

User Manual	Manual de Usuario	Manuel de l'Utilisateur
Customer Service US: 1-800-645-2986	Servicio de atención al Cliente US: 1-800-645-2986	Service à la clientèle Canada: 888-645-2986

Facial Recognition & Body Temperature Camera System

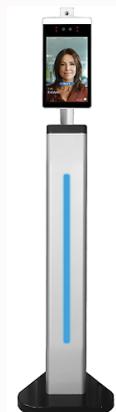


Read this manual thoroughly prior to installation and operation. Keep these instructions in a safe location for future reference. For questions, visit globalindustrial.com or contact Customer Service at 1-800-645-2986.

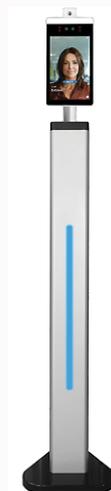
Model 708528: Counter Stand
Model 708529: 3'H Floor Mount
Model 708530: 4'H Floor Mount



Model 708528



Model 708529



Model 708530

Specifications:

Sensor:	Thermal Imaging Infrared Temperature Sensor
Temperature Range:	95 - 108°F; ±0.5° (35 - 42°C; ±0.3°)
Display:	8" LCD
Recognition Distance:	1.6 to 16 ft.
Response Time:	≤ 0.3 Second
Memory Data:	30,000 Faces
Camera:	2 MP
Lens:	1:2.8, Focal Length .07", Field of View: 118°
Dynamic:	≥ 105dB
Signal to Noise Ratio:	≥ 35dB
White Balance:	Auto, Indoor, Outdoor, Sodium Lamp Mode, Manual
Video:	H.265 Main Profile / H.264 High profile / M-JPEG
Max Resolution:	800 x 1280 @ 30fps
Output Bit Rate:	Auto, Indoor, Outdoor, Sodium Lamp Mode, Manual
Audio Compression:	G711, PCM
USB Interface:	(1) USB
Device Storage:	8G
Power:	DC12V 2A
Interfaces:	Rich Hardware, Integrated 100M Ethernet, Audio, Wiegand, Relay, USB
Mounting Stand Options:	Counter Stand, 3'H Mount or 4'H Mount
Connection:	Ethernet, Wifi, Hotspot
Operating System:	Linux OS
Recording Capacity:	5 million
Product Dimensions:	9-1/2" x 5-1/3" x 1"
Weight:	2 lbs.

Equipment Wiring:



Device Management Background Settings - Local Debugging Tools

Note: Before debugging, the computer and equipment must be in the same LAN. There are two ways to put the device and the computer in the same LAN:

- (1) Computer and device are connected to the same switch or router through network cables.
- (2) Computer and device are connected directly through network cables.

Once the device is powered on, locate the LIP or WIP number displayed on the top of the device (see image below).



Enter this IP address number of the device into your browser:

← → ↻ 🏠 🌐 169.254.41.10

Note: Google Chrome is recommended.

Face recognition network debugging tool

admin

Password

Login

[Cloud platform](#)

- > Enter Account: **admin**
- > Enter Password: **123456**

Note: Login password can be reset under “General Parameters” once user is logged in.

1. General Parameters

General parameters	Device name Face Recognition
Network parameters	Device banner Welcome
Cloud parameters	Login password 123456
Recognition parameters	Weather city shenzhen
Display parameters	Display ir image Disable
Voice parameters	time zone +8
Image parameters	Entrance or exit Nothing
Interface parameters	language English
Control command	Submit
Application scenario	

- **Device Name:** The name displayed in the lower left corner of the device. User can customize.
- **Device Banner:** The text that will scroll in the lower left corner of the device. User can customize.
- **Login Password:** The password used to enter the background management program. Default password is 123456. User can customize.
- **Weather City:** Weather temperature displayed. This feature is not offered for this device; keep default selection blank to disable.
- **Display IR Image:** When enabled, infrared imaging will be displayed on the device when the screen is open. Note: This feature is disabled by default.
- **Time Zone:** The time displayed on the device. User can customize based off current time zone (select between -11 and +12).
- **Entrance or Exit:** This function is for setting the device for the entrance or exit of traffic. This feature is not offered for this device; keep default selection to “Nothing”.
- **Language:** The system supports multiple languages, for both text and voice. Select your language and allow the device to restart.

2. Network Parameters: Device Access

The screenshot displays a configuration menu with the following elements:

- Navigation Menu (Left):** A vertical list of tabs: General parameters, **Network parameters** (highlighted with a red box), Cloud parameters, Recognition parameters, Display parameters, Voice parameters, Image parameters, and Interface parameters.
- Wired Network Settings (Right):**
 - Use dhcp for wired network:** A dropdown menu currently set to "Enable".
 - Ip address for wired network:** A text input field containing "192.168.1.189".
 - Network mask for wired network:** A text input field containing "255.255.255.0".
 - Gateway for wired network:** A text input field containing "192.168.1.1".
 - Dns for wired network:** An empty text input field.
 - Wifi ssid:** An empty text input field.
 - Wifi password:** An empty text input field.
 - Submit:** A button at the bottom right of the configuration area.

A) Wired Network Connection

DHCP Enable: Automatically configure network IP and other information. It is recommended to enable this feature, so the device can automatically obtain the Internet-capable IP.

DHCP Disable: Manually configure the network IP and other information, need to fix the IP address of the computer, add a network segment for the device to access the Internet;

B) Wireless Network Connection

Enter the available WiFi name and password. Note: This field is upper and lower case sensitive.

3. Cloud Parameters: Cloud Platforms and Docking on Devices

General parameters

Network parameters

Cloud parameters

Recognition parameters

Display parameters

Voice parameters

Image parameters

Interface parameters

Control command

Application scenario

Cloud push mode
WEBSOCKET

Device number

Object id

Http url
http://192.168.1.199:8090/api/Face

Tcp url
192.168.1.199:8080

Mqtt url
tcp://192.168.1.199:1883

Websocket url
ws://www.ys2b.com/webfnzn/face/fnkx

Cloud login name

Cloud login password
123456

Cloud offline retransmission
Enable

Submit

Main Parameters:

- > Change the Cloud Push Mode to: "WEBSOCKET"
- > Change the Websocket URL to: ws://www.ys2b.com/webfnzn/face/fnkx

Note: To modify the push address, you must power off and restart

Note: All other Cloud Parameter fields should generally not be modified.

4. Recognition Parameters: Device Identification Comparison Parameters

General parameters

Network parameters

Cloud parameters

Recognition parameters

Display parameters

Voice parameters

Image parameters

Interface parameters

Control command

Application scenario

Face recognition method
Auto recognition

Recognition mode
Face or IC card

Recognition distance
Unlimited

Recognition interval (second)
1

Live face detection level
Close

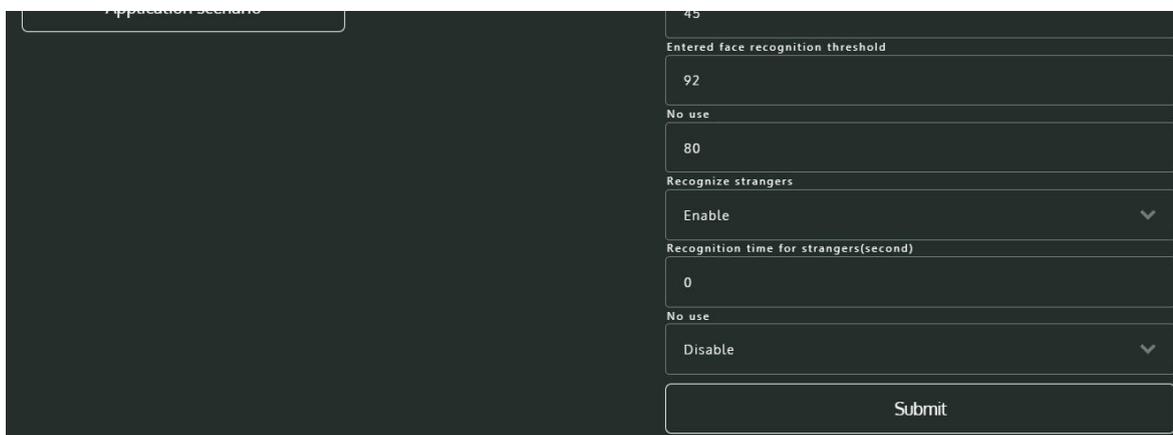
Face quality
Low

Live face for stranger
Disable

The largest face recognized only
Disable

Face detection threshold
30

Face critical point threshold
45



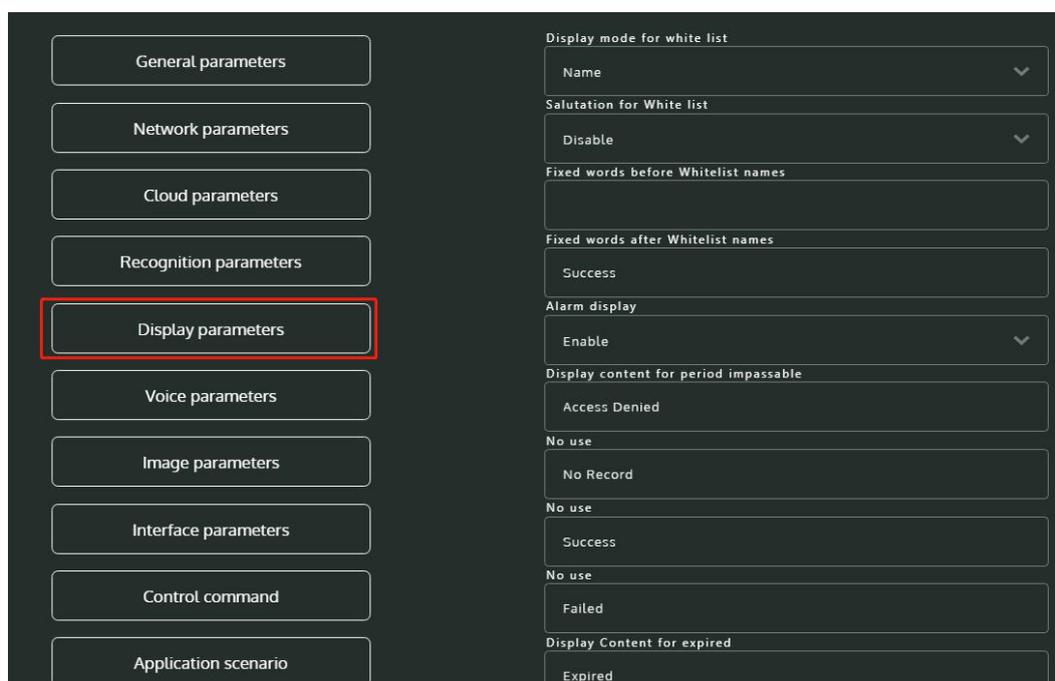
- **Face Recognition Method:** Generally use automatic recognition.
- **Recognition Mode:** Face; Face or IC Card.
- **Recognition Distance:** Set the recognition distance at either: <0.5m, <1m, <2m, <3m or Unlimited.
- **Recognition Interval (Seconds):** 0-99 seconds; the greater the number, the longer the interval.
- **Live Face Detection Level:** Closed, Low, Medium or High (generally set low). Used to distinguish real people's faces from photos. If closed, photos can also be recognized. Low, medium and high are the levels utilized for real face detection. High means the requirement of live person authentication is strict. We recommend customers using photo and real face to make a comparison and then choose the level they want.
- **Face Quality:** Low, Medium or High. Capture the clarity of the picture.
- **Live Face For Stranger:** Disable or Enable. Whether to use live person detection for "strangers" not currently registered in the face database.
- **The Largest Face Recognized Only:** Disable or Enable. Typically, the closest user to the camera will get recognized.

• **Face Detection Threshold:** 30 (recommended default)
 • **Face Critical Point Threshold:** 45 (recommended default)
 • **Entered Face Recognition Threshold:** 92 (recommended default)
 Note: The above thresholds with number 30, 45, 92 are key for face information acquisition and recognition. These default values have been tested and modified by the manufacturer and are highly recommended. User modification may cause problems in face acquisition and recognition.

- **Recognize Strangers:** Enable or Disable. Whether or not to turn on the "stranger" recognition function for those not currently registered in the face database.
- **Recognition Time for Strangers (Seconds):** 0-99 seconds. How many seconds the screen will recognize "strangers" not currently registered in the face database. The larger the number, the longer the interval between identifying the "stranger".

Note: If the interval is set to "0" seconds, the screen will constantly recognize the user and broadcast. It is recommended to experiment with different seconds to experience different results and set time to the users' requirements.

5. Display Parameters: Configure Device to Display Content Parameters



The screenshot shows a settings interface with the following sections:

- Display content for strangers:** A dropdown menu with "Stranger" selected.
- Screen saver mode:** A dropdown menu with "Default" selected.
- Main UI overlay mode:** A dropdown menu with "Default" selected.
- Main UI overlay:** A dropdown menu with "Enable" selected.
- Company QR:** A dropdown menu with "Disable" selected.
- Submit:** A button.
- No use:** An input field with "No use" text and a right-pointing arrow icon.
- No use:** An input field with "No use" text and a right-pointing arrow icon.
- No use:** An input field with "No use" text and a right-pointing arrow icon.
- Upload QR code image(Resolution: 800x840 ,file format:jpg,png):** An input field with a right-pointing arrow icon.
- Submit:** A button.

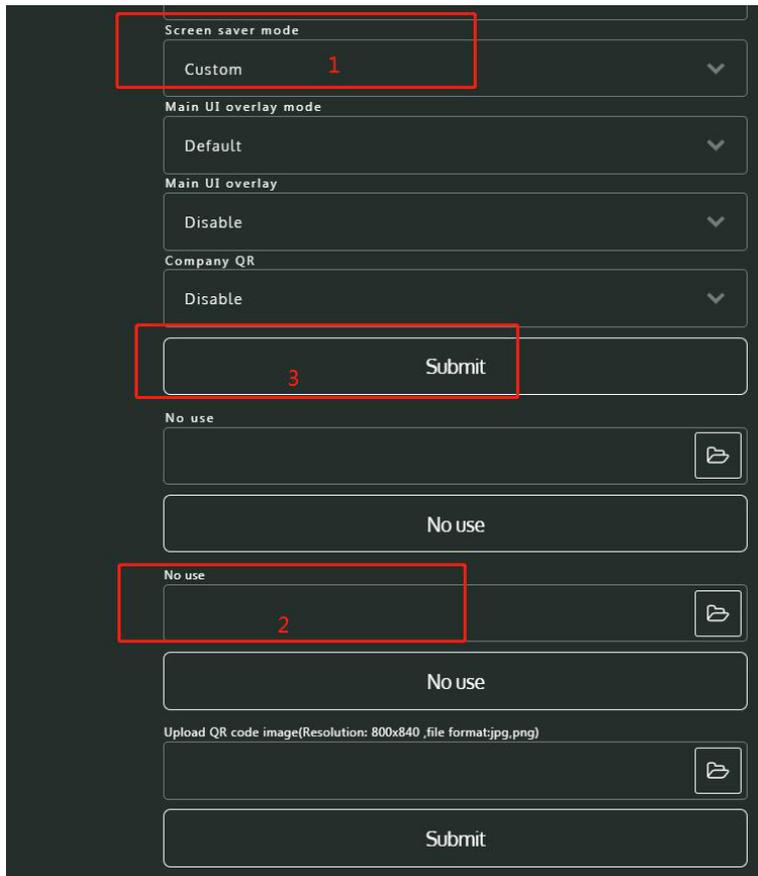
Note: The “no use” fields are not active and have no functionality.

- **Display Mode for Whitelist:** The content displayed after successful face comparison.
Note: The “whitelist” is the user whose face is registered through the cloud or local client platform.
- **Salutation for White List:** Add title after displaying name.
- **Fixed Words Before Whitelist Names:** User can customize.
- **Fixed Words After Whitelist Names:** User can customize.
- **Alarm Display:** User can turn “on” or “off”.
- **Display Content for Period Impassable:** User can customize.
- **Display Content for Expired:** Default: “Expired”; user can customize.
- **Display Content for Strangers:** Default: “Stranger”; user can customize.
- **Screen Saver Mode:** Default screen saver already set. User can customize; refer to “Setting a New Screen Saver” section below.
- **Main UI Overlay Mode:** Default.
- **Main UI Overlay:** Disable or Enable. The Main UI Overlay is the area of the screen with the blue reference block.
- **Company QR:** Disable or Enable. After opening, if the recognition is successful, a QR code can be displayed. The QR code can be used to display names, small videos or tips. Upload a QR code image: Requires resolution 800x840, format file .png; UI Overlay format: Requires resolution 800x840, format file .png; Screen saver package: requires resolution 800x1280, format file .jpg, named from 1.jpg, 2.jpg, to 10.jpg, compressed into zip file and no secondary directory; as shown in the figure below:

..		
1.jpg	109,738	109,662
2.jpg	143,761	143,585
3.jpg	130,945	130,843
4.jpg	37,273	34,667
5.jpg	45,078	44,129
6.jpg	199,903	197,617
7.jpg	112,388	112,096
8.jpg	100,126	98,112

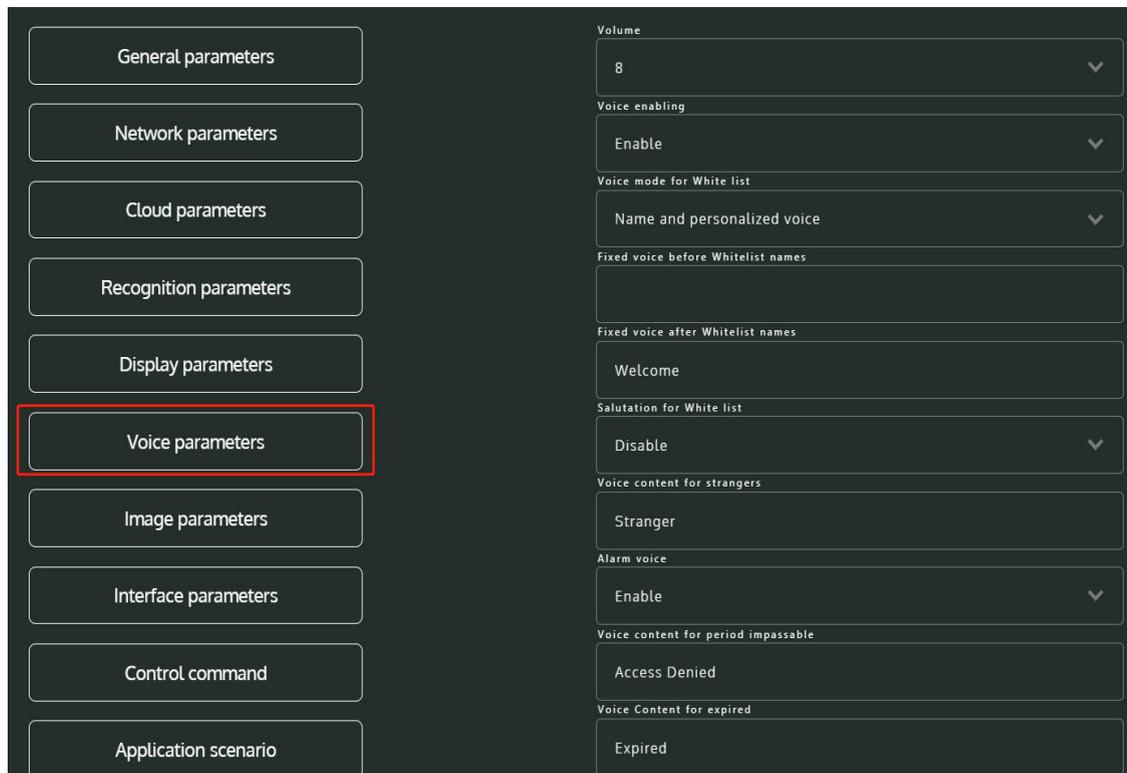
Setting a New Screen Saver:

- 1) Set screen saver mode to “Custom”
- 2) Upload the compressed file in the format of XXX.zip
- 3) Click “Submit”



The screenshot shows a settings page for screen savers. It features several dropdown menus and file upload fields. Three red boxes highlight specific elements: the first box (1) highlights the 'Screen saver mode' dropdown set to 'Custom'; the second box (2) highlights the file upload field for the screen saver image; the third box (3) highlights the 'Submit' button at the bottom of the form.

6. Voice Parameters: Device Voice Content Parameters



The screenshot displays the 'Voice parameters' settings page. On the left, there is a vertical list of menu items: 'General parameters', 'Network parameters', 'Cloud parameters', 'Recognition parameters', 'Display parameters', 'Voice parameters' (highlighted with a red box), 'Image parameters', 'Interface parameters', 'Control command', and 'Application scenario'. On the right, the 'Voice parameters' section is expanded, showing various settings: 'Volume' (8), 'Voice enabling' (Enable), 'Voice mode for White list' (Name and personalized voice), 'Fixed voice before Whitelist names' (empty field), 'Fixed voice after Whitelist names' (Welcome), 'Salutation for White list' (Disable), 'Voice content for strangers' (Stranger), 'Alarm voice' (Enable), 'Voice content for period impassable' (Access Denied), and 'Voice Content for expired' (Expired).

- **Volume:** 0-10, 0 = Minimum; 10 = Maximum.
- **Voice Enabling:** Enable or Disable. If enabled, the user can customize the voice content using the remaining parameters under this section.

7. Image Parameters: Device Image Parameters

The screenshot displays a configuration interface for device image parameters. On the left, a vertical list of buttons allows navigation between different parameter categories. The 'Image parameters' button is highlighted with a red rectangular border. The main area on the right contains four configuration fields, each with a dropdown arrow: 'Picture capture mode' is set to 'Full capture', 'Image encode qp' is set to '80', 'Wdr' is set to 'Enable', and 'Face beauty' is set to 'Disable'. A 'Submit' button is located at the bottom right of the configuration area.

- **Picture Capture Mode:** Full capture, Face capture, or No capture. The capture modes of the face appearing in front of the camera.
- **Image Encode QP:** The quality of the captured image. Default: 80. This default value is recommended, otherwise the recognition effect may be affected.
- **WDR:** Enable or Disable. This feature is not offered for this device; either selection will have no effect.
- **Face Beauty:** Enable or Disable. This feature is not offered for this device; either selection will have no effect.

8. Interface Parameters: Configure Device Additional Function Parameters

Note: The equipment interface parameters are used with other external devices such as gate machines. If user isn't using an external device, keep the default parameters selected.

The screenshot shows a configuration interface with a sidebar on the left and a main content area on the right. The sidebar contains the following categories: General parameters, Network parameters, Cloud parameters, Recognition parameters, Display parameters, Voice parameters, Image parameters, **Interface parameters** (highlighted with a red box), Control command, and Application scenario. The main content area displays the following settings:

- Open door offline: Enable
- Open door for stranger: Disable
- Relay closing time (ms): 500
- Pass time:
- Auto delete expired registration information: Disable
- Rs485 output baud rate: 19200
- Rs485 input mode: Version 2 for temperature measurement
- Rs485 output mode: Nothing
- Wg input mode: IC card
- Wg output mode: IC card No

A Submit button is located at the bottom right of the main content area.

9. Control Command: Device Firmware Parameters

The screenshot shows a control command interface with a sidebar on the left and a main content area on the right. The sidebar contains the following categories: General parameters, Network parameters, Cloud parameters, Recognition parameters, Display parameters, Voice parameters, Image parameters, Interface parameters, **Control command** (highlighted with a red box), and Application scenario. The main content area displays the following information and controls:

- SN: J19
- mac address: lan : 10:00:01:00:03:E9 ; wifi : 7C:A7:B0:CE:F1:DA
- Hardware version: B022
- Software version: 3.2.9-1
- Algorithm version: 2.0.1-1.2.0
- Device upgrade: [Upload icon]
- Upgrade
- Device restart
- Open Door
- Clean registration info
- Clean access record on the device

Upgrading firmware: Uploading .bin files in compressed packages, Prompting web pages to appear after upgrading, Clearing up registration information: cleaning personnel sent to equipment, cleaning the traffic record: clean the record data of equipment identification.

Upgrade Steps:

- 1) Choose the XXX.bin file
- 2) Click "Upgrade"
- 3) Allow interface/device to restart
- 4) Re-enter the "IP" address
- 5) View device version number. "Algorithm Version"

10. Application Scenario: Device Application Scenario Configuration

General parameters

Network parameters

Cloud parameters

Recognition parameters

Display parameters

Voice parameters

Image parameters

Interface parameters

Control command

Application scenario

Application mode

Temperature measurement

Mask reminder

Disable

Temperature unit

degrees Fahrenheit

Prompt close to screen

Enable

Prompt in temperature measurement

Enable

Prompt temperature value

Enable

Temperature threshold(degrees Celsius)

37.3

Temperature threshold(degrees Fahrenheit)

99.1

Helmet detection

Disable

High temperature alarm

Enable

Submit

Update high temperature alarm file(wav, within 3 seconds, 16bit, mono, sampling rate 16khz)

Submit

- **Application Mode:** Temperature Measurement or Normal (without temperature).
- **Mask Reminder:** Disable or Enable. When enabled, will alert user if mask is not detected.
- **Temperature Unit:** Degrees in Celsius or Fahrenheit.
- **Prompt in Temperature Measurement:** Disable or Enable.
- **Prompt Temperature Value:** Enable or Disable.
- **Temperature Threshold (Degrees Celsius):** XX.X (keep decimal)
- **Temperature Threshold (Degrees Fahrenheit):** XX.X (keep decimal)
- **Helmet Detection:** Disable or Enable. When enabled, will alert user if helmet is not detected.
- **High Temperature Alarm:** Enable or Disable.

Note: Update high temperature alarm file (.wav, within 3 seconds, 16 bit, mono, sampling rate 16khz).

Login

1. Cloud Platform Account

(1) Cloud account login information is provided on the label inside the camera system box.
If unable to locate, contact Global Industrial Customer Service at 1-800-645-2986.

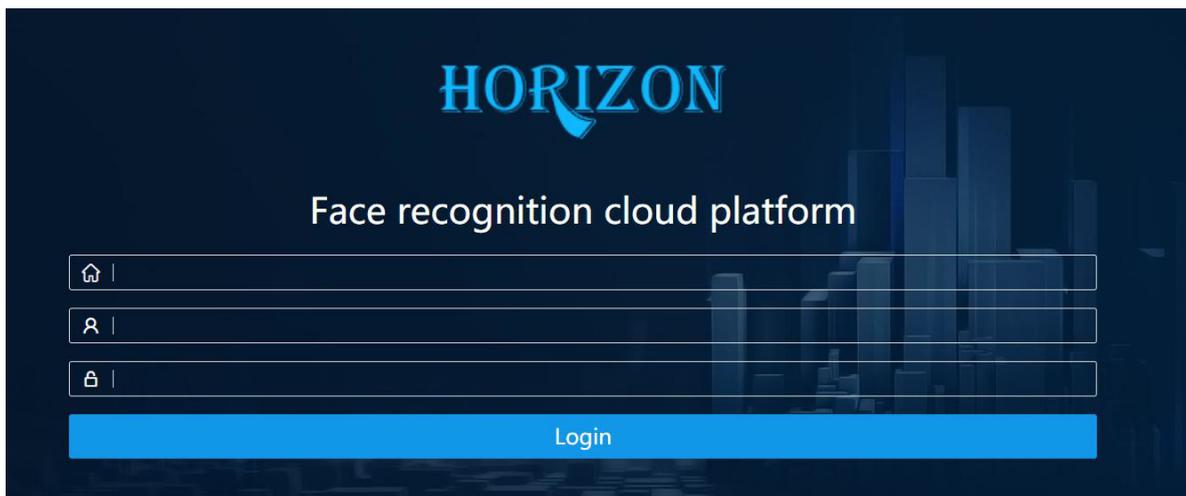
(2) Personal account information will be obtained in the following format:

Enterprise domain:fy

Technology User Name: ceshi:

Password :*****

Address: <http://www.ys2b.com/obpm>



2. Local client

Note: Only operate on the first connection

(1) Installation environment

<http://www.fnzn.net/en/faceapp.zip> (Copy the URL to the browser to download automatically)

(2) Unzip, unzip the file faceapp.rar to X: root directory(X:C;D;E;F)

(3) Open the faceapp file Enter enterprise domain, account number, password after the point [login] into the face recognition cloud platform.

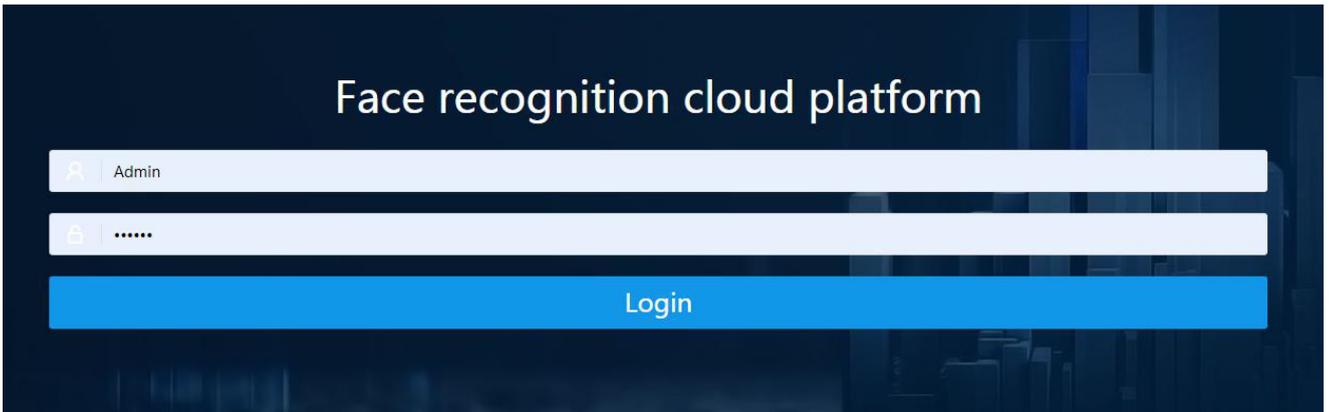


Run install_service, bat as an administrator and wait for the operation to complete

Run StartAPP as an administrator and wait for about 2 minutes.

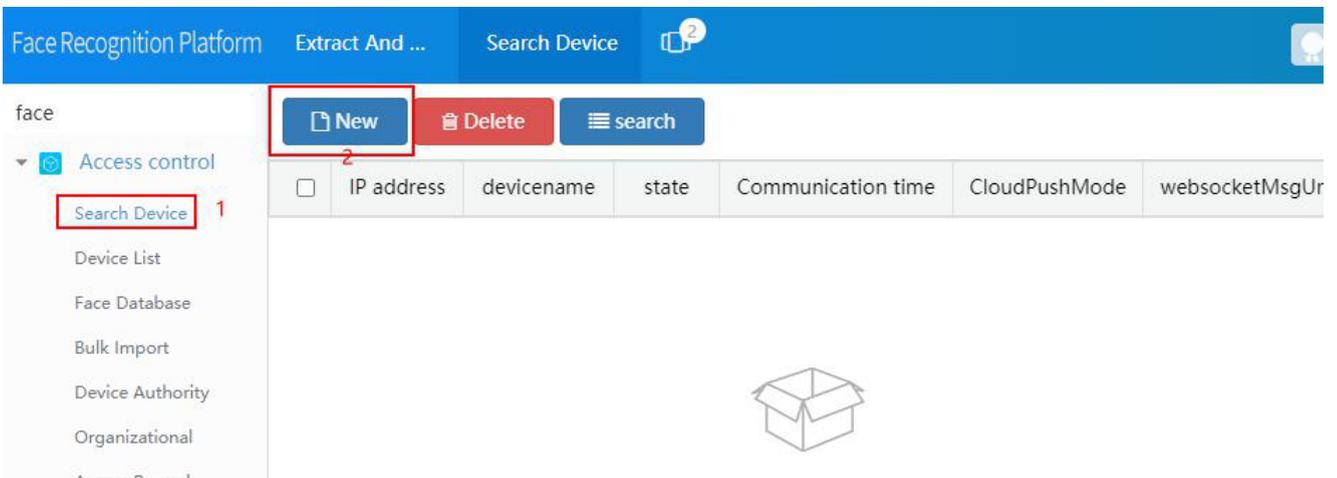
Open the face recognition system, **login username: Admin password: 123456**

***NOTE: Use of Win10 system must open port 8081 or close firewall.**

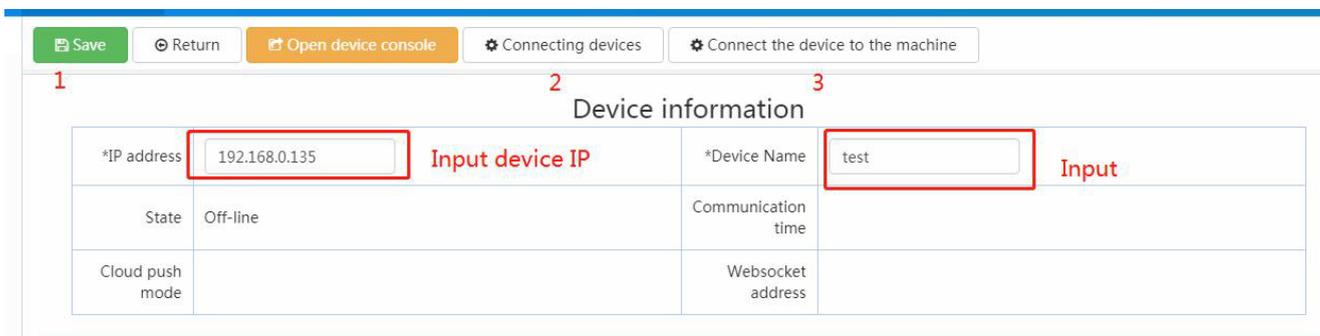


(4) Add devices to the platform

Click Access control and then click search device ,final click new



Enter the IP address of the device, the name can be set by yourself



*** NOTE: Be sure to click "Save"**

(5) Connect the platform

Click to connect the device and wait until the following picture appears:

The screenshot shows a 'Device information' form with the following fields:

*IP address	192.168.0.135	*Device Name	test
State	On-line	Communication time	2020-06-23 16:25:53
Cloud push mode	WebSocket	Websocket address	ws://www.ys2b.com/webfnzn/face/fnkx

Buttons at the top: Save, Return, Open device console, Connecting devices, Connect the device to the machine.

- ① Click "Connect the device to the machine". Wait for the device to restart (approximately 2 ~ 3 minutes)
- ② Re-enter the webpage and open-Device Maintenance-You can see that the device is online, the online device SN number is the same as the SN number at the bottom of the device screen

The screenshot shows a 'Device List' table with the following data:

IP address	devicename	state	Communication time	CloudPushMode	websocketMsgUrl
192.168.0.135	test	On-line	2020-06-23 16:25:53	WebSocket	ws://www.ys2b.com/webfnzn/face/fnkx

(6)View devices in Device List

The first time you connect, you must refresh the page first. It takes about 1 minute.

①Device online

The screenshot shows a 'Device List' table with the following data:

device	sn	Status	Address	Owner	la
0020200609019	0020200609019	On-line			2020-06

For the first connection, the user must be set

The screenshot shows a 'Device Information' form with the following fields:

*Device Name	0020200609019	*SN	0020200609019
Owner	admin	Content broadcast when remote door opening	

Buttons at the top: Save, Return.

The user who belongs to it can be used normally

The screenshot shows a 'Device List' table with the following data:

device	sn	Status	Address	Owner	20.
0020200609019	0020200609019	On-line		admin	

②No Device

Open port 8081, refresh the web page, you can see the device

(7) Change Password

name:

Personal settings

BasicInfo

Basic Information

User Name : Account :

Email : Mobile :

Modify Password

Original Password :

New Password :

Confirm Password :

Access Control Equipment

1 Device List

1.1 Basic information: if there is a device name, click the device name directly; if there is no device name, click [new], fill in the device information, version information on the basic information page, select the use scene, then click [save], need to synchronize to the device click [device parameters] under the "device operation" page, and then see the synchronization status in the "synchronization information" page, as shown in the following figure:

Workflow Center

Device Name: SN:

device	sn	Status	Address	Owner	Last communication time
<input type="checkbox"/> 001	00000000000000000000000000000000	Off-line		00000000000000000000000000000000	2020-04-24 19:27:48

Save Return Upgrade

Basic Parameter PassablePeriod Network AccessController Synchronization Online EnteredFace EnteredPhoto

Device Information Search the device

*Device Name	<input type="text"/>	*SN	<input type="text" value="2"/>
Owner	<input type="text"/> Add Clear	Content broadcast when remote door opening	<input type="text"/>
Status	Off-line	Last communication time	2020-04-24 19:27:48
Version Information			
Interface Version Number	V3.5	Hardware Version Number	B022
Software Version Number	2.3.4-1 2020-04-18	Algorithm Version Number	1.0.2-1.2.0
Associated Developer	<input type="text"/>	Synchronous Number	0/0
Device Address	<input type="text"/>	Position on the Map	<input type="text"/> Map 0/0
Synchronous Timeout	60 second	Photo Compression	0 px(suggest1024px)
Record not uploaded	0	Synchronization	Employee <input type="text"/> Manual <input type="text"/> Visitors <input type="text"/> Manual <input type="text"/>
Application scenarios	Access Control <input type="text"/> No <input type="text"/> Company attendance <input type="text"/> No <input type="text"/> School attendance <input type="text"/> No <input type="text"/>		

1.2 Parameter Information: Click [Parameter Information], set each parameter information, then click [Save], need to synchronize to set Click Device Parameters on the Device Action page and view the synchronization status on the Synchronization Information page, as shown below

Save Return Upgrade

Basic **Parameter** PassablePeriod Network **AccessController** **Synchronization** Online EnteredFace EnteredPhoto

System Settings

Administrator's Password	<input type="text" value="123456"/> (number, letter, character)	ntp enabling	<input type="text"/> open
ntp cycle	<input type="text" value="24"/> 0-24 (hours)	ntp address	<input type="text" value="ntp1.aliyun.com"/> ntp DN

1.3 Passage Time Settings: Click on [Passage Period], set the custom time period of the passable date, Monday to Sunday, then click [Save], need to synchronize to the device click [Device parameters] under the "Device Operation" page, and then view the synchronization status in the "Sync Information" page, as shown in the following figure:

Save Return Upgrade

Basic Parameter **PassablePeriod** Network **AccessController** **Synchronization** Online EnteredFace EnteredPhoto

Passable Period

Passable Period: Monday: All Tuesday: All Wednesday: All Thursday: All Friday: All Saturday: All Sunday: All

Monday

Custom period1

Custom period2

Custom period3

Custom period4

Custom period5

Custom period1

1.4 Network Information: Click [Network Information] to view, as shown below:

Save Return Upgrade

Parameter PassablePeriod **Network** AccessController Synchronization Online EnteredFace EnteredPhoto

cloud push mode	WebSocket	Wired network DHCP enabling	Enable
Wired network IP address	192.168.1.189	Wired net subnet mask	255.255.255.0
Wired gateway	192.168.1.1	Wired DNS	
Wifi wireless hotspot	Disable	Wifi DHCP enabling	Disable
Name of wifi	haochenkeji	Wifi password	Sz438833141
Websocket address	ws://www.y52b.com/webfnzn/face/fnkx	http delivery address	http://192.168.1.199:8090/api/Face
Mott		Trn	

1.5 Equipment operation: after all the parameters are set, click [set parameters] in the [device operation] page, you can synchronize the set parameters to the device, as shown in the following figure:

Save Return Upgrade

Basic Parameter PassablePeriod Network **AccessController** Synchronization Online EnteredFace EnteredPhoto

DeleteAllFacialInformationOnTheDevice	RemoteOpenTheDoor	RemoteRestart	SnapShotOnlineOfFace	SnapShotOnline
ObtainParameters	SetUpParameters	LockTheDevice	UnlockTheDevice	ExtractFacialInfo
StopExtractingFacialInfo	CleanTheRecordsOnTheDevice			

1.6 Synchronization information: click on [synchronization information] to view the status of equipment synchronization information, to view the current operation click [refresh] to view the current operation synchronization information, as shown in the following figure:

Basic Parameter PassablePeriod Network AccessController **Synchronization** Online EnteredFace EnteredPhoto

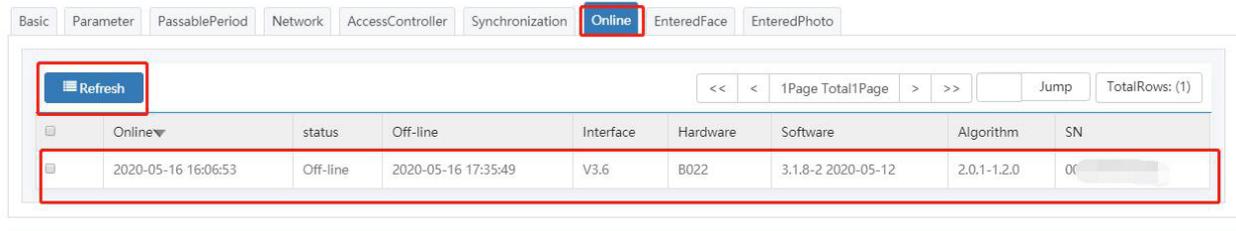
Refresh

<< < 1Page Total1Page > >> Jump TotalRows: (1)

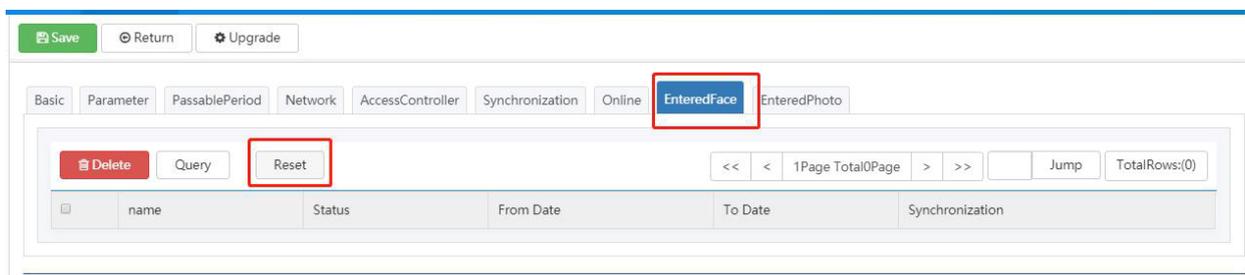
checkbox	time	name	type	results	Reply	message
<input checked="" type="checkbox"/>	2020-05-16 16:06:53		ObtainParameters	Sent	2020-05-16 16:06:53	

1.7 Online Information: Click [Online Information] to view the device online status to view the current new access device click

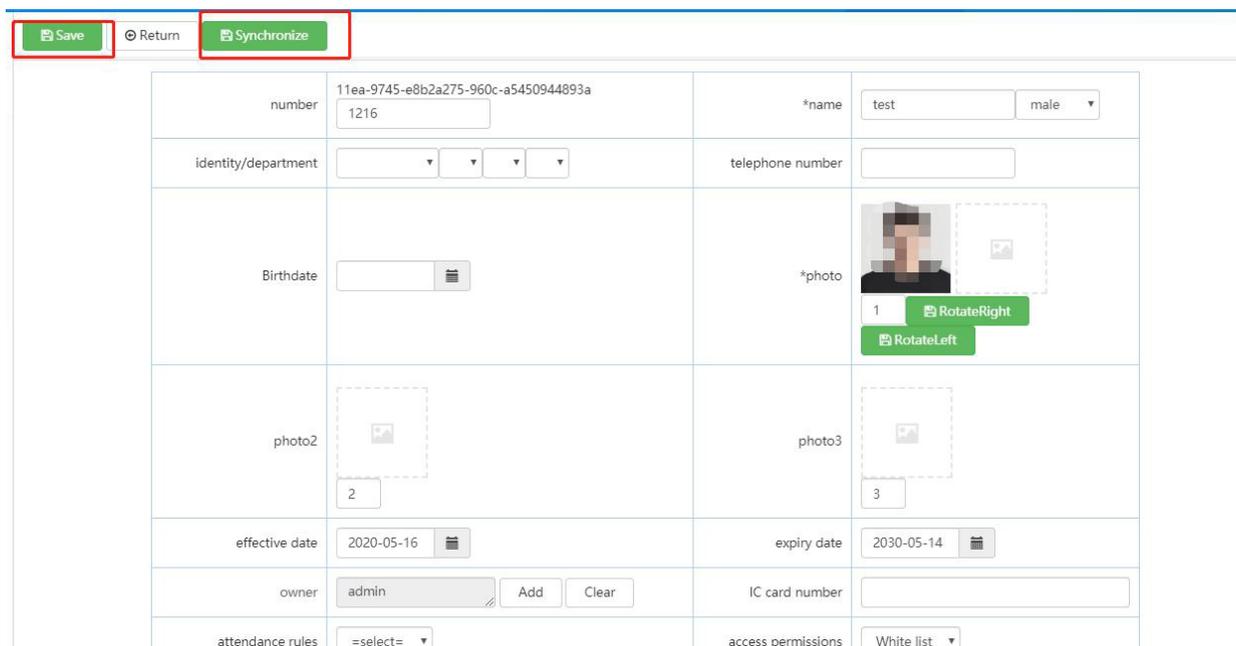
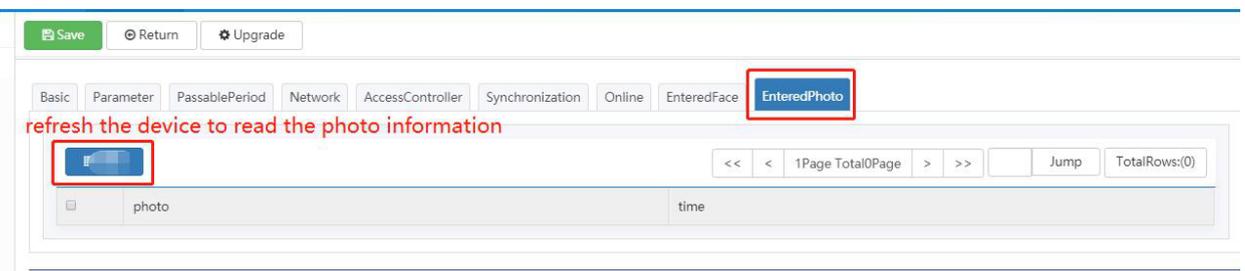
You can view the current online status of the access device, as shown below:



1.8 Equipment personnel: click [equipment personnel] to view the status of equipment personnel, to view the current operation click [reset] to view the current operation of equipment personnel information, as shown in the following figure:



1.9 Deice Photo :Click[Device Photo] to view the device photo information (only online photos can have device photos), to view the current operation click [refresh] to view the current operation photo information, as shown in the following figure:



display setting

display mode	no personalized content	display Salutation	no
preattached words		postattached words	
device to be synchronized	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid gray; width: 100px; height: 100px;"></div> <div style="text-align: center;"> <input type="button" value=">"/> <input type="button" value=">>"/> <input type="button" value="<"/> <input type="button" value="<<"/> </div> <div style="border: 1px solid gray; width: 100px; height: 100px; position: relative;"> 1 </div> </div>		

device synchronized

checkbox	device	Status	time	results
<input type="checkbox"/>				

2.Face Database

2.1 Click [New], fill in personnel information, broadcast settings, display settings, and then click [Save], select the device to be synchronized and then click [Synchronize to the device immediately],[broadcast parameters Synchronize to the device] can, as shown below

Workflow Center

number: name:

face

- Device
- Access Control
- Face Database**

checkbox	number	name	photo	department	department1	department2	owner
<input type="checkbox"/>	001						

2.2 Delete the person information, tick the name of the registration information to delete, click [delete] can:

number: name:

checkbox	number	name	photo	department	department1	department2	owner
<input checked="" type="checkbox"/>	001	Winson					admin

2.3 Export personnel information, click [export] to export registration information to the Excel form:

number: name:

checkbox	number	name	photo	department	department1	department2	owner
<input type="checkbox"/>							

2.4 Query personnel information, enter the number or name, click [query] can:

number: name:

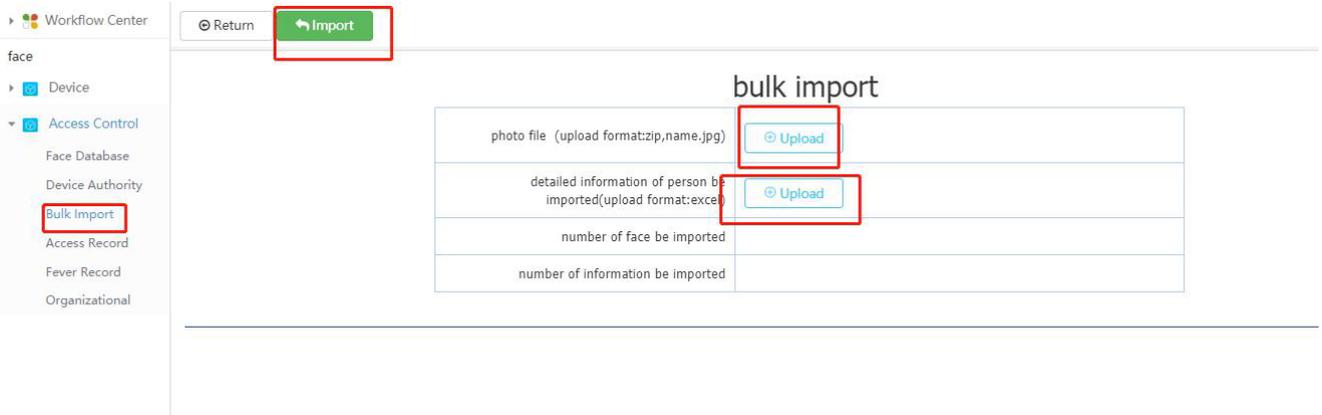
checkbox	number	name	photo	department	department1	department2	owner
<input checked="" type="checkbox"/>	001						admin

2.5 Advanced query, click [advanced], fill in the number, name, select department, click [query] can:

number name department

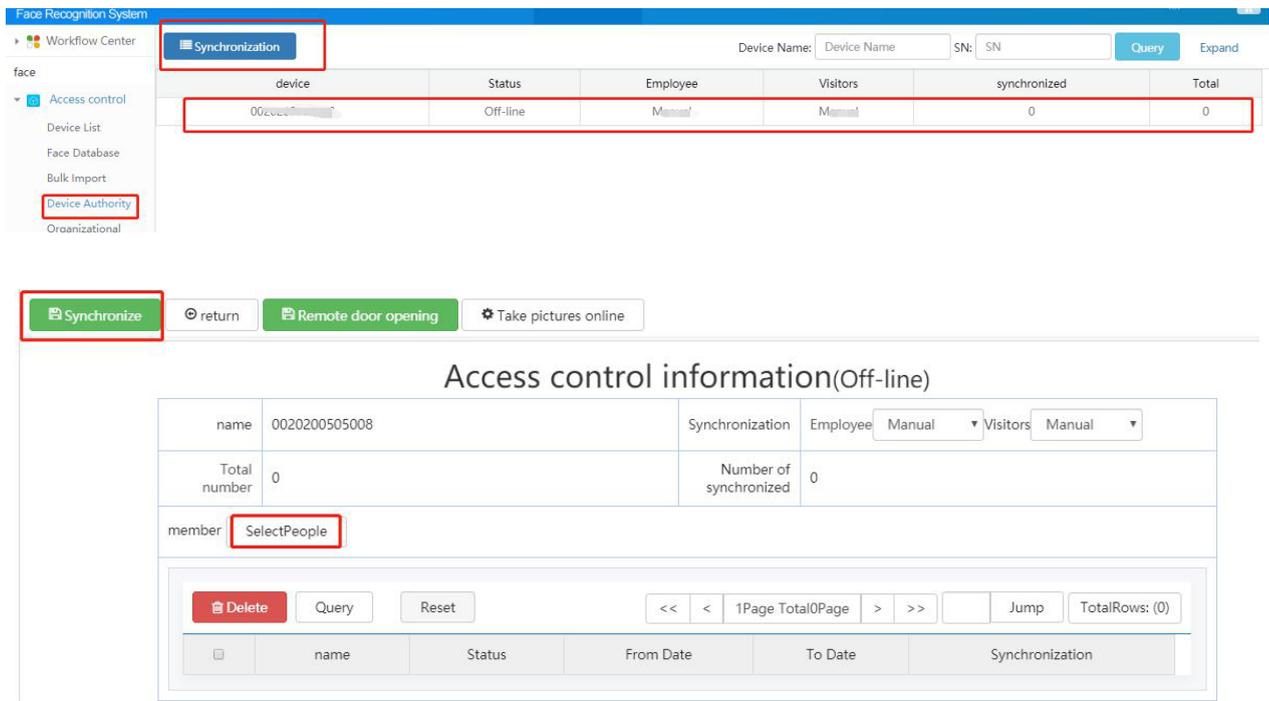
3. Bulk importers

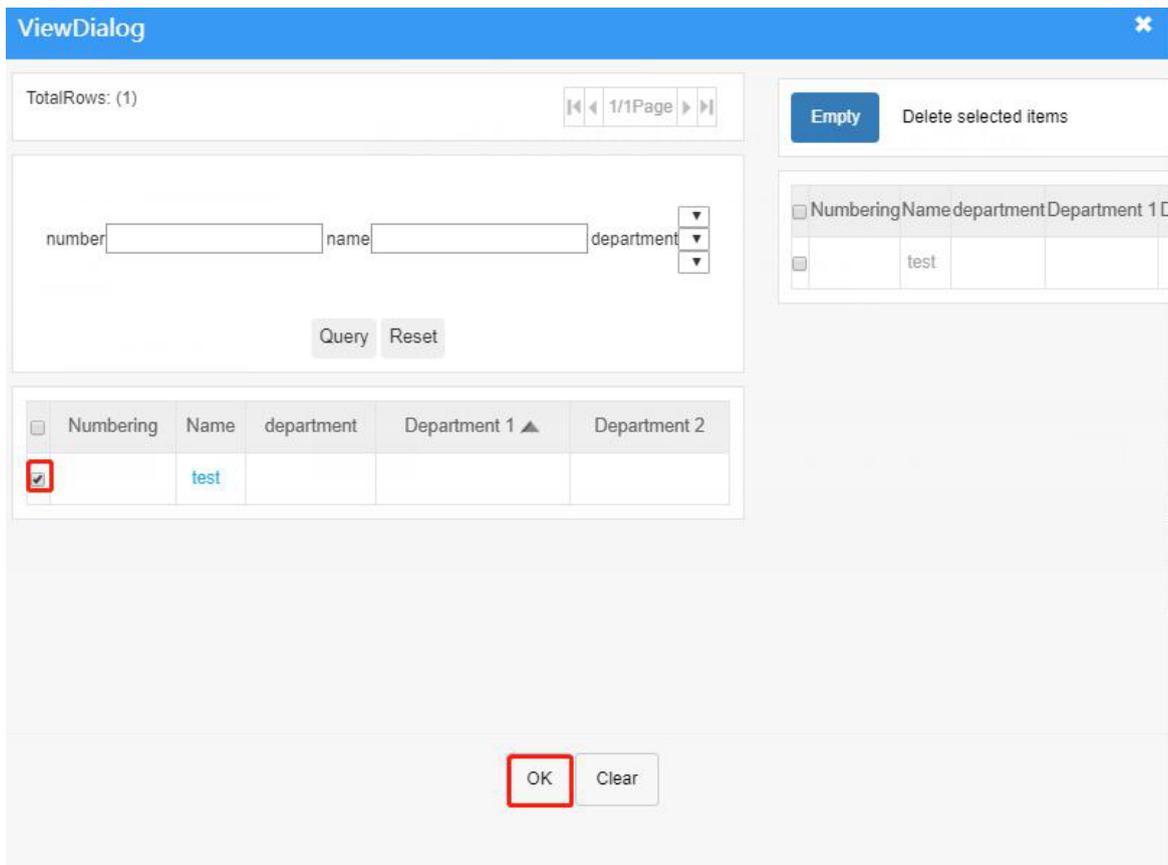
3.1 Click [New], upload face file, face information file (Note: a face must correspond to a person information, otherwise can not import), click [Import] can, as shown in the following figure:



4. Device Authority

4.1 Click [automatic synchronization], you can automatically synchronize employees, visitors to the device, click on the specific device name to view the device access information. New members click [Select Person], tick the person in the view box (multiple selections are allowed), click [Synchronize] when you are sure, as shown below:





4.2 Query access control settings, enter the device name, device number, click [query] can:

Synchronization

Device Name: SN: Query Expand

device	Status	Employee	Visitors	synchronized	Total
0020200505008	Off-line	Manual	Manual	0	0

4.3 Advanced query, click [Advanced], fill in the device name, device number, select status, click [Query] can:

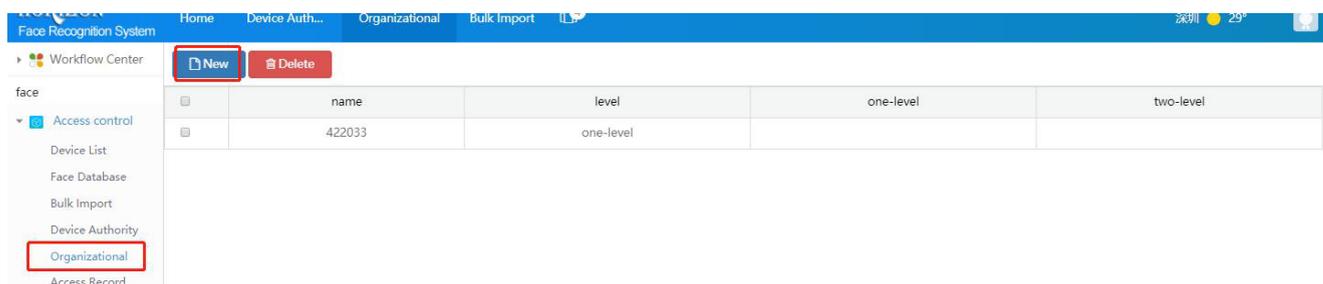
Synchronization

Device Name SN Owner test Status

Query Reset

5.Organizational

5.1 Click [New], fill in the visitor registration information, then click [Save]



Organization settings

level	one-level
name	1111
owner	test
member	

5.2 Delete visitor information, tick the name of the visitor to delete, click [delete] can:

	name	level	one-level	two-level
<input checked="" type="checkbox"/>	422033	one-level		

6. Access Record

6.1 Click on the information you want to view, see the details of the traffic, you can see the card records, ID card information, you need to add click [Add as guest],[Add to Employee Library] can, as shown in the following figure:

Workflow Center

From Date: To Date:

face

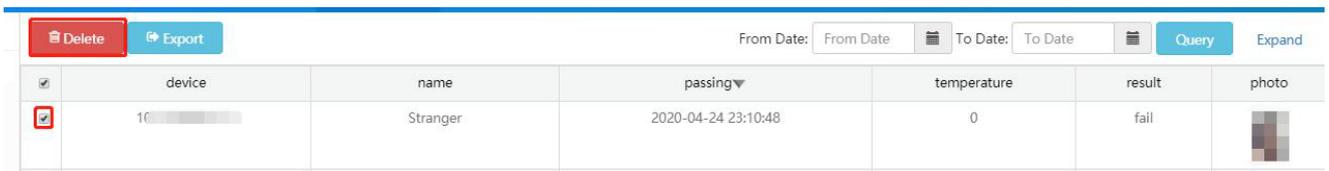
- Access control
 - Device List
 - Face Database
 - Bulk Import
 - Device Authority
 - Organizational
 - Access Record**
 - Photographs

	device	name	passing	temperature	result	photo
<input checked="" type="checkbox"/>	1011300000117	Stranger	2020-04-24 23:10:48	0	fail	
<input type="checkbox"/>	1011300000117	Stranger	2020-04-24 23:08:41	0	fail	
<input type="checkbox"/>	1011300000117	Stranger	2020-04-24 22:57:37	0	fail	

access record

Save Time	2020-04-24	passing time	2020-04-24 23:10:48
device	1011300000117	name	(stranger)
recognition mode	stranger fail	temperature	0
IC card number		msgid	132

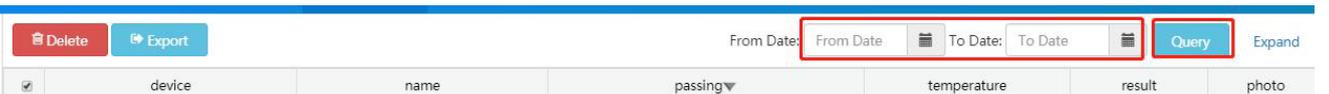
6.2 Delete traffic information, tick the information to delete, click [delete] can:



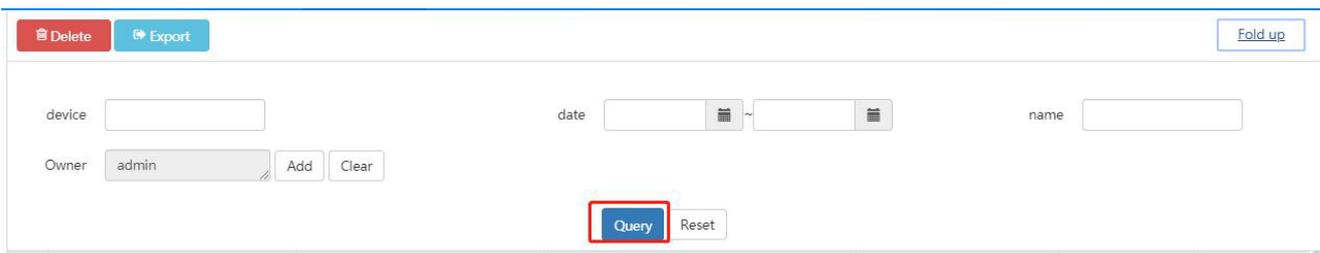
6.3 Export traffic information, click [export] to export employee information to the Excel form:



6.4 Enquire traffic information, enter start to end date, click [query] can:

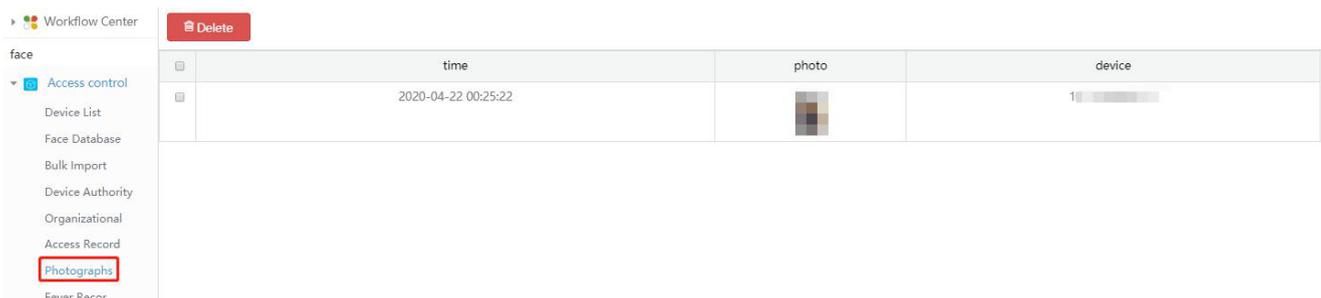


6.5 Advanced query, click [Expand], fill in the equipment, start the deadline, personnel, click [Query] can:



7. Photographs

7.1 Click on the selection box to see the details of the device photos (only online photos can have the device photos), need to add to the people bank to fill in the name, where the organization, click [add to the people bank], as shown below:



Save Return Add to Employee Library

snap shot online

device	101130000117
photo	
name	<input type="text"/>
Organization	<input type="text"/>

8.Fever Record

8.1 Click on the selection box to view the details of the high temperature personnel information, including punch records, ID card information, need to add to the visitor click [add as guest], need to add to the pool of people click [add to people library], as shown in the following figure:

delete Export Starting from: 2020-05-19 Date only: 2020-05-19 Inquire advanced

<input type="checkbox"/>	device	personnel	time	temperature	ID card name	identification number	ID address
<input type="checkbox"/>	C	stranger	2020-05-19 14:57:43	45.7			

return Add as guest Add to people library

Punch record

date	2020-05-19	Entry time	2020-05-19 14:57:43
device	C	personnel	
the way	stranger	temperature	45.7
IC card number		Device msgid	771

8.2 Delete high temperature personnel information, tick to delete registration information name, click [delete] can:

Delete Export From Date: 2020-05-19 To Date: 2020-05-19 Query Expand

<input checked="" type="checkbox"/>	device	name	passing time	temperature
<input checked="" type="checkbox"/>				

8.3 Export high temperature personnel information, click [export] can export registration information to the Excel form:

Delete Export From Date: 2020-05-19 To Date: 2020-05-19 Query Expand

<input checked="" type="checkbox"/>	device	name	passing time	temperature
<input checked="" type="checkbox"/>				

8.4 Enquire registration information, enter start and end date, click [query] can:

Delete Export From Date: 2020-05-19 To Date: 2020-05-19 Query Expand

<input type="checkbox"/>	device	name	passing time	temperature
<input type="checkbox"/>				

8.5 Advanced query, click [Advanced], fill in temperature, date, click [Query] can:

temperature
 date ~

9.Synchronization

9.1 Click on the selection box to view the message, as shown below:

From time: To time:

<input type="checkbox"/>	time▼	device	name	type	results	Reply	message
<input type="checkbox"/>	2020-06-27 09:02:16	0020200609019		ObtainParameters	success	2020-06-27 09:02:16	

message logging

message ID	<input type="text" value="7"/>
Time	<input type="text" value="2020-05-19 06:27:47"/> <input type="button" value="calendar"/>
device	<input type="text"/>
name	<input type="text"/> <input type="button" value="DetailedInfo"/>
replay time	<input type="text" value="2020-05-19 06:27:48"/> <input type="button" value="calendar"/>
operation type	ObtainParameters
synchronous state	success
prompt message	<input type="text"/>

9.2 Delete synchronization information, tick the synchronization information to delete, click [delete] can:

From time: To time:

<input type="checkbox"/>	time▼	device	name	type	results	Reply	message
<input checked="" type="checkbox"/>	2020-06-27 09:02:16	0020200609019		ObtainParameters	success	2020-06-27 09:02:16	
<input checked="" type="checkbox"/>	2020-06-27 09:00:41	0020200609019		ObtainParameters	success	2020-06-27 09:00:41	

9.3 Query synchronization information, input start and end time, click [query] can:

From time: To time:

9.4 Advanced query, click [Advanced], fill in name, select department, start date, deadline, click [Query] can:

10. Extract And Export

10.1 View the extracted equipment personnel, click on the personnel information, you can see the details of the personnel information, as shown in the following figure:

device	personnel	User	Effective time	Effective time
			2020-04-25	2030-04-23

10.2 Import to Personnel Management, check personnel, click [check Import to Personnel Library], as shown below:

<input type="checkbox"/>	number	name	sex	department	telephone	photo	From Date	To Date	device
<input checked="" type="checkbox"/>									

10.3 Delete synchronization information, tick the person information to delete, click [delete] can:

<input checked="" type="checkbox"/>	number	name	sex	department	telephone	photo	From Date	To Date	device
<input checked="" type="checkbox"/>									

10.4 Query synchronization information, input start and end time, click [query] can:

<input checked="" type="checkbox"/>	number	name	sex	department	telephone	photo	From Date	To Date	device
<input checked="" type="checkbox"/>									

10.5 For advanced query, please click [Advanced], fill in the number, name, department, mobile phone, device name, select gender, valid time, and then click [Query]

<input type="checkbox"/> Delete	<input type="checkbox"/> Check import to personnel Library			<input type="text" value="name: name"/> Device: <input type="text" value="Device"/>	<input type="button" value="Query"/>	<input type="button" value="Expand"/>	
number	<input type="text"/>	name	<input type="text"/>	sex	<input type="text"/>	Department	<input type="text"/>
phone	<input type="text"/>	From Date	<input type="text"/>		<input type="text"/>	Device	<input type="text"/>
				<input type="button" value="Query"/>	<input type="button" value="Reset"/>		

1. Developer Information

<input type="checkbox"/>	Name	Full name	address	contacts	Telephone
<input type="checkbox"/>	test_mail				

Save Return

Full name	<input type="text"/>
address	<input type="text"/>
contacts	<input type="text"/>
Telephone	<input type="text"/>
Developer Information	
APPID	11ea-c80d-3ba217a1-8283-c70fd106dd98
APPKEY	<input type="text"/>
Authentication method	Not certified ▾
Status notification method	<input type="text"/>
Control message status notification address	Note: fill in the complete address without parameters, for example:http://www.xxx.com/xxx <input type="text"/>
Method of punch notification	<input type="text"/>
Notification method	Independent thread ▾
Clock in message notification address	Note: fill in the complete address without parameters, for example:http://www.xxx.com/xxx <input type="text"/>

2、Upload log

ce Delete

time	Operation type	Synchronization status
2020-06-24 17:46:31	Report	success
2020-06-24 17:39:15	Report	success
2020-06-24 17:12:28	Report	success
2020-06-24 17:06:51	Report	success
2020-06-24 17:06:15	Report	success

3、Auto mail

ce New Delete

smtphost	smtpport	sender	senderpassword	Recipientaccount
smtp.qq.com	25qq.com	net

ce Save Return

Send mail automatically

Owner	test
smtphost	<input type="text" value="smtp.qq.com"/>
smtpport	<input type="text" value="25"/>
auth	true ▾
Sender account	<input type="text" value=".....qq.com"/>
Sender password	<input type="text"/>
Recipient account	<input type="text" value=".....net"/>
Date format	<input type="text" value="2020.6.20"/>
Subject	<input type="text" value="test"/>
Email Text	<input type="text" value="Name XX Date Hour Device phtot"/>