

## catalogue

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# Edge Analysis Host Quick Start Guide

## 1. plant parameter

give tacit consent to IP:

GE1/LAN1:192.168.0.18      GE2/LAN2:192.168.1.18

Default account: admin    Default password: m123456

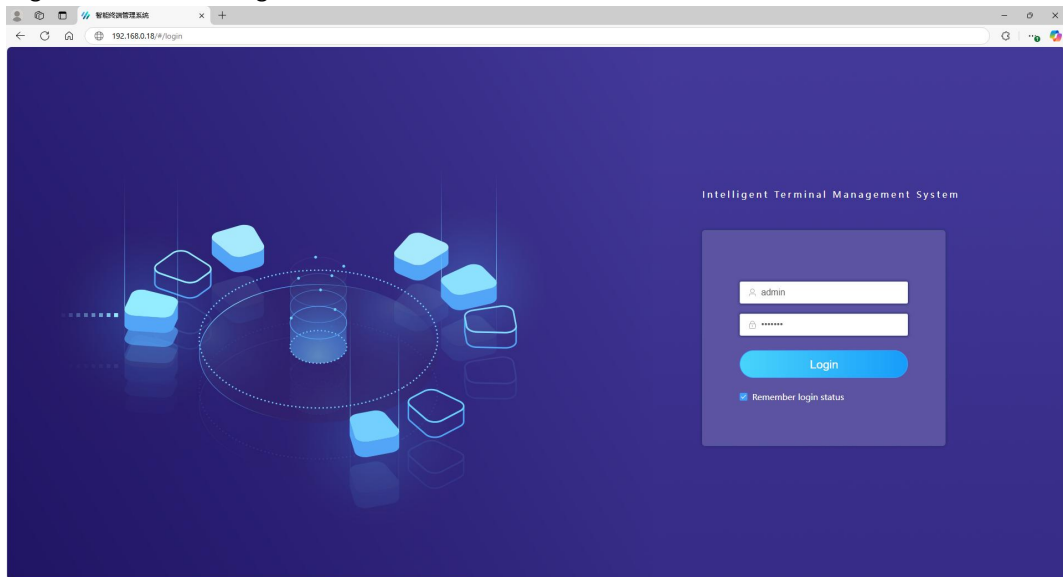
Camera height requirements:

Face detection: 2.5-3.0m    Angle: 15-30° (recommended height 2.5m, Angle 15°) Behavioral analysis algorithm: 2.5-3.5m    Angle: 15-30° (recommended height 2.8m, Angle 20°)

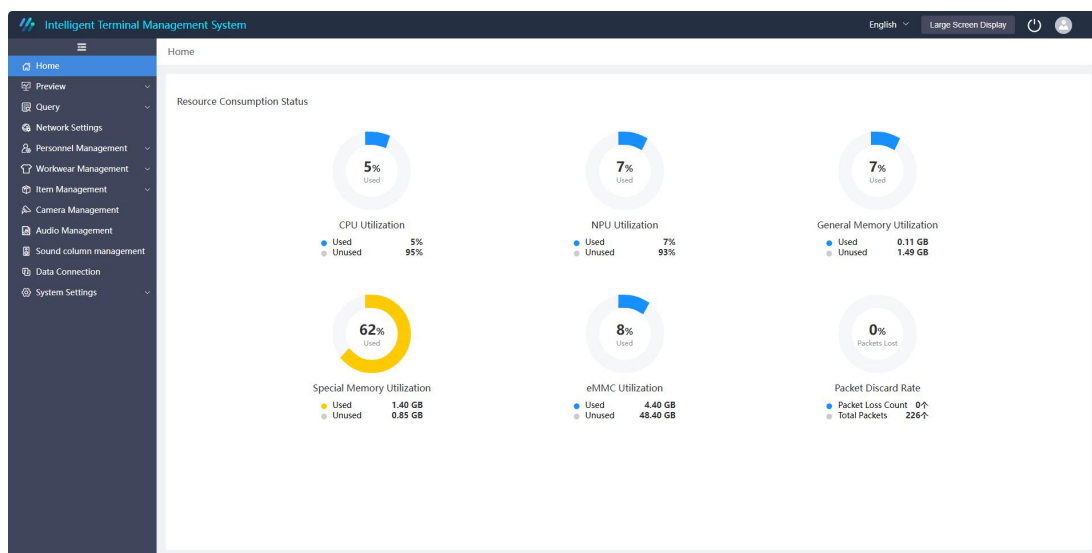
Note: The height and Angle of the camera have a great impact on the algorithm detection, please deploy the camera according to this requirement!

## 2. Device login

Open Google browser, enter the IP in the address bar, enter the account and password to log in, as shown in Figure 1, 2 below:



graph 1



graph 2

### 3. Modify device IP

Select Network Settings-> Network Port Settings-> Edit (fill in IP address, subnet mask, gateway, DNS) -> Save, as shown in Figure 3

As shown:

The screenshot shows the 'Network Settings' page with the 'Network Port Settings' tab selected. The page displays configuration details for two network ports, LAN1 and LAN2. A red box highlights the configuration fields for LAN1, which include:

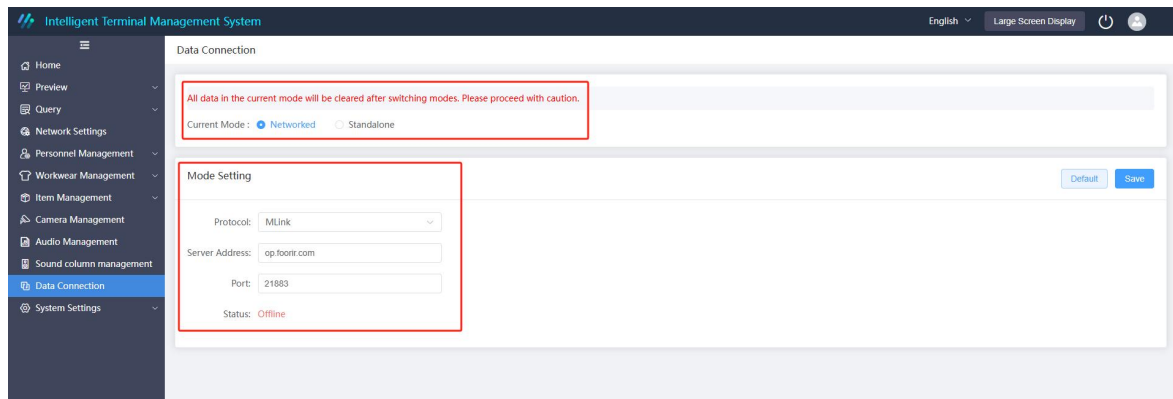
- Network Port Name:** LAN1
- MAC Address:** 00:15:18:22:17:7e
- Obtaining IP Method:** Static
- \* IP Address:** 10.10.2.159
- \* Subnet Mask:** 255.255.255.0
- Gateway:** 10.10.2.1
- dns1:** 114.114.114.114
- dns2:** 114.114.114.114

Below these fields, there is a 'Save' button. The configuration for LAN2 is also visible, showing a similar setup with a different IP address (192.168.1.18).

graph 3

### 4. Select the device operation mode and server address

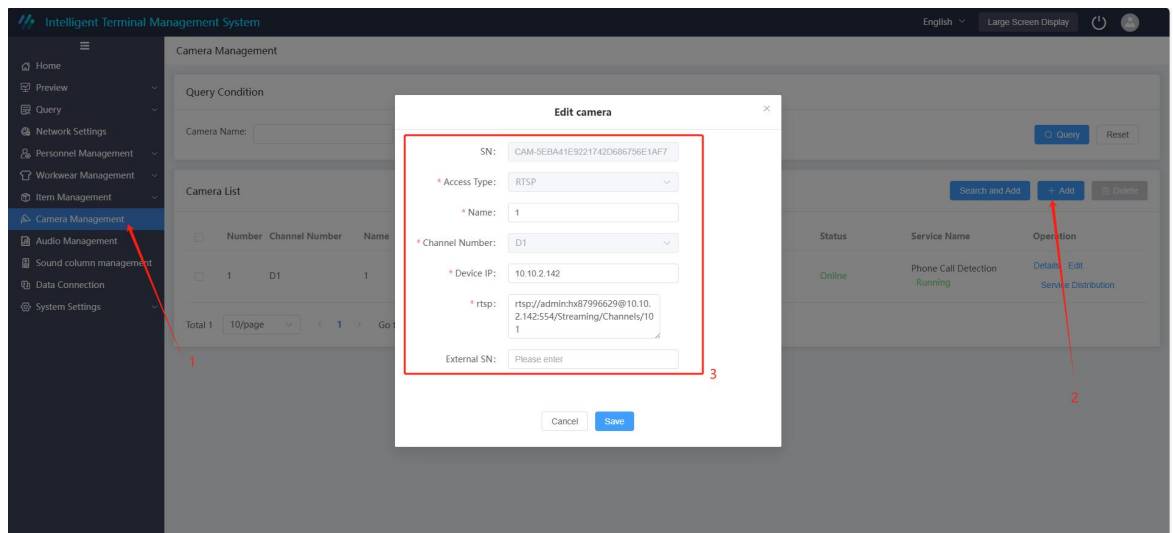
Select data connection--> Select network / single machine (Note: After switching the running mode, all data in the original mode will be cleared. Please operate carefully.), select the communication protocol and fill in the target server address, as shown in Figure 4:



graph 4

## 5. Add a camera

Select Camera Management-> Add-> Select Access Type-> Fill in the camera name-> Select channel number-> fill in the camera information-> save, as shown in Figure 5:



graph 5

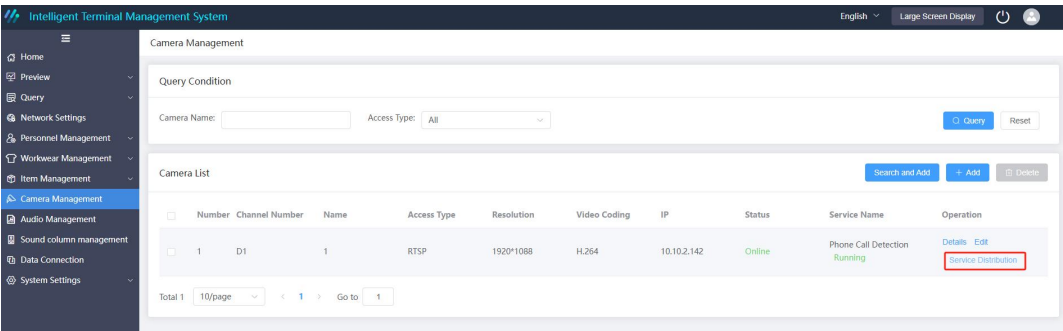
Note: The rtsp stream address must match the different brand of camera. This document uses Hikvision camera.

rtsp:// admin: a1234567@ 192.168.0.19:554/h264/ch1/main/av\_stream.

The parts that need to be modified are: red for camera account, blue for camera password, and green for camera IP.

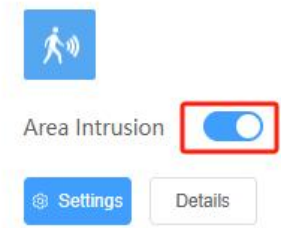
## 6. Enable algorithm services

Select camera management-> select target camera-> click Service Distribution to enter the algorithm configuration page



graph 6

Note: After the algorithm is set, you must return to the service allocation interface and turn on the algorithm switch.

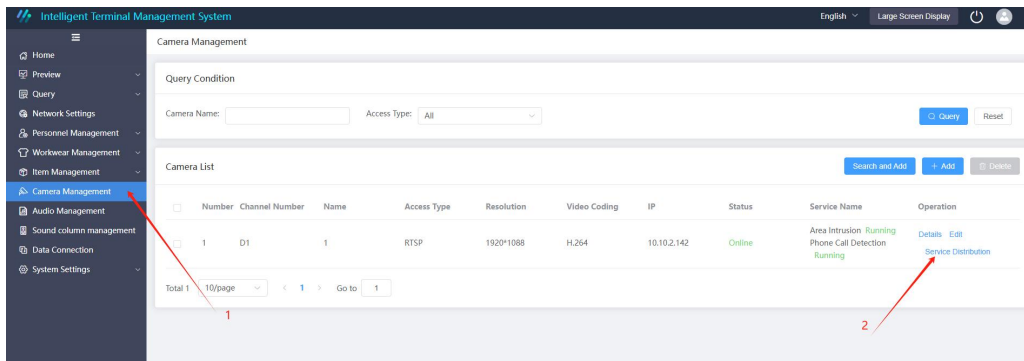


### 6.1 Face/body detection

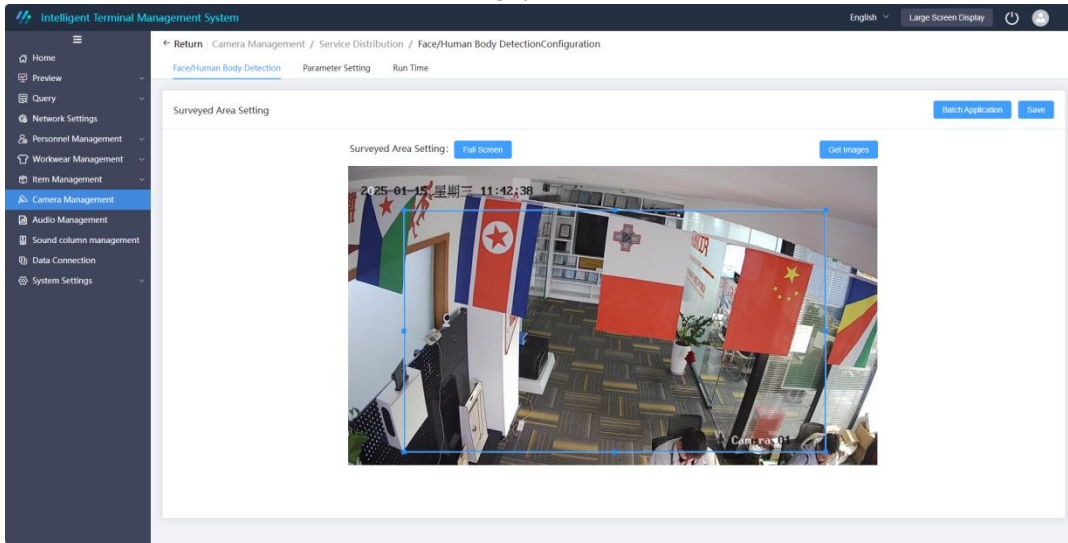
Step 1: Camera management-> Service allocation-> Settings-> Get picture-> Save, as shown in Figure 7 and Figure 8.

Step 2: Parameter Settings-> Select the snap mode-> detection mode-> snap times-> keep other parameters default-> save, as shown in Figure 9.

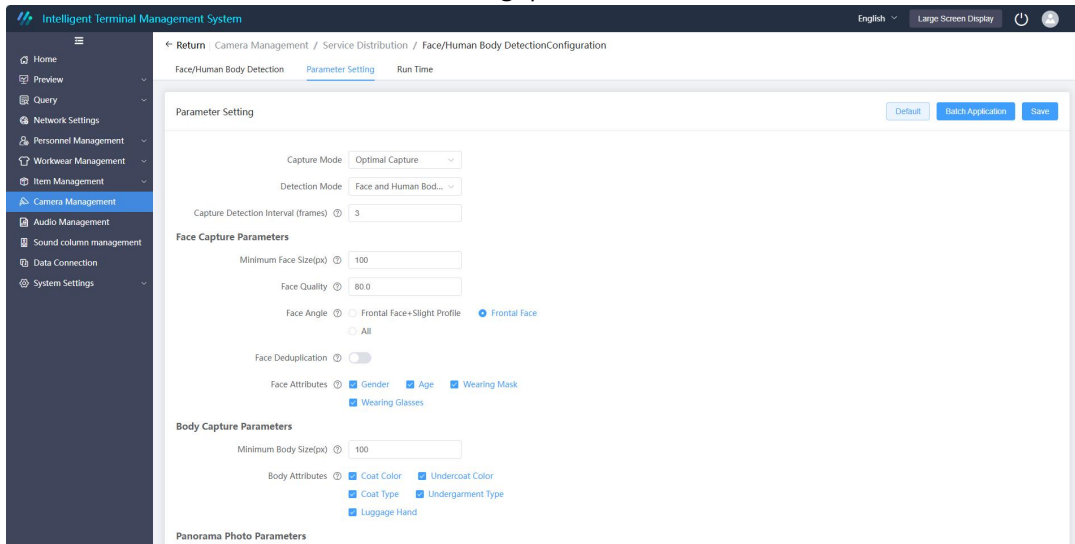
Step 3: Return to the service allocation interface and turn on the algorithm switch.



graph 7



graph 8

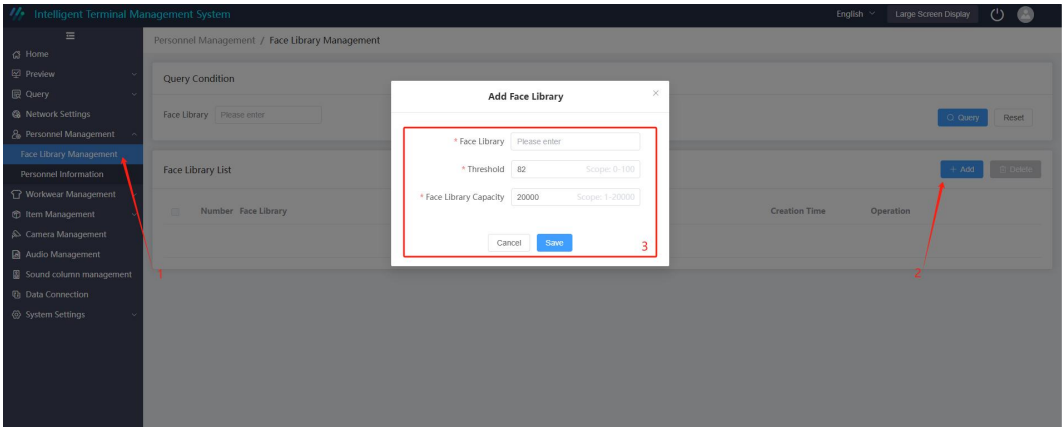


graph

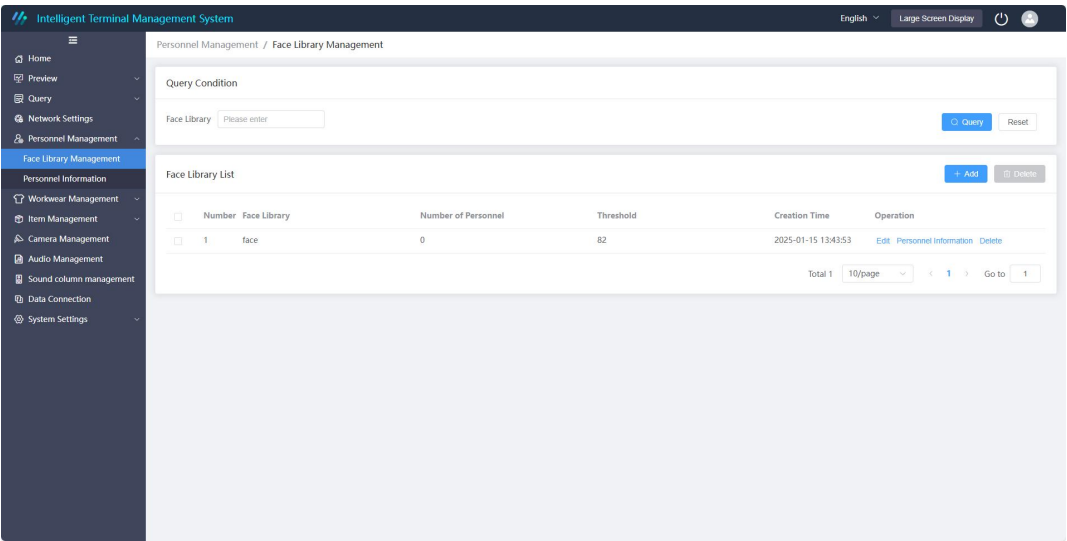
# 6.2 Face comparison

## 6.2.1 Create a face database

Personnel management-> Face library management-> Add-> Fill in the face library name-> Save, as shown in Figure 1 0 and Figure 1 1:



graph 10

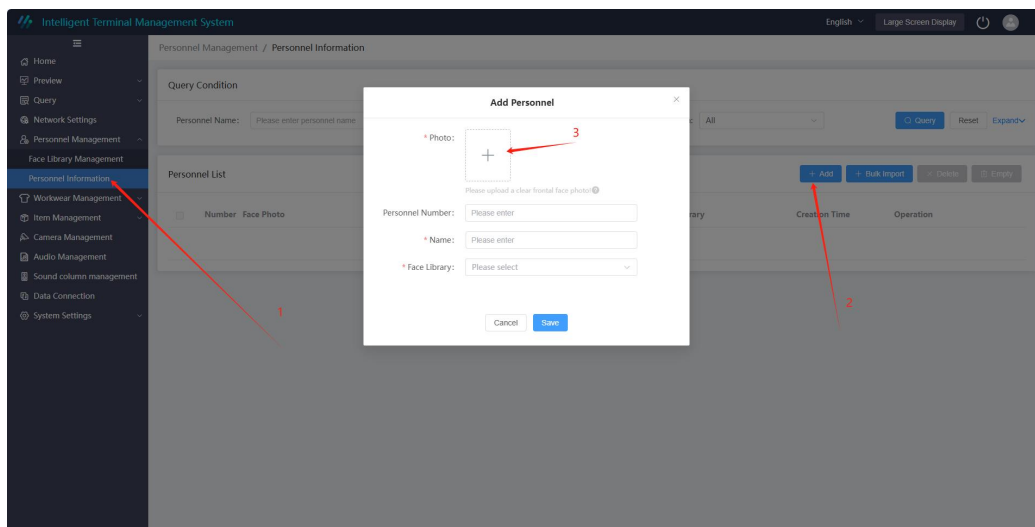


graph 11

## 6.2.2 Add personnel information

### 6.2.2.1 Add individual personnel information

Personnel management→Personnel information→Add/import in batches→Upload face photos, fill in personnel information→Select face database→Save, as shown in Figure 1 and 2:

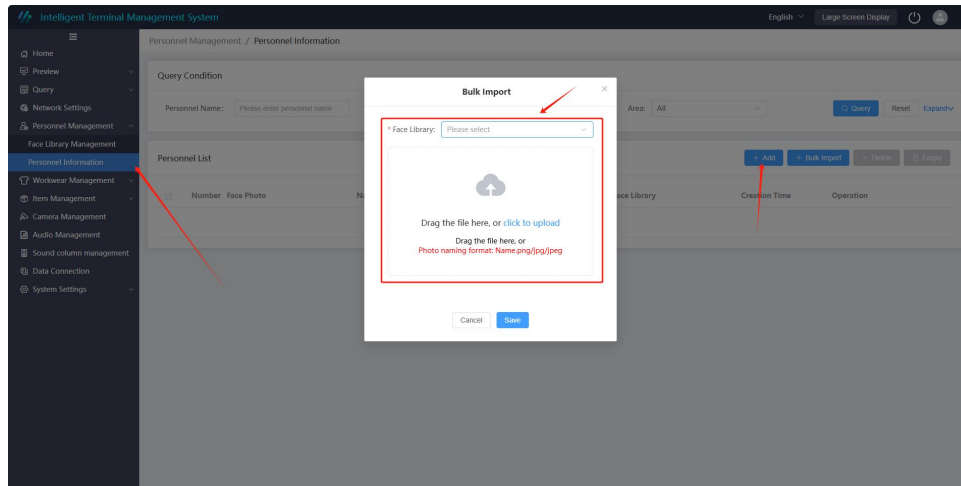


graph 12



### 6.2.2.2 Add personnel information in batches

Personnel management-> Personnel information-> Batch import-> Select face database-> Upload compressed package-> Save, as shown in Figure 1 3:



graph 13

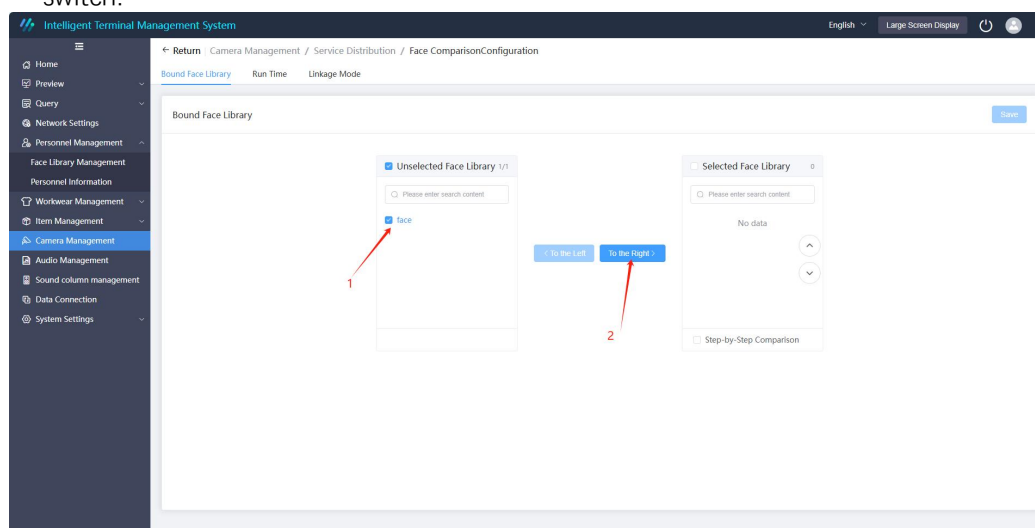
Note: Only ZIP compressed files are supported, and the file size is not more than 500MB

Photo naming format: Name.png/jpg/jpeg

### 6.2.3 Enable face recognition service

Step 1: Camera management->Service allocation->Face comparison->Settings->Select face library->Click to the right->Save, as shown in Figure 1 4 .

Step 2: Return to the service allocation interface and open the face comparison service switch.



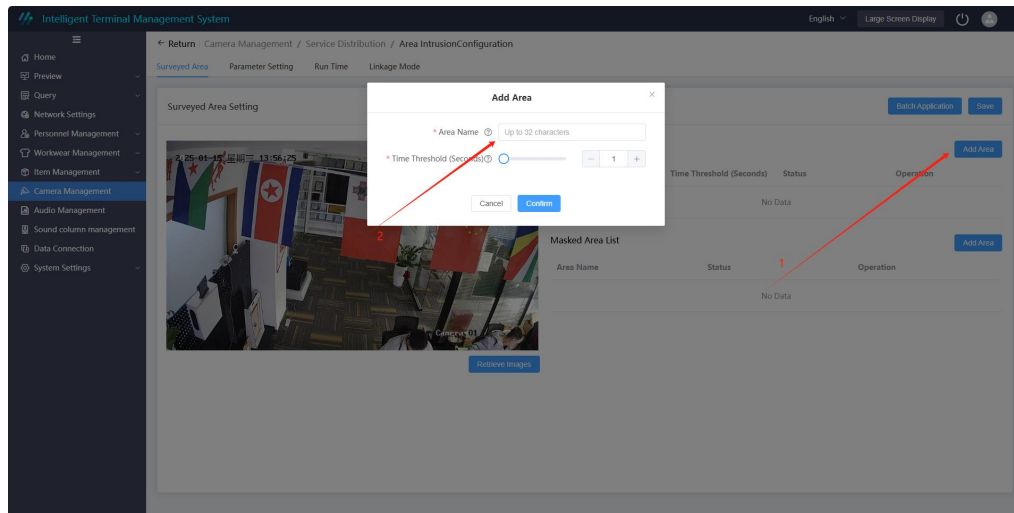
graph 14

Note: If there are multiple face libraries, you need to check the hierarchical comparison.

## 6.3 Behavioral/physical algorithms

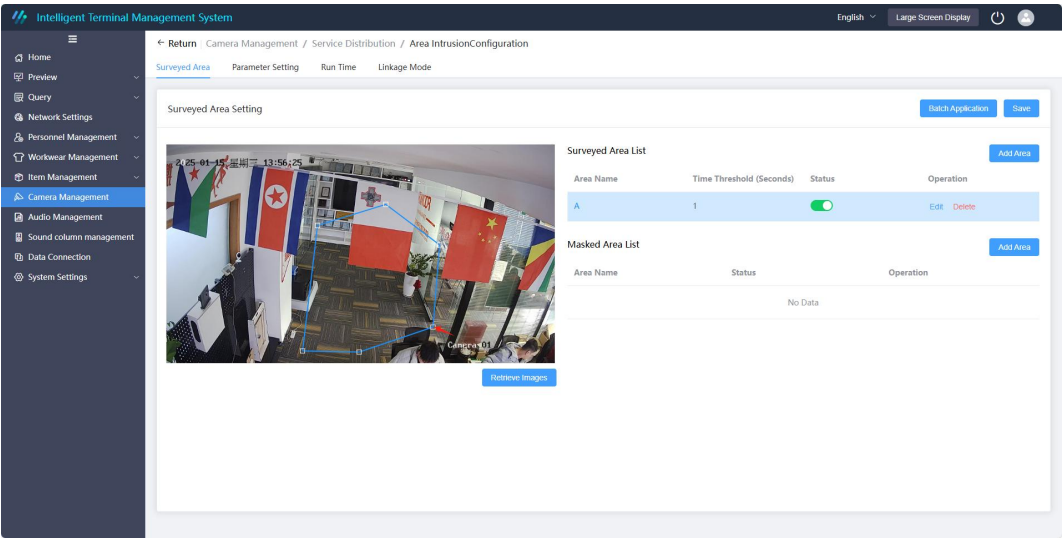
This document illustrates the operation of other algorithms using regional intrusion as an example.

Step 1: Select Camera Management-> Service Allocation-> Area Intrusion-> Settings-> Detection Area List-> New Area-> Fill in the area name-> Save, as shown in Figure 1 5.



graph 15

Step 2: After adding the detection area, draw the detection area and save it, as shown in Figure 1 6. Step 3: Return to the service allocation interface and open the area intrusion service switch.

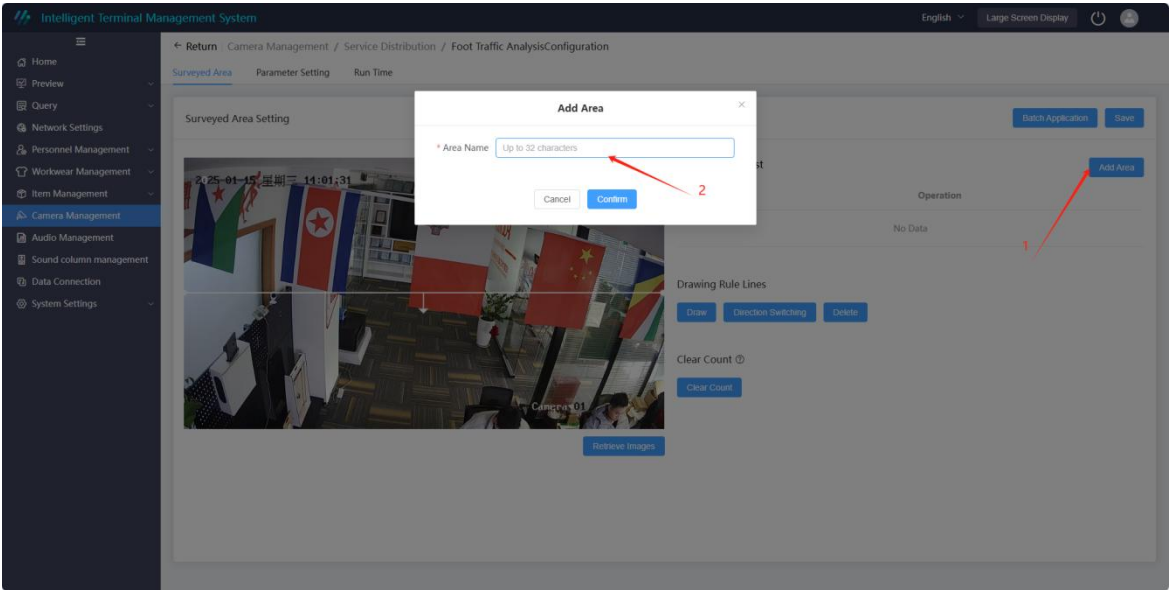


graph 16

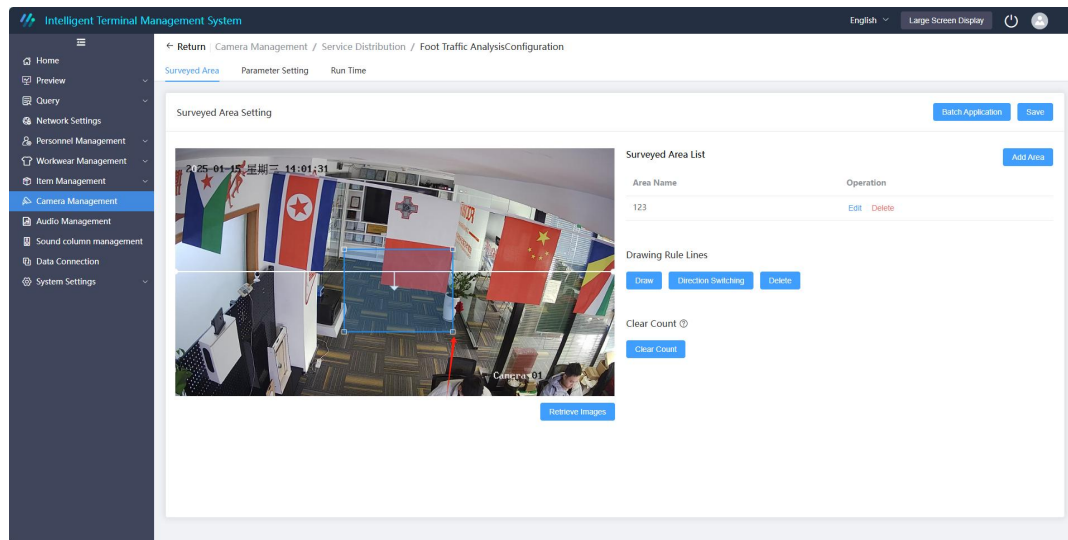
## 6.4 Number of people counted

Step 1: Camera management-> Service allocation-> Number statistics-> Settings-> Add area-> Fill in the area name-> Save, as shown in Figure 16 and Figure 17.

Step 2: Return to the service allocation interface and turn on the number of people statistics service switch.



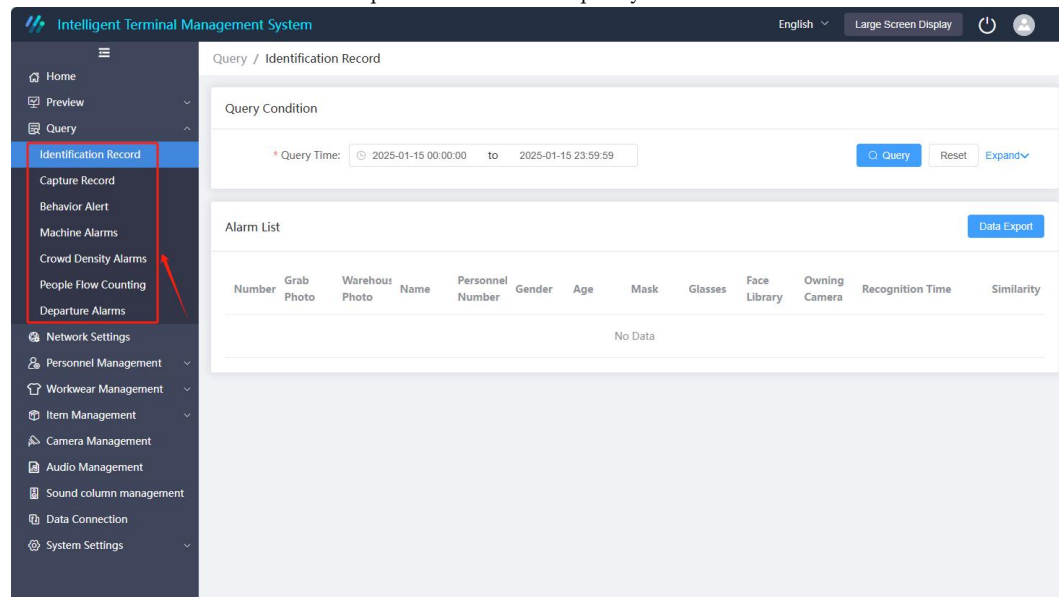
graph 16



graph 17

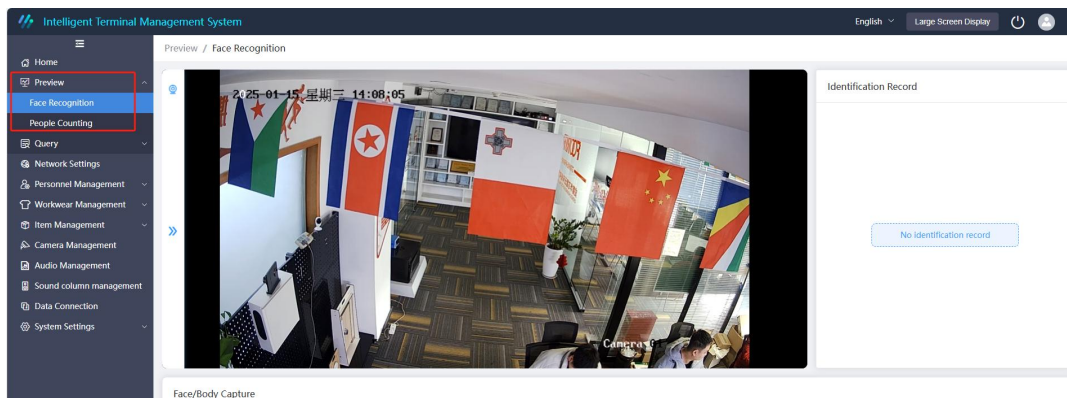
## 7. Alarm query

Alert records can be queried in the query menu.

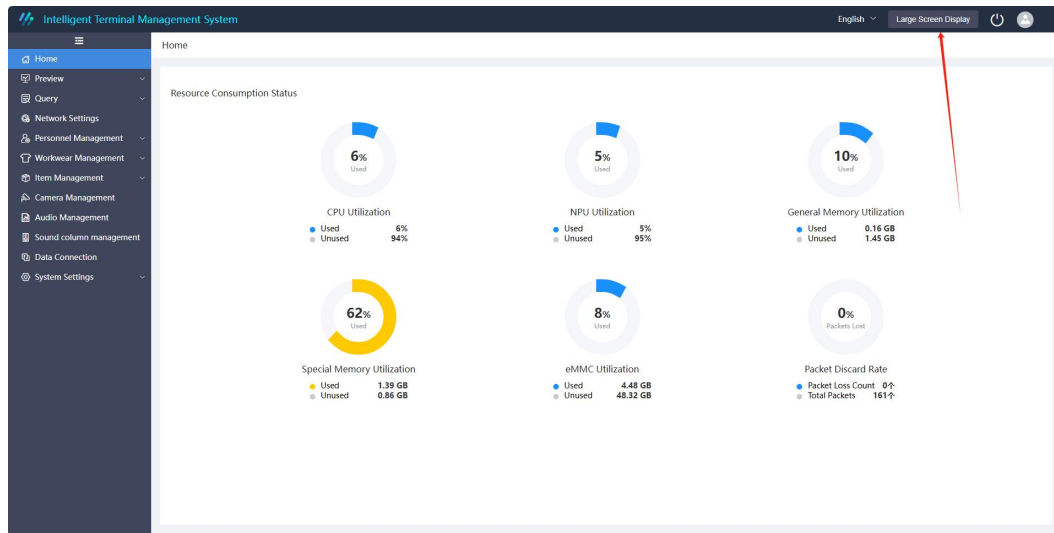


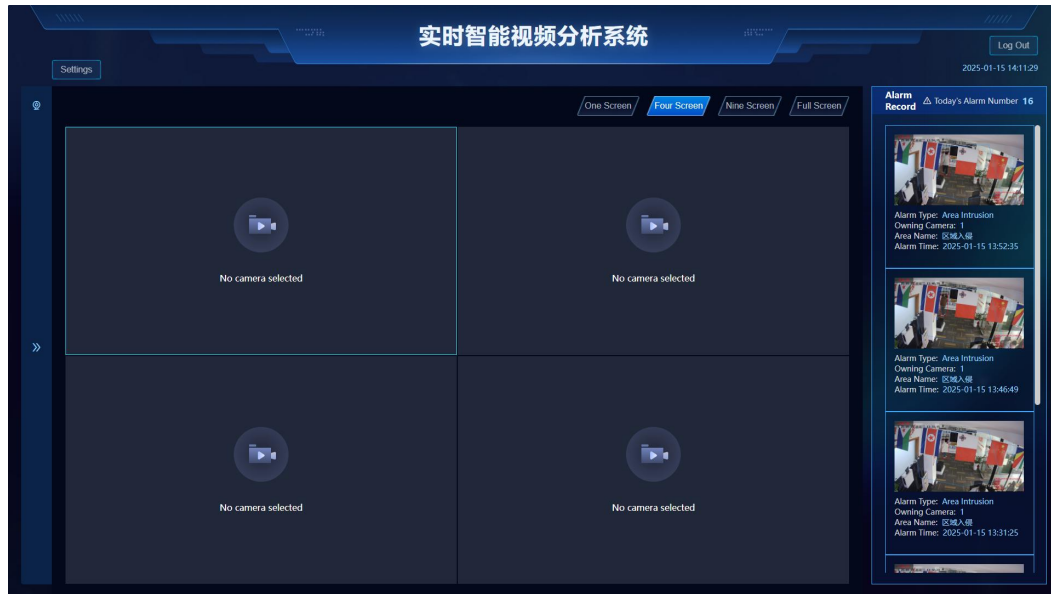
## 8. Large screen display

Face recognition, number counting, crowd statistics can be viewed in the preview menu bar.



Behavioral analysis and machine analysis alerts are displayed in the upper right corner of the interface.





## 9. System Settings

### 9.1 facility information

View device information, resource consumption, service authorization information

### 9.2 Settings Settings

Setting device time: NTP time correction, manual time correction

### 9.3 Storage Settings

Add hard disk initialization, set recycling storage recovery rate

### 9.4 parameter setting

Set the quality of panoramic photos

### 9.5 system maintenance

Restore factory Settings, device log download, device upgrade.