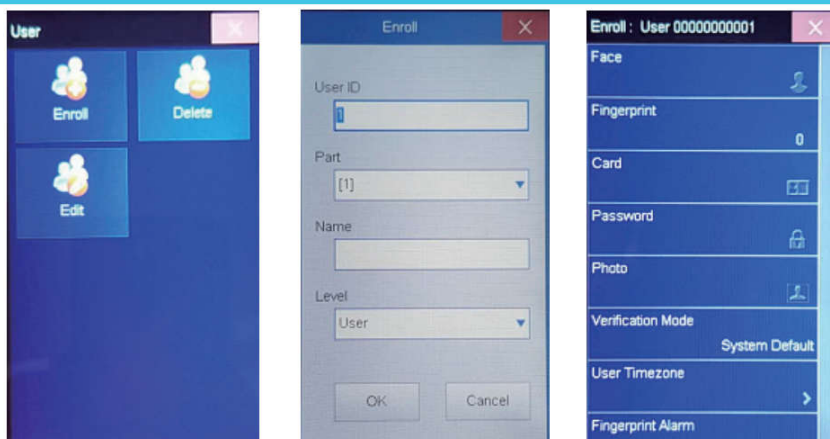
- 1) Recommended installation location is 110CM higher than the ground.
- 2) Make mark of the holder on the wall where to install the device.
- 3) Drill holes according to the marks.
- 4) Anchor the holder on the wall.
- 5) Put the device on the holder, fix it, and charge it.




## 3.Pay attention


- 1) do not operate when charging .
- 2) 12V/1A power supply is recommended.
- 3) please do not install the devices where is moist or with a direct sunlight
- 4) please read the schematic diagram of the access control wiring and follow the rules strictly.
- 5) when the static electricity is strong, please first connect the ground wire and then connect other wires to prevent the static electricity from damaging the machine.

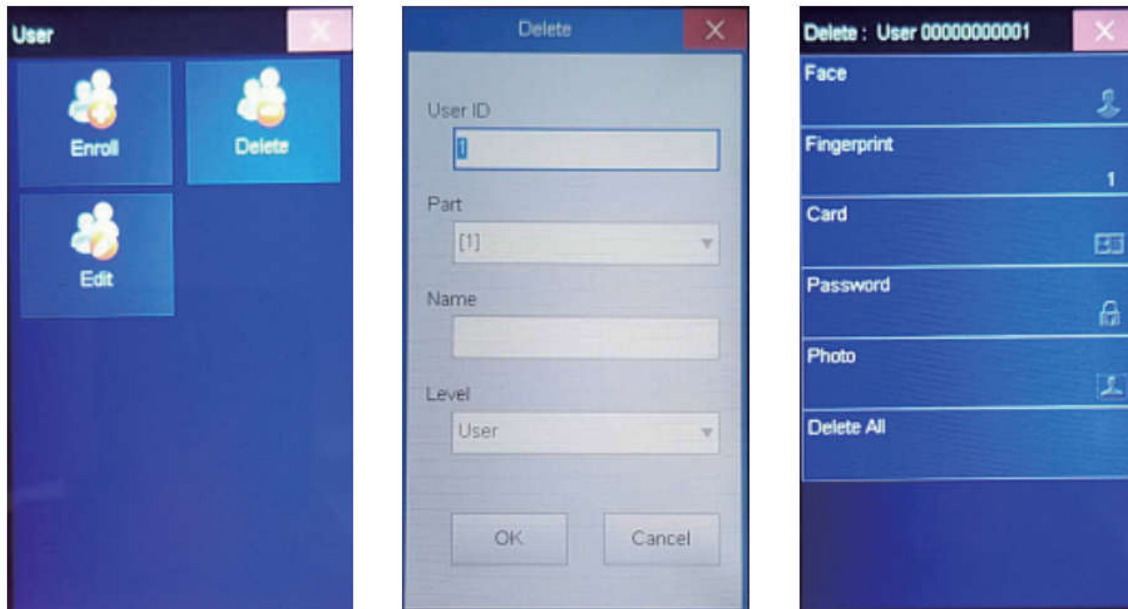
## 4.Add new users




Press  > user management > user registration. After entering the work number, department, name and level, click "ok" to select face, fingerprint, card and password for registration.(note: the work number is related to the attendance record. Please record the work number)

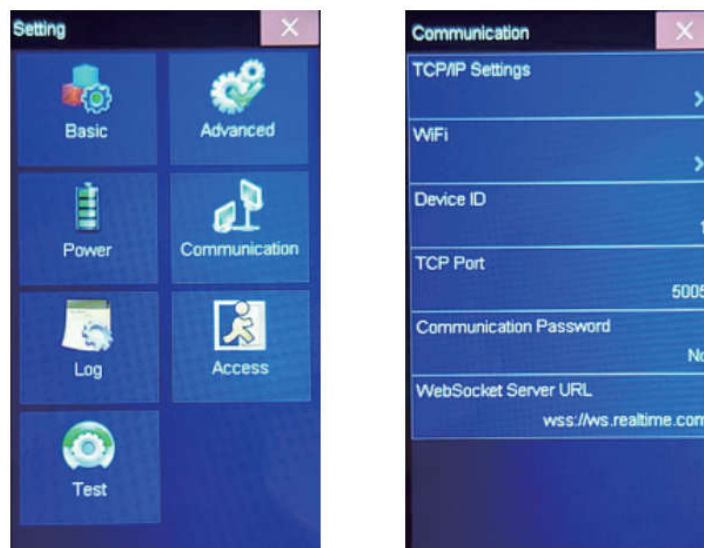
## 5.User delete

Press  > user management > delete users, enter the required number of users to delete, select one of the face, fingerprint, card and password to delete, or delete all data.

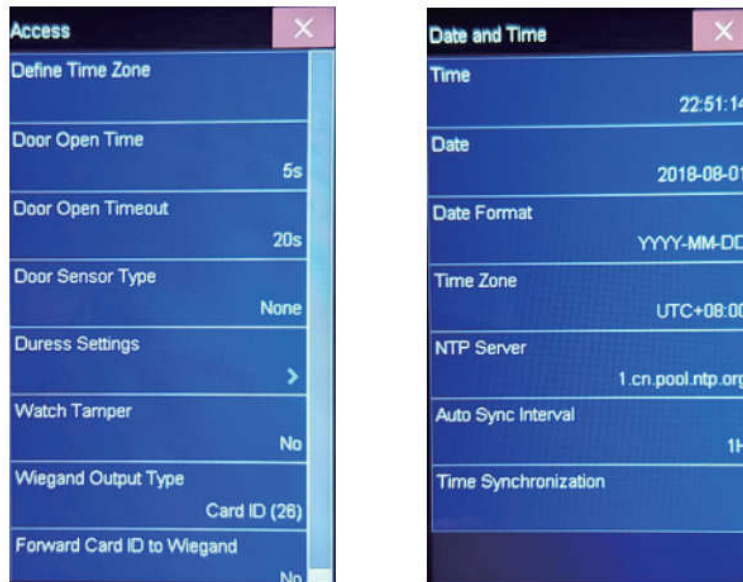


## 6.Set the machine number

Press  > device setting > communication Settings, modify the machine number directly



## 7.Change the time and date



Press > device setting > advanced Settings, enter the time setting and date setting interface.

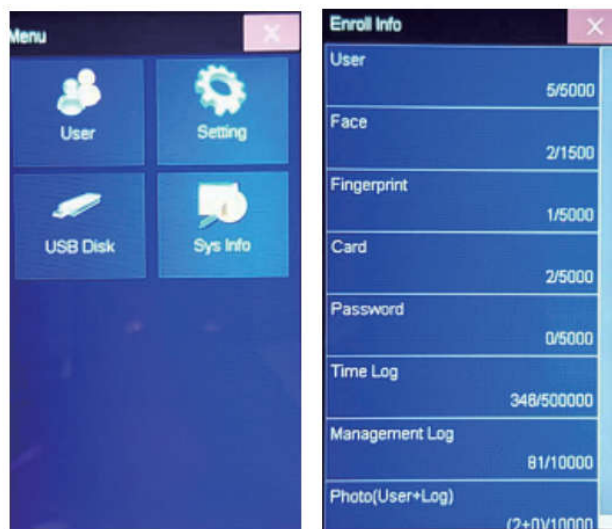
## 8.USB drive management

2.Press > USB drive management > download the attendance records saved in the attendance machine to the USB drive Form a TXT file, such as "ALOG\_001.TXT" Insert the USB drive into the computer, and use the "data collection" > "data import" in the attendance management software to import this attendance data into the software

2) Press > USB drive management > download management records , and download the management records saved in the attendance machine to USB drive and form a TXT file, such as "SLOG\_001.TXT".


3) Press > USB drive management>download user information, and download the user information saved in the attendance machine to USD drive, form a DAT file, such as "enrollment db.dar"

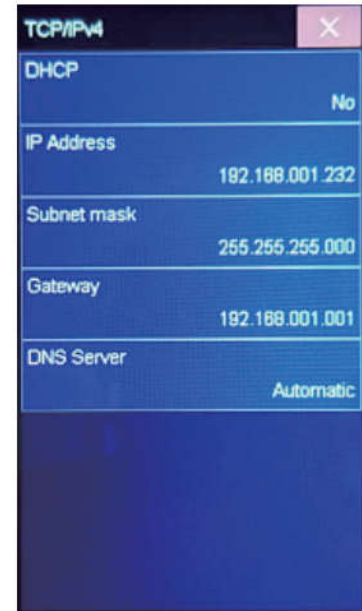
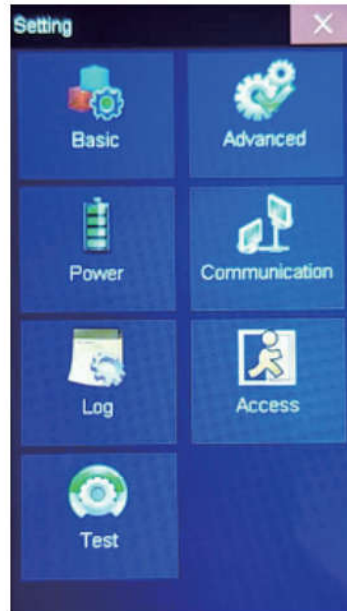
4) Press > USB drive management> uploading user information, download the employee information from the same type of machine and upload it to this machine.



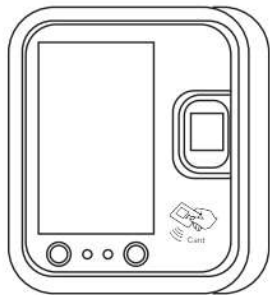


## 9.Set network parameters

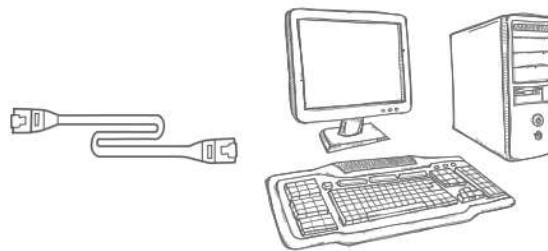
1) Press setting  > device setting > communication setting > TCP/IP setting > TCP/IPv4, enter the network setting interface.



2) Connect devices and computer software via Ethernet, example as below.




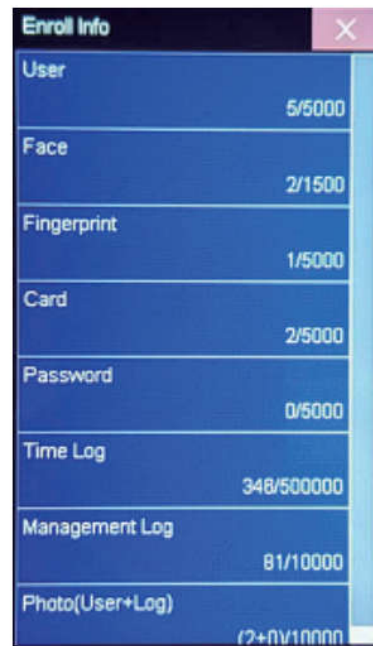
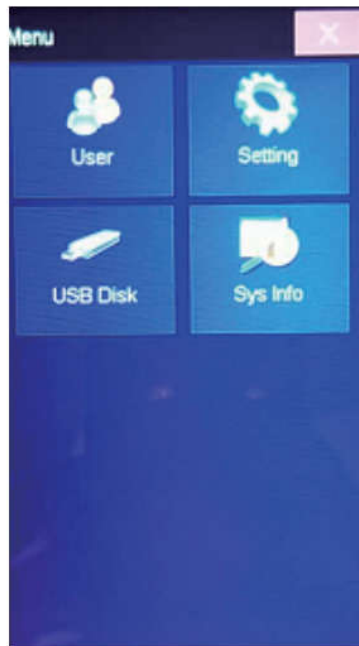
IP address: 192.168.1.224  
Subnet mask: 255.255.255.0  
Default gateway: 192.168.1.1



IP address: 192.168.1.100  
Subnet mask: 255.255.255.0  
Default gateway: 192.168.1.1


## 10. Enquire registration information

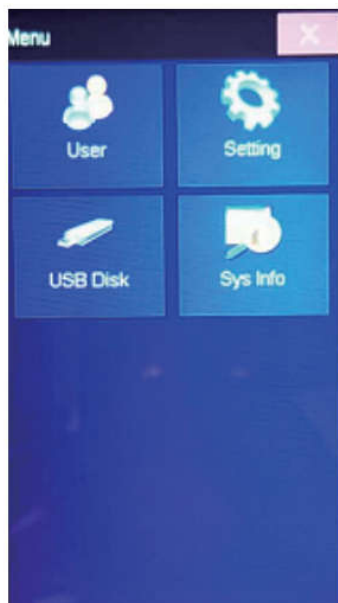
Press  > data query > registration information query, users, faces, fingerprints, CARDS and passwords registered by the machine query.



Enroll Info	
User	5/5000
Face	2/1500
Fingerprint	1/5000
Card	2/5000
Password	0/5000
Time Log	348/500000
Management Log	81/10000
Photo(User+Log)	(2+0)/10000

## 11. Verify record query

Press  > data query > advanced query > verification record query, input the corresponding work number, or press the corresponding fingerprint, or the corresponding card or face authentication, can see the attendance of the corresponding personnel.



View Time Log

Place Finger or Verify Face

Face Verify

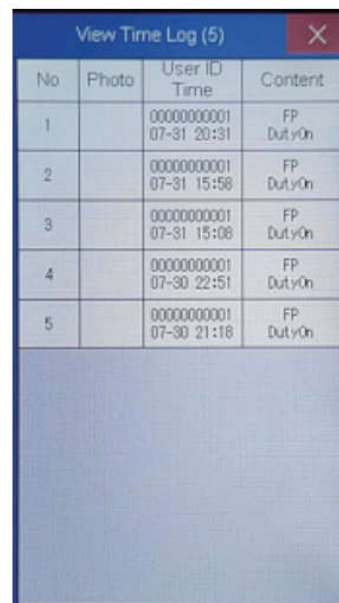
User ID

Date

From

To

Search Cancel



No	Photo	User ID	Time	Content
1		00000000001	07-31 20:31	FP DutyOn
2		00000000001	07-31 15:58	FP DutyOn
3		00000000001	07-31 15:08	FP DutyOn
4		00000000001	07-30 22:51	FP DutyOn
5		00000000001	07-30 21:18	FP DutyOn

## 12.Access control setting

Press  > equipment management > access control Settings.

【time period setting】 : according to the user's access rules and regulations, the daily transit time shall be set as the corresponding time, and the weekly travel time shall be set as the corresponding time.The device can be set up to 50 time periods.

【Door Open Time】 : Set a reminder for when time logs exceed a certain number.

【Door Open Timeout】 The duration after which alarm will sound if the door stays open.

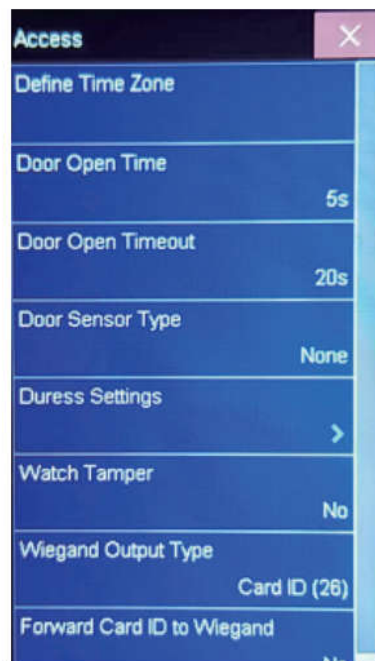
【Door Sensor Type】 Set the door sensors to always “open” or “close”

【Duress Setting】 The option to activate alarm with a preset duress password, and to set the delay before alarm.

【Watch Tamper】 Toggle tamper prevention alarm on/off.

【Wiegand Output Type】 Choose the Wiegand output to be 26/34 bits format (Device ID+User ID / Card ID / UserID).

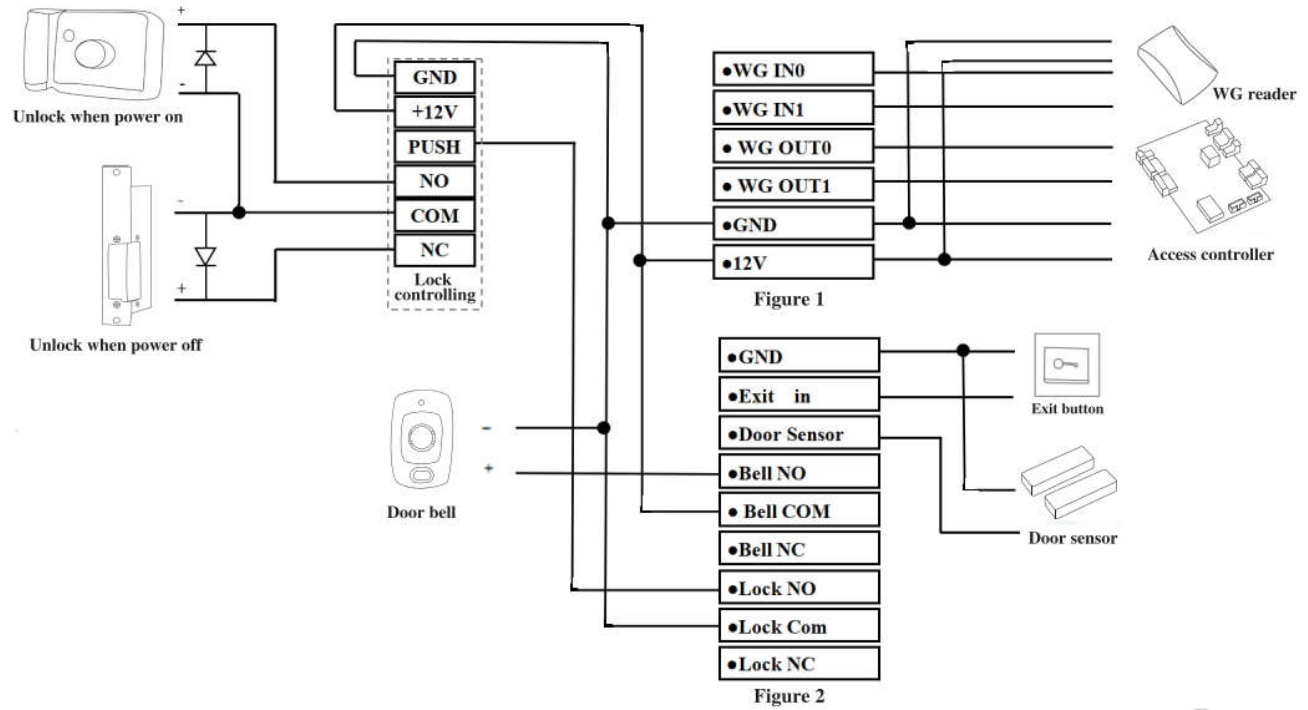
【Forward Card ID to Wiegand】 Set this to yes if you would like to use a third-party external card reader that supports Wiegand wiring protocol.



The screenshot shows a mobile application interface for 'Access' control settings. The menu is titled 'Access' with a close button (X) in the top right corner. The settings listed are:

Setting	Value
Define Time Zone	
Door Open Time	5s
Door Open Timeout	20s
Door Sensor Type	None
Duress Settings	>
Watch Tamper	No
Wiegand Output Type	Card ID (26)
Forward Card ID to Wiegand	No

# 13.Schematic diagram of access control wiring



White	WG IN0
Green	WG IN1
Blue	WG OUT0
Yellow	WG OUT1
Black	GND
Red	12V


Figure 1

Black	GND
Purple	Exit in
Brown	Door Sensor
Orange	Bell NO
Gray	Bell COM
White	Bell NC
Green	Lock NO
Blue	Lock COM
Yellow	Lock NC

Figure 2



## 14.Trouble removal

- 1) Face cannot be read successfully or read slowly.
  - Make sure face appears in the lock box without any shielding.
- 2) Fingerprint cannot be read or read slowly.
  - Check whether the finger is pressing directly above the fingerprint collection window or if the skin is worn.
  - Check whether the fingerprint collector is wet or dusty, wipe it with a cloth and press it again.
  - If your fingers are too dry, make it little wet and press again.
- 3) Verify but cannot open the door.
  - Check whether the user rights settings are right or not.
  - Check whether the wiring of electric lock and door opening signal is correct or not.
- 4) When communicating with Ethernet, the software detects that the device cannot be connected online.
  - Check whether the machine number on the software is the same as it is in device, and whether the PING machine IP can be connected. Make sure the machine number and network are normal before rechecking online.
- 5) Records cannot be found in the original software records.
  - Check whether there is the corresponding employee registration number in the employee information, whether the date of entry is correct, and then collect all data again.
- 6) Remind"verification record warning".
  - Press  > device setting > record setting, and change the verification record warning to "0".