AI Face Recognition Device

User Manual



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• In the event of any conflicts between this manual and the applicable law, the legal provisions shall prevail.

Data Security Statement

- In the process of using the product, you will collect, store and use personal data. In the process of product development, our company implements the principles of personal data protection. For example, if you use a face recognition device, the biometric data will be encrypted and stored on your device.
- As a data controller, when collecting, storing and using personal data, you must comply with applicable laws and regulations concerning the protection of personal data, including but not limited to taking protective measures on personal data. We strongly recommend that you perform reasonable rights management on the device, strengthen the physical security of device application scenarios, and conduct regular security assessments.

Safety Precautions



- Electrical safety regulations of the nation and the region must be strictly followed during installation or use.
- Do not connect multiple device with one single power adapter (Overload for adapter may lead to over-heat or fire hazard).
- The product must use the recommended wire assembly (power cord) and use it within its rated specifications.
- Shut down the power while connecting or dismounting the device. Do not operate with power on.
- Shut down the power and unplug the power cable immediately when there is smoke, odor or noise rising from the device. Then contact the dealer or service center.
- Please contact the local dealer or latest service center when IPC works abnormally. Do not attempt to disassemble or modify the device yourself. (We shall shoulder no responsibility for problems caused by unauthorized repair or maintenance).



- Please do not install the device in direct sunlight or around heat sources.
- Do not install the device in a humid, dusty or smoky place.
- Please keep the device installed in a stable place, taking care to avoid the product

falling or being hit by falling objects.

- Please install the device in a well-ventilated place.
- Do not aim the lens of the device at objects with strong light, such as the sun, incandescent lamp, etc., otherwise the lens may be damaged.
- Please use a very soft dry cloth or other alternatives to wipe the surface, do not use alkaline cleaners, and avoid scratching the device with hard objects.
- Please understand that you are responsible for properly configuring all passwords and other product-related security settings, and keeping your user name and password properly.
- Biometric products cannot be 100% suitable for any anti-counterfeiting environment. For high security level places, please use the combined authentication method.



NOTE

- After receiving the product, please open the box, take out the equipment, and count the products and accessories according to the packing list.
- If you find that the contents of the box are damaged or any accessories are missing, please contact the dealer in time.

Chapter 1 Functions and Features

1.1 Product Manual

The AI Face Recognition Device is a face recognition temperature-sensing terminal independently developed by our company. It adopts a number of high-tech, such as video codec technology, audio codec technology, embedded system technology, storage technology, network technology and intelligent technology, etc. Excellent face recognition and living body judgment function.

Moreover, the body temperature detection technology based on the AI algorithm for accurate correction can match the face and body temperature in real time, and the device will broadcast a voice prompt when the body temperature is abnormal.

After the smart device installation is complete, after access the network, you can manage the device through the smart device platform or the device web page.

In order to meet the multi-element needs of various applications, this product can be widely used in airports, exit and entry points, railway stations, government agencies, schools, scenic spots, large factories and other places that need to be identified. It can help customers to carry out efficient, safe and intelligent entrance and exit management.

1.2 Product Features

- Using IPS full-view high-definition display, the image without smear and no delay.
- Using two 2 million high-definition wide-angle wide dynamic cameras, support binocular live detection (photo and video anti-counterfeiting).
- A photosensitive sensor is used to automatically adjust the fill light intensity through white light and infrared light. Support smart fill light.
- Use Linux system, low power consumption, high stability.
- Adopt deep learning algorithm, support 30,000 face database.
- Adopt G.711u and G711a audio compression formats.
- Recognition speed <200ms, Accuracy >99.5%.
- Mask detection to determine whether the identified person is wearing a mask.
- Support staff are identified when wearing a mask.
- Temperature error range+/-0.3℃.
- Background management, abnormal records, device management, personnel management.
- Support data upload to the network, can upload the device comparison results and captured photos to the platform for real-time storage, and support to upload files after network recovery after disconnection.
- App remote management, message push.
- Face recognition distance is 1.2-2.0M, it is recommended to paste a mark on the floor mark distance.
- Temperature measurement distance: within 1.2 meters, it is recommended to paste a mark on the floor mark distance.
- Operating temperature: 10°C-50°C.

Chapter 2 Device Introduction

2.1 Device Introduction

2.1.1 Smart Face Recognition Device (Type A Without Temperature Detection)

The front panel, rear panel of Smart Face Recognition Device as shown in Figure 2-1 below.



Figure 2-1

2.1.2 Smart Face Recognition Device (Type B Forehead Temperature Detection)

The front panel, rear panel of Smart Face Recognition Device as shown in Figure 2-2 below



Figure 2-2

2.1.3 Smart Face Recognition Device (Type C Wrist Temperature Detection)

The front panel, rear panel of Smart Face Recognition Device as shown in Figure 2-3 below.



Figure 2-3

2.1.4 Smart Face Recognition Device (Type D Forehead Temperature Detection)

The front panel, rear panel of Smart Face Recognition Device as shown in Figure 2-4 below.

Front



Back



2.1.5 Smart Face Recognition Device (Type E Without Temperature Detection)

The front panel, rear panel of Smart Face Recognition Device as shown in Figure 2-5 below.

Front



Back



Figure 2-5 (2)

2.1.6 Smart Face Recognition Device (Type F Forehead Temperature Detection)

The front panel, rear panel of Smart Face Recognition Device as shown in Figure 2-1 below.



2.1.7 Smart Face Recognition Device (Type G Without Temperature Detection)

The front panel, rear panel of Smart Face Recognition Device as shown in Figure 2-1 below.



Fill Light
 10.1 Inch HD Screen
 Antenna
 Bracket and Outlet

- 2 1080P Camera
- 4 Card
- 6 Card slot (SIM card & TF card)
- 8 Speaker



• The schematic diagram of the panel does not represent the actual size and proportion of the product, please refer to the actual product for details.

2.2 Device Size

2.2.1 Smart Face Recognition Device (Type A)

The size of Smart Face Recognition Device as shown in Figure 2-8 below.



Figure 2-8

2.2.2 Smart Face Recognition Device (Type B)

The size of Smart Face Recognition Device as shown in Figure 2-9 below.



Figure 2-9

2.2.3 Smart Face Recognition Device (Type C)

The size of Smart Face Recognition Device as shown in Figure 2-10 below.



Figure 2-10

2.2.4 Smart Face Recognition Device (Type D & E)

The size of Smart Face Recognition Device as shown in Figure 2-11 below.



Figure 2-11

2.2.5 Smart Face Recognition Device (Type F)

The size of Smart Face Recognition Device as shown in Figure 2-12 below.





The size of Smart Face Recognition Device as shown in Figure 2-13 below.





2.3 Connector Introduction

2.3.1 Wire connector (Type A)

The wire connectors for Smart Face Recognition Device are shown in Figure 2-14 below.



Figure 2-14

- 1 RESET (Long press to restore factory settings.)
- 2 DC12V Power Interface
- 3 RS485
- (4) RJ45 Network Interface
- (5) 1.Alarm out-, 2.Alarm out+
- 6 1.NO, 2.COM, 3.NC
- (7) 1.GND, 2.D1, 3.D0

2.3.2 Wire connector (Type B)

The wire connectors for Smart Face Recognition Device are shown in Figure 2-15 below.



Figure 2-15

- 1 RESET (Long press to restore factory settings.)
- ② DC12V Power Interface
- ③ RS485
- ④ RJ45 Network Interface
- ⑤ 1.Alarm out-, 2.Alarm out+
- ⑥ 1.NO, 2.COM, 3.NC
- ⑦ 1.GND, 2.D1, 3.D0

2.3.3 Wire connector (Type C)

The wire connectors for Smart Face Recognition Device are shown in Figure 2-16 below.



Figure 2-16

- 1 RESET (Long press to restore factory settings.)
- ② DC12V Power Interface
- ③ RS485
- ④ RJ45 Network Interface
- 5 1.Alarm out-, 2.Alarm out+
- ⑥ 1.NO, 2.COM, 3.NC
- ⑦ 1.GND, 2.D1, 3.D0

2.3.4 Wire connector (Type D & E)

The wire connectors for Smart Face Recognition Device are shown in Figure 2-17 below.



Figure 2-17 The specific wiring ports are shown in Table 2-1:

Interface	Mark	Wiring Color
Wiegand Interface	D0	Blue
	D1	Purple
	W_GND	Gray
RS485 Interface	485A	Brown
	485B	Orange
Relay Interface	NC	Green
	СОМ	Yellow
	NO	White
	GND	Black
Power interface	DC12V	Red

Table 2-1

2.3.5 Wire connector (Type F & G)

The wire connectors for Smart Face Recognition Device are shown in Figure 2-18 below.



Figure 2-18

- 1 RESET (Long press to restore factory settings)
- (2) USB2.0 interface, connect to mouse or USB
- ③ Access control interface (1.NO, 2.NC, 3.COM)
- (4) Wiegand interface (1.D0, 2.D1, 3.GND)
- 5 1.Alarm out+, 2.Alarm out-
- 6 RJ45 network port, access to Ethernet
- (7) 1.RS485+, 2.RS485-
- 8 DC12V Power Interface

Chapter 3 Installation

Installation Environment:

- The device should be at least 2 meters away from the light source and at least 3 meters away from the window and door to avoid direct sunlight.
- To make the device work better, avoid installing multiple devices face to face.

3.1 Installation of Type A, Type B, and Type C Equipment 3.1.1 Installed on the gate

Step 1: Open a hole with a diameter of D = 35mm on the gate, and the recommended position is 1/3 to 1/4 from the entrance end.

Step 2: Insert the equipment mounting bracket and the connecting wire into the opening of the gate. The connecting wire passes through the gasket and nut and fixes the lock nut. **Step 3:** Adjust the device to a suitable angle (angle between 5 ° -15 ° vertical).



3.1.2 Install on the desktop

Step 1: With the base of the table bracket facing up, remove the screws and the cover.



Step 2: Pass the wire of the device through the holes, spacers, and nuts of the bracket, and lock the nut to fix the device on the top of the bracket.



Step 3: Pass the wire of the device through the cover, and fix the cover on the bracket with the locking screw.



3.1.3 Install on floor pole bracket

Step 1: Remove the screw under the floor pole bracket, align the base with the bracket, and fix the base with the locking screw.



Step 2: Remove the 2 screws on the top cover of the floor pole bracket and remove the top cover.



Step 3: Pass the wire of the device through the holes, spacers, and nuts of the top cover of the bracket, and lock the nut to fix the device on the top cover of the bracket.



Step 4: Connect the wire, install the top cover of the bracket to the floor pole bracket, and fix the lock nut.



Step 5: Adjust the device to an appropriate angle (vertical 5°-15° included angle).

3.1.4 Wall mounted

Step 1: Open holes in the wall according to the installation sticker and install the rubber plug.



Step 2: Fix the wall mount bracket to the wall with screws.



..Step 3: Install the device on the wall bracket, align the screw holes on the left and right sides, and fix the lock screws.





 It is recommended that the location of the sticker is 1.4 meters, and users can adjust it according to their height.

3.2 Type D & E equipment installation

3.2.1 Install on the desktop

Step 1: Turn the camera end of the device upward and turn it to the back.

Step 2: Put the silicone ring into the screw hole position on the inside of the desktop bracket.



Step 3: Align the holes of the bracket with the holes of the device, and fasten the bracket to the body with screws.



Step 4: Connect wires. To spread the desktop stand and adjust the angle as needed.





3.2.2 Wall Mounted

Step 1: According to the installation sticker, open holes on the wall and install the rubber plug.



Step 2: Pass the network cable and 10PIN wire through the wall bracket, and arrange the wire into the wire groove, then fix the bracket to the wall with screws.



Step 3: Connect wires, install the device on the wall bracket, then align the screw holes on the left and right sides, install the nuts and lock the screws.





Chapter 4 Smart device platform

The intelligent terminal platform is a background management system used for device management, personnel management, visitor management, report management, and data center.

4.1 Platform Installation



- Before installation, please make sure that the computer is a Windows 64-bit system.
- When running the platform software with a non-computer administrator account, you must run it as an administrator.
- The device defaults to enable "DHCP" of type A, type B, type C, type D, type E..
 If the device is not connected to a DHCP server, but DHCP is set to "On", the default

values are as follows:

IP: "192.168.1.88"

Network Mask: "255.255.255.0" Port: "7080"

 Factory default IP of F & G device: "192.168.1.88" Subnet mask: "255.255.255.0" Port: "80"

4.1.1 Configure the computer

IPv4 address of the PC needs to be in the same network segment with the IP address of the IP camera for normal operation. Specific settings in window system can refer to the following methods:

Step 1: Check the IPv4 address of PC, click "Start"/ "Control Panel"/ "Network and Internet"/ "Network and Sharing Center"/ "Local Network"/ "Details". If you have an IP of 192.168.1.X, you can add the device directly on the platform. If there is no IP address on this network segment, proceed to Step 2 to increase the IP address on this network segment.

eriera	Network Connection Details:
Connection	Property Value
IPv4 Connectivity: Internet	Connection-specific DN
IPv6 Connectivity: No Internet access	Description Realtek PCIe GBE Family Controller
Madia States	Physical Address F8-BC-12-7B-77-48
Deution States Endbled	DHCP Enabled No
Duration: 4 days 06:40:57	IPv4 Address 172.18.191.124
Speed: 100.0 Mbps	IPv4 Subnet Mask 255.255.248.0
Details	IPv4 Address 172.18.195.112
Decanori	IPv4 Subnet Mask 255.255.248.0
	IPv4 Address 192.168.1.165
	IPv4 Subnet Mask 255.255.255.0
Activity	IPv4 Default Gateway 172.18.192.1
	IPv4 DNS Servers 172.18.192.1
Sent — Received	114.114.114
alt	IPv4 WINS Server
Bytes: 59,471,273 249,769,900	NetBIOS over Tcpip En Yes
	Link-local IPv6 Address fe80::2c1f:d15d:acc:4e2e%12
Disable Disable	IPv6 Default Gateway
Ulagnose Diagnose	

Step 2: Click "Close" \rightarrow "Properties", double-click "Internet Protocol Version 4 (TCP / IPv4)".

ieneral	
Connection	
IPv4 Connectivi	ty: Internet
IPv6 Connectivi	ty: No Internet access
Media State:	Enabled
Duration:	4 days 06:40:57
Speed:	100.0 Mbps
Details	
Details	cut - No Particul
Details	Sent — 🙀 — Received
Details Activity Bytes:	Sent — Received 59,471,273 249,769,900

Step 3: Click "Advanced" \rightarrow "Add"under the IP address, enter the same network segment IP as the device (such as 192.168.1.165) \rightarrow "Add" \rightarrow "OK" \rightarrow "OK", add IP and exit.

eneral		IP Settings DNS WINS	
You can get IP settings assigned	automatically if your network supports	IP addresses	
this capability. Otherwise, you n for the appropriate IP settings.	need to ask your network administrator	IP address	Subnet mask
		192.168.1.165	255.255.255.0
Obtain an IP address autor	matically	•	
Output the following IP address	55:	Ad	d Edit Remove
IP address:	172 . 18 . 195 . 112		
Subnet mask:	255 . 255 . 248 . 0	Default gateways:	
Default gateway:	172 . 18 . 192 . 1	Gateway	Metric
		172.18.192.1	Automatic
Obtain DNS server address	automatically		
Output the following DNS served as a served of the serv	er addresses:	Ad	id Edit Remove
Preferred DNS server:	172 . 18 . 192 . 1	· · · · · · · · · · · · · · · · · · ·	
Alternate DNS server:	114 . 114 . 114 . 114	Automatic metric	
		Interface metric:	
Validate settings upon exit	t Advanced		

NOTE: The IPv4 address can not be conflicted when you add in LAN.

4.1.2 Software Installation

Software installation is shown in Figure 4-1 below.

DP2000_EN_x64_V2.2.2.exe Figure 4-1

The specific steps for installing the smart terminal platform are as follows:

Step 1: Double-click the SDP2000 application shown in Figure 1-1 above, and click "Next". - - X

5 Setup - SDP2000_EN



Step 2: Select the destination location, click "Next".
Select Destination Location	1	
Where should SDP2000_EI	N be installed?	Ċ
Setup will install SI	DP2000_EN into the following f	folder.
To continue, click Next. If	you would like to select a diffe	erent folder, click Browse.
C:\SDP2000		Browse
At least 650.2 MB of free (disk space is required.	
The loade oboile the of mode		
sh		

Step 3: Wait for the installation progress to complete. Click "Finish".







- NOTE
- Currently, SDP2000_EN_x64_VX.X.X.exe software can only be installed on a computer with 64 bit Windows system.
- After the smart terminal platform is installed, a shortcut icon" "", pops up on the desktop. Double-click to run the program.
- When installing the software, the anti-virus software in the computer must be closed.

4.2 Server introduction

Right-click the " "icon in the lower right corner of the desktop, you can restart the software and switch the system language and other operations, as shown in Figure 4-2 below.



Figure 4-2

4.2.1 Restart the system software

When abnormality occurs on the smart terminal platform, such as abnormal reading or abnormal data interface request, please follow the steps below:

Step 1: Right-click the " icon in the lower right corner of the desktop.

Step 2: Check if the status of Nginx, Mysqld, and SDP2000 is" • "green (normal status), if any item displays" • "gray status, then you need to "restart" the software, so that the status of PHP, Nginx, and MariaDb becomes" • "green (Normal state), as shown in Figure 4-3 below.

	SDP2000 Server Control Panel										
	IP: 172.18.191.12 IP: 172.18.194.11										
Þ	Start All										
	Stop All										
•	Nginx	÷									
•	Mysqld	•									
•	SDP2000	•									
	Home										
-	Language	•									
0	About										
6	Quit										
	Figure 4-3										



When the status of Nginx, Mysqld and SDP2000 are all" gray, click "open all", restart all, wait for the status to change to" .

4.2.2 Language switch

The steps to switch the language of the web page and server are as follows:

Step 1: Right-click the "View" icon in the lower right corner of the desktop. **Step 2:** Click "Language", select language to switch, click "OK".

Step 3: Right-click the " icon in the lower right corner of the desktop, click "Quit".

Step 4: Double-click the desktop icon

4.3 Introduction of SDP2000 sever control panel

The interface of SDP2000 server control panel is shown in Figure 4-4 below.



Figure 4-4

The functions of SDP2000 server control panel are shown in Table 4-1 as below.

Button	NOTE
Start	Start all services
Stop	Stop all services
Close	Close the taskbar
	Enter the SDP2000 login interface



Chapter 5 Smart Device Platform Operation

7

5.1 Smart device platform login

The steps to log in to SDP2000 are as follows

Step 1: Double-click the desktop icon "

" to run the smart device platform.

"pop up SDP2000 server control panel, as

Step 2: Double-click the desktop icon " shown in Figure 5-1 below.



Figure 5-1

Step 3: In SDP2000 server control panel click "1" to enter the login interface, as shown in Figure 5-2 below.

Smart Device Platform
Account
Please enter account number
Password Please enter your password
Remember account

Figure 5-2

Enter the user name and password, the default user name is admin, the password is admin, click "Login".

NOTE

 It is recommended to set Google Chrome or Firefox as the computer's default browser.

5.2 Smart Device Platform Introduction

Enter to smart device platform control interface, it is composed of Data Center, Resource, Personnel, Visitor, Report, System and Terminal Version, as shown in Figure 5-3 below.



Figure 5-3

	Menu	Functions					
Data Center	Data Center	Used to display statistical equipment, personnel, visitors, snapshot data and trend distribution.					
Resource	Device	Used to add devices, view, configure, delete, and upgrade devices.					
Dorconnol	Department	For adding, viewing, editing, and deleting organizations.					
Personner	Personnel	Add, view, edit and delete people to an existing organization.					
Visitor	Visitor Information	Used to register, view and delete visitor records of visitor information.					
	Personnel Access	Used to view and export all normal access records, including internal personnel records and visitor records.					
Report	Abnormal Access	Used to view and export all abnormal entry and exit records, such as "not wearing a mask", "stranger", "abnormal body temperature" and other records.					
	Visitor	Used to view and export all guest records that have been visited.					

The functions of Smart device platform control interface are shown in Table 5-1 as below.

	Attendance Point	Used to set attendance locations, where you can add or delete attendance locations.
Attendence	Attendance Program	Used to set the attendance plan, here you can add or delete the attendance plan.
Attendance	Check-In Record	Used to view check-in records.
	Attendance Record	Used to view attendance records.
	Area	It can be divided into multiple areas according to the actual needs of users, where areas can be added, deleted, edited.
	User	Used to view, add, edit, delete the account of smart device platform .
System	Role	User roles with different permissions can be configured according to actual needs, and roles can be added, edited, and deleted.
	Log	Used to view and export all platform logs.
	Cloud Services	Used to activate cloud services.
	System Settings	Used to set the system language.
Terminal Version	Firmware	Used to store and delete the firmware version of the device.

Table 5-1

5.3 Data Center

The SDP2000 platform data center provides users with comprehensive data services, and displays the equipment, personnel, visitors, and snapshot data managed by the platform in the form of data charts, allowing you to quickly grasp the latest developments in equipment and personnel. At the same time, you can enter the time to view visitor trends and abnormal trends, as shown in Figure 5-4 below:



Figure 5-4

5.4 Resource

5.4.1 Device

Device management can add, delete, configure devices, and export device lists.

5.4.1.1 Add device

Add device by LAN search



- Make sure that the device to be added is on the same local area network as the computer, and it is turned on and online.
- The status of the device to be added by the platform must be "Not Added".

The specific steps are as follows:

Step1: In the smart device platform interface, click "Resource \rightarrow Device" to enter the device management interface, as shown in Figure 5-5 below.

Vevice Platform												👰 Hi,admin+
Search Menu Data Center	c	Device Name	Enter d	levice name	SN	Enter SI	IP Address	Enter	IP address			Q 5
Resource	^ "	Device MAC	Enter MJ	AC address	State	All 🗸	Version /	AII 🖂				
Device	~	🖬 Add D	iel 🤉 Search D	Device 🕹 Batch	n Upgrade Firm	nware						Export ~
Visitor	~	Devic	e Name	Device Type	SN	IP Address	Device MAC	Version	Communication Port	Area	State	Setup
Report	~					No	matching records fo	und!				
System	ž											
Terminal Version	~											
	excle Platform earch Menu earch Menu Data Center Resource Data Center Porsonnel Personnel Personnel Report System Terminal Version	sexce Platform erarch Meno Data Center Resource Porsonnel Porsonnel Porsonnel Report System Yathendance Terminal Version Y	skde Platform each Menu Data Center Resource Data Center Personnet Valtor Valto	skde Plaform esach Menu Data Center Resource Data Center Resource Add Device Name Escore Second Add Device Name Report Vathor System Terminal Version	Svide Plafform match Menu Data Conter Resource Polode Personnel Valor Valor System System Terminal Version	skde Platform exact Menu Dota Center Resource Dota Center Resource Device Name Enter MAC address State Add Device Name Device Name Device Type SN Forminal Version Terminal Version	skde Plaform math Menu Dota Center Resource Powice Name Enter device name SN Enter SI Device Name Enter device name SN Enter SI Device Name Device Type SN IP Address Networks Networks Terminal Version	Confer Device Name Enter device name SN Enter SN IP Address Doub Confer Device Mame Enter device name SN Enter SN IP Address Device Mane Enter MAC Enter MAC State All Version ////////////////////////////////////	skde Plaform each Menu Dota Center Resource Device Name Enter device nam SN Enter SN PAddress Enter All Personnd All Device Name Device Name Device Type SN PAddress Device MAC Version No matching records found! System Kerport Kerport Kerport Kerp	<pre>sckce Platform sach Monu sach M</pre>	<pre>skck PlaSkm such Menu build Contel Recource</pre>	skick Platform and Meno bola Center MAC Enter MAC address State Al File Version All All All All Device MAC Enter MAC address State All Version Communication Port Area State No matching records found! System Terminal Version

Figure 5-5

Step 2: Click "Search Device", click the " ⁵ icon of the device to be added, as shown in Figure 5-6 below.

Smart	t Device Platform											0	Hi,admin +
			SN	En	IP Addres	5 Ente	r IP address Dev	vice MAC	er MåC address				0.5
č	Data Center												
•	Resource	^	Add 🖬	⊐ Back								B	Refresh
	💉 Device			Device Name	Device Type	SN	IP Address	Device MAC	Communication Port	State	State	Setu	up
	Personnel	č	_	FRD	FK02GVH	1231545645864	172 18 195 66	72:8a:af:11:a6:fa	7080	Online	Not Added	<i>(</i>)	@
~	Report	~		110		1201010010001	1121101103100					w.	
	Gustana			FRD	FK02GYW	7101498128867	172.18.184.100	2C:6F:51:01:05:47	7080	On line	Not Added	٢	۲
E0	Attendance	~		FRD	CDVI-FTC-1000	7101724232410	172.18.184.95	00:00:1B:11:57:0B	7080	On line	Not Added	$\langle \odot \rangle$	۲
	Terminal Version	~		FRD	EN7-S02T	7101828215509	172.18.193.227	2C:6F:51:04:90:B4	7080	On line	Not Added	65	æ
				FRD	FK02GYW	7101860142543	172.18.189.118	2C:6F:51:01:8E:09	7080	On line	Not Added	٢	Ð
									Total:5 Total Page:1 Eac	h page shows	5 10 • («	< 1	2 2

Figure 5-6

Step 3: Configure device network parameters(IP Address,Network Mask,Gateway,DNS), click "Submit", as shown in Figure 5-7 below.



Device Name Device Type SN		Type SN IP Address		Device MAC	Version	Communication Port	Area	Sta
] FRD FK03AYW		7101553033514	172.18.195.251	2C:6F:51:03:DC:03	FK03AYWEN_MX806_V20.3.30.1	7080	Default area	On
					Total:1 Total Page:1 Each	page shows 10 • «	× 1 >	39

Figure 5-9

Add device manually

NOTE

- Make sure that the device to be added is on the same local area network as the computer, and it is turned on and online. The network is not connected to a DHCP server.
- The status of the device to be added by the platform must be "Not Added".
- When the device is not connected to the DHCP server, the default IP is "192.168.1.88", the password is "12345", and the port is "7080".

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Resource→Device" to enter the device management interface, as shown in Figure 5-10 below.

Smart Device Platform	S) Hi,admin+
#A Search Menu	Device Name Enter device name SN Enter SN IP Address Enter IP address	Q 3
Data Center	Device MAC Enter MAC address State All V Version All V	
Device	■ Add 🛊 Del 🔍 Search Device 🕹 Batch Upgrade Firmware	Export V
III Personnel 🗸		
🎗 Visitor 🗸	Device Name Device Type SN IP Address Device MAC Version Communication Port Area State	Setup
🛃 Report 🛛 🗸	No matching records found!	
📑 System 🗸 🗸		
🤱 Attendance 🗸		
😸 Terminal Version 🗸		

Figure 5-10

Step 2: Click "**U**, enter the network information of the device to be added(IP Address,Device Password, Port, Area), select area, click "Save", as shown in Figure 5-11 below.

	Add device	- 🛛 ×
*IP Address		
*Device Password:		
*Port:		
*Area:	Default area	~
	Reset Save	

Figure 5-11

Step 3: The device is successfully added to the device list, as shown in Figure 5-12 below.



Figure 5-12

5.4.1.2 Delete device

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Resource \rightarrow Device" to enter the device management interface, as shown in Figure 5-13 below.

Sma	art Device Platform											👰 Hladmi	n+
5	 Search Menu Data Center 		Device Na	ame Ei	nter device name	SN	Enter SN	IP Address	Enter IP address			Q 3	
	🗲 Resource	^	Device M.	AC Ent	er MAC address	State	All 🗠	Version A	1. X				
	Revice	Ň	Add	ਊ Del ⊂, Se	narch Device 🕹	. Batch Upgrade Firm	ware					Export \vee	
	N Personner	~		Device Name	Device Type	SN	IP Address	Device MAC	Version	Communication Port	Area	State	
	🖌 Report	~		FRD	S02T	1231545645864	172.18.193.208	ec:35:e7:3f:c7:8e	S02TEN_P4_V20.4.34.5	7080	Default area	On line	
	System	ž	_						Total-1 Total Par	er1 Fach name shows	10.		
	Terminal Version	~							Total Total Total Total Total	ter courpage shows			
	E Terminal Version	>											

Figure 5-13

Ste	o 2: Clic	k tl	he"Ш	to c	lelete th	e devi	ce →Co	nfirm",	as sh	own in	Figure	5-14 k	pelow.
Smart I	Device Platform												😨 Hl,admin+
			Durlan N			-		10.4.44					
¥	Data Center		Device N	anne		314		SN IF Addres	22				
	Resource		Device M	AC	Enter MAC address	State	All 🗸	Version	All				
	Cevice		🖬 Add	🗑 Del	9. Search Device	Batch Upgrade Fin	mware						Export ~
84	Personnel		_										
8	Visitor		Name D	evice Type	SN	IP Address	Device MAC	Versio	on Co	mmunication Port	Area	State	Setup
2	Report		RD	\$02T	1231545645864	172.18.193.208	ec:35:e7	System Pror	mpt ×	7080	Default area		0 8 1
8	System						0	Delete this device	information?				
*	Attendance							Confirm	Cancel	otal:1 Total Page:	Each page show	s 10 × •	· · · · ·
8	Terminal Version												



Step 3: The selected device has been deleted, as shown in Figure 5-15 below.

Smart Device Platform		👰 Hi,admin -
🕰 Search Menu	Device Name Enter device name SN Enter SN IP Address Enter IP address	Q 3
Nata Center	Device MAC Enter MAC address State All Version All V	
interest de la construcción de l	🖬 Add 😨 Del 🔍 Search Device 🔔 Batch Upgrade Firmware	Export 🗸
Personnel Vicitor V	Device Name Device Type SN IP Address Device MAC Version Communication Port A	area State Setup
Report Y	No matching records found!	
😸 System 🗸 🗸		
Attendance Y		
Es reminarversion		





ΝΟΤΕ

5.4.1.3 Configure device

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Resource \rightarrow Device" to enter the device management interface, as shown in Figure 5-16 below.

Smart Device Platform										👰 Hi,admin+
st Search Menu	D	Nevice Name	Enter device name	SN	Enter SN	IP Address	Enter ID address			0.5
🛃 Data Center					Enter bit		Litter in dudiess			
💉 Resource	^ 0	Nevice MAC	Enter MAC address	State	All 🗸	Version All				
💉 Device		🖬 Add 🖀 Del	9. Search Device	Batch Upgrade Firm	iware					Export ~
Personnel	~									
🚴 Visitor	~ ^{• Na}	ame Device Type	SN	IP Address	Device MAC	Version	Communication Port	Area	State	Setup
👷 Report	× RD	\$02T	1231545645864	172.18.193.208	ec:35:e7:3f:c7:8e	S02TEN_P4_V20.4.34.5	7080	Default area	On line	0 8 1
B System	~									
1 Attendance	~						Total:1 Total Page:1	Each page show	5 10 .	a 3 3 5 5
Terminal Version	~									

Figure 5-16

Step 2: Click the device to be configured" to enter the configuration interface, it is composed of Basic Parameters, Network Config, Remote Config, Version Info and Function Parameters, as shown in Figure 5-17 below.

		Conf.		- 8
Basic Parameters	Network Config	Remote Config	Version Info	Function Parameters
Device Name				FRD
Device Password				•••••
Area				Default area 🛛 🛩
	Cancel	Reset	Set	

Figure 5-17

Step 3: Configure the device according to actual needs.

✓ Basic Parameters Configuration:

1.In the Conf.interface, click "Basic Parameters".

2. Input Device Name, Device Password, Area, click "Set".

[Device Name] The default is the device serial number, which can be modified as needed. [Device Password] The default is 12345, which can be modified as needed.

[Area] Select the area where the device is located according to the actual situation.

✓ Network Configuration:

1.In the Conf. interface, click "Network Config".

2.Modify the IP Address, Network Mask, Gateway, DNS1&DNS2 of the device according to actual needs, click "Set", as shown in Figure 5-18 below.



Figure 5-18

[IP Address] The default is 192.168.1.88, which can be modified as needed. [Network Mask] The default is 255.255.255.0, which can be modified as needed. [Gateway] The default is 192.168.1.1, which can be modified as needed. [DNS1] The preferred DNS server. [DNS2] Alternative DNS server.

[DNS2] Alternative DNS server.

The above is the default network parameters when the device is not connected to the DHCP server

✓ Remote Configuration:

Remote configuration is used to restart the device, set the device volume, screen brightness and other related parameters.

1.In the Conf. interface, click "Remote Config".

2.Restart, upgrade, switch languages and restore the factory smart device according to actual needs, set the volume, screen brightness and supplementary lighting, as shown in Figure 5-19 below.

Conf.

Basic Parameters	Network Config	Remote Config	Version Info	Function Parameters
Restart terminal	device			Restart
Upgrade firmwa	re			Please select 👻
Language switch	i			English 🗸
Volume setting(0-24)			15
Screen brightnes	ss setting(45-100)			60
Supplementary I	ighting setting			Yes
Relay opening a	nd closing control			200ms 🗸
Restore factory s	setting			Reset

Figure 5-19

✓ Version Info:

1.In the Conf.interface, click "Version Info".

2.Here you can view the device model, firmware version and serial number and other information, as shown in Figure 5-20 below.

		Conf.		- 6
Basic Parameters	Network Config	Remote Config	Version Info	Function Parameters
Device Type				FK03AYW
Firmware			FK03AYWEN	1_MX806_V20.3.30.1
Serial number				7101553033514

Figure 5-20

✓ Function Parameters Configuration:

1.In the Conf.interface, click "Function Parameters".

- 🛛 🗙

2.Here you can set Temperature Check, Alarm Temperature, Stranger Access and Mask Detection.

3.click "Set" to complete function parameter configuration, as shown in Figure 5-21 below.





[Temperature Check] The default is off. After the device is turned on, the device starts to measure the temperature of passers-by, and the measured temperature is displayed on the device screen.

[Alarm Temperature] The default is 37.3 $^{\circ}$ C. After enable Temperature Check, when the device detects that the passing person exceeds the alarm temperature, the device will broadcast "Abnormal Temperature" and prohibit the person from passing.

[Stranger Access] The default is off. After enable Stranger Access, when the device detects a stranger, the person is allowed to pass through.

[Check Mask] The default is off. After enable Mask Detection, when the device detects that the passing person is not wearing a mask, the device will broadcast "No Mask".

[Save Photo] The default is off. At this time, all the places that capture pictures (such as personnel pass records, abnormal pass records, historical visitor records) will not capture face pictures. After it is turned on, the system will save a snapshot of the face of the passer-by.

5.4.1.4 Report Export

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Resource→Device" to enter the device management interface, as shown in Figure 5-22 below.

Smart Device Platform									👰 Hi,admin+
a Search Menu	Device Name	Enter device nam	e sn	Enter SN	IP Address	Enter IP address			Q 3
🛃 Data Center									
Resource ^	Device MAC	Enter MAC address	State	All 🗸	Version A	11. Y			
interest de la construcción de l	🖬 Add 🗑 🛙	Del 🤉 Search Device 🛃	& Batch Upgrade Firm	ware					Export \vee
🚻 Personnel 🗸 🗸									
🚴 Visitor 🛛 🗡	Dev	ice Name Device Type	214	IP Address	Device MAC	Version	Communication Port	Area	state
👷 Report 🛛 🗡		FRD S02T	1231545645864	172.18.193.208	94:bf:3d:32:f2:9d	S02TEN_P4_V20.4.34.5	7080	Default area	On line 〈
😸 System 🗸 🗡	_								_
Attendance Y						Total:1 Total Pag	ge:1 Each page shows	10 * « «	1 > 2
😸 Terminal Version 🗸									
Step 2: Click "	Expo	rt 🗸 🚬	F	igure 5- e the for	22 mat of t	he export	ed docum	ient, si	uch as
"Word", as show	vn in Fi	gure 5-23	below.						
				Exp	ort \vee				
				CSV					
				TXT					
				Word					
				Excel					

Figure 5-23

Step 3: The device list is exported in word document format, and the document content is shown in Figure 5-24 below.



Figure 5-24

5.4.1.5 Batch Upgrade Firmware

Batch Upgrade Firmware can simultaneously upgrade the firmware of one or multiple devices of the same model.

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Terminal Version \rightarrow Firmware" to enter the firmware version interface, as shown in Figure 5-25 below.

Smart	Device Platform						👰 Hiadmin+
\$ 4		D Ad	dd 🛢 Del				Export ~
¥	Data Center			Creation Time	Version Name	Description	Cotum.
*	Resource			creation nine	version rvame	Description	 secup
61	Personnel				No matching records found!		
2	Visitor						
¥	Report						
35	System						
*	Attendance						
°.	Terminal Version						
	Firmware						

Figure 5-25

Step 2: Click " Add" to enter the version records interface, as shown in Figure 5-26 below.

	Versio	n records	- 🛛 ×
Version Name	20.3.30.1		
Version description	Version maintenance		
File Upload(.img)	Select file	FK03AYWEN_MX806_V20.3.30.1.img	
	Cancel	Submit	

Figure 5-26

Step 3: Input the version name and the version description, click "Select file" to upload the firmware version to the platform

Step 4: Click "Submit".

Step 5: Click "Resource \rightarrow Device" to enter the device management interface, as shown in Figure 5-27 below.

Smart D	Device Platform										Hi,admin+
5A (
2	Data Center	Device Na	ime E	nter device name	5 5 10	Enter SI	IP Address	Enter IP address			Q 3
	Resource	Device M	AC Ent	er MAC address	State	All 🗸	Version	All 🗸			
	e Device	Add	∎ Del Q Se	sarch Device 🕹	Batch Upgrade Firm	ware					Export ~
81	Personnel										
*	Visitor		Device Name	Device Type	SN	IP Address	Device MAC	Version	Communication Port	Area	State
2	Report		FRD	FK02GYH	1231545645864	172.18.195.66	72:8a:af:11:a6:fa	FK02GYHCN_P4_V20.3.35.6	7080	Default area	On line
8	System										
*	Attendance							Total:1 Total Page:1	Each page shows 10 .	e (1 > >
8	Terminal Version										

Figure 5-27

Step 6: Select the device to upgrade, click " 🕹 Batch Upgrade Firmware ", as shown in Figure 5-28 below.

Smart Device Platfor	m										Hi,admin+
🛱 Search Menu		Device Name	B	nter device name	SN	Enter S	N IP Address	Enter IP address			Q 5
Resource	^	Device MAC	Ent	er MAC address	State	All 🗠	Version	All			
💉 Device		🖬 Add 🛢	Del 9, Sr	sarch Device	Batch Upgrade Firm	ware					Export ~
Personnel	~		wice Name	Deutre Ture	CN .	ID Address	Davies MAC	Version	Communication Port	A	Classe
🚴 Visitor	~		evice iname	Device Type	514	IP Address	Device MAC	version	Communication Port	Area	State
🛃 Report	~		FRD	FK02GYH	1231545645864	172.18.195.66	72:8a:af:11:a6:fa	FK02GYHCN_P4_V20.3.35.6	7080	Default area	On line
System	~	_									
Attendance	~							Total:1 Total Page:	1 Each page shows 10 -	α i	1 > >
🛃 Terminal Vers	sion 🗸										

Figure 5-28

Step 7: Select the upgrade firmware version on the platform, click "To upgrade", wait for the device side to upgrade, the device will automatically restart after the upgrade is completed, and the upgrade is successful after the restart, as shown in Figure 5-29 below.

Batch upgrade firmware version $- \square \times$ Number of selected devices: 1 Please select \checkmark To upgrade Batch upgrade all the equipment in the table(Don't need to check,filter by search criteria)





When the device is being upgraded, please do not power off the device or disconnect the Internet.

5.5 Personnel

5.5.1 Department

Smart device platform can add, edit and delete organization.

5.5.1.1 Add Organization

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Department" to enter the organization management interface, as shown in Figure 5-30 below.



Figure 5-30

Step 2: Click " Add", as shown in Figure 5-31 below.

	Department	- 🛛 ×
*Department Name:		
Superior Department:	Please select	~
	Cancel	
	Figure 5-31	

Step 3: Input the organization information (Department NO., Department Name, Superior Department, Remark), click "Submit" to complete the addition of the organization, as shown in Figure 5-32 below.

Department Name	Superior Department	Creation Date	Setup
No Group	All	2020-03-26 14:53:38	
Human Resources	All	2020-08-04 08:58:31	C ŵ
R & D Center	No Group	2020-08-04 08:59:33	6 1

5.5.1.2 Edit organization

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Department" to enter the organization management interface, as shown in Figure 5-33 below.

Smart Device Platform						👰 Hladmin+
🛋 Search Menu	Department Name	Creation Date				0.5
🛃 Data Center	Department warne	creation bate				u 5
Resource	✓ □ All	🖬 Add 👙 De	el			Export 🗠
Personnel	∧ 🖄 No Group	D	epartment Name	Superior Department	Creation Date	Setup
A Department	Human Resource	-	No Group	61	2020 02 26 14/52/20	
Personnel	~		No Group	2411	2020-03-20 14.55.58	
Report	× .		Human Resource	All	2020-08-24 10:34:47	C û
- Surtem	~		R & D Center	No Group	2020-08-24 10:35:25	C û
Attendance	~					
Terminal Version	~			Total:3 Total Pag	e:1 Each page shows 10 .	a () > >>
		Figur	e 5-33			
Step 2: Click	the""" of the org	ganization you	i want to	edit, as show	vn in Figure	5-34 below.
		Depa	rtment			- 🛛 ×
1	*Department Name:	Human Resou	irces			
Su	perior Department:	Please select				~
		Cancel	Sub	omit		
		Figur	e 5-34			

Step 3: Modify the organization information(Department Name, Remarks), click "Submit" to complete the modification.

5.5.1.3 Delete organization

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel \rightarrow Department" to enter the organization management interface, as shown in Figure 5-35 below.

Smart Device Platform						👰 Hi,admin -
	Denartment Name	Creation	Date			0.5
Mata Center		creation	out.			0 0
💉 Resource	🗂 All	🖬 Add	8 Del			Export ~
M Personnel	🖆 No Group		Department Name	Superior Department	Creation Date	Setup
🔒 Department	Human Resource					
2 Personnel			No Group	All	2020-03-26 14:53:38	
🤱 Visitor			Human Resource	All	2020-08-24 10:34:47	C Ó
Report						
System			R & D Center	No Group	2020-08-24 10:35:25	
1 Attendance				Total:3 Total Pag	e:1 Each page shows 10 +	x () x
😸 Terminal Version						

Figure 5-35

Step 2: Click the "10 \rightarrow Confirm" of the organization you want to delete to complete the organization deletion, as shown in Figure 5-36 below.

Department Name Superior Department	Creation Date	Setup
System Prompt ×	2020-03-26 14:53:38	
Are you sure you want to delete the depar tment information?	2020-08-24 10:34:47	C Ó
Confirm	2020-08-24 10:35:25	0



- Multiple organizations can be selected at the same time, click " ² Del " to delete multiple organizations(organizations without personnel) at the same time.
- All organizations can only be edited, not deleted.
- No Group organizations cannot be edited or deleted.

5.5.1.4 Organization search

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Department" to enter the organization management interface, as shown in Figure 5-37 below.

Smart Device Platform							👰 Hladmin+
	Department Name	Creation Da	te _				0.5
🛃 Data Center							
🚓 Resource 🛛 🗡	🖆 All	Add 1	a Del				Export V
Personnel ^	No Group		Department Name	Superior Department	Creation Date	Set	up
📇 Department	Human Resource						
2 Personnel	Purchasing Center		No Group	All	2020-03-26 14:53:38		
🤱 Visitor 🛛 🗡	Selling Center		Human Resource	All	2020-08-24 10:34:47	C	ŵ
report 🗸	Planning Center	_					
式 System 🗸 🗸	Manufacturing Center		R & D Center	No Group	2020-08-24 10:35:25	C	
1 Attendance			Purchasing Center	All	2020-08-24 13:50:54	ß	ŵ
式 Terminal Version 🗡			Collina Contas	41	2020 00 24 12-51-00	54	.0.
			seiling center	All	2020-08-24 15:51:08		
				Total:7 Total Page:	1 Each page shows 10 +	* <	2. 2
	1						

Figure 5-37

Step 2: Select all, or an organization.

Step 3: Enter a piece of information for the search organization(Such as Department No.,

Department Name or Creation Date), click " \checkmark ", search results will be displayed in the organization list, as shown in Figure 5-38 below.

Department Name	human	Creation	Date —			۵ ک
🖆 All		🖬 Add	🗑 Del			Export ~
No Group			Department Name	Superior Department	Creation Data	Satur
Human Resource			Department Name	Superior Department	Creation Date	Setup
Purchasing Center			Human Resource	All	2020-08-24 10:34:47	C û
Selling Center						
Planning Center				Total:1 Total Pag	e:1 Each page shows 10 .	« < 1 > »
Manufacturing Center						
			Figure	2 5-38		



NOTE

After searching for the organization, click "Export" to export the searched organization-related information to the document

5.5.2 Personnel

5.5.2.1 Add Personnel

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Personnel" to enter the personnel management interface, as shown in Figure 5-39 below.

Smart De	wice Platform							👰 Hi,ad	imin +
an. Se ⊠ D	arch Menu Data Center		No. Search numbe	Name Search r	Mobile Phone No.	Search mobile	Certificate No. Search certifica State	All 🗸 Q D	
- 	tesource	~	Creation Date	-					
NN P	ersonnel	~	r1 All		D Add 1 Authorize/	Reissue 🖪 Ion	it personnel images in batches	n in bulk 🛢 Del Evnert 🗸	
A	Department		No Group				-		
*	Personnel		📋 Human Resourc	e	Image No. Na	ame Gender	Mobile Phone No. Department Certificate Type Ce	rtificate No. State Creation	r
& V	/isitor	~	Purchasing Cent	er			No matching records found!		
R R	leport	~	Selling Center						
ea s	iystem	~	Planning Center						
x /	Attendance	~	Manufacturing 0	Center					
E8 T	erminal Version	~							
Step	2 : Cho	ose a	n organiza	tion, clic	Figure 5 k " P Add'	-39 ', as sh	own in Figure 5-40 be	low.	
					Person	nel		- 81	×
				Per	sonnel No.:				
		C	$\overline{}$		*Name:				
		L	\underline{O}_{+}		Gender:	Plea	ase select	~	
				C	epartment:	Plea	ase select	~	
		aca Lib	wany Unload		Certificate Type:	Plea	ise select	~	
		ace Lib		Cer	tificate No.:				
				Ν	Nobile Phone No.:				
	Access	author	ization						
	Authorithe	orize	👕 Deauthoriz	te					
		Author	ized area	Authoriz	ed equipment	The	device has been delivered	Setup	
				N	o matching reco	rds foun	d!		

Figure 5-40

Step 3: Upload personnel pictures locally, enter personnel information(Personnel NO., Name, Gender, Department, Certificate Type, Certificate NO., Mobile Phone NO.).

Step 4: Click " Authorize" to set the authorization area, and click "Submit", all devices in this area are authorized to this person, as shown in Figure 5-41 below.

Authorized person	GU		
Authorized area:	Default area	•	

Figure 5-41

Step 5: Click "Submit" to complete the addition of personnel, as shown in Figure 5-42 below.

Image	No.	Name	Gender	Mobile Phone No.	Department	Certificate Type	Certificate No.
T	300284	GU	Male		R & D Center	Other	

5.5.2.2 Add personnel in batches

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel \rightarrow Personnel" to enter the personnel management interface, as shown in Figure 5-43 below.

nart Davisa Blatform				A
a Search Menu	No. Search numbe Name Search name	Mobile Phone No. Search mobile	Certificate No. Search certific	State Ali く C う
Resource V	Creation Date	■ Add 1 Authorize/Reissue ■ Inp	ut personnel images in batches 🛛 🛚 Import pers	onnel information in bulk 🛛 🕯 Del Export 🗸
🚔 Department	No Group Human Resource	Image No. Name Gender	Mobile Phone No. Department Certifi	cate Type Certificate No. State Creatior
& Visitor ∽	Purchasing Center		No matching records fou	ndl
😸 System 🗸 🗸	Planning Center			
🗼 Attendance 🛛 👻	Manufacturing Center			
≥p 2: Choose ≥p 3: Accore	e an organization, click ' ding to the actual situ	Figure 5-43	rsonnel images in ne folder or com	batches". pressed package
ore the perso	onnel pictures, click "Co Stat	nfirm", as show f photo impo	n in Figure 5-44 k rt	oelow. — ⊡ ×
	Picture naming format 1、Name.jpg 2、Name_Department 3、Name_Department (tip:Department name personnel number mus	s can be divided i Name.jpg Name_Personnel must exist in the st be unique)	No.jpg system, and	:
	ZIP			
	Please use zip to uplo more than 500 pictur	es.	e size cannot exce 80m	ed
	Upload Zip		Upload file	
		Numb	er of selected files	:7
	Cancel	Co	nfirm	

Figure 5-44



- The uploaded person photos can only be uploaded successfully if they are in JPG format.
- The clearer the uploaded pictures, the more accurate the device identification and the faster the speed, but the uploaded folder cannot exceed 80M, and if it is greater than 1500 pictures, please use the zip compression package to upload.
- The picture should be named as follow:
 - 1) Name.jpg
 - 2) Name_Department Name.jpg
 - 3) Name_Department Name_Personnel No..jpg

Step 4: Wait for the upload progress to be completed, the personnel picture is uploaded, as shown in Figure 5-45 below.

🖬 Add	1 Authorize/Reissue	Input pers	onnel images in batches	Input personnel in batches	🛢 Del	Export 🗸
	<u>.</u>	Noble		No Group	Other	
	A	Mary		No Group	Other	
		Jerry		No Group	Other	
		Aimmee		No Group	Other	
		Ada		No Group	Other	
	300284	GU	Male	R & D Center	Other	

Figure 5-45

Step 5: Click " Input personnel in batches \rightarrow batch add people templates", enter the information of the person corresponding to the imported picture into the template, and the corresponding number.

Step 6: Click "Import" to complete the information of the person who has imported the picture.

5.5.2.3 Edit Personnel

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Personnel" to enter the personnel management interface, as shown in Figure 5-46 below.

Smart	Device Platform															2	Hi,admin -
25		No	Courth number	Name	Search name	Mobile	Phone No	Sam	sh mobile	Certif	icate No	Sourch o	ortific St	ate All		0	5
4	Data Center		search numbe		Search hame			Seal	un moone			Search o	erunica			ų	
•	Resource	Creatio	on Date														
84	Personnel	d)	All			Add	1 Author	ize/Reissu	e 0 in	put personnel	l images in bat	ches 6	Import person	nel information in bul	e 🛊 Del	Export	
	Department	2	No Group				Image	No	Name	Gandar	Mobile Pho	na No	Department	Certificate Tune	Cartificate	No	
	2 Personnel		Human Resourc	e			image	NO.	Name	Gender	Mobile Phot	ne no.	Department	certificate Type	Certificate	NO.	
*	Visitor	C	Purchasing Cen	ter			2		Wangle				No Group	Other			una
2	Report	E	3 Selling Center						Sunny				No Group	Other			una
10	System	Ľ	Planning Center				Ab.										
*	Attendance	Ľ	Manufacturing	Center			9		Noble				No Group	Other			una
8	Terminal Version								Mary				No Group	Other			una
									Jerry				No Group	Other			una
											Total:7	Total Pag	ge:1 Each page	e shows 10 +	« < 1	-3-	*

Figure 5-46

Step 2: Choose an organization, click the " of the person to be edited, enter the relevant information of the person, click "Submit" to complete personnel editing, as shown in Figure 5-47 below.

	Person	nel	- 3
	Personnel No.:		
-	*Personnel name:	Noble	
142	Gender:	Please select	~
- Ch	Certificate Type:	Please select	~
Face Library Upload	Certificate No.:		
	Department:	No Group	~
	Mobile Phone No.:		
Access authorization			
Authorize 😭 Deauthorize			
Authorized area	Authorized equipment	The device has been delivered	Setup
Default area	1	1	View Deau
	Figure 5	-47	

5.5.2.4 Delete Personnel

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Personnel" to enter the personnel management interface, as shown in Figure 5-48 below.

Smart Device Platform	👰 Hladmin-
st Search Menu	Mobile Dhone Mo. Country and the Cartificate No. Country and the State All State
Data Center Creation Date Creation Date	name mouvernew was search noose centrate no. Search centrate and a search centrate and a search centrate and a
Personnel All	🛚 Add 💶 Authorize/Reissue 🔹 Input personnel images in batches 🔹 Import personnel information in bulk 🛊 Del Export ∨
Personnel No Group Human Resource	Image No. Name Gender Mobile Phone No. Department Certificate Type Certificate No.
👗 Visitor 🎽 🗈 Purchasing Center	Wangle No Group Other une
Report 🗹 🖂 Selling Center	Sunny No Group Other una
System V Planning Center	Noble No Group Other une
😝 Terminal Version 🗸 🗸	Mary No Group Other un
	Jerry No Group Other un
	Total7 Total Page1 Each page shows 10 + (+ + + + +

Figure 5-48

Step 2: Choose an organization, click the icon of the person to be edited " $\square \rightarrow$ Confirm" to complete personnel deletion.

5.5.2.5 Authorize / Reissue

Personnel issued refers to the distribution of personnel information to smart devices.

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Personnel" to enter the personnel management interface, as shown in Figure 5-49 below.

Smart Device Platform	2	Hi,admin -
Search Menu No. Search numbe Name Search name	Mobile Phone No. Search mobile Certificate No. Search certifica State All V Q	5
Data Center Creation Date —		
Resource	Add 1 Authorize/Reissue Input personnel images in batches Import personnel information in bulk Del Export	
Department		
Personnel 🗉 Human Resource	image No. Name Gender Mobile Phone No. Department Certificate Type Certificate No.	
Let Visitor	Wangle No Group Other	una
Report 🗠 🖂 Selling Center	Sunny No Group Other	una
😴 System 🎽 📺 Planning Center		
Attendance Y 🕐 Manufacturing Center	Noble No Group Other	una
😸 Terminal Version 🗡	Mary No Group Other	una
	Jerry No Group Other	una
	Total? Total Page:1 Each page shows 10 •	*

Figure 5-49

Step 2: Select the authorized person, click "Authorize/Reissue" of the person to be issued, select the authorized area, and click "Submit", as shown in Figure 5-50.

	Perso	nnel authorization	- 🛛 ×
	Authorized number Authorized area:	5 Default area	
	Cancel	Submit Figure 5-50	
NOTE			

• After adding people pictures in batches, send the pictures to the device according to the actual situation.

5.5.2.6 Search Personnel

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Personnel→Personnel"to enter the personnel management interface, as shown in Figure 5-51 below.

Smart Device Platform	2.	Hl,admin -
Search Menu No. Search number Name Search name	Mobile Phone No. Search mobile Certificate No. Search certific State All Y	5
Data Center		0
Resource Creation Date -		
Personnel ^ C All	Add 1 Authorize/Reissue Input personnel images in batches Import personnel information in bulk Del Export	
Pepartment 🗠 No Group		
Personnel 🛛 Human Resource	image No. Name Gender Mobile Phone No. Department Certificate Iype Certificate No.	
🚴 Visitor 🎽 🖄 Purchasing Center	Wangle No Group Other	una
Report Selling Center	Sunny No Group Other	una
System Y 🕐 Planning Center		
🗶 Attendance 🍸 🖄 Manufacturing Center	Noble No Group Other	una
Bi Terminal Version 🗡	Mary No Group Other	una
	Jerry No Group Other	una
	Total? Total Page:1 Each page shows 10 • .	•
	F F4	

5-51

Step 2: Select "All", or an organization.

Step 3: At the top of the interface, enter a piece of information (such as NO., Name,

Mobile Phone NO., Certificate NO., or state) of the search person, click " \checkmark ", search results will be displayed in the people list, as shown in Figure 5-52 below.

No. Search numbe Name Aimmee	Mobile Phone No.	Search mobile	Certificate No.	Search certifici	State	All		Q 3	5
Creation Date —									
ti All	🖬 Add 🔔 Authorize	e/Reissue 🖬 Inp	out personnel images in b	atches 🛛 Import	personnel info	rmation in bulk	c 😫 Del	Export 🗸	
No Group	Image M	No. Name	Gender Mobile Ph	one No. Depart	ment Certi	ficate Type	Certificate	No.	s
Human Resource									
Purchasing Center		Aimmee		No Gr	oup	Other		una	JU
Selling Center									
Planning Center			Total:	1 Total Page:1 Eac	h page show	/5 10 •	« < 1	> 3>	
Manufacturing Center									
_		Figure	5-52						

NOTE

• After searching for personnel, click "Export" to export the relevant information of the searched personnel to the document.

5.6 Visitor

5.6.1 Visitor Information

5.6.1.1 Visitor Registration

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Visitor \rightarrow Visitor Information" to enter the visitor information interface, as shown in Figure 5-53 below.



Figure 5-53

Step 2: Click " Visitor Registration" to enter the visitor registration interface, as shown in Figure 5-54 below.

	Visitor F	legistration	σ×
	*Visitor Name:		
_	Gender:	Please select 🗸	
$\left[\bigcirc \right]$	Certificate Type:	Please select 🗸	
	Certificate No.:		
	Visiting Unit:		
Face Library Upload	*Mobile Phone No.:		
	Personnel Visited:		
	Department Visited:		
	*Visit For:		
	*Start Time:		
	*End Time:		
	*Accessible Area:	Default area	

Figure 5-54

Step 3: Upload visitor pictures, register visitor information, click "Submit" to complete visitor registration, as shown in Figure 5-55 below.

Divisitor Registration Visitor Name Gender Mobile Phone No. Certificate Type Image Certificate No. Visiting Unit Personnel Visited Visit For Summer Female 13060915822 ID card 441099199608310071 OZ Aimee Confirm the strategic plan for the Total:1 Total Page:1 Each page shows 10 + (« 、 3 23 Figure 5-55

NOTE

 When registering visitor information, Gender, Certificate Type, Visiting Unit, Personnel Visited and Department Visited are optional items, other items with "*" are required items.

5.6.1.2 View visitor records

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Visitor \rightarrow Visitor Information" to enter the visitor information interface, as shown in Figure 5-56 below.

Smart	Device Platform												👰 Hi,admin+
BR.													
¥	Data Center		Visitor I	Name	Search	name	Gender All	~	Certificate No.	earch certificate No.			Q 3
	Resource		Mobile	Phone No.	Search mobile	phone No	State	All 🗸	Accessible Area	All 🗸	Source	All 🖂	
91	Personnel		🛚 Visit	or Registration	🗑 Del								
\$	Visitor			Image	Visitor Name	Gender	Mobile Phone No.	Certificate Type	e Certificate No.	Visiting Unit	Personnel Visited		Visit For
	🤱 Visitor Informa	tion	_										
₩	Report			2	Summer	Female	13060915822	ID card	4410991996083100	71 QZ	Aimee	Confirm the stra	stegic plan for the
9°	System		-										
*	Attendance									Total:1 Total Page:	1 Each page shows	10 • • • •	1 5 3
97	Terminal Version												

Figure 5-56

Step 2: To view all visitor information, you can turn pages by



• At the top of the interface, enter a piece of information (such as Visitor Name, Gender, Certificate NO., Mobile Phone NO., State, Accessible Area, or Source) of a

visitor information, click "Q", search results will be displayed in the visitor list.

5.7 Report

5.7.1 Personnel Access

Personnel access records are used to view and export all normal access records, including internal personnel records and visitor records.

5.7.1.1 View Personnel Access

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Report→Personnel Access" to enter the personnel access interface, as shown in Figure 5-57 below.

Smart Device Platforr	n										👰 Hi,admin+
🛃 🛛 Data Center		Personnel	No.		Name		Mobile Phone N	lo.			Q 3
Resource	~	Certificate	Туре	All 🖂	Certificate No.		Personnel T	Type: All			
Personnel	~	Departme	nt Name 🛛 🗛	· ·	Accessible Are	a: All 🗸	Time 2020	-08-24 —			
🔏 Visitor	~	Davice Na	ma								
🛃 Report	^	Device Na	me								
🤰 Personnel A	ccess										Export 🗸
🙊 Abnormal A	ccess	Picture	Personnel T	Type Personnel	No. Name Gen	der Mobile Phone No	. Card number D	Department Name	Certificate Type	Certificate No.	Visit Time
Visitor											
System	~		Internal perso	onnel	TT			No Group			2020-08-24 14:40:15
Attendance	~										
Terminal Vers	ion 🗸							Total:1 Total Pag	e:1 Each page sho	NS 10α	c 1 > >

Figure 5-57

Step 2: To view all the passerby records in the personnel access record list (displayed in

order from now to the past), you can turn the page by"

<<	c	1	3	>>	L
	1		1		Ŀ

NOTE

 At the top of the personnel access record interface, you can enter certain passerby information (such as Personnel NO., Name, Mobile phone NO., Certificate Type, Certificate NO., Personnel Type, Department Name, Accessible Area, Time, or Device Name), click ", and the search results are displayed in the personnel access list.

5.7.1.2 Export personnel access records

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Report→Personnel Access" to enter the personnel access interface.

Step 2: Click "Export", select the file format (CSV/TXT/Word/Excel) and export the personnel access records as a file.

5.7.2 Abnormal Access

Abnormal Access is used to view and export all abnormal entry and exit records, such as "No Mask", "Stranger", "Abnormal Temperature".

5.7.2.1 View Abnormal Access

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Report→Abnormal Access" to enter the abnormal access interface, as shown in Figure 5-58 below.
Smar	: Device Platform										Q	Hi,admin +
~	Data Center		Persor	nnel No.		Name		Mobile Phone	a No.		Q	5
	Resource	~	Certifi	cate Type	All	Certifi	cate No.		Personnel Type All			
81	Personnel	~	State	All	Departs	ment Name All	~ /	Accessible Area:	All 🗸			
*	Visitor	~	Time	2020-08-24	-	Device Name		Exception	Type All 🗸			
~	Report	^										
	A Personnel Access	;	So So	lve							Export	
	n Abnormal Access	E C		Image	Personnel Type	Personnel No. Nar	ne Gender Mol	bile Phone No. Card	d number Department Name	Certificate Type	Certificate No.	Vi
	n Visitor			-								
10	System	~		P	Internal personnel	<u>т</u> :	Г		No Group		2	020-0
*	Attendance	~		10 a	Internal personnel	T	Г		No Group		2	020-0
-6	Terminal Version	ř		1	Internal personnel	Т	Г		No Group		2	020-0
				A.M	Internal personnel	T	T		No Group		2	020-0

Figure 5-58

Step 2: To view all the passerby records in the abnormal access record list (displayed in

order from now to the past), you can turn the page by"

<<	c	1	>	35	
	K		1		1.1

NOTE

 At the top of the abnormal traffic record interface, you can enter the information of a certain abnormal traffic person(such as Personnel NO., Name, Mobile phone NO., Certificate Type, Certificate NO., Personnel Type, State, Department Name,

Accessible Area, Time, Device Name, or Exception), click ", and the search results are displayed in the abnormal access list.

5.7.2.2 Export Abnormal Access

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Report \rightarrow Abnormal Access" to enter the abnormal access interface.

Step 2: Click "Export", select the file format(CSV/TXT/Word/Excel), and export the abnormal access records as a file.

5.7.3 Visitor

Visitor is used to view and export all visitor records.

5.7.3.1 View Visitor

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Report→Visitor" to enter the Visitor interface, as shown in Figure 5-59 below.

Smart [Device Platform													2	Hi,admin -
			Visitor Na	me		Mobile	e Phone No			Certificate Typ		AL V			~
ž	Data Center									,,		A1		Q	0
	Resource	~	Certificate	No.		Time	2020-09-09	-	Acce	essible Area:	All				
84	Personnel	~	Source:	All											
*	Visitor	~												Euro	• •
4	Report	^												copo	
,	Personnel Access		Image	Visitor Name	Gender	Mobile Phone No.	Certificate Type	Certificate No.	Visit Fe	or Department	Visited	Personnel Visited	Visit Time	Accessible Area	Visit S
ę	Abnormal Access										No matel	hing records found			
٩	Visitor										NO INSIG	ning records round			
8	System	~													
*	Attendance	~													
19	Terminal Version	~													

Step 2: To view all the visitor records in the visitor list (displayed in order from now to the



• At the top of the visitor record interface, you can enter a certain visitor information(such as Visitor Name, Mobile Phone No., Certificate Type, Certificate

No., Time, Accessible Area, or Source), ", the search results are displayed in the visitor list.

5.7.3.2 Export Visitor

NOTE

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Report \rightarrow Visitor" to enter the Visitor interface.

Step 2: Click "Export", select the file format(CSV/TXT/Word/Excel)to export file.

5.8 System

5.8.1 Area

Area can be divided into multiple areas according to the actual needs of users, where you can add, edit, and delete areas.

5.8.1.1 Add Area

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Area" to enter the area management interface, as shown in Figure 5-60 below.

Smart Device Platform						👰 Hi,admin+
		🖬 Add 👕 Del				Export ~
🛃 Data Center		_			de la poste a	
Resource	~		Area No.	Area Name	Number Of Devices	Setup
Personnel	*		QY001	Default area	1	C
2 Visitor	~					
🛫 Report	~				Total:1 Total Page:1 Each page shows 10 *	
System	^					
👷 Area						
🧕 User						
🤰 Role						
📋 Log						
Cloud Services						
System Settings						
Terminal Version	~					

Figure 5-60

Step 2: Click " Add", enter the newly added area information(Area No., Area Name), as shown in Figure 5-61 below.

	Area	— 🛛 ×
Area No.:		
Area Name:		
	Cancel Submit	
	Figure 5-61	

Export \vee

Step 3: Click "Submit" to complete adding area, as shown in Figure 5-62 below.

Add	Dei		
	Area No.	Area Name	

Area No.	Area Name	Number Of Devices	Setup
QY001	Default area	1	C
QY002	Gate 1	0	C ŵ
		Total:2 Total Page:1 Each	page shows 10 •
		Figure 5-62	



5.8.1.2 Edit Area

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System→Area" to enter the area management interface, as shown in Figure 5-63 below.

Smart Devce Platform								
2 4 . 9			🖬 Add 🛯	E Del			Export ~	
2	Data Center							
*	Resource			Area No.	Area Name	Number Of Devices	Setup	
61	Personnel			QY001	Default area	3	C.	
*	Visitor							
7	Report			QY002	Gate 1	0	C û	
B	System					Total:2 Total Page:1 Each p	age shows 10	
4	🧟 Area							
	User							
2	Role							
	Log							
=	Cloud Services							
8	8 System Settings							
*	Attendance							
=6	Terminal Version							

Figure 5-63

Step 2: Click " C of the area you want to edit, enter information about the area, click "Submit" to complete area editing, as shown in Figure 5-64 below.

	Area	— B
Area No.:	QY002	
Area Name:	Gate 1	
	Cancel Submit	
	Figure 5-64	

5.8.1.3 Delete Area

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Area" to enter the area management interface, as shown in Figure 5-65 below.

Smart Devce Platform								
2 4 . 9			🖬 Add 🛯	E Del			Export ~	
2	Data Center							
*	Resource			Area No.	Area Name	Number Of Devices	Setup	
61	Personnel			QY001	Default area	3	C.	
*	Visitor							
7	Report			QY002	Gate 1	0	C û	
B	System					Total:2 Total Page:1 Each p	age shows 10	
4	🧟 Area							
	User							
2	, Role							
	Log							
=	Cloud Services							
8	8 System Settings							
*	Attendance							
=6	Terminal Version							

Step 2: Click the area you want to delete " $\square \rightarrow$ Confirm" to complete the area deletion.



• The default area can only be edited and cannot be deleted.

5.8.2 User

User management is used to view, add, edit, and delete smart device platform accounts.

5.8.2.1 Add users

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow User" to enter the user management interface, as shown in Figure 5-66 below.

Smart Device Platform						👰 Hi,admin +
		🖬 Add	≇ Del			Export ~
🔁 🛛 Data Center						
Resource			Account	Role	Creation Time	Setup
Personnel			admin	Administrator	2020-03-18 11:33:22	۵
🚴 Visitor		-				
🛃 Report			user	Default üser	2020-03-18 11:35:22	
System					Total:2 Total Page	Each page shows 10 • • • • • • • • • • • • • • • • • •
🧟 Area						
👤 User						
2 Role						
📋 Log						
Cloud Service						
😸 System Settin	gs					
1 Attendance						
😸 Terminal Versio	on 🗸					
				Figure !	5-66	

Step 2: Click " Add", enter account, password, confirm password, select authority authorization, as shown in Figure 5-67 below.

	User	- 🛙 ×
Login account:		
Login password:		
Confirm:		
Authorization of permission:	 Administrator Default user 	
	Cancel Submit	
	Figure 5-67	

Step 3: Click "Submit" to complete user addition, as shown in Figure 5-68 below.

🖬 Add	₿ Del			Export 🗸
	Account	Role	Creation Time	Setup
	admin	Administrator	2020-03-18 11:33:22	<u>a</u>
	user	Default user	2020-03-18 11:33:22	C ú A
	Amily	Default user	2020-09-09 16:21:49	6 1 6
			Total:3 Total Page:1 Ea	ach page shows 10



Figure 5-68

 The default permissions of the system are only for the administrator and the default user. If you need to modify it, you need to go to the role management interface to add roles as needed.

5.8.2.2 Edit User

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow User" to enter the user management interface, as shown in Figure 5-69 below.

Smart Device Platform	1					D HLadmir
		🖬 Add	발 Del			Export ~
🛃 🛛 Data Center						
Resource	~		Account	Role	Creation Time	Setup
Personnel	~		admin	Administrator	2020-03-18 11:33:22	ê
🙎 Visitor	č		user	Default user	2020-03-18 11:33:22	6 8
📑 System	^		Amily	Default user	2020-09-09 16:21:49	6 6
Area					Total:3 Total Page:	1 Each page shows 10
2 Role						
🗎 Log						
Cloud Service	is –					
😸 System Settin	igs					
1 Attendance	~					
📑 Terminal Versio	on 🗸					

Figure 5-69

Step 2: Click " I of the user you want to edit, enter account and permissions, click "Submit" to complete the user editing, as shown in Figure 5-70 below.

	User	- 8 ×
Account:	Amily	
Authorization of permission:	 Administrator Default user 	
	Cancel Submit	
	Figure 5-70	

5.8.2.3 Delete User

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow User" to enter the user management interface, as shown in Figure 5-71 below.

Smart D	Device Platform					👰 Hladmin -
sek S		Add 1	🗑 Del			Export ~
¥	Data Center					
	Resource		Account	Role	Creation Time	Setup
84	Personnel		admin	Administrator	2020-03-18 11:33:22	â
* ₽	Visitor Report		user	Default user	2020-03-18 11:33:22	6 6
	System		Amily	Default user	2020-09-09 16:21:49	6 8 8
کم ۹	Area				Total:3 Total Page:1	Each page shows 10
2	Role					
	Log					
R	Cloud Services					
	System Settings					
*	Attendance					
	Terminal Version					

Step 2: Click the account you want to delete "1 \rightarrow Confirm" to complete the account deleting.

NOTE

The administrator account can only be edited and cannot be deleted.

5.8.3 Role

Role management configures user roles with different permissions according to actual needs, you can add, edit, and delete roles.

5.8.3.1 Add Role

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Role" to enter the role management interface, as shown in Figure 5-72 below.

Smart Device Platform			🟆 Hi,admin
🚓 Search Menu	🖬 Add	🗑 Del	Export ~
🛃 Data Center			
🗶 Resource 🚿	, 🗌	Role Name	Setup
Personnel N		Administrator	C
🤱 Visitor 🚿	1		
🛃 Report 🚿	· ·	Default user	i di a
式 System 🗸	.		Total2 Total Page:1 Each page shows 10
<u>∎</u> Q Area			
👤 User			
🤱 Role			
🗂 Log			
Cloud Services			
B System Settings			
Attendance	·		
式 Terminal Version	/		

Figure 5-72

Step 2: Click " Add", enter role name and configure permissions, as shown in Figure 5-73 below.

	Role	- 🛛 ×
Role Name:		
Permission configuration:	– 🏶 🕑 First Page	
	🕂 🏶 🕑 Smart platform	
	+ 🌣 🕑 System settings	
	Cancel Submit	

Figure 5-73

Step 3: Click "Submit" to complete the role addition, as shown in Figure 5-74 below.

🖬 Add 🖀 Del		Export 🗸
	Role Name	Setup
	Administrator	12 C
	Default user	12 to
	Normal User	Ć ú
		Total:3 Total Page:1 Each page shows 10 +



5.8.3.2 Edit Role

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Role" to enter the user management interface, as shown in Figure 5-75 below.

Smart Device Platform				👰 Hiadmin-
		🖬 Add 🗑 Del		Export \vee
Z Data Center				
Resource			Role Name	Setup
Personnel			Administrator	ß
X Visitor Report			Default user	6 6
n System			Normal User	c ô
_Q Area				Total-3 Total Page:1 Each page shows 10 • • • •
2. Role				
📑 Log				
Cloud Service				
📑 System Settin	1 5			
Attendance				
📑 Terminal Versio	• ×			



Step 2: Click " I of the role you want to edit, modify role name and permission configuration, click "Submit" to complete the user editing, as shown in Figure 5-76 below.

	Role	- 13 X
Role Name:	Normal User	
Permission configuration:	– 🏽 🕑 First Page	
	🗕 🏶 🕑 Smart platform	
	♂ Data center	
	★	
	+ O Report	
	- 🌣 🧭 System settings	
	★	
	Consel	
	Figure 5-76	

5.8.3.3 Delete Role

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Role" to enter the user management interface, as shown in Figure 5-77 below.

Smart Device Platform				💮 Hi,admin-
🗱 Search Menu		🖬 Add 🛭 📽 Del		Export \vee
👷 🛛 Data Center		-		
Resource			Role Name	Setup
Personnel			Administrator	
🤱 Visitor			Default user	19、前
🛫 Report		1		
n System			Normal User	C m
<u>∎</u> Q Area				Total:3 Total Page:1 Each page shows 10 *
👤 User				
2. Role				
📋 Log				
E Cloud Service				
😸 System Settin	gs			
Attendance				
Terminal Versig	n 🗸			

Figure 5-77

Step 2: Click the role you want to delete " $\square \rightarrow$ Confirm" to complete role deletion.

NOTE

• The administrator role can only be edited and cannot be deleted.

5.8.4 Log

Log management is used to query and export all platform logs.

5.8.4.1 Query log

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Log" to enter the log management interface, as shown in Figure 5-78 below.

Smart Device Platform							😨 Hi,admin -
BA Search Menu		Operate User	Operation	Time —	Operate Module All		Q 3
Resource	* * *						Export >
🛒 Report	~	Operate User	SetupIP	Creation Time	Operate Module	Operate Type	Detail
B System	^	admin	172.18.194.15	2020-09-09 16:04:00	system	Login	
👷 Area		admin	172.18.194.15	2020-09-09 16:02:04	system	Login	
2. Role		admin	172.18.194.15	2020-09-09 15:29:19	system	Login	
Log		admin	172.18.194.15	2020-09-03 15:19:54	system	Login	
System Settings		admin	172.18.194.15	2020-09-03 14:09:10	system	Login	
Attendance	× ×				Total:14 Total Page:2 Each page	shows 10 . « <	2 > >

Step 2: View the logs.

Query log, at the top of the log management interface, enter a piece of information related to the query log(Such as Operate User, Operation Time, Operate Module, Operate

Type), click " " and logs that match the search criteria are displayed in the log list, as shown in Figure 5-79 below.

Export \lor

Operate User	SetupIP	Creation Time	Operate Module	Operate Type	Detail
admin	172.18.194.15	2020-09-09 16:04:00	system	Login	
admin	172.18.194.15	2020-09-09 16:02:04	system	Login	
admin	172.18.194.15	2020-09-09 15:29:19	system	Login	
admin	172.18.194.15	2020-09-03 15:19:54	system	Login	
admin	172.18.194.15	2020-09-03 14:09:10	system	Login	
			Total:14 Total Page:2 Each page	shows 10 • « «	1 2 > »



5.8.4.2 Export log

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Log" to enter the log management interface.

Step 2: click "Export", select the file format (CSV/TXT/Word/Excel), and export the searched logs in a file format.

5.8.5 Cloud Service

Cloud services are used to activate cloud services. After the cloud services of an enterprise are activated, devices can be managed remotely through the mobile terminal.

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System \rightarrow Cloud Services" to enter the cloud service interface, as shown in Figure 5-80 below.



Figure 5-80





Step 3: Click "Confirm" to activate the cloud service.



NOTE

• The enterprise code is provided by the supplier, the platform and the App use the same enterprise code, and the App can be used normally.

5.8.6 System Settings

System settings are used to set the language of the smart device platform.

The specific steps are as follows:

Step 1: In the smart device platform interface, click "System→Cloud Services" to enter the system setting interface, as shown in Figure 5-82 below.



Figure 5-82

Step 2: Click "Please select", choose a language, as shown in Figure 5-83 below.



Figure 5-83

Step 3: Click "Save" to save setting, the system will automatically switches languages.

5.9 Attendance

Attendance management manages staff attendance and queries attendance records by setting attendance points and attendance solutions.

5.9.1 Attendance Point

Attendance point means the place of attendance, such as the front desk or the office door. Here you can add, edit and delete attendance points.

5.9.1.1 Add Attendance Point

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Attendance \rightarrow Attendance Point" to enter the Attendance point interface, as shown in Figure 5-84.

Smart Device Platform						👰 Hi,admin+			
🛋 Search Menu									
🛃 Data Center		Attendance point name	Attendance point name Ar	Area Name Area Name		Q 3			
Resource	~	🖬 Add 🛛 🗑 batch deleti	on			Export 🖂			
Personnel	~	Index	Attendance point name	Area	Attendance equipment	Setup			
🚴 Visitor	~	-							
👷 Report	~	No matching records found!							
B System	~								
Attendance	^								
Attendance Point	t i								
📑 Attendance Prog	ram								
Check-In Record									
Attendance Reco	rd								
B Terminal Version	Ť								
			Fi	gure 5-84					
				0					
Sten 2. Click	<i>,</i> "	s "bh∆	s shown in Fig	ure 5-85					
	. —	- nuu u	5 5110 WH III 116	ure 5 65.					
			Atter	ndance Point		- 63 ×			
*^+++	ndance	a noint	Attendance neint n	10000					
Atte	nuance	ame:	Attendance point i	laine					
		_				_			
	*	Area:	Please select			~			
	*Atter	ndance	Plaasa salast						
	equipr	ment:	ricase select						
			e .						
			Cancel	Submit					
			Fi	gure 5-85					

Step 3: Fill in the attendance point information (attendance point name, area, attendance device), and click "Submit" to complete the attendance point addition, as shown in Figure 5-86 below.

🖬 Add	🗑 batch del	letion			Export ~
	Index	Attendance point name	Area	Attendance equipment	Setup
	1	Gate 1	Default area	View	C û
				Total:1 Total Page:1 Each page show	s 10 ▲ (< 1 > »

Figure 5-86

5.9.1.2 Edit Attendance Point

The specific steps are as follows:

Step 1: Click "Attendance Management \rightarrow Attendance Point" on the smart terminal platform interface to enter the attendance point interface, as shown in Figure 5-87.

Smart	Device Platform								👰 Hi,admin-	
±9.			Attendar	nce point name	Attendance point name	Area Name	Area Name		0.5	
~	Data Center									
*	Resource	~	Add	batch deletion					Export ~	
84	Personnel	~		Index	Attendance point name		Area	Attendance equipment	Setup	
*	Attendance	^								
	📑 Attendance Po	int		1	Gate 1		Default area	View	C Í	
13	Attendance Pre	ogram						Total:1 Total Page:1 Each page shows 10 +		
	🚰 Check-In Reco	rd								
3	🛫 Attendance Re	cord								
*	Visitor	~								
2	Report	~								
8	System	~								
8	Terminal Version	, ~								



Step 2: Click "

	Attendance Point	- 🛛 🗙
*Attendance point name:	Gate 1	
*Area:	Default area	~
*Attendance equipment:	FRD, FRD	
	Cancel Submit	
	Figure 5-88	

Step 3: Modify the attendance point information (name, area and attendance equipment), and click "Submit " to complete the modification.

5.9.1.3 Delete Attendance Point

The specific steps are as follows:

Step 1: Click "Attendance Management \rightarrow Attendance Point" on the smart terminal platform interface to enter the attendance point interface, as shown in Figure 5-89.

Smart	Device Platform								👰 Hi,admin -
±9.									
~	Data Center	Data Center		nce point name	Attendance point name	Area Name	Area Name		Q S
	Resource		🖬 Add	batch deletion					Export ~
H	Personnel			Index	Attendance point name		Area	Attendance equipment	Setup
*	Attendance								
	🛃 Attendance Poi			1	Gate 1		Default area	View	6 1
	式 Attendance Pro	gram						Totald Total Daniel Fach name should be	
3	🛒 Check-In Recon	i						Total: I Total Page.1 Each page shows 10.	æ <u>(</u> <u>1</u> <u>3</u> <u>3</u>
	🛒 Attendance Rec	ord							
*	Visitor								
~	Report								
8	System								
	Terminal Version								

Step 2: Click " $\widehat{1}$ \rightarrow OK" to complete the attendance point to be deleted, as shown in Figure 5-90.

Smart Device Platform					👰 Hl,admin+
🛤 Search Menu	Attendance point name	Attendance point name Area Name	Area Name		Q 3
Mata Center					
💉 Resource 🗸 🖌	Add batch deletion				Export 😒
Personnel 🗡	Index	Attendance point name	Area	Attendance equipment	Setup
Attendance ^					
Attendance Point	1	Gate 1	Default area	View	C Ó
Attendance Program			System Prompt ×	_	
Check-In Record			ConfirmDel?	Total:1 Total Page:1 Each page shows 10 .	<u>e</u> (<mark>1</mark>) »
Attendance Record			Confirm		
瀺 Visitor 🗸 🗸				100 C	
🛃 Report 🛛 🗡					
🛃 System 🗸 🗸					
🛃 Terminal Version 🗡					
		Figur	e 5-90		
		0.			

NOTE

You can select multiple attendance points to be deleted, and click " * batch deletion " to delete multiple attendance points at the same time.

5.9.2 Attendance Program

Set the attendance solution according to the actual needs of each department, such as working hours of the business department and the R&D department.

5.9.2.1 New Attendance Program

The specific steps are as follows:

Step 1: Click "Attendance Management \rightarrow Attendance Program" on the smart terminal platform interface to enter the attendance program setting interface, as shown in Figure 5-91.

Smart Device Platform					👰 Hladmin+		
🛤 Search Menu							
👷 Data Center	Project name Project name				Q 3		
💉 Resource 🗸 🗸	Add Batch deletion				Export ~		
Personnel Y	Index Project name	Applicable department	Attendance time	Working day	Setup		
Attendance ^							
Attendance Point	No matching records found!						
Attendance Program							
🔁 Check-In Record							
Attendance Record							
🚴 Visitor 🗸 🖌							
🛒 Report 🛛 🗸							
n System 🗸 🗸							
式 Terminal Version 💙							

Figure 5-91

Step 2: Click " Add" to set the attendance solution (set solution name, select applicable department, set attendance time, working day and overtime status), as shown in Figure 5-92 below.

	Attendance Program	- 🛛 ×
*Project name:	Please enter the project name	
*Applicable department:	Please select 👻	
	Selected department:	
*Attendance time:	hh:mm ~ hh:mm	
*Working day:	Please select a working day	
Allow overtime:	No	
	Cancel Submit	
	Figure 5-92	

Step 3: Click "Confirm" to complete the new attendance solution, as shown in Figure 5-93 below.

Add	Batch deletion										
	Index	Project name	Applicable department	Attendance time	Working day	Set	up				
	1	Weekend	Production Dep	08:00~17:00	Mon.,Tue.,Wed.,Thu.,Fri.	C	Û				
	2	Single break	R & D Center	08:30~18:00	Mon., Tue., Wed., Thu., Fri., Sat.	Ľ	Û				
					Total:2 Total Page:1 Each page shows 10 -	αζ	1 x x				





NOTE

- Support to set the attendance of multiple departments at the same time when set the attendance program.
- Each department can set up an attendance program.

5.9.2.2 Edit Attendance Program

The specific steps are as follows:

Step 1: Click "Attendance Management \rightarrow Attendance Program" on the smart terminal platform interface to enter the attendance program setting interface, as shown in Figure 5-94.

Smart	Device Platform									👰 Hi,admin -
aA.			Project na	ame	Project name					Q 3
2	Data Center									
*	Resource	~	🖬 Add	batch	deletion					Export \lor
84	Personnel	~		Index	Project name	Applicable department	Attendance time	Working day	Set	up
*	Attendance	^								
	Attendance Poin	t		1	Weekend	Production Dep	08:00~17:00	Mon., Tue., Wed., Thu., Fri.	Ľ	Û
	Attendance Prog	Iram		2	Single break	R & D Center	08:30~18:00	Mon,,Tue,,Wed,,Thu,,Fri,,Sat.	C	Û
	Attendance Reco	ord						Total:2 Total Page:1 Each page shows 10 •	* *	3
*	Visitor	~								
ž	Report	~								
5	System	~								
5	Terminal Version	~								

Figure 5-94

Step 2: Click "

	Attendance Program	- 🛛 X
*Project name:	Single break	
*Applicable department:	R & D Center 👻	
	Selected department: Production Dep,R & D Center	
*Attendance time:	08:30 ~ 18:00	
*Working day:	Mon., Tue., Wed., Thu., Fri., Sat. 👻	
Allow overtime:	Yes	
Overtime hours on weekdays:	18:00 ~ 22:00	
Overtime hours on rest days:	08:00 ~ 22:00	
	Cancel Submit	
	Figure 5-95	

Step 3: Modify the attendance solution according to actual needs and click "Confirm".

5.9.2.3 Delete Attendance Program

The specific steps are as follows:

Step 1: Click "Attendance Management \rightarrow Attendance Program" on the smart terminal platform interface to enter the attendance program setting interface, as shown in Figure 5-96.

Smart	t Device Platform								ļ	🖗 Hi,admin+
iA.			Project na	ime	Project name					a 5
÷	Data Center									
	Resource	~	Add 🖬	batch	deletion					Export ~
84	Personnel	~		Index	Project name	Applicable department	Attendance time	Working day	Set	up
*	Attendance	^								
	Attendance Poin	ıt		1	Weekend	Production Dep	08:00~17:00	Mon., Tue., Wed., Thu., Fri.	Ľ	Û
	🛃 Attendance Proç	jram		2	Single break	R & D Center	08:30~18:00	Mon,,Tue,,Wed,,Thu,,Fri,,Sat.	ß	Û
	Check-In Record							Total/3 Total Bases1 Each page shows		
	Attendance Rect	яа						Total 2 Total Page 1 Each page shows		
*	Visitor	~								
~	Report	~								
5	System	~								
10	Terminal Version	~								

Figure 5-96

Step 2: Click "10 \rightarrow Confirm" to complete the solution to be deleted, as shown in Figure 5-97 below.

Smart Device Platform						👰 Hi,admin+
🗱 Search Menu	Project name					0.5
🔀 Data Center	Project name	Project name				Q 3
💉 Resource 🛛 🗸	🖬 Add 🛭 🗑 ba	atch deletion				Export ~
Personnel 🗡	🗌 Index	x Project name	Applicable department	Attendance time	Working day	Setup
Attendance ^						
Attendance Point	1	Weekend	Production Dep	08:00-17:00 System Prompt X	Mon, Tue, Wed, Thu, Fri.	C
😸 Attendance Program	2	Single break	R & D Center	System rompt	Mon.,Tue.,Wed.,Thu.,Fri.,Sat.	C Ó
👷 Check-In Record			C	?) ConfirmDel?		
Attendance Record				Confirm Cancel	Total:2 Total Page:1 Each page shows 10 .	a () > >
🙏 Visitor 🗸						
🥰 Report 🗸						
🗟 System 🗡						
Terminal Version V						
			Figure S	5-97		



• You can select multiple attendance solutions, then click " a batch deletion " to delete multiple attendance solutions at the same time.

5.9.3 Check-In Record

The clock-in/out record is used to view and export the records of personnel in various departments, including time, place and times of clock-in/out.

5.9.3.1 View Clock-in Record

The specific steps are as follows:

Step 1: Click "Attendance Management \rightarrow Check-In Record" on the smart terminal platform interface to enter the attendance check-in/out record setting interface, as shown in Figure 5-98.

Smart Device Platform									👰 Hi,admin
		Personnel No.		Personnel No. Per	sonnel name	Personnel name	Department Name	Department Name	Q 3
🛒 Data Center		Check-in area	All	Punch card equ	ipment Runch	Check	r-in time	2020-09-10	
Resource			All		Funct			2020-03-10	
Personnel									Export V
Attendance									
📑 Attendance Po	aint	Pers	on picture	Personnel No.	Person Name	Department Name	Check-in time	Check-in area	Punch card equipment
📑 Attendance Pr	ogram					No matching records four	ndl		
Check-In Reco									
🛒 Attendance Re	cord								
🔒 Visitor									
🛃 Report									
n System									
😸 Terminal Versio									



e

35

past), and you can turn the page through "

NOTE

You can fill the clock-in/out information (such as personnel number, name, department name, clock-in/out area, clock-in/out device, clock-in/out time) in the

 \checkmark ", then the search result will be clock-in/out record interface, and click " displayed in the list.

5.9.3.2 Export Clock-in/out Record

The specific steps are as follows:

Step 1: Click "Attendance Management→Check-In Record" on the smart terminal platform interface to enter the attendance check-in/out record setting interface. Step 2: Click "Export", then select the file format (CSVTXT/Word/Excel) to export the file.

5.9.4 Attendance Record

Attendance record is used to view and export the attendance status of personnel in various departments, such as normal, absent, leave early, and overtime.

5.9.4.1 View Attendance Record

The specific steps are as follows:

Step 1: Click "Attendance Management→ Attendance Record" on the smart terminal platform interface to enter the attendance record interface, as shown in Figure 5-99.

Smart Da	uice Platform									6
Sindit DC	ACC T BUOTT									🐰 Hl,admin -
M D	ata Center		Personnel No.:	Person	nel No. Name:	Name	Attendance status:	All		u 5
💉 R	esource		Overtime status:	All 👻	Attendance date	2020-09-09				
M P	ersonnel									
1 A	ttendance		🗂 All							Export 🗸
B.	Attendance Poin	t	🖄 No Group	8		Perron nicture Perronn	al No. Person Name	Department Name	Attendance date	Attendance period Attend
1 0	Attendance Prog	Iram	Production	n Dep	_					
R.	Check-In Record									No matching reco
R .	Attendance Reco				-					
2. V	isitor									
R R	eport									
B Sj	ystem									
ES TO	erminal Version									



past), and you can turn the page through "



NOTE

 You can fill the attendance information (such as personnel number, name, department name, clock-in/out area, clock-in/out device, clock-in/out time) in the

attendance record interface, and click " \bigvee ", then the search result will be displayed in the list.

5.9.4.2 Export Attendance Record

The specific steps are as follows:

Step 1: Click "Attendance Management \rightarrow Attendance Record" on the smart terminal platform interface to enter the attendance record interface.

Step 2: Click "Export", and select the file format (CSV/TXT/Word/Excel) to export the file.

5.10 Terminal version

5.10.1 Firmware

The firmware version is used for storage, delete the firmware version.

5.10.1.1 Storage firmware

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Terminal Version \rightarrow Firmware" to enter the firmware version interface, as shown in Figure 5-100 below.

Sm	art Device Platfo	m							👰 Hi,admin+
2			Add	🗑 Del					Export >
	🖞 🛛 Data Center		_		Creation Time	Varian Name		Description	Cature
	Resource				creation time	version wante		Description	setup
	Personnel					No matching records found!	!		
	Visitor								
	Report								
1	System								
1	8 Terminal Ve	rsion ^							
	😸 Firmware								

Figure 5-100

Step 2: Click " Add", enter the version name and version description, click "Select File" to select the firmware files, as shown in Figure 5-101 below.

	Version records	- 8
Version Name		
Version description		
File Upload(.img)	Select file	
	Cancel Submit	

Figure 5-101

Step 3: Click "Submit", the firmware was successfully uploaded to the platform, as shown in Figure 5-102 below.

🖬 Add 🗑 D	tel			Export 🗸
	Creation Time	Version Name	Description	Setup
	2020-08-04 08:50:32	20.3.30.1	Version maintenance	C ô
			Total:1 Total Page:1 Each page shows	10 • (1 > 2



5.10.1.2 Delete firmware

The specific steps are as follows:

Step 1: In the smart device platform interface, click "Terminal Version \rightarrow Firmware" to enter the firmware version interface, as shown in Figure 5-103 below.

Smart	Device Platform					👰 Hi,admin-
		🖬 Add	¥ Del			Export 🖂
~	Data Center	_				
*	Resource		Creation Time	Version Name	Description	Setup
84	Personnel		2020-08-04 08:50:32	20.3.30.1	Version maintenance	C û
*	Visitor					
~	Report				Total:1 Total Page:1 Each page sho	ws 10 κ α < 1 > »
8	System					
8	Terminal Version					
	Firmware					

Step 2: Click the firmware you want to delete " \rightarrow Confirm" to complete the firmware deletion.

5.11 Platform Account

The platform account is used to modify the login password, log out of the platform and view the platform version.

5.11.1 Modify Password

The specific steps are as follows:

Step 1: In the smart device platform interface, click " \rightarrow Modify Password", as shown in Figure 5-104 below.



Figure 5-104

Step 2: Enter new password and confirm password, click "Submit" to complete the modification of login password, as shown in Figure 5-105 below.



5.11.2 Exit the platform The specific steps are as follows:

Step 1: In the smart device platform interface, click " \longrightarrow Exit", as shown in Figure 5-106 below.



Figure 5-106

Step 2: The platform exits and returns to the login interface, as shown in Figure 5-107 below.

Smart Davico Diatform
Please enter account number Password
Prease enter your password Remember account Lagin

Figure 5-107

5.11.3 View version The specific steps are as follows:



Smart	Device Platform									🖉 Hi,admin •
25.				bbA 🛙	8 Del					Export ~
4	Data Center			_						
•	Resource		_			Creation Time	Version Name		Description	Setup
694	Personnel						No matching records found	1		
2	Visitor									
4	Report									
8	System									
8	Terminal Version	^								
	Firmware									

Figure 5-108

Step 2: Check the current version of the platform is "V2.4.1", as shown in Figure 5-109 below.

Hi,admin+
Modify Password
🍹 Exit
III V2.4.1
Figure 5-109

Chapter 6 WEB Operation

NOTE

- Different types of devices have different interface displays. The following pictures are for reference only. Please refer to the actual ones.
- The device supports accessing and managing devices on the PC through the Web.
- The WEB page provides application modules such as real-time preview, playback, configuration, and logout.
- The device supports a variety of browser monitoring, such as IE browser, 360 browser, Firefox browser (52 or less version), Google Chrome (Chrome 45 or less version).
- Users can access the device's WEB control interface through multiple PCs at the same time.

6.1 Internet connection

Before using the browser to log in to the web interface, check whether the network between the PC and the device is normal.

Step 1: Confirm that the device is properly connected to the network.

Step s 2: Set the IP address, subnet mask, and gateway for the PC and NVR devices, respectively.

- ✓ If there is no routing device on the network, allocate the IP address of the same network segment: If there is a routing device on the network, you need to set the corresponding gateway and subnet mask.
- ✓ The default IP address of the NVR device is 192.168.1.88.

Step s 3: Check whether the network between the PC and the device is normal. The method is as follows: When the network between the PC and the device is normal, you can log in to the web interface of the device through the PC.

✓ On the PC, ping***.***.*** (device IP address) verifies that the network is connected and the returned TTL value is generally equal to 255.

6.2 Browser Login

To make sure device connects to Internet successfully, open Browser, input required IP address, the default setting is 192.168.1.88:7080, and enter the login interface, as below Figure 6-1.



Figure 6-1

Select the system language in the upper right corner of the interface (currently supports English, Italian, Spanish, Russian, Arabic, Polish, Japanese, French, Turkish, the default is English), enter the user name and password, the default user name is "admin", the password is "12345", click "Login"Remote login.



NOTE

 If you have modified the IP address of the device, please log in with the newly set IP address.

6.3 Picture

In the picture interface, you can view and download all the pictures captured on the device side. The Step s are as follows:

Step 1: After logging in to the web page, click "Picture" to enter the picture interface, as shown in Figure 6-2 below.

Intelligent Terminal	Picture	Configuration						🙋 Logout
Time	:≡ ⊞							Download
Start Time 2020-09-03 00:00:00	Select All +	Time 0	Temperature 0	Name 0	Serial Number	User Id ¢	Put On A Mask 0	Previews
End Time								
2020-09-03 23:59:59								
Temperature								
0.0								
Maximum Temperature								
0.0								
						Please	Enter Go K 1 / 1	I X

Figure 6-2

Step 2: Set search conditions (time, temperature).

Step 3: Click **" the searched image is displayed on the right side of the interface, as shown in Figure 6-3.**

= 囲										
🗌 Select All 🔺	Time ≎	Temperature \$	Name \$	Serial Number	User Id ¢	Put On A Mask \$	Previews			
□1	2020-09-02 09:50:35	0.00°C	Stranger Passage	7101553033514	Unknown	No	٥			
2	2020-09-02 09:50:40	0.00%	Stranger Passage	7101553033514	Unknown	No	0			

Please Enter	Go	K1/1 X

Figure 6-3

Step s 4: Select the picture, click "Download" to select the storage path, click "OK", select

the image to download to the specified folder. Click on the " Corresponding to the preview position to view the image.

Start/End Time: The time range for capturing image files.

- Query: Click "Query: Click
- Details: The image searched by clicking " is displayed in the list as detailed information.
- Big icon: The image searched by clicking "IIII" is displayed in the list as a large icon.
- Download: Select the picture, click "Download", select the storage path, click "OK", select the picture to download to the specified folder.

6.4 Configuration

6.4.1 System

6.4.1.1 System Configuration

Version Info

After logging in to the web page, click "Configuration \rightarrow System \rightarrow System configuration \rightarrow Version Info" to enter the version Information interface, as shown in Figure 6-4 below. Here you can view the basic information of the current device.

Version Info	Date	Dst	Maintain	Display Configuration
--------------	------	-----	----------	-----------------------

EB Version:	20.1.33.200812
e:	Aug 12 2020 05:25:28
irmware Version:	FK03AYWEN_MX806_V20.3.33.3
Iodel No.:	FK03AYW
Serial Number:	7101553033514

Figure 6-4

[Serial number] The serial number of the device.

[Model NO.] The model of the device.

[Firmware Version] The firmware version of the device.

[Date] The release date of the device version.

[WEB Version] The current web version.

Date

Step 1: After logging in to the web page, click "Configuration \rightarrow System \rightarrow System configuration \rightarrow Date" to enter the date setting interface, as shown in Figure 6-5 below.

Version Info	ate Ds	t	Maintain	Display Configuration
Time Zone	GMT+00:00 Dub	lin, Edinburgh,	, Lisbon, Londo	on, Monrovia, Cas 🗸
Set Date/Time Manually				
Date/Time	2020-09-03	09	✔ 32	✓ 11
Synchronize With The Com	puter 2020/9/3 09:3	2:18		
Receive Date/Time Form N	ГР			
NTP Server	time.nist.gov			~
Custom				
NTP Port	123			
NTP Interval(Min)	10			

Figure 6-5

Step 2: Choose how to set the time.

There are ways to set the time "Time Zone", "Synchronize with the computer", "Receive date/time form NTP". When you choose "Receive date/time form NTP", you need to set the NTP server, port and update time.

Step 3: Click"Save" to complete setting.

Dst

Step 1: After logging in to the web page, click "Configuration \rightarrow System \rightarrow System configuration \rightarrow Dst" to enter the daylight saving time interface, as shown in Figure 6-6 below.

Version Info	Date		Ds	t		Maintain		Displa	y Config	guratio	n :
Daylight-saving Ti	me										
Туре	W	eek	~								
Start Time	М	ar.	~	1st	~	Sun	~	03	~	03	~
End Time	N	ov.	~	1st	~	Sun	~	03	~	03	~
Offset(min)	60	0	~								

Figure 6-6

Step 2: To enable daylight saving time, select the type, set the time range, Offset. **Step 3:** Click"Save" to complete the setting.

Maintain

After logging in to the web page, click "Configuration \rightarrow System \rightarrow System configuration \rightarrow Maintain" to enter the maintain interface, as shown in Figure 6-7 below. Here you can reboot the device, restore the factory settings, and upgrade.

Version Info	Date	Dst	Maintain	Display Configuration	Snapshot		
Reboot System							
Reboot	Restore F	actory Setting					
Upgrade							
Firmware					Browse	Upgrade	
Note	The u	pgrade process will t	ake about <mark>1-10 minut</mark> e	s, please do not turn off the po	wer, The device reboo	ots automatically after upgrading.	
Manual Online Upgr	ade						
Current Version Number	FK0	AYWEN_MX806	V20.3.33.3		Online Test		
Download Progress							
Note	The u	pgrade process take	s 1-10 minutes, please	do not turn off the power, it wi	II automatically restar	rt after the upgrade is completed, please do not power off and dis	sconnect the network
Auto Online Upgrad	e						
Now The Latest Version							
Weekly 💟 W	ed 💌						

Figure 6-7

[Reboot System] Click "reboot \rightarrow confirm", the device starts to reboot.

[Restore factory setting] after the device is restored to the factory settings, all parameter settings will be automatically restored to the default parameters (please operate this function carefully).

[Upgrade] Click "Browse" on the right of the upgrade file to select the upgrade file package, and click "Upgrade" to enter the device program upgrade. Do not cut off the power of the device during the upgrade process. Wait for the upgrade progress to complete (please proceed with caution, the wrong upgrade file will cause the device system to run abnormally).

[Manual Online Upgrade]

Step 1: Click "Online Test", when there is a new version, prompt whether to download, click "OK" to automatically download the new version to the default path.

Step 2: The system prompts if you are sure to upgrade the new version, click "Upgrade". The device starts to upgrade and prompts "Do not power off during device upgrade". After the upgrade is complete, the device will reboot and use the latest version of the program.

[Auto Online Upgrade]

Check "Automatic online upgrade", a certain day of the week (this time can be set as needed), the device automatically detects whether there is a new version online, when it displays "New version detected. Is it updated", click "Upgrade". The device starts to upgrade and prompts "Do not power off during device upgrade". After the upgrade is complete, the device will reboot and use the latest version of the program.



• When choosing to upgrade the device online, make sure that the device is properly connected to the network.

Display configuration

Step 1: After logging in to the web page, click "Configuration \rightarrow System \rightarrow System configuration \rightarrow Display Configuration" to enter the display configuration interface, as shown in Figure 6-8 below.

Version Info	Date	Dst	Maintain	Display Configuration
Display Configuration	Show	v Ip Address	×	
Language	Engl	ish	~	
Device Name	FR)		
Temperature Scale	Cels	ius	~	

Step 2: Set the display parameters of the device on the local interface.Here you can set the device interface, such as Show IP address, Show serial number, Display device name, language, device name, temperature scale.Step 3: Click"Save" to complete the setting.

Snapshot

Step 1: After logging in to the web page, click "Configuration \rightarrow System \rightarrow System Configuration \rightarrow Snapshot" to enter the snapshot interface, as shown in Figure 6-9 below.

Version Info	Date	Ust	Maintain	Display Configuration	Snapshot
Record Keeping:	V				
Save Picture:					
Record Time					
Set Record Stay Time:	Not Limi	ted	~		

Figure 6-9

Step 2: Set the relevant parameters of the device to snapshot.Here you can save records, save pictures, save time.Step 3: Click"Save" to complete the setting.

6.4.1.2 Scheduled reboot

Scheduled reboot

Step 1: After logging in to the web page, click "Configuration \rightarrow System \rightarrow Scheduled Reboot \rightarrow Scheduled Reboot" to enter the scheduled reboot interface, as shown in Figure 6-10 below.

Scheduled Re	boot Star	dby Settings			
Scheduled Re	boot				
Weekly	Wed.	✓ 03	► Hour	03	Minute

Figure 6-10

Step 2: Set the time to restart the device.

Here you can set daily, weekly, monthly restart or never restart. **Step 3:** Click "Save" to complete the setting.

Standby settings

Step 1: After logging in to the web page, click "Configuration→System→Scheduled Reboot→Standby Setting" to enter the standby setting interface, as shown in Figure 6-11 below.

Scheduled Reboot	Standby Settings	
Standby		
Standby Time	10min	~



Step 2: Set the standby time.

Here you can set never, 5 minutes, 10 minutes and 30 minutes. **Step 3:** Click "Save" to complete the setting.

6.4.1.3 Security

After logging in to the web page, click "Configuration \rightarrow System \rightarrow Security" to enter the standby setting interface. Here you can add, edit, delete users, or query the current user information. When the current user is the administrator "admin", the user can create other users according to actual needs, up to 10 users can be created. As shown in Figure 6-12 below
User Management

Index	User Name	Security	Level	Modify	Del
1	admin	Weak Password	Administrator	Modify	-

Add User



Add User

Step 1: Click "Add User" to enter the "User Edit" interface, as shown in Figure 6-13 below.

lser Name	
assword	
Confirm	
evel	Operator 🗸
Ok	Cancel

Figure 6-13

Step 2: Enter user name, password and confirm password, select user level. **Step 3:** Click "Ok" to complete the user addition.



• In order to improve the security of the product's network use, please change your

user name and password regularly. It is recommended to update and maintain every 3 months. If the device is used in a high security risk environment, it is recommended to update monthly or weekly.

 It is recommended that administrators effectively manage device accounts and user permissions, delete irrelevant users and permissions, and close unnecessary network ports.

NOTE

- The user name of the device is admin, and this user name cannot be modified or deleted.
- When setting the password of the device, the password length is 8-31 characters, and must contain numbers and letters.

The password strength rules are as follows:

- If the password contains three or more character types (numbers, lowercase letters, uppercase letters, special characters), it is a strong password.

– If the password is a combination of numbers and special characters, a combination of lowercase letters and special characters, a combination of uppercase letters and special characters, and a combination of lowercase letters and uppercase letters, it is considered a medium-strength password.

- If the password is a combination of numbers and lowercase letters, the combination of numbers and uppercase letters is a weak password.

- The length of the password is 8 characters. The password contains only one type of character. The password is the same as the user name or the password is the reverse of the user name. The above types of passwords are risk passwords. It is not recommended to set this way.

To better protect your privacy and improve product security, it is recommended that you change the risk password to a high-strength password.

Edit users (new users)

Step 1: Select the user to be modified in the user management list, click "Modify" to enter the modify user interface, as shown in Figure 6-14 below.

Modify user	
User name Modify password New password	Cendy
Confirm	
Ok	Cancel
	Figure C 14

Figure 6-14

Step 2: Tick "Modify Password", enter the old password, new password and confirm password;

Step 3: Click "Ok" to complete the user editing.

• The password setting rules are the same as those when adding users.

Delete User

Step 1: Select the user to be deleted in the user management list and click "Del"; Step 2: Click "Ok" to delete the user.

6.4.1.4 Volume

Step 1: After logging in to the web page, click "Configuration \rightarrow System \rightarrow Volume" to enter the volume setting interface, as shown in Figure 6-15 below.





Step 2: Use the mouse to drag the progress bar to adjust the volume. **Step 3:** Click "Save" to complete the setting.

6.4.1.5 Light

Step 1: After logging in to the web page,click "Configuration \rightarrow System \rightarrow Light" to enter the light setting interface, as shown in Figure 6-16 below.

Light		
Screen Brightness Setting(45-100)		60
Turn on the fill light		
Fi	gure 6-16	

Step 2: Use the mouse to drag the progress bar to adjust the screen brightness, turn on the fill light.

Step 3: Click "Save" to complete the setting.

6.4.1.6 Wiegand

Step 1: After logging in to the web page,click "Configuration \rightarrow System \rightarrow Wiegand" to enter the Wiegand setting interface, as shown in Figure 6-17 below.

Wiegand

Direction	Input	~

Figure 6-17

Step 2: Set Wiegand direction in the drop-down box.

When the Wiegand interface (D0, D1, GND) of the device is connected to a third-party verification device (such as a card reader) that supports Wiegand protocol, select "Input".

Step 3: Click "Save" to complete the setting.

6.4.2 Local network

6.4.2.1 Basic configuration

TCP/IP

The network interface is used to modify the network parameters of the device.

The specific steps are as follows:

Step 1: After logging in to the web page, click "Configuration \rightarrow Network \rightarrow Basic Setup \rightarrow TCP/IP" to enter the TCP/IP interface, as shown in Figure 6-18 below.

TCP/IP

172.18.195.251
255.255.248.0
172.18.192.1
2C:6F:51:03:DC:03
172.18.192.1
8.8.8.8

Figure 6-18

Step 2: Modify network parameters (enable dhcp, IP address, Network mask, Gateway, Device mac, Primary dns, and Secondary dns).

Step 3: Click "Save" to complete the setting.

6.4.2.2 Advanced configuration

MQTT Configuration

MQTT(Message Queuing Telemetry Transport) protocol, that is, message queue telemetry transport protocol.

The specific steps are as follows:

Step 1: After logging in to the web page, click "Configuration \rightarrow Network \rightarrow Advance Setup \rightarrow MQTT Configuration" to enter the MQTT protocol configuration interface, as shown in Figure 6-19 below.

MQTT	Enable	
User Name		
Password		
Port	1883	
Server		
Connection Status	Disconnected	
Subscription Setting		
Subscribe QoS	Almost Once	~
Subject Subscribed	SubscribeTest	
Issue Setting		
Keep Issuing	Enable	
Issue QoS	Almost Once	~
Issue Subject	PublishTest	

Figure 6-19

Step 2: Enable "MQTT", enter the user name, password, port and other parameters, enter the subscription setting and issue setting.

Step 3: Click "Save" to complete the setting.

SMTP Configuration

The specific steps are as follows:

Step 1: After logging in to the web page, click "Configuration \rightarrow Network \rightarrow Advance Setup \rightarrow SMTP Configuration" to enter the SMTP setting interface, as shown in Figure 6-20 below.

MQTT Configuration SMTP Configuration Wi-Fi Configuration

Enable E-mail Alarm Noti	fications	
SMTP Server	Custom	•
Custom SMTP Server	smtp.MailServer.com	
Sender's Address	User@domain.com	
Port	465	
Attach File		
Subject	FRD ALERT	
Encryption	SSL	~
User Name	User	
Password	•••••	
Recipient1	receiver1@domain.com	Test
Recipient2	receiver2@domain.com	
Recipient3	receiver3@domain.com	

Figure 6-20

Step 2: Enable email alarm notification and set email related information.

Set the SMTP server, port, sender, recipient address, attach file and other information here.

Step 3: Click "Save" to complete the setting.

Sender

[SMTP Server **]** Enter the server address of the sender mailbox.

[Sender's Address] Enter the complete address of the sender mailbox.

[Port] Enter the server port of the sender mailbox.

[User Name] Enter the user name of the sender mailbox.

[Password] Enter the password of the sender mailbox.

Recipient

(Recipient 1, 2, 3 **)** Fill in the complete address of the inbox, up to 3 inboxes are supported here. After completing, you can click "Test" to ensure the correctness of all input information and network connectivity of the device.

Wi-Fi Configuration

The specific steps are as follows:

Step 1: After logging in to the web page, click "Configuration \rightarrow Network \rightarrow Advance setup \rightarrow Wi-Fi Configuration" to enter the Wi-Fi configuration interface, as shown in Figure 6-21 below.

MQTT Configuration	SMTP Configuration Wi-	Fi Configuration	_								
Infinite LAN	Enable				Other No	etworks	Scanning				
Currently Connected Hot	Ispot								-		
Signal Strength						SSID		Signal Strength	Channel	Encryption	
DHCP	C Enable					FRD-WIFI-F	RD	-75	157	WPA2-PSK	^
ID Address	100					DIRECT-ATDESKTOP-A	A80INEAmsMK	-77	11	WPA2-PSK	ü
Notwork Mark						TP-LINK_A	PP	-85	6	WPA2-PSK	
Network Mask						Mob_TP_Net	work	-86	11	WPA2-PSK	
Gateway						HUAWEI-RUGB	2B_5G	-87	161	WPA2-PSK	
DNS						HeroSpeed_2.	4GHz	-87	12	WPA2-PSK	
						@PHICOMM	_E9	-88	10	WPA2-PSK	
Save	Refresh					IPC-LONGSE	-5G	-89	157	WPA2-PSK	
						Linksys02141	5GHz	-89	161	WPA2-PSK	~
My Network											
					SSID						
	SSID	Encryption	Connection	Del	Key						
					Encryptic	n	OPEN		~		
							Connaction				
							Contraction				



Step 2: Turn on the wireless network function and click "Save".

Step 3: The interface automatically searches for nearby Wi-Fi hotspots, selects the Wi-Fi hotspot, enters the corresponding password in the Key column, and clicks "Connection".

NOTE

- Only device that support the Wi-Fi function have a Wi-Fi interface. Please refer to the specific function of the device.
- Up to 3 connected Wi-Fi accounts can be remembered in my network for users to switch Wi-Fi.

6.4.3 Face recognition

Step 1: After logging in to the web page, click "Configuration \rightarrow Face recognition \rightarrow Face recognition" to enter the face recognition interface, as shown in Figure 6-22 below.

Face Recognition

Stranger Passage		
Detection Mask		
Relay Time:	1000	(Millisecond)
Relay Direction:	Normal	\checkmark
Living Body:	Close	\checkmark
Thermal Map:	Close	~
Verification Mode:	Face Verification	×
Verification Mode:	Face Verification	
Save		

Figure 6-22

Step 2: Configure the relevant parameters for face recognition.

Here, you can enable the stranger passage, detection mask, living body, thermal map, set the relay time and relay direction.

Step 3: Click "Save" to complete the setting.

[Stranger Passage] Turn on/off the pass function for strangers (unregistered persons).

【Detection Mask】 Turn on/off the device to check the mask function.

【Relay Time】 The duration of the relay on/off.

【Relay Direction】 When the external access control device is connected to the relay port NO and COM, the relay direction selects "Normal"; when the external access control device is connected to the relay port NC and COM, the relay direction selects "Reverse".

[Living Body] Turn on/off the live detection function of the device. After being turned on, it can effectively resist common frauds such as photos, videos, face changes, masks, and occlusions.

【Thermal Map】Turn on/off the heat map displayed on the device screen.

[Verification Mode] Choose the verification method according to actual needs.

(Face Verification **)** The device can pass the access control after it recognizes the registered person.

(Card Verification **)** Registered persons can pass the access control by swiping their cards, while unregistered persons can pass the access control by swiping their cards after the "Stranger Passage" function is turned on.

(Face and Card Verification **)** The device performs face recognition first. After the device recognizes the face, it prompts "Please swipe your card", and then swipe your card to pass the access control.

6.4.4 Temperature

Step 1: After logging in to the web page, click "Configuration \rightarrow Temperature \rightarrow Temperature" to enter the temperature measurement configuration interface, as shown in Figure 6-25 below.

Temperature

Temperature compensation:	0.0	
	Compensation range -5.00~5.00	
Temperature check		
Alarm temperature	37.3	°C

Figure 6-25

Step 2: Configure the relevant parameters for temperature.

Here, you can enable temperature check, set temperature compensation and alarm temperature.

Step 3: Click "Save" to complete the setting.

6.4.5 Personnel Inquiry

Step 1: After logging in to the web page, click "Configuration \rightarrow Personnel inquiry \rightarrow Personnel inquiry" to enter the personnel inquiry interface, as shown in Figure 6-26 below.

Personnel inquiry

moon	036110	Name	Ellective start time	Elicense elicitatio
1	6	zhanglei10495	Not limited	Not limited
2	7	zhanglei12001	Not limited	Not limited
3	8	zhanglei12002	Not limited	Not limited
4	9	zhanglei12003	Not limited	Not limited
5	10	zhanglei12004	Not limited	Not limited
6	11	zhanglei12005	Not limited	Not limited
7	12	zhanglei12006	Not limited	Not limited
8	13	zhanglei 12007	Not limited	Not limited
9	14	zhanglei12008	Not limited	Not limited
10	15	zhanglei12009	Not limited	Not limited
11	16	zhanglei12010	Not limited	Not limited
12	17	zhanglei12011	Not limited	Not limited
13	18	zhanglei12012	Not limited	Not limited
14	19	zhanglei12013	Not limited	Not limited
15	20	zhanglei12014	Not limited	Not limited
16	21	zhanglei 12015	Not limited	Not limited
17	22	zhanglei12016	Not limited	Not limited
18	23	zhanglei12017	Not limited	Not limited
19	24	zhanglei12018	Not limited	Not limited
20	25	zhanglei12019	Not limited	Not limited
21	26	zhanglei12020	Not limited	Not limited
22	27	zhanglei12021	Not limited	Not limited
23	28	zhanglei12022	Not limited	Not limited

Figure 6-26

Step 2: View information about storage personnel in the device.

Step 3: Enter the page number at the jump position, click "Go", the interface jumps to the specified interface.

Chapter 7 WEB Operation (Type F &G)

NOTE

- Different types of devices have different interface displays. The following pictures are for reference only. Please refer to the actual ones.
- The device supports accessing and managing devices on the PC through the Web.
- The WEB page provides application modules such as real-time preview, playback, configuration, and logout.
- The device supports a variety of browser monitoring, such as IE browser, 360 browser, Firefox browser (52 or less version), Google Chrome (Chrome 45 or less version).
- Users can access the device's WEB control interface through multiple PCs at the same time.
- This chapter applies to face recognition terminal type F & type G devices. Type G device does not have a temperature measurement module, so Type G device does not have a temperature-related interface. Please refer to the actual product.

7.1 Internet connection

Before using the browser to log in to the web interface, check whether the network between the PC and the device is normal.

Step 1: Confirm that the device is properly connected to the network.

Step 2: Set the IP address, subnet mask, and gateway for the PC and NVR devices, respectively.

- ✓ If there is no routing device on the network, allocate the IP address of the same network segment: If there is a routing device on the network, you need to set the corresponding gateway and subnet mask.
- ✓ The default IP address of the NVR device is 192.168.1.88.

Step 3: Check whether the network between the PC and the device is normal. The method is as follows: When the network between the PC and the device is normal, you can log in to the web interface of the device through the PC.

✓ On the PC, ping***.***.*** (device IP address) verifies that the network is connected and the returned TTL value is generally equal to 255.

7.2 Browser Login

To make sure device connects to Internet successfully, open Browser, input required IP address, the default setting is 192.168.1.88, and enter the login interface, as below Figure 7-1.

Al Face Recognition Device	English
	A race recognition Device
	Login

Figure 7-1

Select the system language in the upper right corner of the interface, enter the user name and password, the default user name is "admin", the password is "12345", click "Login"Remote login.



• If you have modified the IP address of the device, please log in with the newly set IP address.

7.3 My Device

After logging in to the web page, it will automatically enter the "My Device" interface, where you can view the device's real-time video, face gallery, pass, abnormal temperature data, version information, and operating status, as shown in Figure 7-2 below.



Figure 7-2

[Device Model] Device model.

[Serial Number] The serial number for the device.

[Firmware Version] The version information for the device software program.

[Web Version] Current web page version.

7.4 Record

Local records are used to view and download access records and temperature measurement records.

7.4.1 Pass Record

The specific steps are as follows:

Step 1: After logging in to the web page, click "Record \rightarrow Pass Record" to enter the pass record interface.

Step 2: Set the search criteria (search time range, name).

Step 3: Click "Query", the searched pictures are displayed in the list in the form of detailed information, as shown in Figure 7-3 below.

Al Face Recogn	ition Temperatur	e Measuring De	vice		My Device Record	System Staff Advance 🧝 admin 🕚
Pass Record	Temperature I	Lessurement Record				
Start Time: 202	0-12-14 00:00:00	End Time:	2020-12-14 23:59:59		Please enter a name	Q Query Download
Index	User Id	Name	Transit Time	Mask	Pass Device Name	Capture Picture
01	10906	zhang10906	2020-12-14 15:25:16	No	FRD	🔁 zhang10906
2	10906	zhang10906	2020-12-14 15:25:06	No	FRD	🔁 zhang 10906
3	10906	zhang10906	2020-12-14 15:25:04	No	FRD	🔁 zhang10906
4	10906	zhang10906	2020-12-14 15:24:42	No	FRD	🔁 zhang10906
5	10906	zhang10906	2020-12-14 15:17:58	No	FRD	zhang10906
6	10906	zhang10906	2020-12-14 15:17:55	No	FRD	🛅 zhang10906
7	10906	zhang10906	2020-12-14 15:17:52	No	FRD	🔁 zhang10906
8	10905	zhano10906	2020-12-14 15 17:48	No	FRD	Pt zhano10906

Figure 7-3



 After searching the pass records, please select the record you want to download and click "Download". Then select the download path and click "Download" to complete the download.

7.4.2 Temperature Measurement Record

The specific steps are as follows:

Step 1:After logging in to the web page, click "Record \rightarrow Temperature Measurement Record" to enter the temperature measurement record interface.

Step 2:Set the search criteria (search time range, name).

Step 3:Click "Query", the searched pictures are displayed in the list in the form of detailed information, as shown in Figure 7-4 below.

ace Reco	gnition Temp	erature Measu	Iring Device		My Devic	e Record System	Staff Advance 🍃
Pass Rec	cord Ten	perature Measuremen	1 Record				
Start Time:	2020-12-14 00:00:00		End Time: 2020-12	-14 23:59:59	Please ente	ra name Q	Query Download
Index	User Id	Name	Temperature	Mask	Temperature Time	Temperature Equipment	Capture Picture
	10906	zhang10906	36.74°C	No	2020-12-14 15:25:16	FRD	Z zhang10906
2	10906	zhang10906	36.77°C	No	2020-12-14 15:25:06	FRD	🔁 zhang10906
3	10906	zhang10906	36.80°C	No	2020-12-14 15:25:04	FRD	Zhang10906
4	10906	zhang10906	36.76°C	No	2020-12-14 15:24:42	FRD	🔁 zhang10906
5	10906	zhang10906	36.82°C	No	2020-12-14 15:17:58	FRD	Zhang10906
6	10906	zhang10906	36.80°C	No	2020-12-14 15:17:55	FRD	🔼 zhang10906
7	10906	zhang10906	36.80°C	No	2020-12-14 15:17:52	FRD	Zhang10906
8	10906	zhang10906	36.80°C	No	2020-12-14 15:17:48	FRD	🖪 zhano10906





After searching the temperature measurement record, please select the record to be downloaded and click "Download". Select the download path and click "Download" to complete the download.

7.5 System Configuration

System consists of system, network configuration, user rights, and equipment maintenance, and is mainly used to configure the basic functions of the device.

7.5.1 System

The system consists of date, daylight saving time, image configuration, display configuration, sound configuration, fill light configuration and maintenance.

Date

The specific steps are as follows:

Step 1: After logging in to the web page, click "System \rightarrow System \rightarrow Date" to enter the date setting interface, as shown in Figure 7-5 below.

AI Face Recognition Te	mperature Measuring I	Device		My Device	Record System	Staff	Advance	🇾 admin 🕐	
System	Network Configuration	User Rights	Equipment Maint	anance					
🖽 Dato 🔅 DST	🖂 Image Configuration	Display Configuration	() Sound Configuration	-:::Fill Light Configuration	©, Maintain				
	Time Zone Date Format Date/Time Setting Method	GMT+00:00 Dublin, Ed Year/Month/Day Set Date/Time Manua Set Date/Time Manua	linburgh, Lisbon, London, Monrovi Illy 2020-12-14 🗐 15 🗸 6 Computer 2020/12/14 15 30 15	, Casablanca, \checkmark \checkmark 29 \checkmark 54 \checkmark					
	Receive Date/Time Form NTP NTP Server Custom	time.nist.gov							
	NTP Port	123 10 Restore Default	Save						

Figure 7-5

Step 2: Choose how to set the time.

There are ways to set the time "Time Zone", "Synchronize with the computer", "Receive date/time form NTP". When you choose "Receive date/time form NTP", you need to set the NTP server, port and update time.

Step 3: Click "Save" to complete setting.

DST

Step 1: After logging in to the web page, click "System \rightarrow System \rightarrow Dst" to enter the daylight saving time interface, as shown in Figure 7-6 below.

AI Face Recognition Te	emperature Measurin	g Device	My Device Record	System Staff Advance 👧 admin (
System	Network Configuration	User Rights	Equipment Maintenance	
🗇 Date 🔅 DST	E Image Configuration	Display Configuration		uration ම, Maintain
	Daylight-Saving Time	🔿 Enable 🛛 🖲 Close		
	Туре	Week	\sim	
	Start Time	Mar. V 1st	✓ Sun ✓ 03 ✓ 03 ✓	
	End Time	Nov. 🗸 1st	✓ Sun → 03 → 03 →	
	Offset(min)	60 🗸		
		Restore Default Save		

Figure 7-6

Step 2: To enable daylight saving time, select the type, set the time range, Offset. **Step 3:** Click"Save" to complete the setting.

Image Configuration

Step 1:After logging in to the web page, click "System \rightarrow System \rightarrow Image Configuration" to enter the image configuration interface, as shown in Figure 7-7 below.

AI Face Recognitio	on Temperature Measurin	g Device	My Device	Record System	Staff Advance	🧕 admin 🔿
System	Network Configuration	User Rights	Equipment Maintena	nce		
⊞ Date ☆ Dr	ST Image Configuration	Display Configuration	C Sound Configuration	© Fill Light Configuration	ව, Maintain	
	HDR Beauty	Enable Close Close Enable Close Close Close Close Close		5 5 10		

Figure 7-7

Step 2: Enable HDR, Beauty, and set related values.

Step 3: Click"Save" to complete the setting.

Display Configuration

Step 1: After logging in to the web page, click "System \rightarrow System \rightarrow Display Configuration" to enter the display configuration interface, as shown in Figure 7-8 below.

System	Ne	twork Configuration	User Rights	Equipment Maint	tenance		
🖾 Date 📝	≵DST ≌Im	age Configuration	Display Configuration	()) Sound Configuration	·② Fill Light Configuratio	ා ම, Maintain	
	Languag	ie	中文简体		~		
	Display (Sonfiguration	Show IP Address		\sim		
	Device N	lame	FRD				
	Screen E	3rightness Setting 0		•	255 200		
			Restore Default	ave			

Figure 7-8

Step 2: Set the display parameters of the device on the local interface.

Here you can set the device interface, such as Show IP Address, Show Serial Number, Display Device Name, Language, Device Name, Screen Brightness Setting. **Step 3:** Click"Save" to complete the setting.

Sound Configuration

Step 1: After logging in to the web page, click "System→System→Sound Configuration" to enter the sound configuration interface, as shown in Figure 7-9 below.

I Face Reco	gnition Te	mperature Measurin	g Device	My Devi	ice Record System	Staff Advance	admin (
System		Network Configuration	User Rights	Equipment Mainte	enance		
🗇 Date	⇔ DST	E Image Configuration	Display Configuration	다 Sound Configuration	:); Fill Light Configuration	ළ, Maintain	
		Volume Setting	0	•	24 12		
			Restore Default Save				

Figure 7-9

Step 2: Use the mouse to drag the progress bar to adjust the volume. **Step 3:** Click"Save" to complete the setting.

Fill Light Configuration

Step 1: After logging in to the web page,click "System \rightarrow System \rightarrow Fill Light Configuration" to enter the light setting interface, as shown in Figure 7-10 below.

Syst	em	Network Configuration	User Rights	Equipment Main	ntenance		
🗇 Date	i¢: DST	E Image Configuration	Display Configuration	() Sound Configuration	Fill Light Configuration	එ, Maintain	
		Turn on the fill light	Enable Close				
		Fill Lamp Brightness	0 0	•	128 255		
			Restore Default Sav				

Figure 7-10

Step 2: Turn on the fill light, and use the mouse to drag the progress bar to adjust the screen brightness, .

Step 3: Click"Save" to complete the setting.

Maintain

Step 1:After logging in to the web page, click "System \rightarrow System \rightarrow Maintain" to enter the maintain interface, as shown in Figure 7-11 below. Here you can reboot the device, restore the factory settings. and upgrade.

AI Face Recognition Temper	ature Measuring Device		My Device Record		Staff Advance	🥫 admin 🔿
System N	letwork Configuration User Rights E	Equipment Maintenance				
🗇 Dete 🔅 DST 🖂	image Configuration 🖓 Display Configuration <) Sour	d Configuration	(9, Maintain			
Reboot System						
	Reboot Restore Factory Setting					
Upgrade						
Firmware	Note: The upgrade process will take about 1-10 minutes, please do	Browse Upgrade not turn off the power, The device reboots automatical	ly after upgrading.			
Manual Online Upgrade						
Current Version Number	H5RW_P1_olutest_20.1.51.1	Online Test				
Download Progress	Note: The upgrade process takes 1-10 minutes, please do not turn	off the power, it will automatically restart after the upgr	ade is completed, please do no	t power off and dis	connect the network	
Auto Online Upgrade						
More Time	New version detected, update or Upprade Monthly 03 Day Restore Defaut Save					

Figure 7-11

[Reboot System] Click "reboot \rightarrow confirm", the device starts to reboot.

[Restore factory setting] after the device is restored to the factory settings, all parameter settings will be automatically restored to the default parameters (please operate this function carefully).

[Upgrade] Click "Browse" on the right of the upgrade file to select the upgrade file package, and click "Upgrade" to enter the device program upgrade. Do not cut off the power of the device during the upgrade process. Wait for the upgrade progress to complete (please proceed with caution, the wrong upgrade file will cause the device system to run abnormally).

[Manual Online Upgrade]

Step 1: Click "Online Test", when there is a new version, prompt whether to download, click "OK" to automatically download the new version to the default path.

Step 2: The system prompts if you are sure to upgrade the new version, click "Upgrade". The device starts to upgrade and prompts "Do not power off during device upgrade". After the upgrade is complete, the device will reboot and use the latest version of the program.

[Auto Online Upgrade]

Check "Automatic online upgrade", a certain day of the week (this time can be set as needed), the device automatically detects whether there is a new version online, when it displays "New version detected. Is it updated", click "Upgrade". The device starts to upgrade and prompts "Do not power off during device upgrade". After the upgrade is complete, the device will reboot and use the latest version of the program.



• When choosing to upgrade the device online, make sure that the device is properly connected to the network.

7.5.2 Network Configuration

The network configuration consists of TCP/IP, WIFI, 4G, MQTT and SMTP.

■ TCP/IP

The network interface is used to modify the network parameters of the device. **The specific steps are as follows:**

Step 1: After logging in to the web page, click "System \rightarrow Network Configuration \rightarrow TCP/IP" to enter the TCP/IP interface, as shown in Figure 7-12 below.

AI Face Recognition Te	mperature Measuring	Device	My Device	Record	System	Staff	Advance	🧕 admin 🕐
System	Network Configuration	User Rights	Equipment Maintenance					
TCP/IP SWIFI	all 4G 🖳 MQTT	SMTP SMTP						
	Enable DHCP	Enable 🖲 Close						
	IP Address	172.18.195.17						
	Network Mask	255.255.248.0						
	Gateway	172.18.192.1						
	HTTP Port	80						
	Device MAC	00:11:33:44:55:66						
	Primary DNS	114.114.114.114						
	DNS	8.8.8.8						
		Restore Default Save						

Figure 7-12

Step 2: Modify network parameters (enable dhcp, IP address, Network mask, Gateway, Device mac, Primary dns, and Secondary dns).

Step 3: Click "Save" to complete the setting.

WIFI

The WIFI interface is used to configure the device to connect to the LAN WIFI.

The specific steps are as follows:

Step 1: After logging in to the web page, click "System \rightarrow Network Configuration \rightarrow Wi-Fi Configuration" to enter the Wi-Fi configuration interface, as shown in Figure 7-13 below.

AI Face Recognition Tem	perature Measuring De	vice		My Device Record System	Staff Advance 👼 admin 🔿
System	Network Configuration	User Rights	K faintenance		
⊕ TCP/IP	al 4G ⊕MQTT	⊠ SMTP			
Infinite LAN					
	Infinite LAN	Enable 💿 Close			
	Currently Connected Hotsp	z			
	Signal Strength				
	DHCP	Enable			
	IP Address				
	Network Mask				
	Gateway				
Life Nature	510				
ing theman					
S	SID	Encryption	Connection	Operate	
Other Networks					
				Se	anning
N	o. SSID	Signal Strength	Channel	Encryption	
	SSID				
	Key		8		
	Encryption	OPEN			
		Destroy Defect			
		The state of the s			

Figure 7-13

Step 2: Click "Enable" to enable wireless LAN, click "save".

Step 3: Click the "Scanning" button to search for connectable WIFI hotspots in the LAN.

Step 4: Select the WIFI to be connected, enter the corresponding WIFI password in the key field, and select the encryption method.

Step 5:Click "Enable" to enable DHCP, and click "Save".

[My Network] WIFI IPC can connect the device or delete the WIFI account through wireless WIFI management by remembering the account that has been connected to the WIFI.

FNOTE

When the device is connected to WIFI, you can also choose not to turn on DHCP,

manually input and select the preferred DNS server, IP address, default gateway of the same WIFI network segment, and set the relevant information of the camera WIFI network.Up to 3 connected Wi-Fi accounts can be remembered in my network for users to switch Wi-Fi.

4G

The 4G interface is used to configure the hotspot of the device's wireless network for users to connect.

Prerequisites:

Before using the 4G function of the device, you must ensure that the device has a 4G SIM card installed and that the card can access the Internet normally.

The steps to connect the device to 4G are as follows:

Step 1: After logging in to the web page, click "System \rightarrow Network Configuration \rightarrow 4G" to enter the 4G configuration interface, as shown in Figure 7-14.

Al Face Reco	gnition Te	emperature N	leasuring	Device		My Device	Record	System	Staff	Advance	🧕 admin 🔿
System		Network Co	nfiguration	User Rights	Equipme	ent Maintenance					
⊕ TCP/IP	⇔ WIFI	all 4G	^但 MQTT	SMTP							
		4G Open APN User Name Password		Enable Close							
				Figur	o 7₋1/I						

Figure 7-14

Step 2: Click "Enable" to enable 4G, enter APN, username and password **Step 3:** Click "Save" to complete the setting.

MOTT

MQTT(Message Queuing Telemetry Transport) protocol, that is, message queue telemetry transport protocol.

The specific steps are as follows:

Step 1: After logging in to the web page, click "System \rightarrow Network Configuration \rightarrow MQTT Configuration" to enter the MQTT protocol configuration interface, as shown in Figure 7-15 below.

AI Face Recognition Te	emperature Measurir	ng Device	My Device R	ecord System	Staff Advance	🁼 admin 🔿
System	Network Configuration	User Rights	Equipment Maintenance			
⊕ TCP/IP ⇔WIFI	all 4G 🕀 MQT	T SMTP				
MQTT						
	MQTT	🔆 Enable 🖲 Close				
	User Name	admin				
	Password					
	Port	1883				
	Server	172.18.195.12				
	Connection Status	Disconnected				
Subscription Setting						
	Subscribe QoS	Almost Once				
	Subject Subscribed	SubscribeTest				
Issue Setting						
	Keep Issuing	Enable 📀 Close				
	Issue QoS	Almost Once				
	Issue Subject	PublishTest				
		Restore Default Save	45			

Figure 7-15

Step 2: Enable "MQTT", enter the user name, password, port and other parameters, enter the subscription setting and issue setting.

Step 3: Click "Save" to complete the setting.

SMTP

The specific steps are as follows:

Step 1: After logging in to the web page, click "Configuration \rightarrow Network \rightarrow Advance Setup \rightarrow SMTP Configuration" to enter the SMTP setting interface, as shown in Figure 7-16 below.

Al Face Recognition Temperature Measuring Device		5	My Device Record	System Staff	Advance	📴 admin 🔿
System Vetwork Configuration	User Rights Equipment Maintenance					
⊕TCPNP ⇔WIFI #4G ⊕MQTT	SMTP					
Enable E-mail Alarm Notifi	cationsEnable 🔹 Close					
SMTP Server	Custom v					
Custom SMTP Server	smtp.MailServer.com					
Sender's Address	User@domain.com					
Port	465					
Attach File						
Subject	FRD ALERT					
Encryption	SSL ~					
User Name	User					
Password						
Recipient1	receiver1@domain.com	Test				
Recipient2	receiver2@domain.com					
Recipient3	receiver3@domain.com					
	Restore Default Save					

Figure 7-16

Step 2: Enable email alarm notification and set email related information.

Set the SMTP server, port, sender, recipient address, attach file and other information here.

Step 3: Click "Save" to complete the setting.

Sender

[SMTP Server] Enter the server address of the sender mailbox.

[Sender's Address] Enter the complete address of the sender mailbox.

[Port] Enter the server port of the sender mailbox.

[User Name] Enter the user name of the sender mailbox.

[Password] Enter the password of the sender mailbox.

Recipient

[Recipient 1, 2, 3] Fill in the complete address of the inbox, up to 3 inboxes are supported here. After completing, you can click "Test" to ensure the correctness of all input information and network connectivity of the device.

7.5.3 User Rights

User permissions are used to manage (add, modify, delete) device users. When the current user is the administrator "admin", the user can create other users according to actual needs, up to 10 users can be created.

Add User

The specific steps are as follows:

Step 1: After logging in to the web page, click "System \rightarrow User Rights" to user management interface, as shown in Figure 7-17 below.

I Face Recognition	Temperature Measuring De	vice	My Device Record System Staff Advance 🥫				
System	Network Configuration	User Rights	Equipment Maintenance				
A User Management							
					Add User		
Index	User Name	Security	Level	Modify			
1	admin	Weak Password	Administrator	Modify			
			< 1 >	Total 1 Page, Skip To	Page Go		
		Figure 7	17				

Step 2: Click "Add User" to enter the "Add User" interface, as shown in Figure 7-18 below.

Add User

Password		
Confirm		
Level		
Operator		~
		Cancel Ok
	Figure 7-1	.8

X

Step 3: Enter user name, password and confirm password, select user level. **Step 4:** Click "Ok" to complete the user addition.



- In order to improve the security of the product's network use, please change your user name and password regularly. It is recommended to update and maintain every 3 months. If the device is used in a high security risk environment, it is recommended to update monthly or weekly.
- It is recommended that administrators effectively manage device accounts and user permissions, delete irrelevant users and permissions, and close unnecessary network ports.



- The user name of the device is admin, and this user name cannot be modified or deleted.
- When setting the password of the device, the password length is 8-31 characters, and must contain numbers and letters.

The password strength rules are as follows:

- If the password contains three or more character types (numbers, lowercase letters, uppercase letters, special characters), it is a strong password.

– If the password is a combination of numbers and special characters, a combination of lowercase letters and special characters, a combination of uppercase letters and special characters, and a combination of lowercase letters and uppercase letters, it is considered a medium-strength password.

- If the password is a combination of numbers and lowercase letters, the combination of numbers and uppercase letters is a weak password.

- The length of the password is 8 characters. The password contains only one type of character. The password is the same as the user name or the password is the reverse of the user name. The above types of passwords are risk passwords. It is not recommended to set this way.

To better protect your privacy and improve product security, it is recommended that you change the risk password to a high-strength password.

Edit users (new users)

Step 1: Select the user to be modified in the user management list, click "Modify" to enter the modify user interface, as shown in Figure 7-19 below.

Modify User	
User Name	
LS0081	
New Password	
Confirm	
	Cancel



Step 2: Tick "Modify Password", enter the new password and confirm password; **Step 3:** Click "Ok" to complete the user editing.



• The password setting rules are the same as those when adding users.

Delete User

Step 1: Select the user to be deleted in the user management list and click "Del"; **Step 2:** Click "Ok" to delete the user.

7.5.4 Equipment Maintenance

Equipment maintenance consists of scheduled restart and standby settings.

Scheduled Reboot

The specific steps are as follows:

Step 1: After logging in to the web page, click "System \rightarrow Equipment Maintenance \rightarrow Scheduled Reboot" to scheduled reboot interface, as shown in Figure 7-20 below.

AI Face R	ecognition Te	mperature Measuring	Device	My Device Reco	d System	Staff A	Vdvance 🧧	🔒 admin 🔿
s	O System	Network Configuration	User Rights	Equipment Maintenance				
ି ଓ, Scheo	duled Reboot	(·) Standby Settings						
		Scheduled Reboot	Weeky Vied.	03 - Hour 03 -	- Minute			

Figure 7-20

Step 2: Set the time to restart the device.

Here you can set daily, weekly, monthly restart or never restart. **Step 3:** Click "Save" to complete the setting.

Standby settings

The specific steps are as follows:

Step 1: After logging in to the web page, click "System \rightarrow Equipment Maintenance \rightarrow Standby Settings" to enter the standby setting interface, as shown in Figure 7-21 below.

AI Face Recognition	Temperature Measuring	g Device	My Device Record	Staff Advance	🥫 admin 🔿
System	Network Configuration	User Rights	Equipment Maintenance		
ම්, Scheduled Reboot	Standby Settings				
	Standby Settings	10min v (Restore Default) Sove			

Figure 7-21

Step 2: Set the standby time.

Here you can set never, 5 minutes, 10 minutes and 30 minutes. Step 3: Click "Save" to complete the setting.

7.6 Staff

7.6.1 Personnel Inquiry

The specific steps are as follows:

Step 1: After logging in to the web page, click "Staff \rightarrow Personnel Inquiry" to enter the personnel inquiry interface, as shown in Figure 7-22 below.

Al Fa	ce Recognitio	n Temperature	Measuring Dev	ice	My Device Record System	Slaff Advance 🧕 admin 🖱
	Personnel Inquiry					
	Please enter a name	Q	Query			
	Index	User Id	Name	Effective Start Time	Effective End Time	Picture
	1	2000	zhang2000	0	0	zhang2000
	2	1999	zhang1999	0	0	🔁 zhang1999
	3	1998	zhang1998	0	0	zhang1998
	4	1997	zhang1997	0	D	zhang1997
	5	1996	zhang1996	0	0	🔁 zhang1996
	6	1995	zhang1995	0	0	🔁 zhang1995
	7	1994	zhang1994	0	0	zhang1994
	R	1993	2hand 1993	Eiguro 7 22	n	2hann1993

Figure 7-22

Step 2: Enter the name of the person to be queried in the input box at the upper right corner of the interface.

Step 3:Click "Query", and the interface displays the information of the searched person (user ID, name, effective start time, effective end time, picture).



Enter the personnel query interface, the system will automatically search and display all personnel information of the equipment.



" to view personnel photos.

7.7 Advance

Click "

The advanced configuration consists of verification mode, face recognition, temperature measurement configuration and interface configuration.

7.7.1 Verification Mode

The specific steps are as follows:

Step 1: After logging in to the web page, click "Advance \rightarrow Verification Mode" to enter the verification mode interface, as shown in Figure 7-23 below.

AI Face Recognition Te	emperature Measuring	Device	My Device	Record	System	Staff	Advance	🁼 admin 🔿	
tit Venfication Mode	Face Recognition	Temperature-taking Setting	Interface Configuration						
	Verification Mode	Face + Temperature Messurement Restore Default Sine		×					

Figure 7-23

Step 2: Select the verification mode from the drop-down box.

Step 3: Click "Save" to complete the setting.

[Verification Mode] Choose the verification method according to actual needs.

[Face Verification] The device can pass the access control after it recognizes the registered person.

[Swipe] Registered persons can pass the access control by swiping their cards.

[Face + Temperature Measurement] The device will first recognize the face, and after successfully recognizing the face, it will prompt "Please take temperature". When the temperature of the person is displayed as normal, the access control can be passed.

[Face + Swipe] The device will first recognize the face, and after successfully recognizing the face, it will prompt "Please swipe the card". If the card owner is the same as the detected person, the access control can be passed.

[Face + Temperature Measurement+Swipe]The device will first recognize the face, and after successfully recognizing the face, it will prompt "Please take temperature". When the temperature of the person is displayed as normal, it will prompt "Please swipe the card". If the card owner is the same as the detected person, the access control can be passed.

[Face + ID Card]The device will first recognize the face, and after successfully recognizing the face, it will prompt "ID Card". If the ID card owner is the same as the detected person, the access control can be passed.

[Face + ID Card + Temperature Measurement]. After the device recognizes the face, it prompts for temperature measurement, and then prompts to swipe the ID card; if the body temperature is normal and the person is judged to be consistent with the ID card, the access control can be passed.

7.7.2 Face Recognition

The specific steps are as follows:

Step 1: After logging in to the web page, click "Advance \rightarrow Face Recognition" to enter the face recognition interface, as shown in Figure 7-24 below.

Al Face	Recognition Ter	mperature Measuring [Device	My Device Re	ecord System	Staff	🧕 admin 🕐
Ve	erification Mode	Face Recognition	Temperature-taking Setting	Interface Configuration			
		Stranger Passage Detection Mask Snapshot Switch Pass Record Keeping Rebay Time	Open Oiose Open Oiose Open Oiose Open Oiose Oose		(Millisecond)		
		Relay Direction Living Body Thermal Map	Normal Open Open Restore Default		× ×		

Figure 7-24

Step 2: Set face recognition parameters as needed (stranger passage, detection mask, snapshot switch, pass record keeping, relay time, relay direction, live body and thermal map)

Step 3: Click "Save" to complete the setting.

[Stranger Passage] Turn on/off the pass function for strangers (unregistered persons).

[Detection Mask] Turn on/off the device to check the mask function.

[Snapshot Switch] After enabling, the device starts to capture faces and save the pictures. [Relay Time] The duration of the relay on/off. **[Relay Direction]** When the external access control device is connected to the relay port NO and COM, the relay direction selects "Normal"; when the external access control device is connected to the relay port NC and COM, the relay direction selects "Reverse".

[Living Body] Turn on/off the live detection function of the device. After being turned on, it can effectively resist common frauds such as photos, videos, face changes, masks, and occlusions.

[Thermal Map] Turn on/off the heat map displayed on the device screen.

7.7.3 Temperature-taking Setting

The temperature measurement configuration interface is used to set temperature parameters and upgrade the temperature measurement module.

The specific steps for setting temperature measurement parameters are as follows:

Step 1: After logging in to the web page, click "Advance \rightarrow Temperature-taking Setting" to enter the Temperature-taking Setting interface, as shown in Figure 7-25 below.

AI Face Recognition	Temperature Measuring	g Device	My Device Re	ecord System	Staff Advance	🥫 admin 🔿
Verification Mode	Face Recognition	Temperature-taking Setting	Interface Configuration			
	Temperature Compensation	0.0		Compensation Ran	ge -5.00~5.00	
	Alarm Temperature	37.3		۰c		
	Temperature Scale	Celsius				
	Temperature Range	35-42°C				
	Temperature Distance	0.7m				
Upgrade						
	Module Version	104				
	Firmware			Browse	Upgrade	
		Note: The upgrade process will take about 1-10	minutes, please do not turn off the powe	r,The device reboots automa	bcally after upgrading.	
		Restore Default Save				
		Figure 7	-25			

Step 2:Set temperature parameters (temperature compensation, alarm temperature, temperature scale) as required.

Step 3: Click "Save" to complete the setting.

The steps to upgrade the temperature measurement module are as follows

Step 1: After logging in to the web page, click "Advance \rightarrow Temperature-taking Setting" to enter the Temperature-taking Setting interface.

Step 2: Click "Browse" and select the temperature measurement module upgrade file (eg: LS_HTP_V20.1.XX.X.bin).

Step 3: Click "Upgrade" and wait for the temperature measurement module to be upgraded.



• The upgrade process takes 1-10 minutes, please do not turn off the power, it will automatically restart after the upgrade is completed.

7.7.4 Interface Configuration

The interface configuration consists of disk management, Wiegand and alarm output.

HDD

The specific steps are as follows:

Step 1: After logging in to the web page, click "Advance \rightarrow Interface Configuration \rightarrow HDD" to enter the HDD Setting interface, as shown in Figure 7-26 below.

Al Face Recognition Te	emperature Measuring	Device	My Device Record	System Staff /	vdivance 👼 admin (*)
Verification Mode	Face Recognition	Temperature-taking Setting	Interface Configuration		
HDD 😤 Wiegand	1 🖄 Alarm Output				
					Format
Choice	No. Status	Total Capacity	Residual Capacity	Device Type	•

Figure 7-26

Step 2: Here you can view the memory card information (serial number, status, total capacity, remaining capacity, device type). You can also select the memory card, click "Format \rightarrow Ok" to format the memory card.

Wiegand

The specific steps are as follows:

Step 1: After logging in to the web page, click "Advance \rightarrow Interface Configuration \rightarrow Wiegand" to enter the Wiegand Setting interface, as shown in Figure 7-27 below.

AI Face Recognition Te	My Device	Record	System	Staff	🧕 admin 🕚		
Verification Mode	Face Recognition	Temperature-taking Setting	Interface Configuration				
🗟 HDD 📚 Wiegand	首 Alarm Output						
	Direction	Input Restore Default Save		×			

Figure 7-27

Step 2: Set Wiegand direction in the drop-down box.

When the Wiegand interface (D0, D1, GND) of the device is connected to a third-party verification device (such as a card reader) that supports Wiegand protocol, select "Input". **Step 3:** Click "Save" to complete the setting.

Alarm Output

The specific steps are as follows:

Step 1: After logging in to the web page, click "Advance \rightarrow Interface Configuration \rightarrow Alarm Output" to enter the alarm output setting interface, as shown in Figure 7-28 below.

Al Face Rec	ognition Te	emperature Measuri	ing Device	My Device	Record	System	Staff	🧾 admin 🕚
Verificatio	n Mode	Face Recognition	Temperature-taking Setting	Interface Configuration				
G HD	⊉ Wegand	Alarm Output	Com Close		Seco	nd		

Figure 7-28

Step 2: Click "Enable" to enable the alarm output, and select the alarm output time in the drop-down box.

Step 3: Click "Save" to complete the setting.

7.8 Logout The specific steps are as follows:

Step 1: After logging in to the web page, click "O", in the upper right corner to enter the logout interface, as shown in Figure 7-29.

AI Face Recognition Temperature Measuring Device					My Device Reco	rd System	Staff	Advance	📓 admin 🖑
	Venfication Mode		Face Recognition	Le Temperature-taking Setting	Interface Configuration				
	@ HDD	章 Wiegand	Alarm Output						
			Alarm Output	C Logout?	Cancel	Second			

Figure 7-29

Step 2: Click "OK" to jump to the login interface.

Chapter 8 Appendix 8.1 Common problem introduction

1. How many conditions may cause the device to fail to operate normally after booting? Answer: Check whether the input power is correct; check whether the switch power cord is in normal contact.

2.What effect may the heat dissipation of the device have on itself? Answer: The operation of the device will generate a certain amount of heat. Please place the device in a safe and well-ventilated place to prevent the device from affecting the stability and service life of the system due to long-term high temperature.

3. What should I do if the platform cannot find the device?

Answer:

1) Make sure the power is connected.

2) Make sure that the device network is smooth and connected normally.

3) Make sure that the computer where the device is installed is a windows system, and the computer and the device are on the same LAN.

4) Make sure that the device is fully started, and automatically enter the face recognition interface.

5) Make sure that the current network environment is stable.

4. What to do if the network connection is unstable?

Answer:

- 1) Check if the network is unstable.
- 2) Check if the IP address conflicts.
- 3) Check if the MAC address conflicts.

4) Check whether the computer or device network card is abnormal.

5. What should I do when SDP2000 is abnormal (such as abnormal reading or abnormal data interface)?

Answer: Right-click on the " "icon in the lower right corner of the desktop, check whether the status of Nginx, Mysqld and SDP2000 is green (normal status), if any item shows a gray status, please restart the Software, make it green, as shown in Figure 4-1 below.


Figure 7-1

6. Abnormal temperature always showing 35.8°.

Answer:

1) If version is below V20.1.12.2 please contact technical to upgrade the device.

2) If confirm the firmware version is the latest one, need to disconnect the power and power on again for 5 mins then device can be used normally.

7. The image delivery fails which may cause the device not working properly, you need to restart the device.

Answer:

1) If the version is lower than V20.1.12.2, please contact our technicians to upgrade the device program.

2) We need to use pre-processed software tools to process the pictures before importing them to the device. The picture pre-processed software tools can be obtained by contacting the relevant sales or technical person.

3) Enter the computer control panel and turn off the computer's network firewall.

8. The web client clicks the device configuration and fails to get the data. Answer:

1) Removed the network cable from the device, delete the device on the smart terminal platform, and then press the hard reset button to restore the factory. Then you can search and add the device again on the smart terminal platform.

2) If the data acquisition failure still occurs after trying the operation of step 1), after deleting the device on the smart terminal platform, install the smart terminal platform again and search and add the temperature measuring device again.

9. There is no sound from the device.

Answer:

1) Go to the computer site of intelligent management terminal, enter the setting interface: Device Management-Configuration-Remote -Configuration, and check if the volume is set to a low value. It is recommended to set it to 75 (factory default).

2) If you confirm that the parameter has a setting of 75, also tried to press the hard-reset button on the device's waterproof cables to restore the device,

3) But if there is still no sound, then the device has speaker failure, and needs to be send to us for RMA.