

4.3 inch smart fingerprint face access control machine

Product Advantages

- 1、 Using binocular HD live camera
- 2、 Support WDR and strong light suppression technology
- 3、 Support mask recognition algorithm
- 4、 Support helmet recognition algorithm
- 5、 Support for biopsy recognition algorithm
- 6、 With LCD IPS full-view high definition screen
- 7、 With AI high-performance CPU
- 8、 Built-in watchdog, abnormal automatic restart
- 9、 All interfaces come with wrong line protection
- 10、 All interfaces come with anti-interference protection
- 11、 Support CS desktop management system
- 12、 Support BS cloud platform system
- 13、 Support cell phone APP remote management
- 14、 Support WeChat small program control to open the door
- 15、 Support OTA upgrade, or USB flash disk firmware upgrade

- 16、 Support touch menu management
- 17、 High-capacity personnel information (2000 personnel)
- 18、 Large capacity record information (200000 records)
- 19、 Support identification record photo saving
- 20、 Optional ID card, IC card, CPU card, NFC card swipe card to open the door
- 22、 Support the function of picking back the information of people (the data of people in the face machine will be collected back to the computer)
- 23、 Support U disk backup data and restore data function
- 24、 Support offline independent time and attendance, USB flash disk export report
- 25、 Support face recognition distance adjustable (optional far, medium, near)
- 26、 Support live inspection (reject photos, cell phone video to open the door)
- 27、 Support a variety of authentication methods: fingerprint, face, password, swipe card, multiple simultaneous attendance, authentication comparison
- 28、 Support Wiegand output
- 29、 Support Wiegand input
- 30、 Support fire alarm, door magnetic alarm function
- 31、 Support attendance alarm function
- 32、 Support high-speed TCP/IP communication
- 33、 Support WIFI communication (some models support)
- 34、 Support Bluetooth to open the door (some models support)
- 35、 Support fixed time constant open function
- 36、 Support blacklist identification alarm
- 37、 support illegal verification of the door alarm (some models support)
- 38、 Support duress alarm (some models support)
- 39、 Support 64 groups of time period selection (64 groups * 7 days * 8 segments)
- 42、 Support alarm function
- 43、 support for verification-free door opening function (no need to register, as long as the face can open the door)
- 44、 Adjustable range of opening time (0.5 - 65535 seconds)
- 45、 adjustable fill light: automatically bright, always bright, deactivated three modes can be selected
- 46、 Support for 18 national and regional languages (text and voice)
- 47、 Support real-time monitoring function
- 48、 Support the door is always open function (temporary non-locking door function)
- 49、 Support the accumulated days of equipment use record function
- 50、 Support company name display function
- 51、 Support menu password management function (you can also use a human face as administrator)
- 52、 Support fingerprint cabinet lock function
- 53、 Provide secondary development SDK and information
- 54、 Support OEM information definition

Technical parameters.

Main uses: access control, time and attendance

User capacity: support 1000 fingerprint, support 1000 face library

Record capacity: 200,000 records, 50,000 photo records

Identification distance: 0.3 m - 3 m

Operating voltage: DC12V (9~14V)

Operating current: 2000mA

Recognition speed: < 0.3S

Working environment: Temperature: -10 ~ 65°C;

Humidity: 10 ~ 90%, non-condensing comparison method: 1:N / 1:1

Communication method: TCP/IP (optional WIFI)

Firmware upgrade: support OTA upgrade, or U disk firmware upgrade running system: LINUX system

Storage capacity: memory 1GB DDR3, storage 8GB EMMC camera: wide dynamic binocular million HD camera

Display: 4.3 inch SD screen

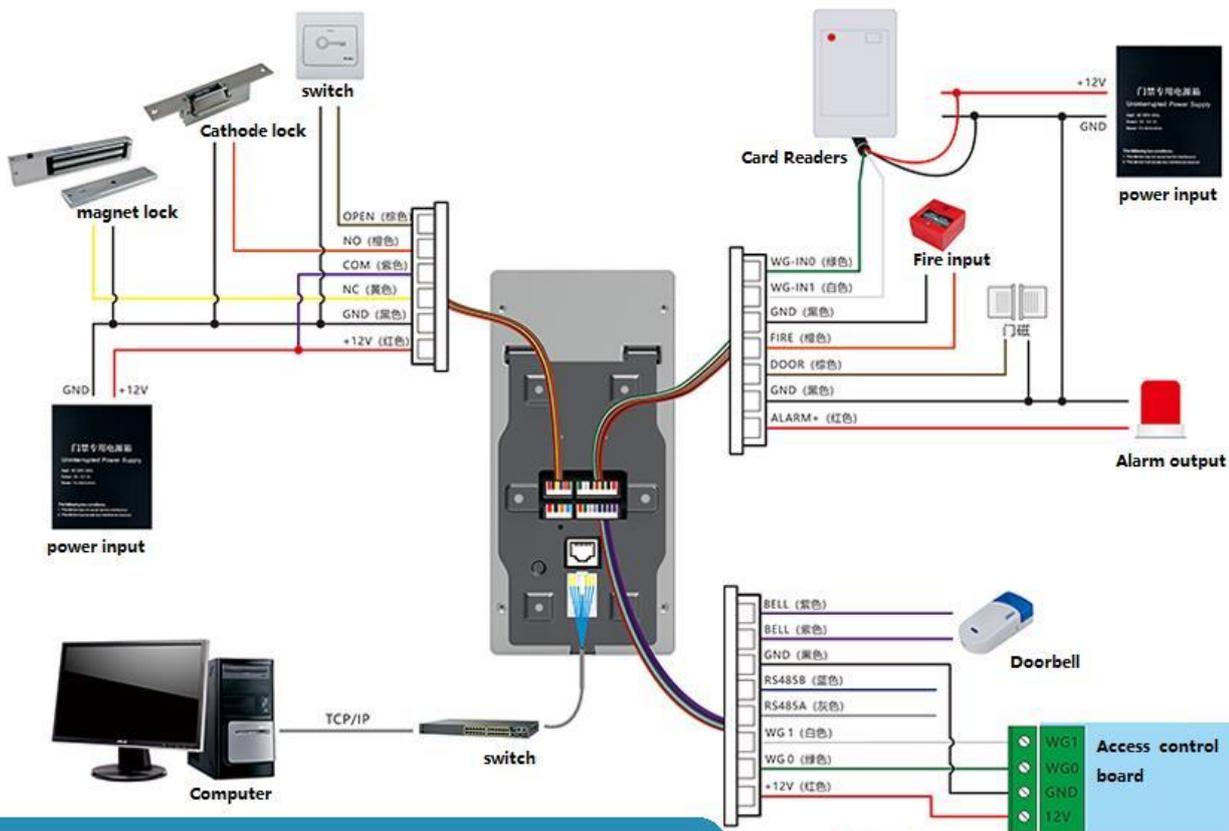
Algorithm support: mask recognition, live identification, helmet recognition access control interface protocol: Wiegand26/34/66

Other interfaces: Exit switch × 1, door magnetic interface × 1, fire input × 1, alarm output × 1, Wiegand output × 1, Wiegand input × 1, door lock control × 1, USB × 1, RS485 × 1

Management mode: touch management, CS system management, BS cloud system management (cell phone management, WeChat management)

Registration method: face, fingerprint, password, IC card (optional support CPU card, ID card, IC card, ID card)

Wiring diagram.



Wiring requirement: AC220V power cables: You are advised to use 3x0.1mm (or more) cables to prevent leakage. The ground cables of the power cables are advised to be grounded.

Electric locking wire: 2x1.0mm (or above) wire must be used, and the maximum length of the wire should not exceed 50m.

TCP/IP communication cables: Use standard network cables. The maximum length of the cables should not exceed 100m.

The door status sensor or exit switch cable: 2x0.5mm(or higher) wire is recommended. The maximum length of the cable should not exceed 100m.

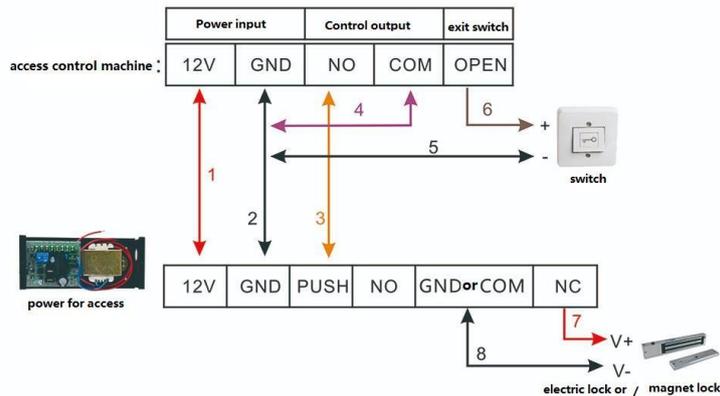
Wiegand signal cable: it is recommended to use 4x0.5mm(or above) wire, and the maximum length of the line should not be more than 80m.

Remark

Adding power off type lock (such as electric plug lock or magnetic lock) the correct wiring: the positive terminal of the electric lock to the power supply +12V, the negative terminal of the electric lock to the NC of the face machine, the COM of the face machine to the GND of the power supply

Add electric opening type lock wiring: the positive terminal of the electric lock to the +12V of the power supply, the negative terminal of the electric lock to the NO of the face machine, the COM of the face machine to the GND of the power supply

Wiring diagrams.



Product Use

Main Menu

Click the "firmware version area" at the bottom left corner (as pointed out by the arrow in the main interface diagram below) to switch to "administrator identification", verify the administrator's face, and then enter the face machine management menu. Or click "Administrator Identification" to enter the interface of entering management password, enter the administrator password, click "OK" to enter the face machine management menu (if no password or administrator is set, the system will not require authentication management password or administrator).



Main Interface



Menu screen

User Management

Click "User Management" under the menu to enter the user management menu, under which you can do "Register User", "User Browse", "Department". Under this menu, you can perform operations such as "Register User", "User Browse", "Department", "Registration Information Backup", "Registration Information Restore". etc.

Registered Users

Click "Register User" to start registering a new user, enter the number, name, and then click the "Register User" button to select the registration type: registration face, registration card, and registration password.

Choose to click on the Register Face button and follow the Face Machine prompts to look at the camera to register your face, as shown in the image below:



User Management Interface



Registration User Interface



Registration Face Interface

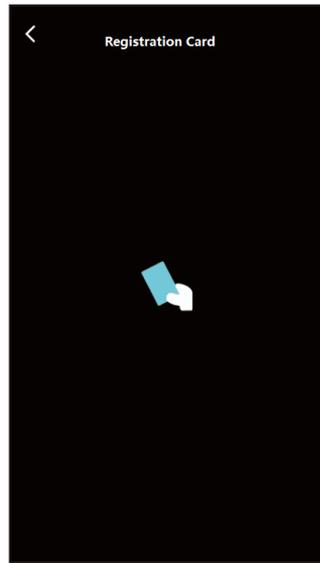


When registering your face, you need to pay attention to the camera head. To ensure the quality of face parameter entry and the accuracy of comparison, keep a natural expression during the entry process, do not wear hats, glasses and other accessories that affect the collection of facial features, do not let the bangs cover the facial features, and do not wear heavy makeup. After the device has selected a facial photo, please click on the "Register" button as shown below to complete the facial registration.

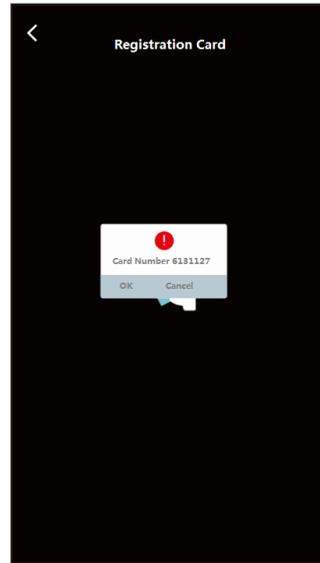
- 1, select the registration card, the interface shown below appears, at this time, please swipe the card in the swipe area.
- 2, the face machine will recognize the card number, as shown in the figure below, click "OK" to complete the registration card.
- 3, select the registration password, a pop-up box to enter the password and numeric keyboard, enter the password (password length 1 - 9 digits) click "OK", and then enter once to confirm the password click "OK" to complete the registration password, as shown in the figure below.



Registration face interface



Registration Card Interface



Registration card interface



Enter password interface

User Browse

Click "User Browse" to search and browse registered users, and by default they are listed according to number size, and you can also modify the details of registered users. You can click "previous page" and "next page" to turn the page to query the display; you can query by number, click "query number", enter the number and click "You can search by name, click "Search Name", enter the name and click "OK" to search the corresponding name of the person.



User browse interface

Query the user that needs to be modified, click on the user, you can view the details of this user. You can modify the name, card number, password, department and authority of the person, or you can re-record the face, or you can delete the user directly.

You can set the user as administrator through permission modification.

Department Setting

Click "Department Settings" to add department information, so that you can manage personnel information by department.

Registration Information Backup

Click "Registration Information Backup" to backup the registered person information to a USB flash drive.

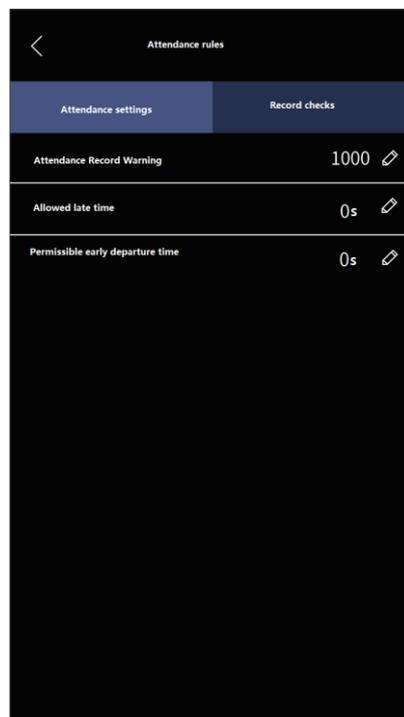
Registration Information Restoration

Click "Restore Registration Information" to restore the information saved in the U disk to the face machine.

Attendance rules

Click "Attendance Rules" under the menu to enter the attendance rules menu. Under this menu, you can set attendance and view records.

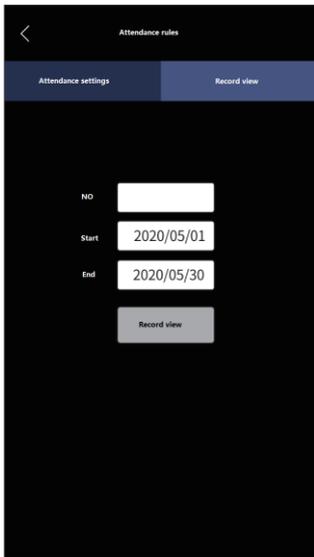
Attendance settings



User browse interface

Attendance record warning: the stored records will be full soon, you can set how many records are left before the device starts to alarm (default 1000 records). Allowed late time and allowed early time can be set up to 60 seconds.

Record View



Record View Screen



Access record interface

Enter the number in the entry/exit record screen, and you can check all the entry/exit records from the start time to the end time of the person with this number.

Report Management

Click "Report Management" under the menu to enter the report management menu. You can modify the display of "Company Name" in the attendance report, and import and export the schedule and attendance sheet through USB disk.

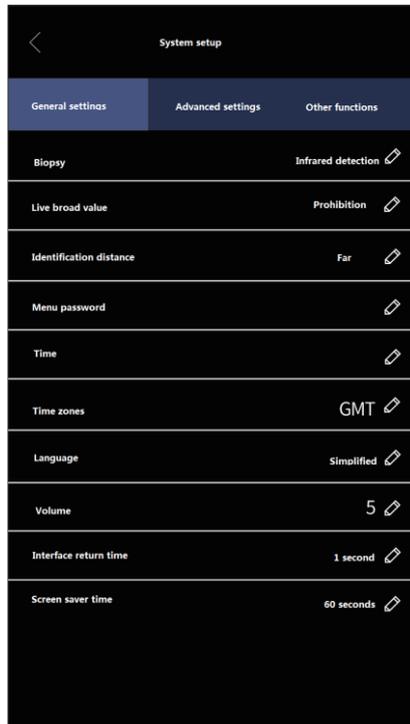


Report Management Interface

System Setup

Click "System Settings" under the menu to enter the system settings menu, which includes general settings, advanced settings and other functions.

General settings



System general settings interface

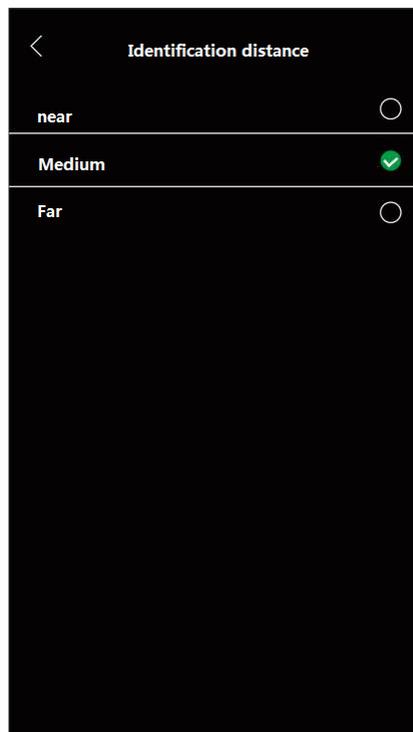
You can set the time, time zone, language, volume, interface return time and screen saver time, live threshold, etc. for the machine.

Languages can be set optionally in Simplified Chinese, Traditional Chinese, English, Cantonese, Portuguese, Spanish, Russian, French, Japanese, Korean, Thai and Arabic. Volume can be adjusted up to 10.

The interface return time can be set to a maximum of 30 seconds (default 1 second).

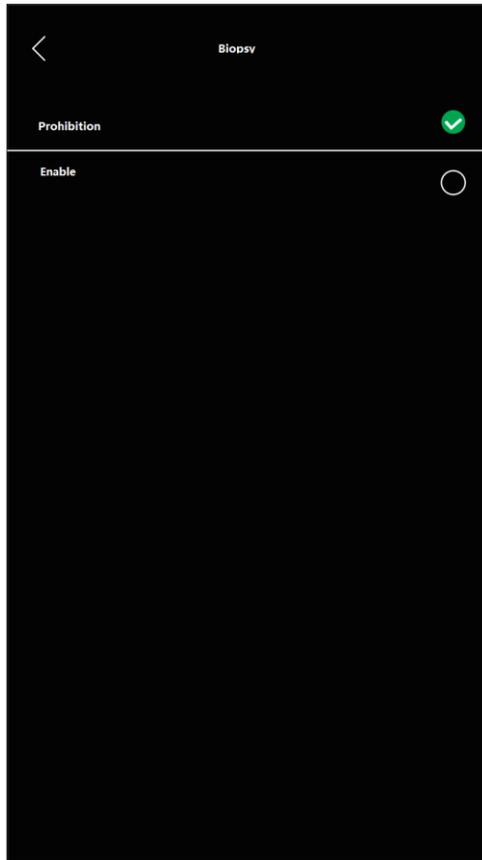
The screen saver time can be set to a maximum of 999 seconds (default 60 seconds).

The machine recognition distance can be adjusted (near, medium and far) as shown in the following figure.



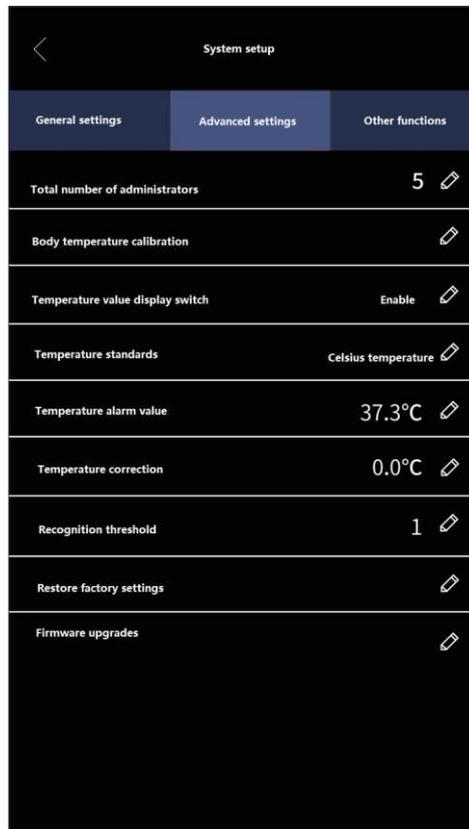
Recognition distance interface

The live detection function can be turned on or off as shown in the following figure.



biopsy inspection interface

Advanced Settings



Advanced settings interface

The total number of administrators of the machine can be modified, up to 255 administrators can be set.

The temperature standard can be set to Celsius or Fahrenheit.

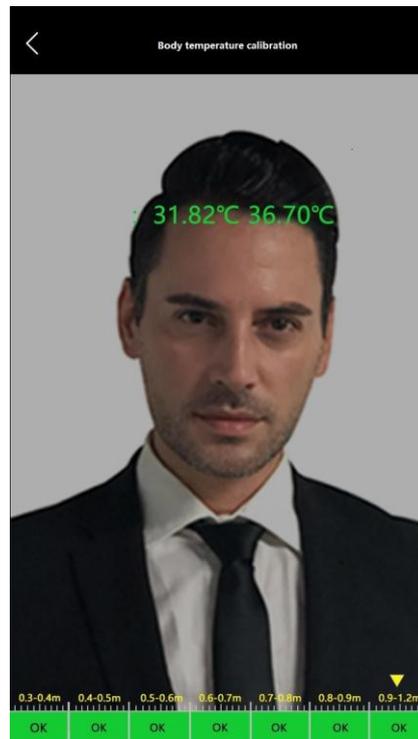
The recognition threshold of the machine can be modified.

Factory settings can be restored to the machine. The machine firmware can be upgraded via USB flash drive.

Body temperature calibration: You can calibrate the body temperature detection function of the face machine through the body temperature calibration function to ensure that the detected body temperature data is accurate, as shown in the following figure for calibration (When calibrating the body temperature, please keep the face within the recognition range, moving within a distance of 0.3 ~ 1.2 meters from the face machine, at which time the face machine will automatically calibrate.) After calibration is completed, all calibration distance labels will prompt O K, as shown in the figure below. (If the user needs to recognize the face + body temperature at a longer distance, it is recommended that the temperature correction be manually adjusted to + 0.2 degrees after the automatic calibration of the body temperature, which is closer to the actual body temperature.)



Body temperature calibration process interface

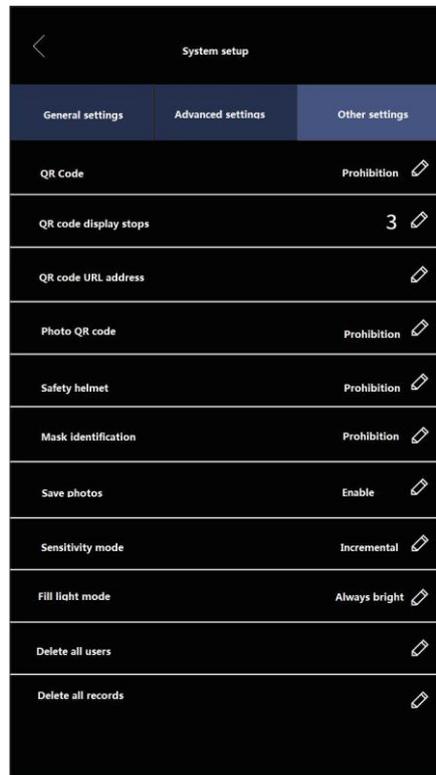


Temperature calibration completion screen

Temperature alarm value: You can modify the alarm value of high body temperature when body temperature is detected. Body

temperature correction: When the recognition distance is long, the temperature drift during body temperature detection can be corrected.

Other functions



Other functions interface

QR Code Enable: On/Off Display QR code (the QR code content is, the current personnel name, temperature, time and server URL address, mainly used to facilitate cell phone sweep to obtain personnel information and temperature information, convenient to report to the epidemic supervision platform).

QR code display dwell: used to control the length of QR code display, unit/second (default 3 seconds). QR code URL address: convenient for declaring personnel information and body temperature data, the URL is the server address.

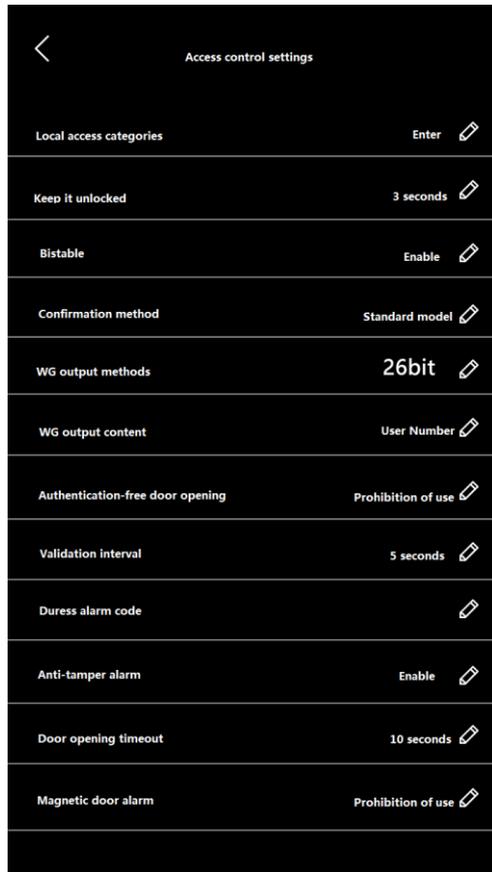
Safety helmet: You can choose to enable or disable this function according to user needs. When the helmet detection function is enabled and the user is detected not wearing a helmet, the device screen will prompt please wear a helmet and prohibit passage.

Save photos: On/Off, identify whether live photos are saved or not.

Light sensitivity mode: Set the light sensitivity mode of the camera, which can be adjusted to brighten or darken according to the current environment.

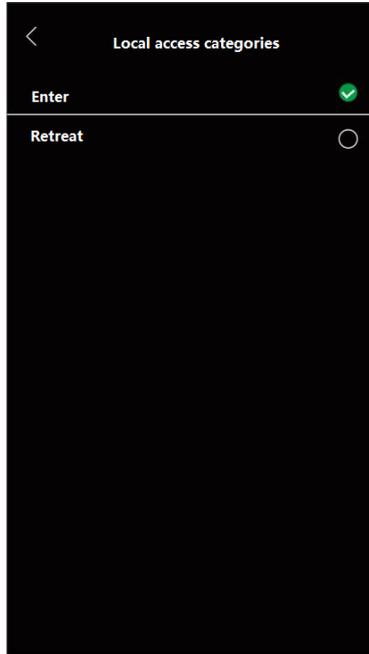
Fill light mode: the fill light can be set to constant light / no light / automatic three modes, set to automatic mode, automatically lit when someone identified, no one identified automatically off.

Access Control Settings Click on the menu under "Access Control Settings" to enter the access control settings menu, as shown in the following figure.



Access control setting interface

This machine in and out of the category: can be selected to enter the type of entry or exit, as shown in the following figure.



Access control setting interface

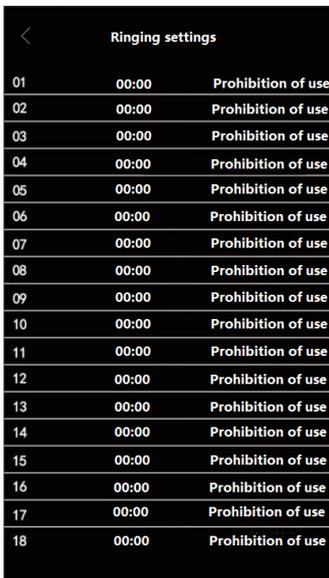
Unlock hold time can be set from 0 to 65535, (0 means 0.5 seconds, 65535 means always open when authentication passes).

Bistable mode can be set to prohibit or enable (open bistable function is: legal identification once to open, and then legal identification once to close, switch back and forth to open and close the door); WG output content can be modified to number output or card number output.

The number of WG bytes can be modified to Weigend 26 (two-byte, three-byte), Weigend 34 (four-byte), Weigend 66 (eight-byte); alarm settings include duress alarm, tamper alarm, door open timeout alarm, and door magnetic alarm.

Ringling settings

Click "Ringling Settings" under the menu to enter the ringling settings menu. You can set a total of 24 groups of ringling time, click the time section in the ringling group to modify the specific time of ringling, and click "Use Prohibited" to set the duration of ringling (0 seconds is the default use prohibition state, up to 255 seconds can be set), as shown in the figure below.

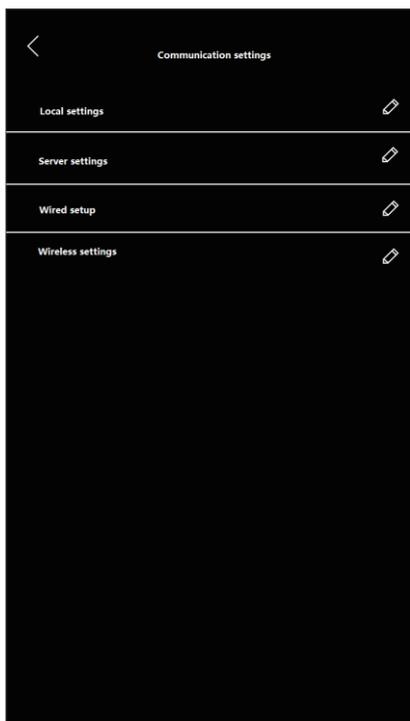


| Ringling settings | | |
|-------------------|-------|--------------------|
| 01 | 00:00 | Prohibition of use |
| 02 | 00:00 | Prohibition of use |
| 03 | 00:00 | Prohibition of use |
| 04 | 00:00 | Prohibition of use |
| 05 | 00:00 | Prohibition of use |
| 06 | 00:00 | Prohibition of use |
| 07 | 00:00 | Prohibition of use |
| 08 | 00:00 | Prohibition of use |
| 09 | 00:00 | Prohibition of use |
| 10 | 00:00 | Prohibition of use |
| 11 | 00:00 | Prohibition of use |
| 12 | 00:00 | Prohibition of use |
| 13 | 00:00 | Prohibition of use |
| 14 | 00:00 | Prohibition of use |
| 15 | 00:00 | Prohibition of use |
| 16 | 00:00 | Prohibition of use |
| 17 | 00:00 | Prohibition of use |
| 18 | 00:00 | Prohibition of use |

Ringling setting interface

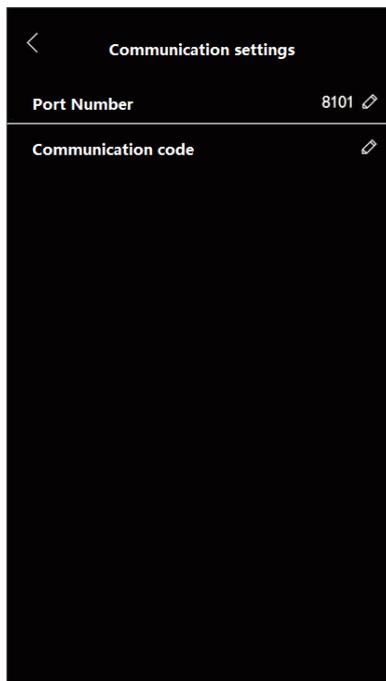
Communication settings

Click "Communication Settings" under the menu to enter the communication settings menu. You can modify the local communication parameters, server settings, wired settings and wireless settings, as shown in the following figure.



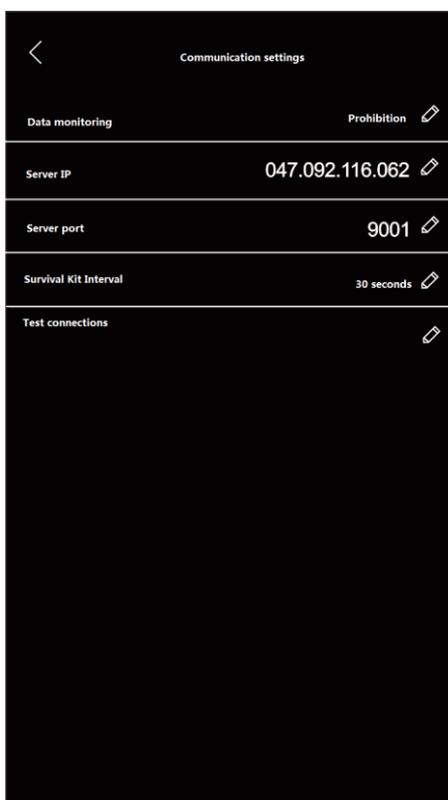
Communication settings interface

Local settings: You can change the port number of the machine (default 8101) and the communication password of the machine, as shown below.



Communication settings interface

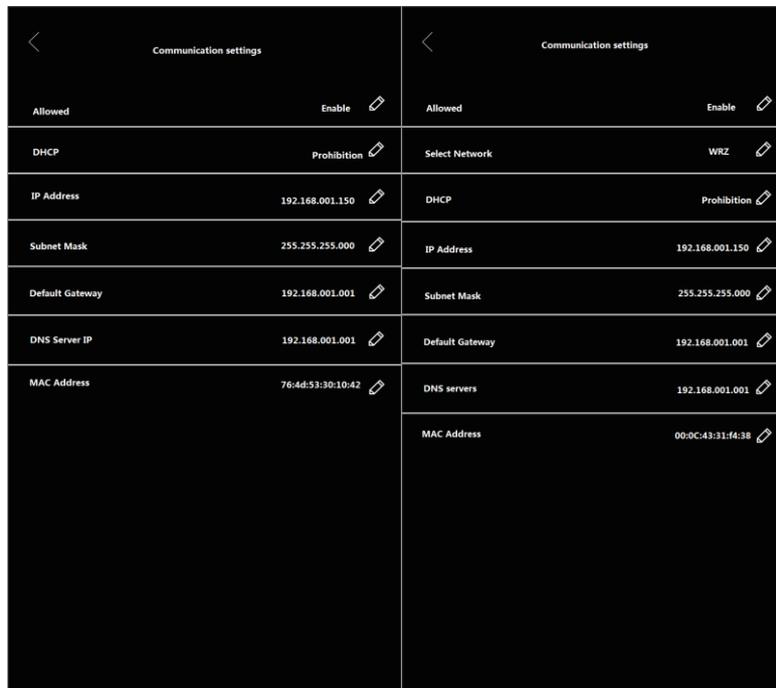
Server settings: When you install this face machine through the card system software and choose to monitor this device in real time, the card software will automatically fill in the settings here, as shown in the figure below.



Server communication setting interface

Wired (wireless) settings: you can choose to turn on or off the DHCP function (off by default), you can modify the TCP parameters of the machine, the default IP address is 192.168.1.150; the default subnet mask is 255.255.255.000.

The default gateway is 192.168.1.1; the DNS server IP is 192.168.1.1 by default; the M A C address is fixed and unique, as shown in the following figure.



Wired Setting Interface

Wireless Setting Interface

Information Search

Click "Information inquiry" under the menu to enter the information inquiry menu. Under this menu, you can check the registration information and equipment information under this face machine.

The content of registration information includes the number of management registration, the number of user registration, the number of face registration, the number of card registration, the number of password registration, the number of attendance records and the number of saved photos, etc. The value on the left indicates the number of existing information in the device, and the value on the right indicates the maximum capacity of the device registration information, as shown in the following figure.

| Information search | | |
|--------------------------|-----------------------|---------|
| Registration information | Equipment information | |
| Manage registration | 0 | 5 |
| User registration | 0 | 20000 |
| Facial registration | 0 | 20000 |
| ID card registration | 0 | 20000 |
| Password registration | 0 | 20000 |
| Attendance records | 0 | 1000000 |
| Save photos | 0 | 1000 |

Information search interface

Device information content includes manufacturer, URL, serial number, factory date, device name, firmware version, algorithm version and other information, as shown in the following figure.



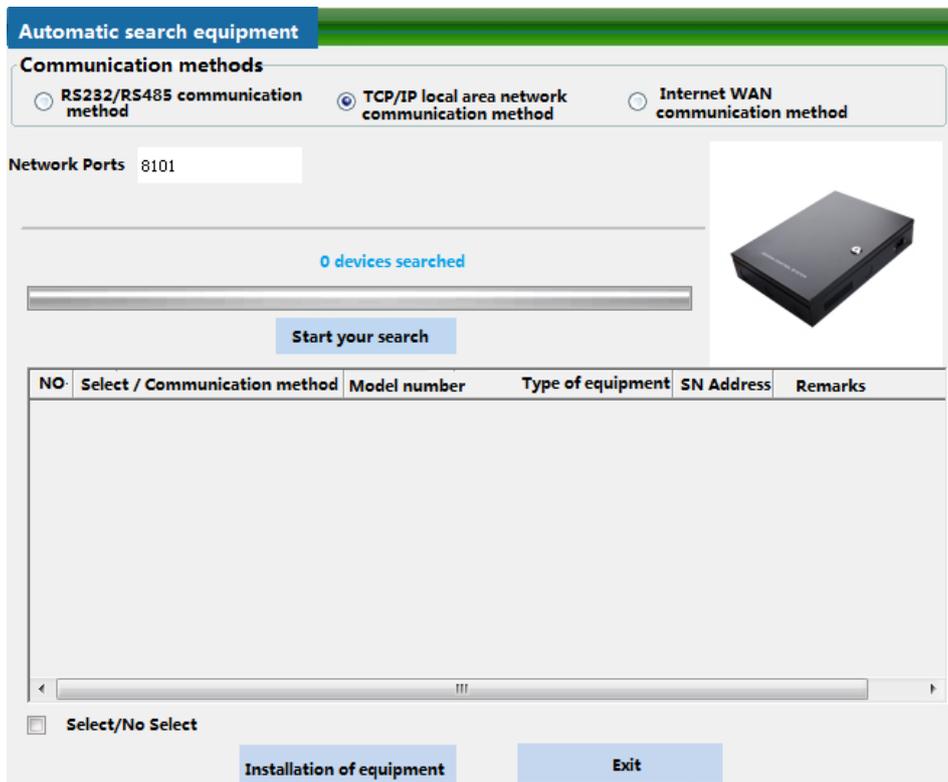
Information search interface Instructions for using the client

Face machine installation and setup

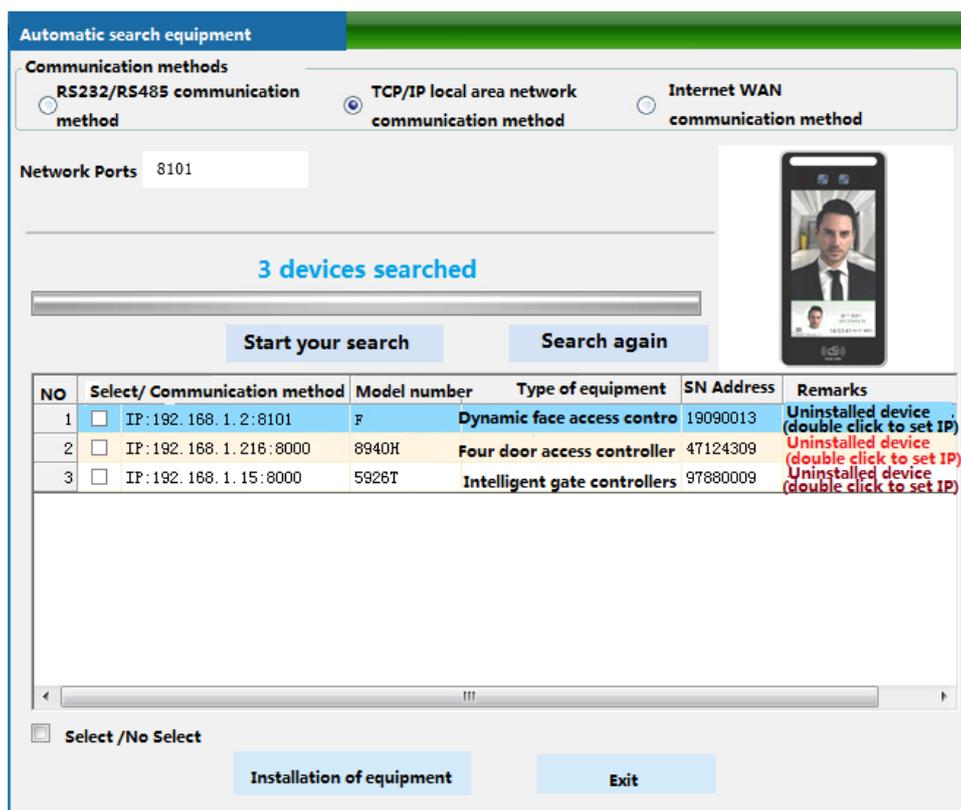
Automatic search for devices through the software can automatically search for all access control and face machines found online, convenient for devices to join the software system. Click on the main interface [install equipment] drop-down menu [automatic search for access control devices], as shown below.



Click [Auto Search for Access Control Devices] to enter the interface shown below.



TCP/IP LAN method: First enter the network port, the default is 8101, and then click [Start Search]. (Note: The device must be connected to the computer through a switch for communication), as shown in the following figure.



If the user's device is a TCP/IP communication method, the device IP address needs to be modified, (during the installation of the device, the user needs to modify the device IP address, you need to check (device communication password) if the device has modified the communication password, then you need to enter the correct password to allow the modification of the IP address, to prevent others from modifying the device IP through the installation software, resulting in the original user communication not on.) You can double-click the searched TCP/IP face machine, the pop-up TCP connection parameters interface, as shown in the following figure.

| TCP connection parameters | | |
|---------------------------|------------------|-------------------|
| NO | Title | Value |
| 1 | MAC Address : | 66-82-B3-F9-1C-CB |
| 2 | IP Address : | 192.168.1.25 |
| 3 | Subnet Mask : | 255.255.255.0 |
| 4 | Gateway address: | 192.168.1.1 |
| 5 | Local TCP port : | 0 |
| 6 | Local UDP port : | 8101 |

Restore default values Keep Exit

(Note: The system can search for the face machine in a different network segment from the computer, the user is required to modify the IP address of the same network segment address with the computer before normal communication. (If the user uses a router that supports multi-segment mapping function, then the system software can communicate directly with other network segments of the access control.)

IP address, subnet mask, gateway address to double-click to change the parameters to match the same network segment with the computer IP, point [Save] to return to the installation interface, point [Install Device], click the left column after installation [Access Control Management] to select the device click [Properties] column, the following figure pops up.

Equipment details

Basic information | Function settings | Communication parameters | Wiring diagram

Name : R&D Department
 SN: F-19090013 Versions : 5.03

Type Description : Dynamic Face Access Control Machine
 Remarks :

Mounting position : Default Location **Select**

| | | | |
|--------------------------|-----------|---------------------------|------------|
| Algorithm version : | Ver 70 | Date of manufacture : | 2019-06-06 |
| Card Capacity : | 0\20000 | User capacity : | 0\20000 |
| Face capacity : | 0\20000 | Password capacity : | 0\20000 |
| Record pun card capacity | 0\1000000 | System recording capacity | 0\10000 |

Unlocking hold time: 3 seconds Value range: 0.5-65535 seconds Capture records

Alarm status : No alarm

Initialisation : Initialisation will clear all data

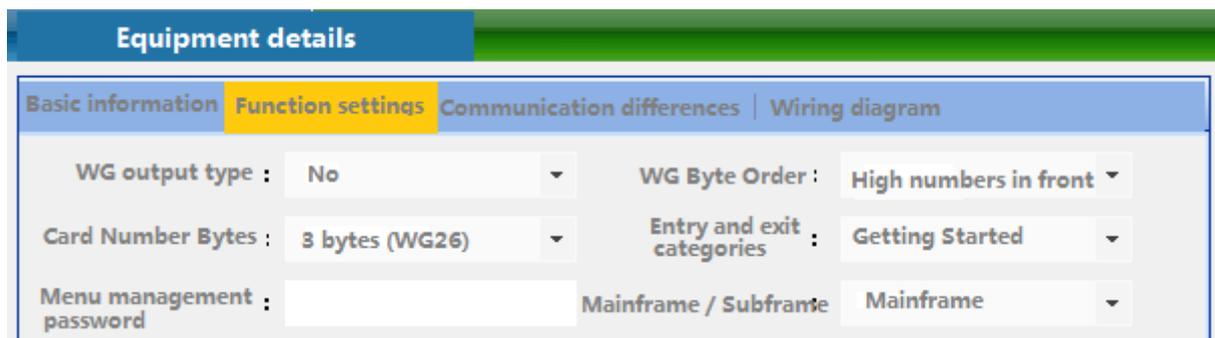
Initialisation

Save Exit

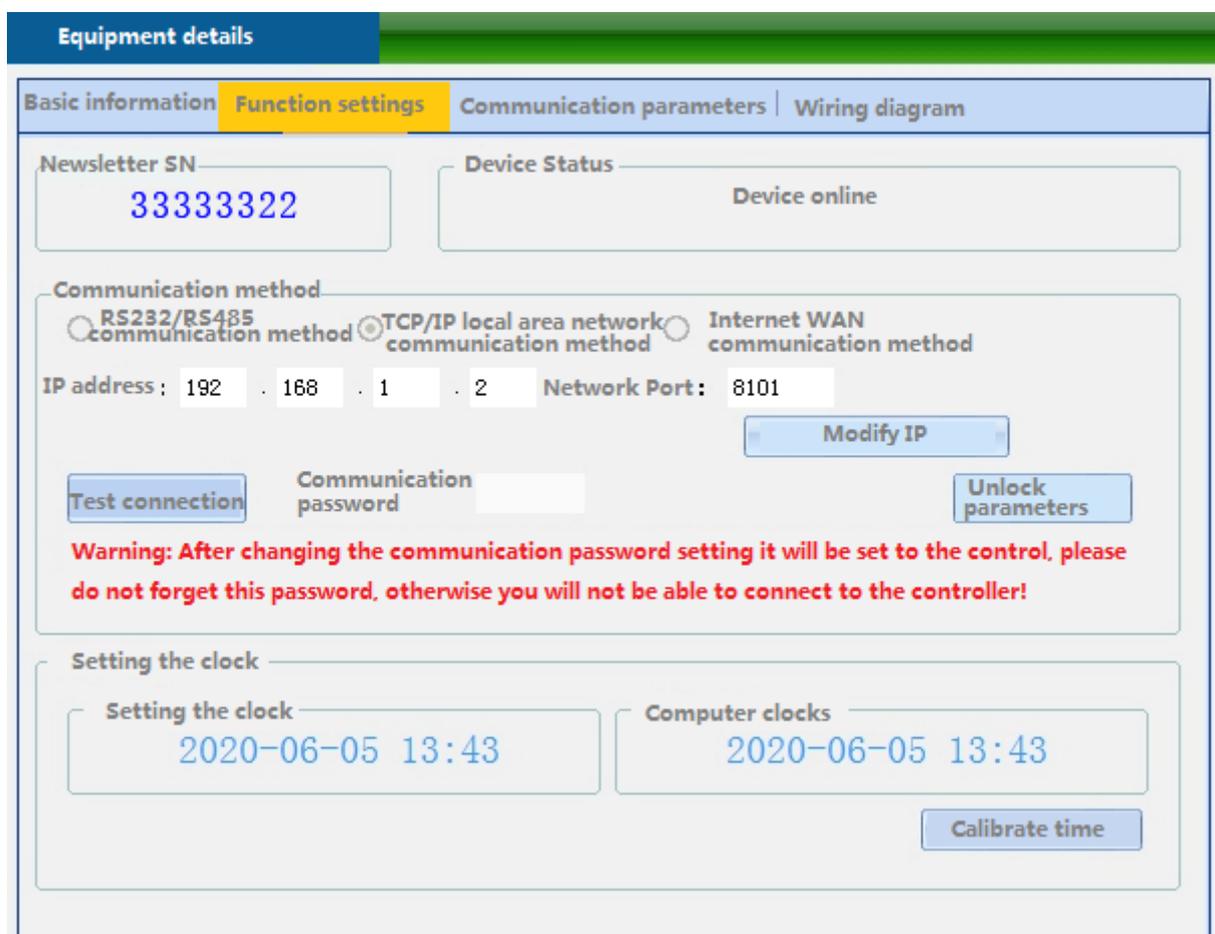
Name: can be modified according to demand.

Unlock Hold Time: Self-adjustable according to demand (default: 3 seconds)

Select [Function Setting] in the interface of [Device Details], you can modify the settings of menu management password, recognition distance, live detection mode, access type, swipe byte, WG output, master and slave of the face machine. As shown in the figure below :

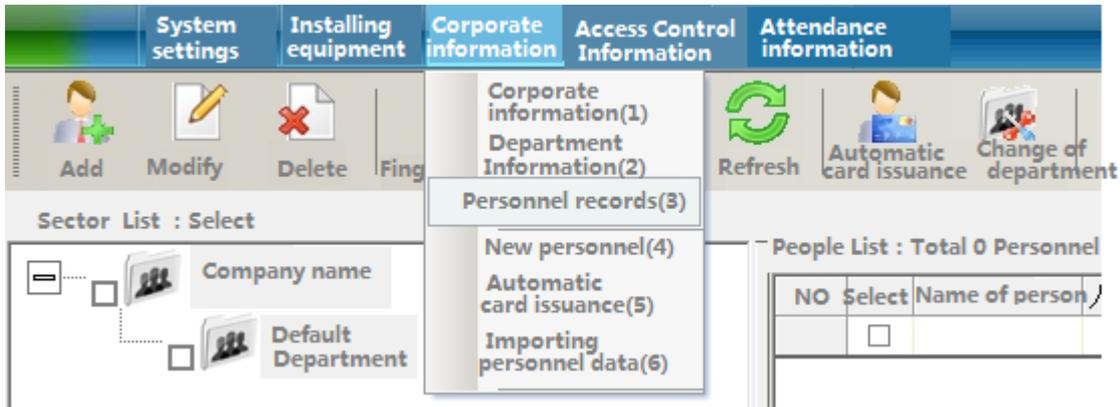


In the [Device Details] screen, select [Communication Parameters] as shown below :

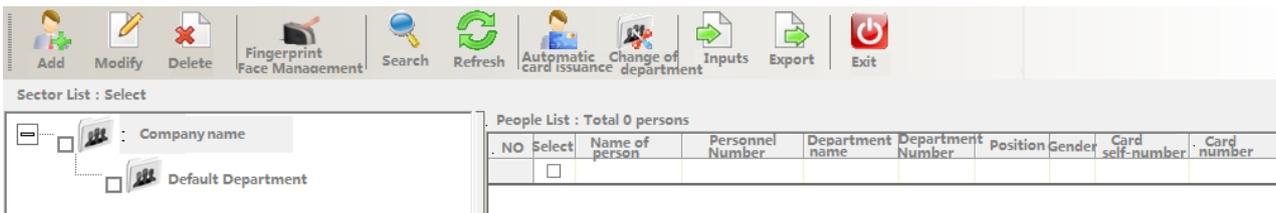


Add a face and authorize it

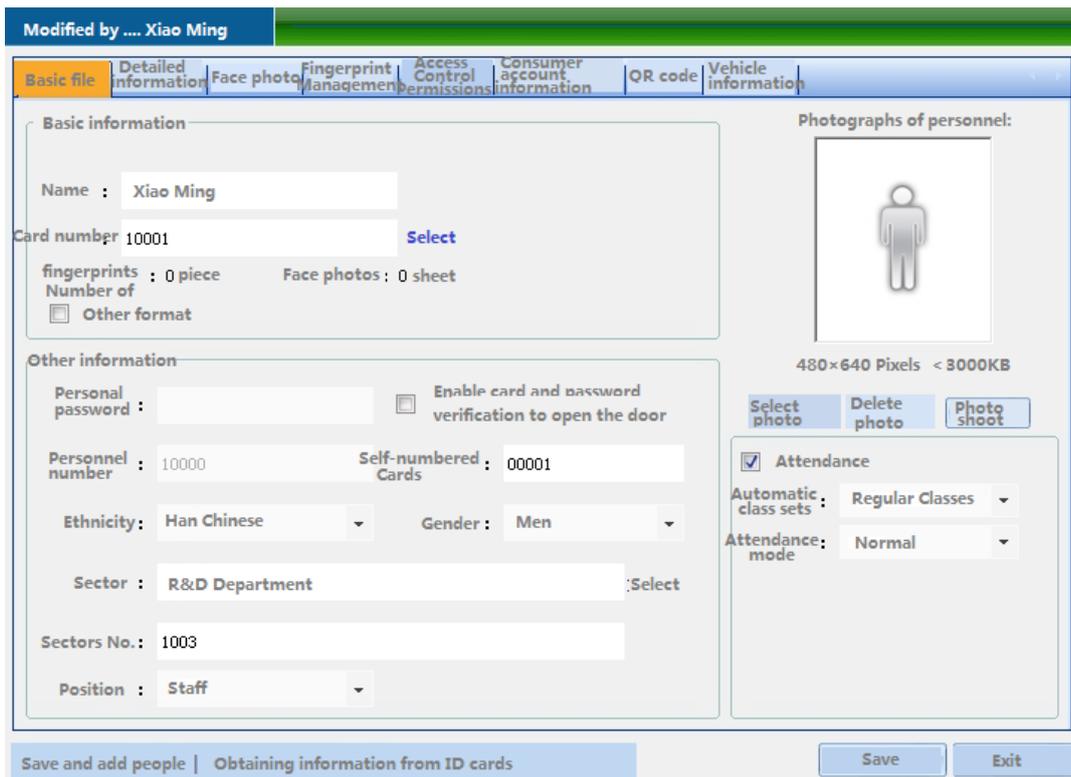
In [Enterprise Information] - > [Personnel Records], as shown below :



Click on the personnel file and go to the following image :



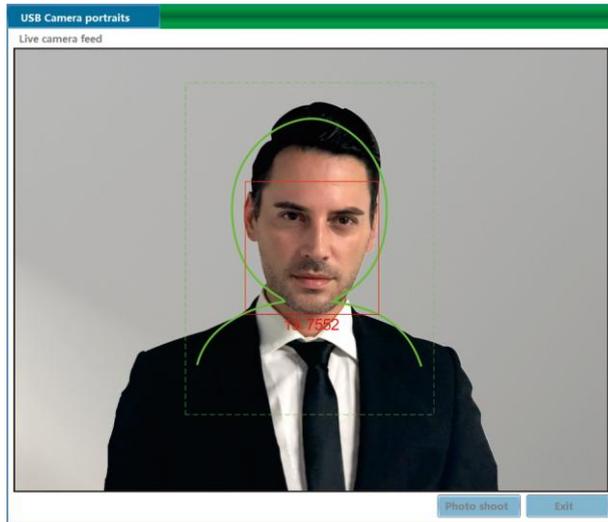
Click the Add Person icon on the toolbar to enter the personnel modification interface, as shown in the following figure



After you fill in your personal information, please click select photo, add a local computer photo as the person photo, and then click save.

Note: The photo requires a resolution of 480 * 640 or higher (file size: < 300KB), a clear and unobstructed photo of a person's face (without glasses, mask or hat), and a regular, natural-looking color photo.

You can also external photo equipment (traditional USB computer camera) for direct photo preservation, point "photo" pop-up page as follows. (Note: the face needs to be aligned with the outline of the prompt, the photo button will Display)



Click on the photo, after the photo is completed it will return to the personnel page, edit the information and click on save. Open the door authority authorization, click on the software [access control information] drop-down menu [set open the door authorization]. Click [Set door opening authorization], enter the interface shown below.

Setting access rights

Department name: (All) Select opening hours: Opening hours(01) Open the door Number of times: Unlimited Holiday ban Doors open

Special Permissions: Ordinary door opening card Expiry date: 2088-12-30 23:59

Note: The number of door openings is calculated according to the controller. In the controller managed by. The door opening count is subtracted from one door exit or entry

Optional personnel: Screening Number of people listed : 1

| Sector | Personnel number | Name of person | Card Number |
|----------------|------------------|----------------|-------------|
| R&D Department | 10000 | Xiao Ming | 10001 |

Number of people listed : 0

| Sector | Personnel number | Name person | Card Number |
|--------|------------------|-------------|-------------|
|--------|------------------|-------------|-------------|

Optional doors: Screening Listed Equipment : 1

| Equipment name | Mounting position |
|----------------|-------------------|
| R&D Department | Default Location |

Listed Equipment : 0

| Equipment name | Mounting position |
|----------------|-------------------|
|----------------|-------------------|

Add door opening privileges Remove door opening privileges

Allowing selected persons to pass through selected door. Allow selected persons to pass through selected door, and upload. Prohibit selected persons from passing through selected door. Prohibit selected persons from passing through selected door, and upload.

Exit

Select the person who needs to set the access control privileges, select the time period and the number of times to open the door, the validity period, select the device door, after the selection, click [allow the selected person through the selected door, and upload].



Select all "Users" or select all "Optional Doors".



Select a single "user" or select a single "optional door".



Remove a single "selected user" or remove a single "selected door".



Remove all "selected users" or Remove all "selected doors".

【Prohibit the selected person to pass through the selected door】 Delete the selected user's access rights to the selected door, after which the data must be synchronized to the face machine, and the deleted rights this operation can take effect.

【Prohibit the selected person from passing through the selected door and upload】 Delete the selected user's access rights to the selected door, and upload the deletion information to the face machine at the same time.

Allow selected personnel to pass through the selected door] Add the selected user's access rights to the selected door, after which the data must be synchronized to the face machine, and the added rights this operation can take effect.

[Allow selected persons to pass through selected doors and upload] Add selected users' access rights to selected doors, and upload the added information to the face machine at the same time.

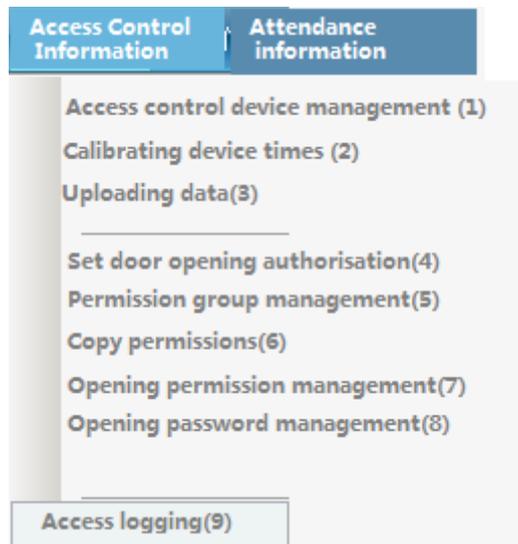
After all permissions are set, upload the information to the face machine before it takes effect.

Face machine record capture and view

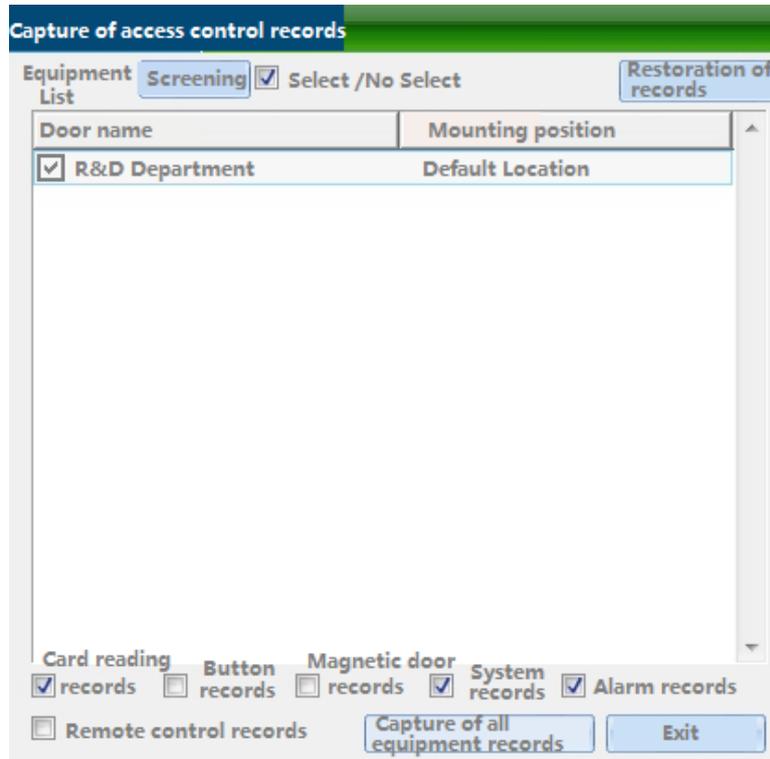
Face machine record capture

The system comes with memory storage function, and each face machine can store records offline (even if it is not connected to a computer, it will store automatically, and records will never be lost after a power failure.) You can choose the right time to extract the data to the computer.

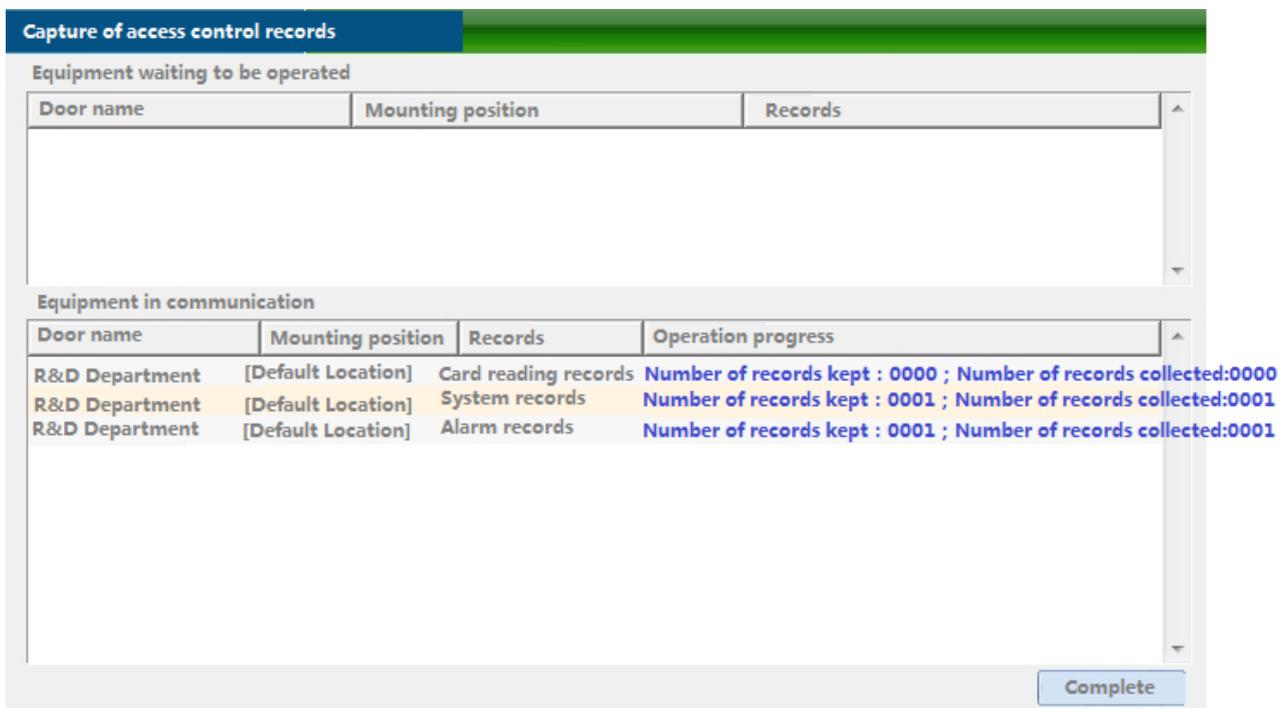
Click on the software's [Access Control Information] drop-down menu [Capture Access Records], as shown below.



Click [Capture Access Records] to enter the interface shown below.



After selecting the face machine and record type to be captured, click [Capture Selected Device Records] to bring up the window shown below.



When the collection is complete, click [Finish].

If operations such as card reading records have been captured before, you can regain all records by 'Repair Records'.

Click the software [access control information] pull-down menu [collection of access records] interface inside the [repair records], pop-up verification window, enter the verification password: 0000 (default administrator password), and then click [OK],pop-up as follows.

Verify password

Operators : SYSTEM

Password : ****

Verify Exit

Capture of access control records

Equipment waiting to be operated

| Door name | Mounting position | Records |
|-----------|-------------------|---------|
| | | |

Equipment in communication:

| Door name | Mounting position | Records | Operation progress |
|----------------|--------------------|----------------------|---|
| R&D Department | [Default Location] | Alarm records | Records being restored... |
| R&D Department | [Default Location] | System records | Records being restored... |
| R&D Department | [Default Location] | Card reading records | Record repair complete, please re-capture |

When the repair is complete click [Finish] to return to the collection of access control records interface, select the door to extract the card reading records with the data to be collected, and then click " **Capture of selected equipment records** ", wait a few moments will be collected, at this time the records in the controller were all collected to the computer, as shown in the following figure :

Capture of access control records

Equipment waiting to be operated

| Door name | Mounting position | Records |
|----------------|--------------------|----------------|
| R&D Department | [Default Location] | System records |
| R&D Department | [Default Location] | Alarm records |

Equipment in communication:

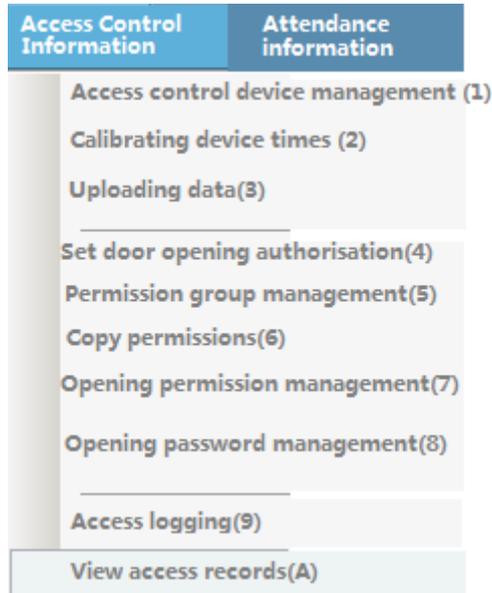
| Door name | Mounting position | Records | Operation progress |
|----------------|--------------------|----------------------|---------------------------------|
| R&D Department | [Default Location] | Card reading records | Records being collected 170/450 |

Wait until the collection is finished and tap [Finish]. Only after the record is collected, you can work on the query.

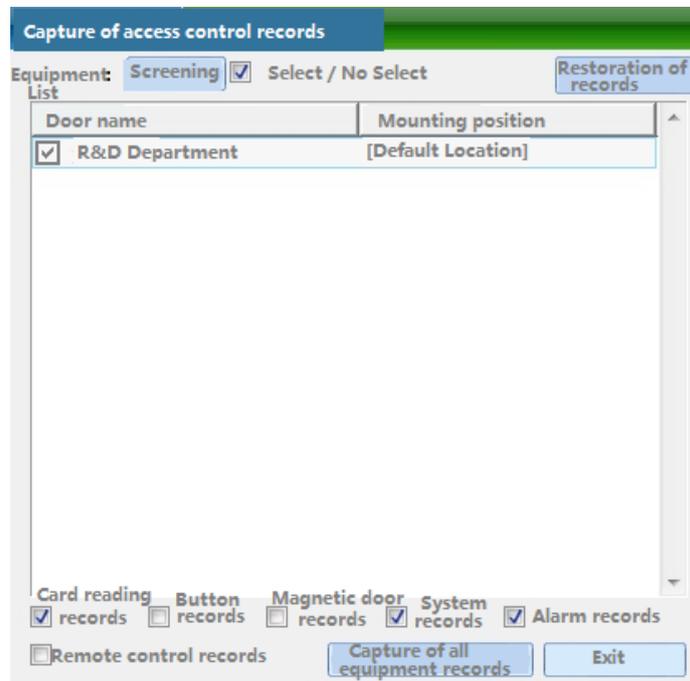
Face machine record view

Please collect the records and then work on the query.

Click on the software menu bar [Access Control Information] pull-down menu [View Access Records], as shown below :



Click [View Access Records] to enter the interface shown below :



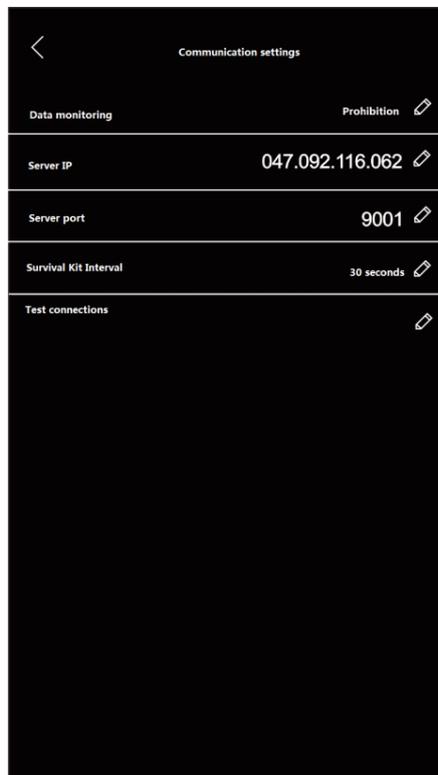
First collect records, click "collect records", after collecting records, you can query according to your needs, enter query conditions, query conditions can be by "time range", "name", "card number", "department", "location" to query the relevant records. "card number", "department", "location" to query the relevant records, and then click "search", then You can also click "Search" directly to inquire about the access of all people, as shown in the following figure :

| Capture of access control records | | | |
|-----------------------------------|--------------------|----------------------|--|
| Equipment waiting to be operated | | | |
| Door name | Mounting position | Records | |
| | | | |
| Equipment in communication | | | |
| Door name | Mounting position | Records | Operation progress |
| R&D Department | [Default Location] | Card reading records | Number of records kept : 0000 ; Number of records collected:0000 |
| R&D Department | [Default Location] | System records | Number of records kept : 0001 ; Number of records collected:0001 |
| R&D Department | [Default Location] | Alarm records | Number of records kept : 0001 ; Number of records collected:0001 |
| | | | |
| | | | Complete |

You can also export the queried records, click "Export" to export the personnel access records.

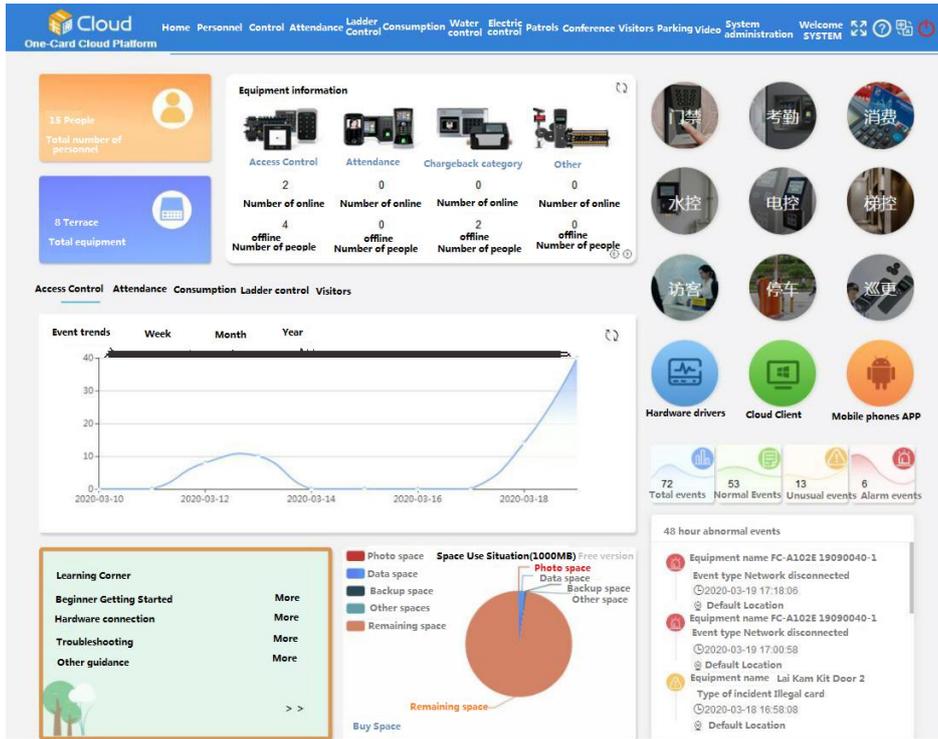
Cloud system using operating instructions to install the face machine

First set the communication parameters of the face machine, select [Communication Settings] under the main menu of the face machine equipment, and further select [Server Settings] to set the corresponding parameters, refer to the settings as shown Below Demonstration.

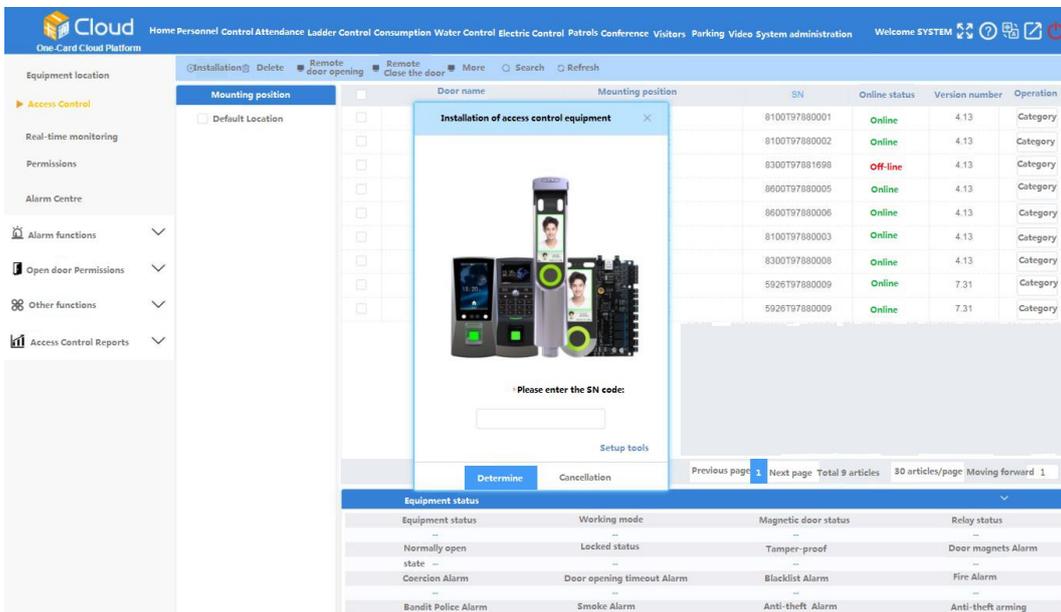


After configuring the parameters, point to test the connection, prompt "success", indicating that the connection is normal.

Access Control Cloud.COM, log in to the cloud platform account of a card management platform, as shown in the following figure.



Click on the directory bar of the [Access Control] - [Installation] pop-up interface to enter the SN code to install the device click to confirm, as shown below.



In the installation interface that pops up, the installation interface is shown below, select the location to be installed, select the basic parameters of the device, and then click [Install] in the lower right corner, at this time, the device will be prompted to install successfully.

Installation of equipment

Installation in progress

F

Dynamique Visage

Equipment being processed



SN number of the device

F-19090013

Please enter the name of this controller door:

Mounting position: Parameter settings

Card reader bytes:

Menu password setting

Door opening holding time (sec):

Authentication-free door opening

Record storage methods:

Change communication password
 Installation initialisation

Adding People and Authorization

Adding people

Click [Personnel] - [Add], the pop-up [Add Personnel File] interface to enter the personnel information to be added - click to confirm, as shown in the following figure.

Home Personnel Control Attendance Ladder Control Consumption Water Control Electric Control Patrols Conference Visitors Parking Video System administration

Add Modifications Delete Sector Mobility Join Blacklist Export Import Search Refresh Data retrieval from equipment

List of Departments NO Name of person Vouchers Sector Position Mobile phones

Default
Add Personnel files
×

Basic information

Other information

Photo ID

Fingerprint management

*Name of person

Telephone

Password

Country

Position

Card Number

Sector

Gender

Email

Place of origin

Ethnicity

Card Reading



Select photo

Photo shoot

No cloud clients launched

Please download the Cloud Client or Please launch the cloud client

Personnel authorization

Click [Access Control] - [Permissions Authorization], select the person who needs to set the access control privileges, after the selection, click Next, as shown in the following figure.

[>]: Select "User".

[<]: Remove "Selected Users"

The screenshot shows the 'Permissions Authorization' interface. On the left, there is a sidebar with navigation options: Equipment location, Access Control, Real-time monitoring, Permissions (highlighted), Alarm Centre, Alarm functions, Access to doors, Other functions, and Access Control Reports. The main area is divided into two sections: 'Optional personnel' and 'Selected personnel'. The 'Optional personnel' section contains a table with columns for Name, NO, and Sector. The 'Selected personnel' section is currently empty, showing 'No data available at this time'. Navigation buttons for '>' and '<' are located between the two tables. At the bottom, there are 'Select all' and 'Next step' buttons.

| Name | NO | Sector |
|---------------|----|-----------------------|
| Chen Xiaoming | 10 | R&D Department |
| Zhang Xiaomei | 53 | Production Department |
| Fan Xiaomei | 87 | Marketing Department |

According to the actual demand, select the parameters such as opening period, number of times to open the door, valid period, door name, installation location, etc., and select the door for authorization, as shown in the following figure.

【Prohibit selected personnel from passing through the selected door】 Remove the access rights of the specified user to the selected door

【Allow selected personnel to pass through the selected door】 Add the access rights of specified users to the selected door

The screenshot shows the 'Permissions Authorization' interface with door selection options. At the top, there are fields for 'Opening hours' (set to 'Open Hour No. 1'), 'Expiry date' (set to '2030-06-30 23:59:59'), 'Door name' (with a search prompt), and 'Mounting position'. Below these fields are two tables: 'Optional door' and 'Selected door'. The 'Optional door' table lists various door types and their mounting positions. The 'Selected door' table is currently empty, showing 'No data available at this time'. Navigation buttons for '>', '<', '>>', and '<<' are visible between the two tables. At the bottom, there are 'Previous step' and 'Next step' buttons.

| Door name | Mounting position |
|--|-------------------|
| 24-hour automatic identification tester 01 | Default Location |
| R&D Face Machine | Default Location |
| Technical Department Countertop Face Machine | Default Location |
| Company gate demonstrator face column machine 01 | Default Location |
| Company gate demonstrator face column machine 02 | Default Location |
| 24-hour automatic identification tester 03 | Default Location |
| Meeting room door face machines | Default Location |
| R & D countertop access panel - entry | Default Location |
| R&D counter top access panel - out | Default Location |
| F-19090013-1 | Default Location |

Record View

Click [Access Control] - [Access Control Report] to select the records you need to view or export, including access control access records, access control alarm records, and access control system records. Click the search button to filter the records of the face machines that need to be viewed as required, as shown in the following figure.

Click the Export button to the left of the Search button to export an EXCEL table of the desired records.

The screenshot displays the 'Access Control Reports' section of the 'Cloud One-Card Cloud Platform'. The top navigation bar includes 'Home', 'Personnel', 'Control', 'Attendance', 'Ladder Control', 'Consumption', 'Water Control', 'Electric Control', 'Patrols', 'Conference Visitors', 'Parking Video System administration', 'Welcome SYSTEM', and utility icons. The left sidebar lists various system functions, with 'Access Control Reports' highlighted in orange. The main content area features a search and filter interface with fields for 'Door name', 'Mounting position', 'Start time' (2020-05-05), and 'To' (2020-06-05). Below this is a table of records with columns: Name of person, Personnel number, Site photos, Card Number, Sector, Door position, Door name, Event time, Event Type, and In/Out Type.

| Name of person | Personnel number | Site photos | Card Number | Sector | Door position | Door name | Event time | Event Type | In/Out Type |
|-----------------|------------------|-------------|-------------|-----------------------|------------------|---|---------------------|-------------------|-----------------|
| Chen Xiao Ming | 10 | | 61006535 | R&D Department | Default Location | 24 hours Automatic identification Test Machine 03 | 2020-06-05 17:12:50 | Face Verification | Getting Started |
| Zhang Xiaao Mei | 53 | | 61006535 | Production Department | Default Location | 24 hours Automatic identification Test Machine 03 | 2020-06-05 17:12:49 | Face Verification | Getting Started |
| Fan Xiao Mei | 87 | | 61006535 | Marketing Department | Default Location | 24 hours Automatic identification Test Machine 03 | 2020-06-05 17:12:48 | Face Verification | Getting Started |