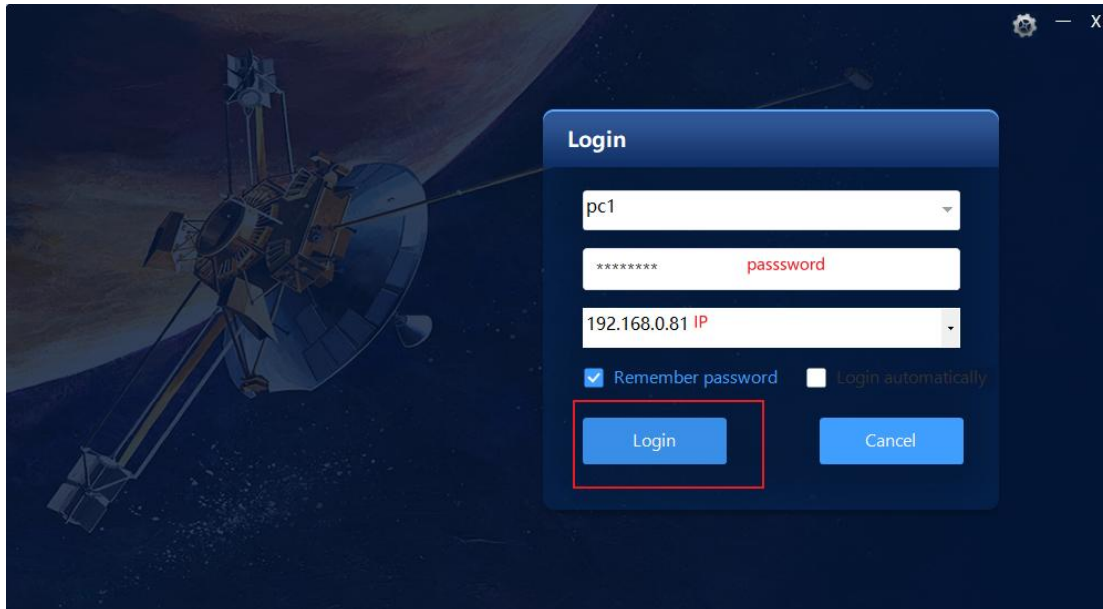# Instructions for using the client side

1：Open the client to enter the following landing page:
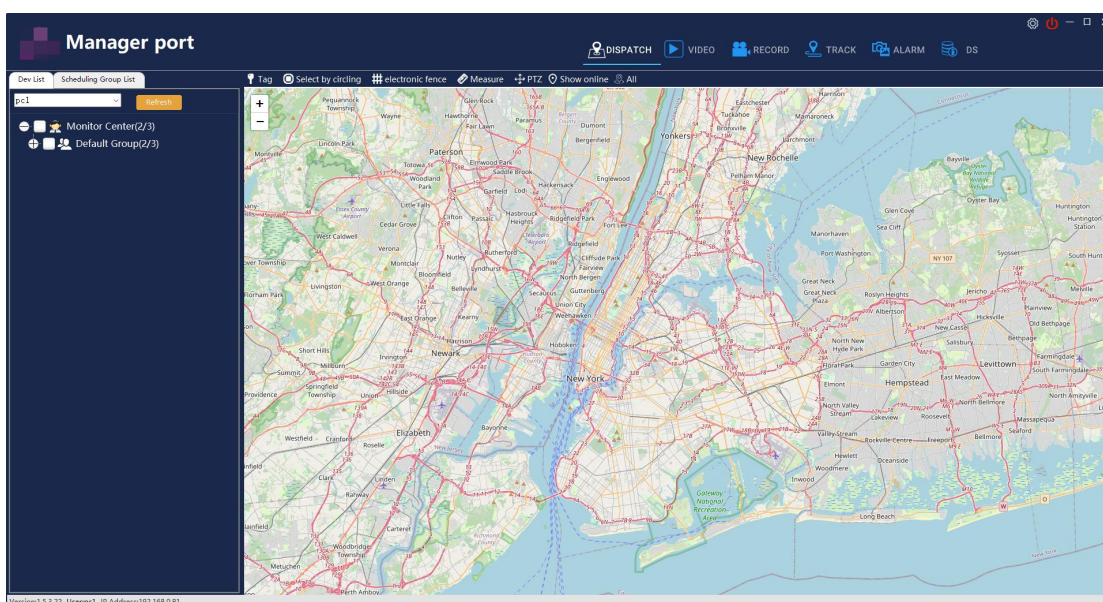

Dispatch desk
  Password
  IP address

2 : The main interface is as follows：

The main interface of the client is mainly divided into six modules: menu and

toolbar, device list, video area, electronic map, electronic fence, and device positioning.

Regional introduction:

Menu and toolbar: located in the upper right corner, divided into command and scheduling （DISPATCH） , real-time preview(VIDEO), file playback(RECORD), track playback(TRACK), alarm list(ALARM), acquisition station(DS), and setting

Equipment list: located on the left, divided into terminal list and scheduling group list

Video area: real-time audio video control area, video segmentation options such as 1,4,6,9,16

Electronic map: the real-time map function based on GIS, support autonavi, Google, Openstreetmap and other types of map selection

Electronic fence: map the electronic fence functional area

Device positioning: located above the electronic map, it is divided to display online device positioning and display all device positioning

2.1 Description of the PC client function module

Terminal list
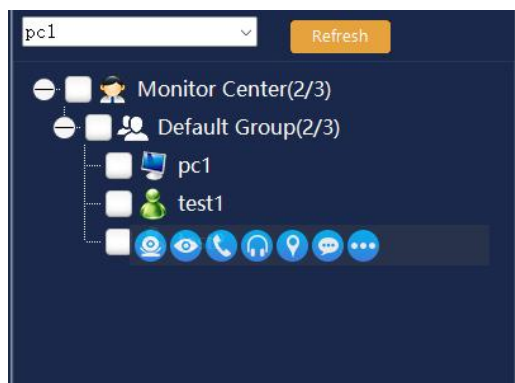
The terminal list function is mainly the information of each monitoring equipment under the current PC end account; where " " PC end, " " For the device side。

PC end: generally refers to the computer end type user name, mainly used as monitoring or scheduling；

Equipment end: generally refers to the law enforcement instrument, mobile phone APP end, car DVR, camera or other equipment。

2.2 Function icon of the device end

The device end is divided into seven ICONS, which are real-time monitoring, video call, audio call, voice monitoring, location information, short message, and more

real time protection：click icon ，A video surveillance window pup，

video call：click icon，A two-way video session window pup for a two-way video session with a front-end device

Audio call：click icon，A window for two-way audio sessions will pop up, allowing front-end devices for two-way audio sessions

Voice listening：click icon，Windows that pop up to monitor real-time audio from front-end devices

GPS fixed position：click icon，The real-time location and device information of the device will be located in the electronic map。

short messaging system：click icon，The message issuing window will pop up,

and can send relevant text information to the front-end device

**more**：click icon，Details of the device will pop up。

2.3 Monitor group scheduling

Group scheduling: In the area of the group, the system provides two quick

**functional entry points, as shown in the figure below**：

Cluster voice： click Icon, you can quickly pull all the members of your

department or your group into the cluster voice intercom temporary group, as

shown in the figure below
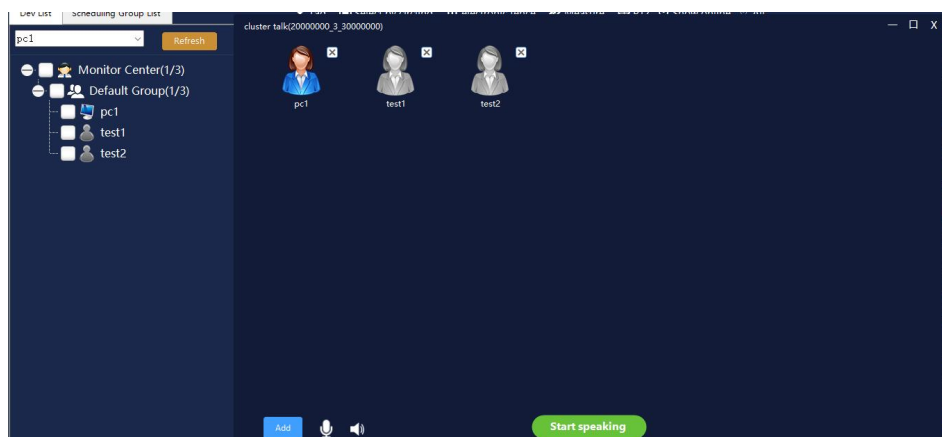
Short message: Click Icon, you can quickly pull all the members of the department or the group into the broadcast message group, and you can see and hear all the members when the computer sends out the text information, as shown in the figure below
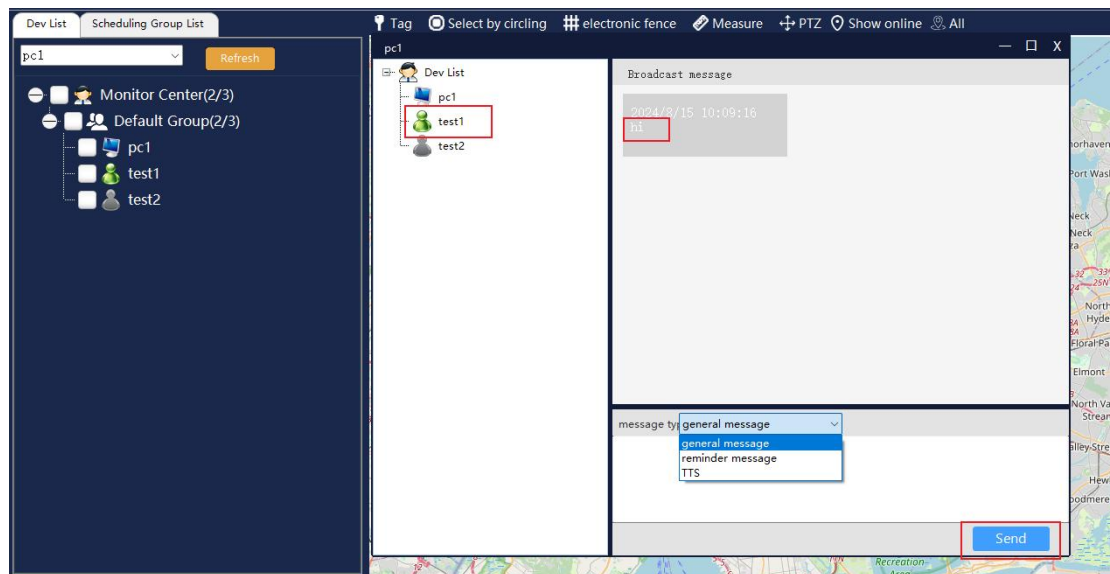
Check function：Select the scheduling group in the list of devices, and conduct cluster intercom, group texting, conference call, voice broadcast, and video conference.as illustrated in following figure:
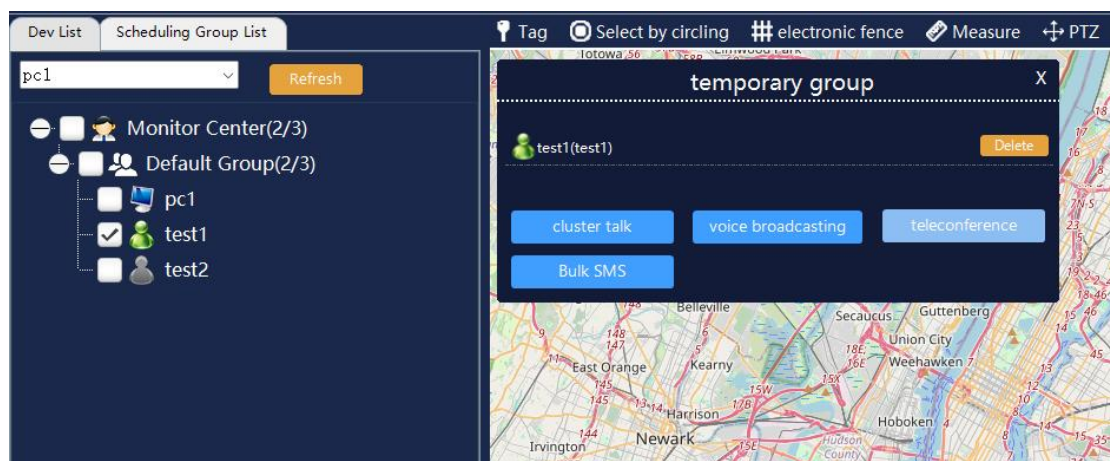
Cluster intercom：Select the relevant device or PC account to be associated, and enter the voice cluster function window, as shown below:
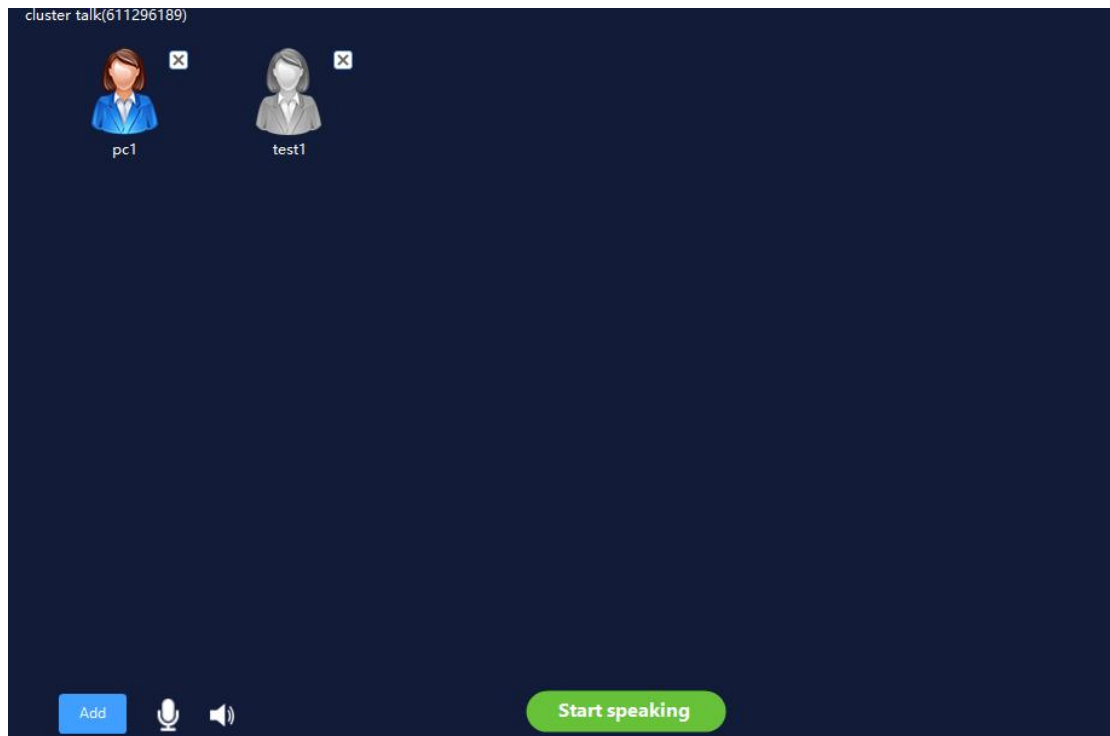
mass texting: Select the relevant device or PC account that needs to be associated,
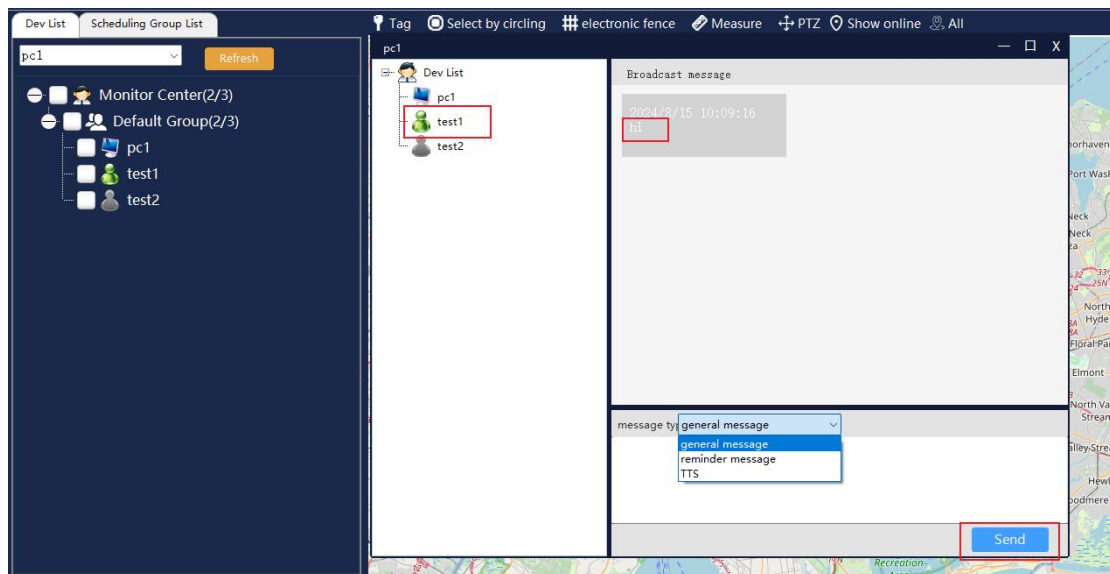
and enter the group message function window, as shown in the figure below:

Voice radio: Select the relevant device or PC account to be associated and enter the

voice broadcast function window.

Video distribution： Click the real-time monitoring function of the device in the

device list, in the pop-up window, you can choose to distribute the video of the current device to the device with the receiving video distribution function, and display the video of this distribution in the receiving device.
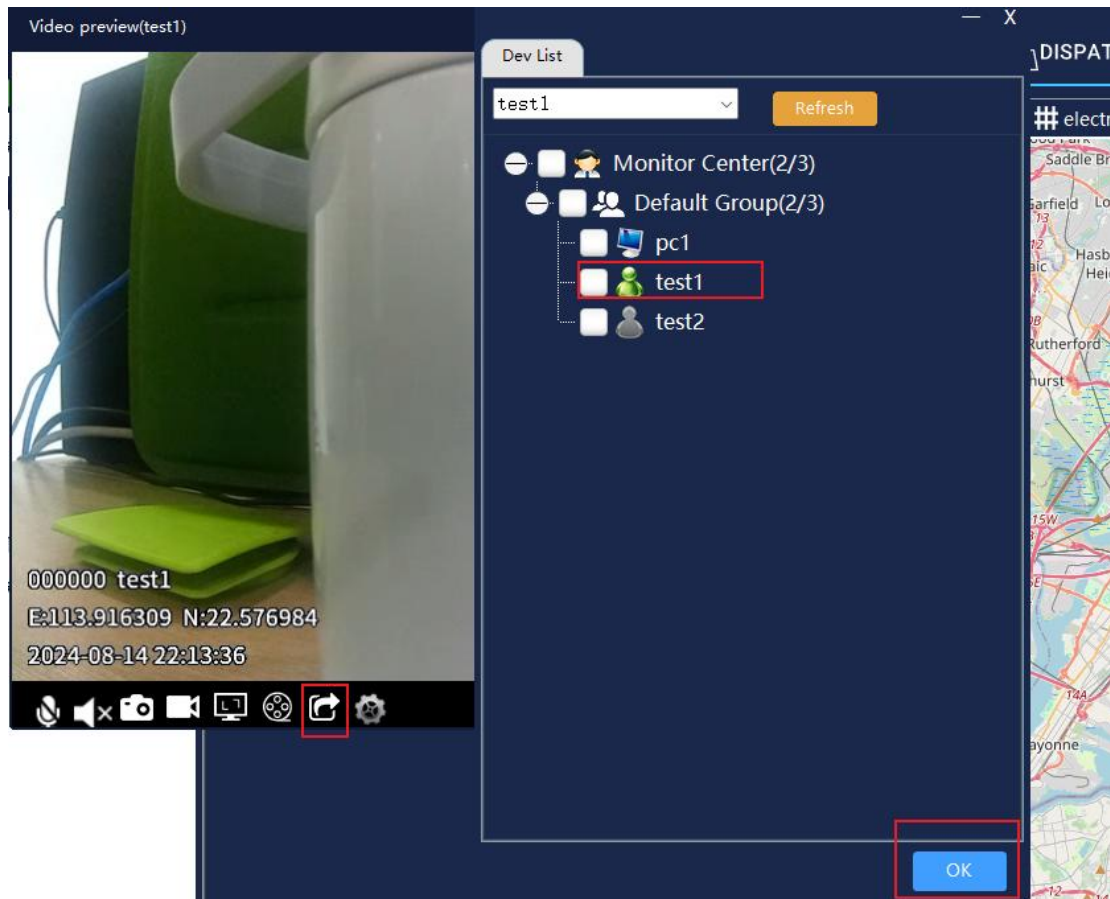
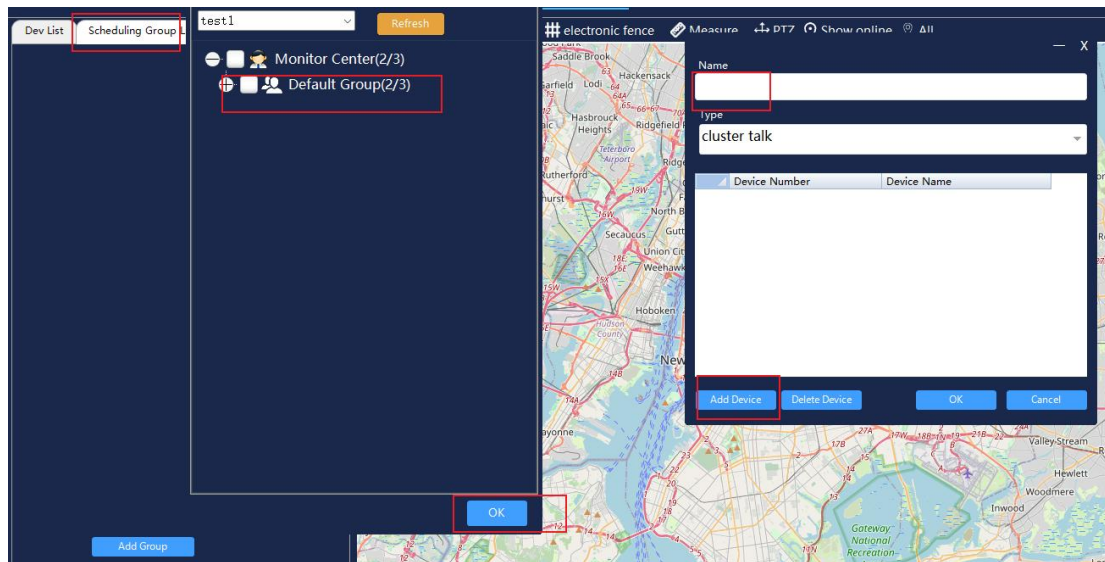**Schedule group list：** In the scheduling group list, you can take devices of different groups across groups through the Add Group function; and you can select the types of Cluster Interphone, Video Conferencing, Conference Call, as shown in the figure below：

electronic map

Real-time positioning

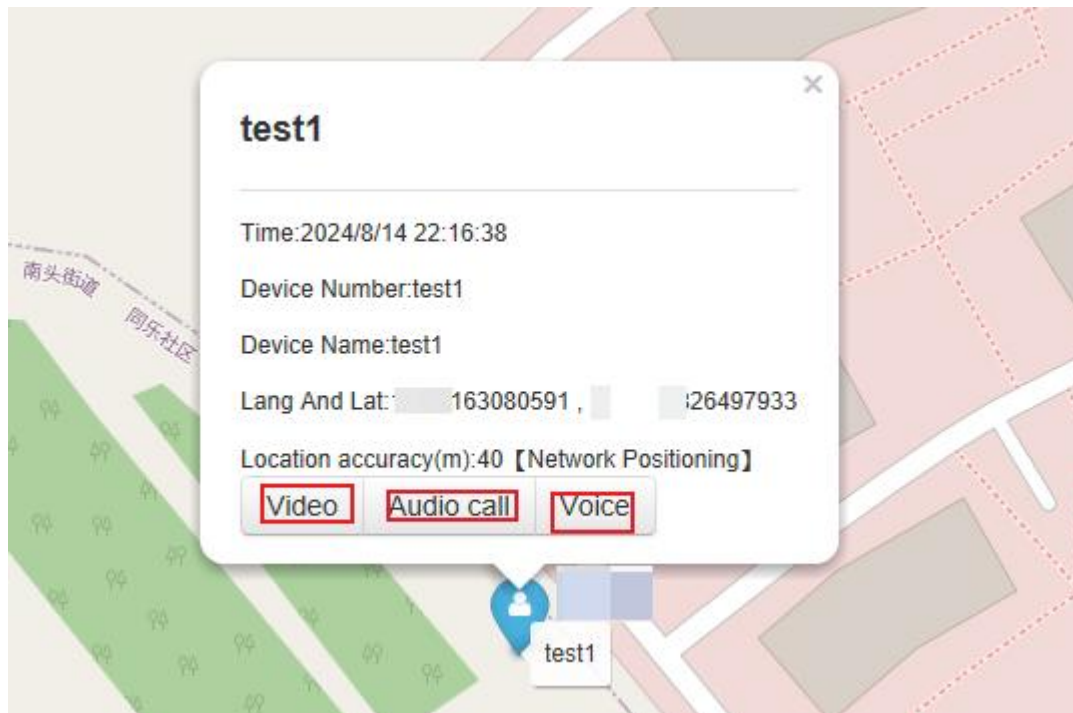On the left page, enter the "Address Book", select a device, click the "Location" icon to view the actual location
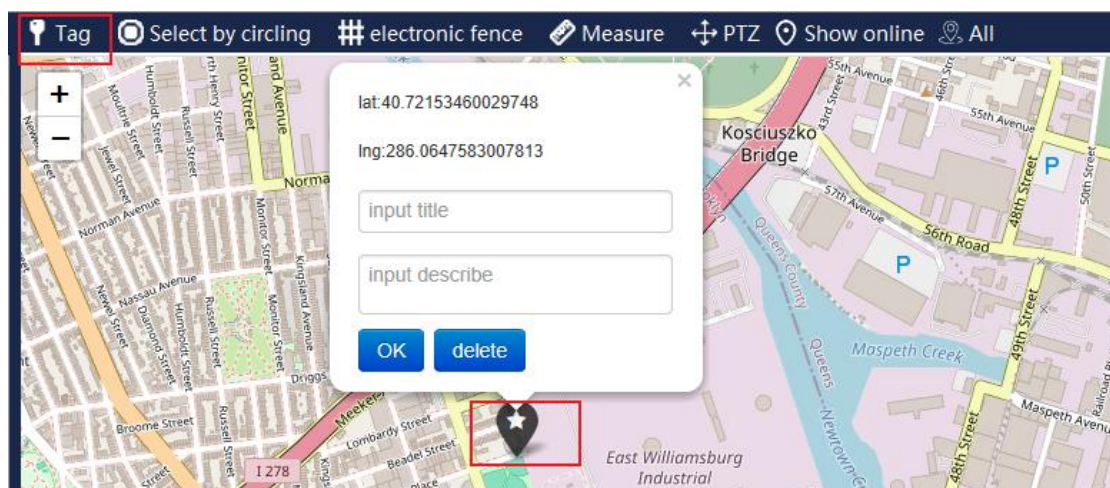

GIS leveling operation
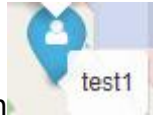
In the map, select the icon for the location , You can directly turn on the video, audio, and real-time monitoring functions。

Label function

Click "label" in the menu bar; set the title and description and click "OK to mark" as shown in the figure below：

Circle selection function

Click the "circle selection" button in the menu bar. After selecting the device through the mouse circle, the system will automatically gather the members in the area and form a temporary schedule. The dispatcher can select the corresponding functions according to the requirements, as shown in the figure below：
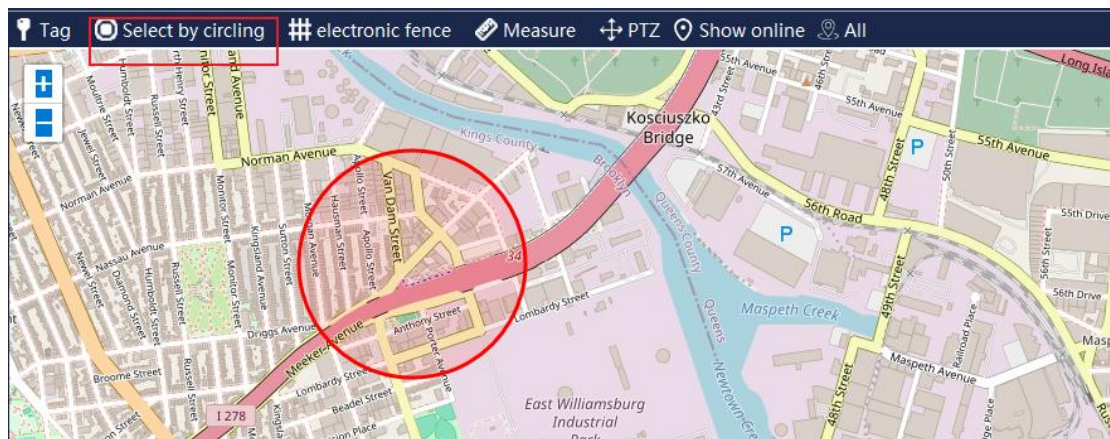
Electronic fence function

Click the "Electronic fence" button in the menu bar, then select "Create electronic fence", draw the area on the electronic map through the mouse, double click to end the drawing, you can add the device to the electronic fence function.as illustrated in following figure。
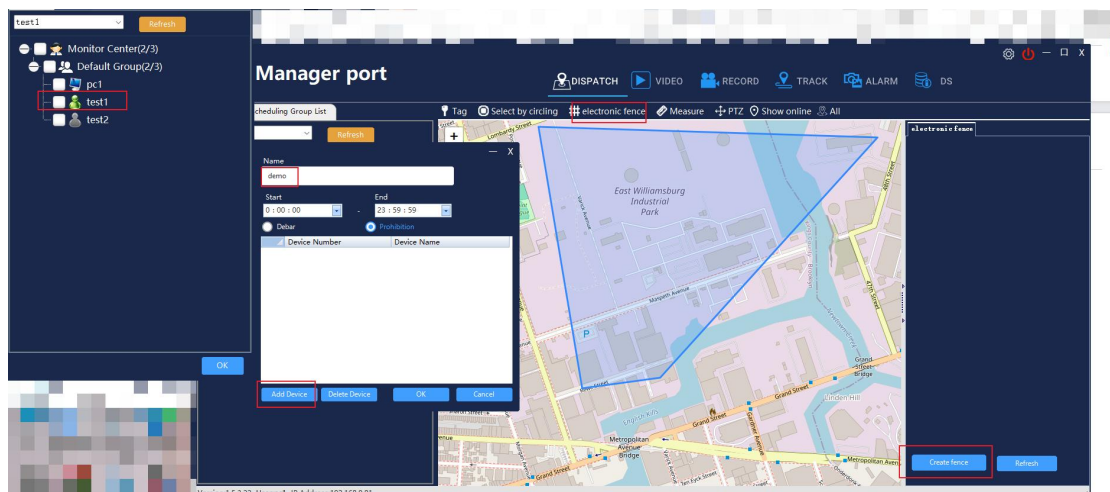
Measurement function

Click the "Measure" button in the menu bar, click OK the starting point and end point, and double-click the end to measure the distance between the two locations online, as shown in the figure below。

Equipment positioning
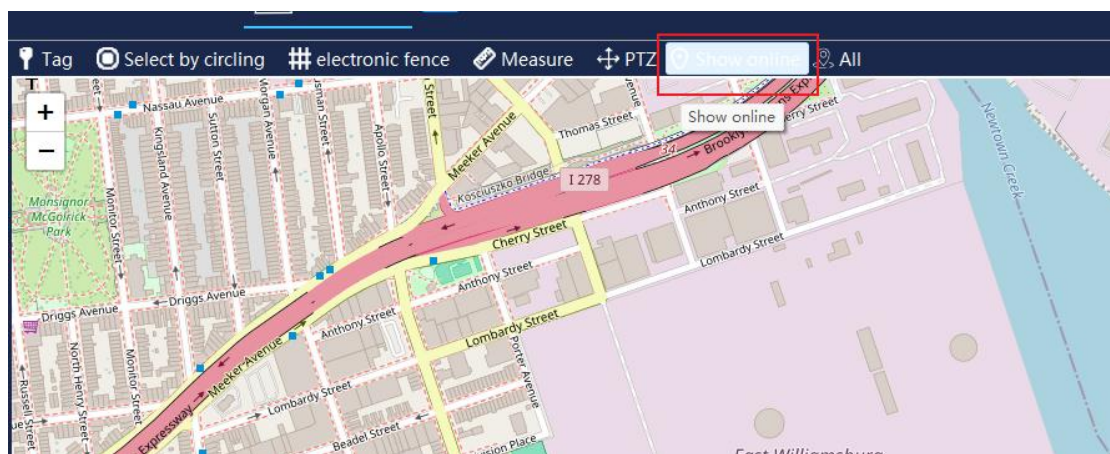
Click the "Display Online" button in the menu bar to display the position of the online device. Click the "All" button to display the position of all the devices, as shown in the figure below。

Real-time preview

Click the "Account Opening Real-time monitoring" button of the device in the device list to conduct a real-time video preview in the video window. Users can also open the channel video of the specified device in the specified Video Preview window, and select a channel to drag it to a specified window for preview. As shown

in the figure below：
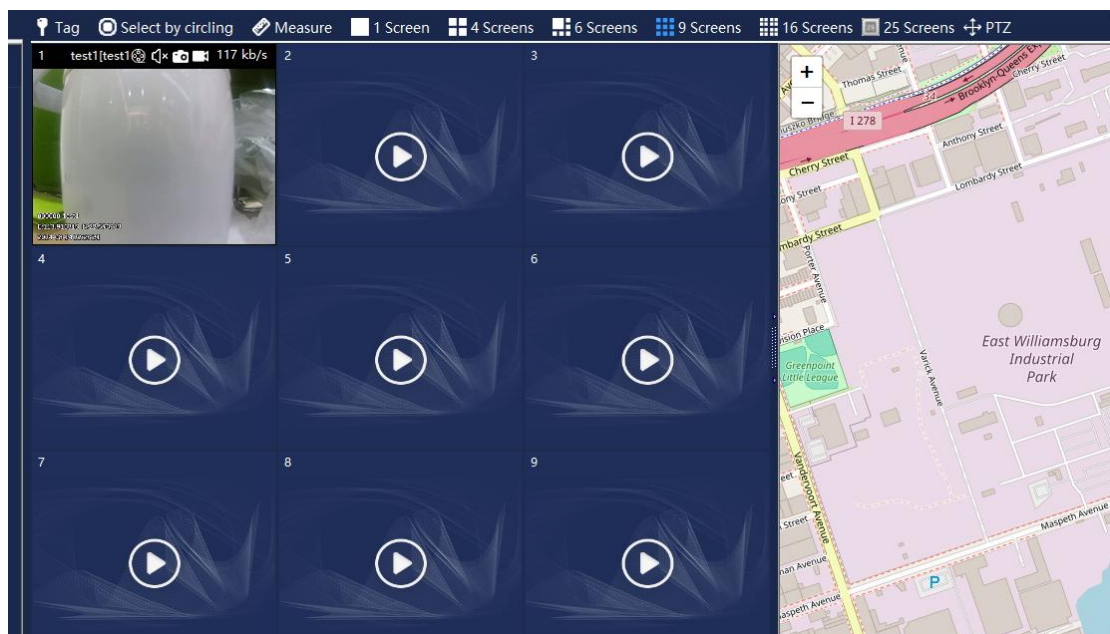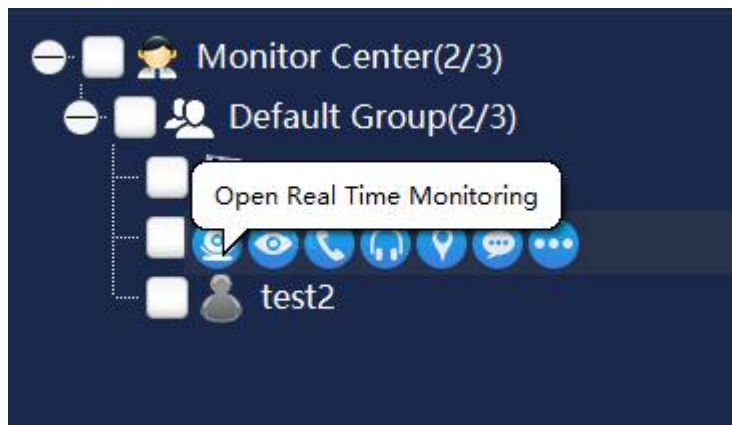
Video form toolbar introduction：

Video window mode 1,4,6,9,16 Five common window types are choices。

Video form function introduction：

Users can click on the video window and press the right mouse button to appear

the function items as shown in the figure above。

 close： Close the current video

Close all： All Windows and Other Windows are both optional

Image capture： The real-time image of this video form can be captured, clickButton can also implement this function

 window： Video window mode1, 4, 6, 7, 8, 9, 10, 13, 16 selectable; optional; choosable

Show the proportion： "Spread with screen "and" original scale " two optional。

 full screen： This video form can be played in full screen。

Hidden title： The title of this video form can be displayed or hidden。

Video quality： clickButton, can be selected "good real-time sex" or "good fluency"

volume switch: clickButton to switch on the volume of the video

Video video： clickButton，You can start recording the video, and click again to end the video recording

File playback

After clicking on "File Playback" at the top of the client, the interface is as follows：

The file playback function is divided into three types: server cloud video, PC client computer local video and device video playback, and adopts the form of "thumbnail" by default. Users can choose the form of display according to their preferences (in the blank space, the right mouse button selects the "File View" function)。
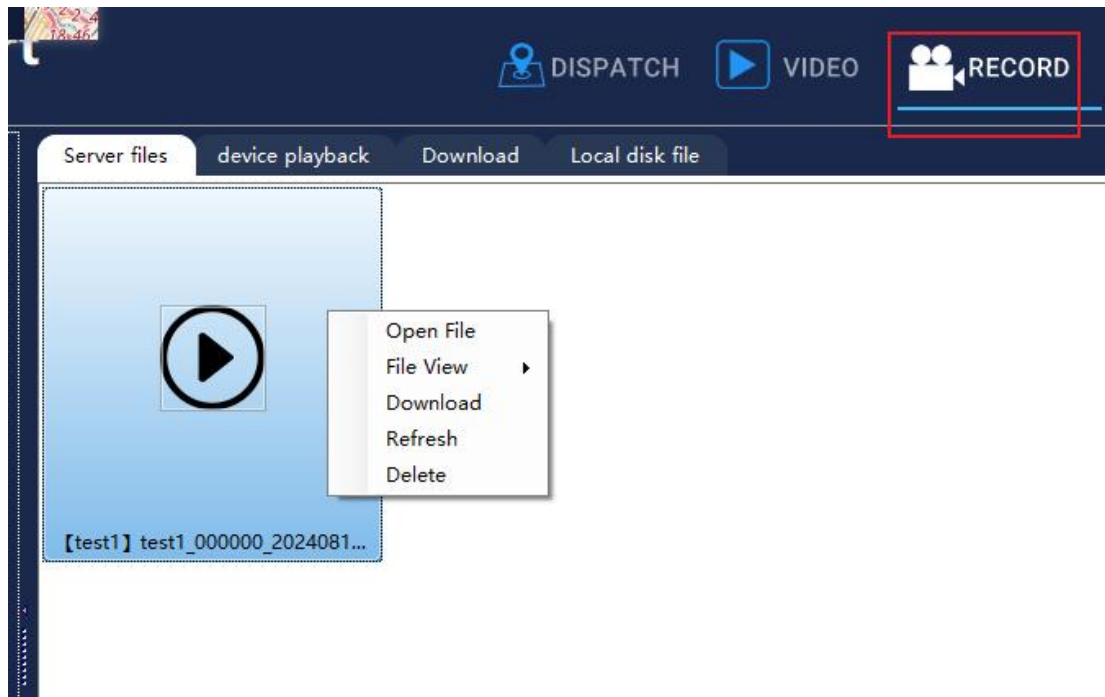
➢ File location

Storage server：Server cloud video and PC client computer side Ben video stored files

end instrument: Storage files for each device

➢ file type

video：Video file

audio： audio file

picture：Storage of pictures

➢ keynote

➢ According to the importance of the document, it is divided into two types of common and key labels

➢ keywords

Ffile can be searched by keyword

Playback of the server video recording：

Click the video file in the "Server File" to play the video (with the corresponding GPS track information)，

Replay of the device video recording：
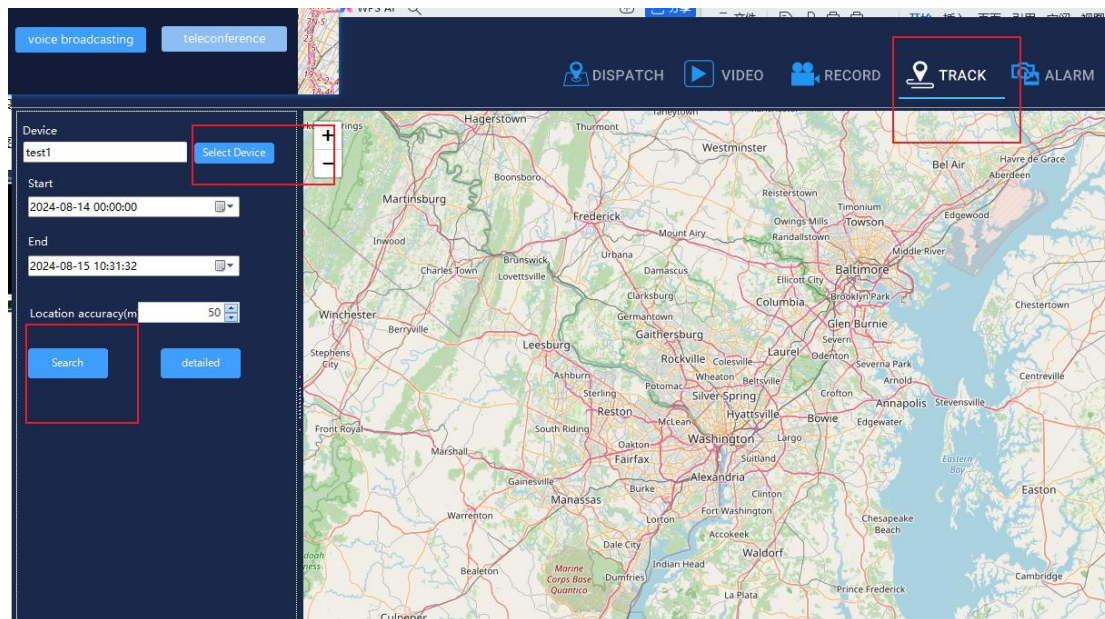
Select the terminal, select the file location as the terminal device, click search, and you can play it in the "device video file" (with the corresponding GPS track information), as shown in the figure below。
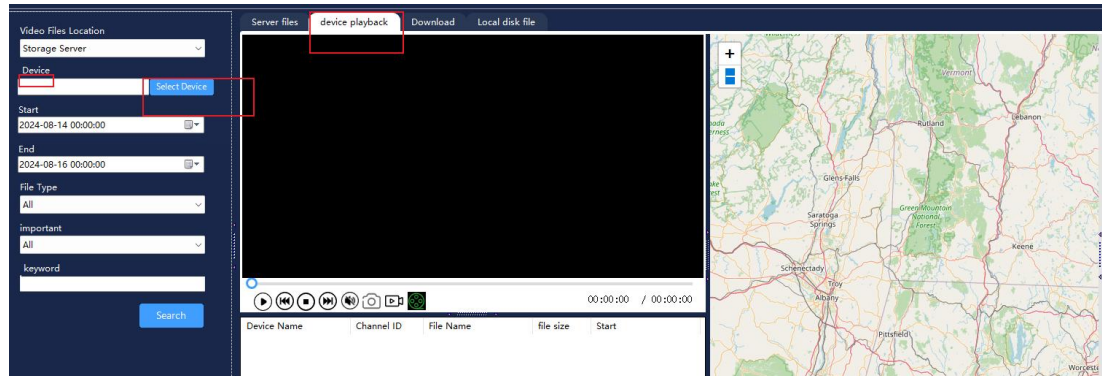
 replaying of historical running data

Users can specify the device to track search according to the specified conditions, and control the speed of track playback。

Alarm list

Click the "Alarm List" at the top of the client to view the alarm information of the

relevant terminals. The interface is as follows。
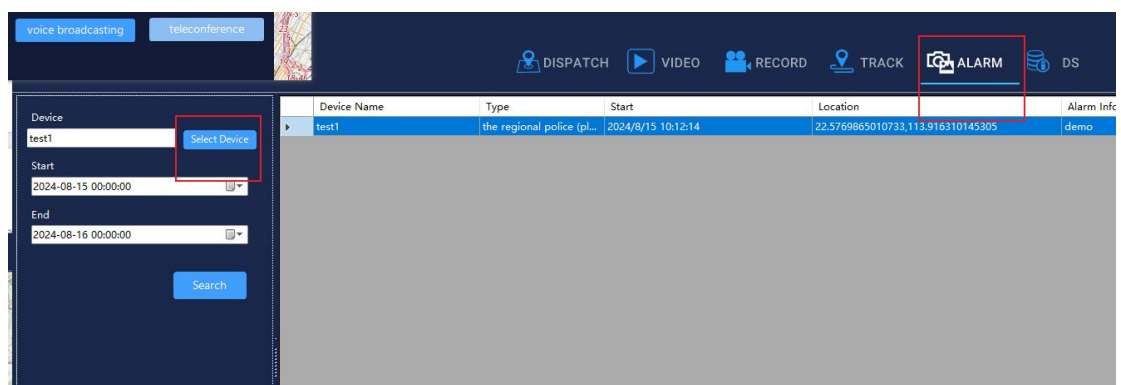
The front-end device triggers the SOS alarm function, which can display the

current location of the alarm device in real time, and pop up the current device

real-time video scene

DS

After clicking the "DS" at the top of the client, the interface is as follows：

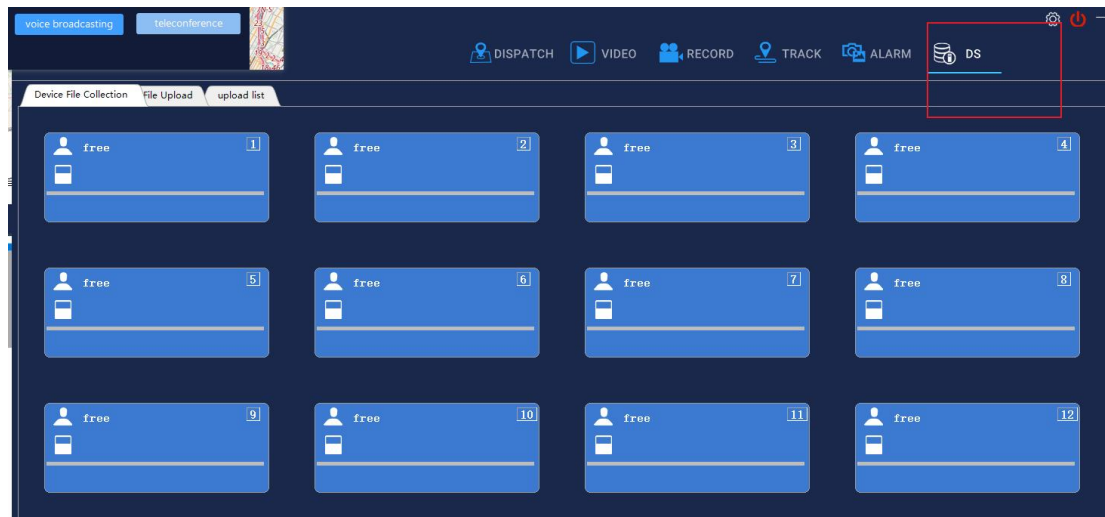**Document collection**：The video, audio and pictures in the TF card of the front-end hardware device can be automatically collected to the client computer end or the cloud server, and the collection progress can be displayed。

 battery status：The current power of the terminal hardware can be displayed and the terminal hardware can be charged。

The device name is displayed：You can display the ID number of the current device。

**File view**：You can replay the uploaded audio, video and pictures through the "file view" function。

FTP serve：FTP servers can be opened for AWS, Ali Cloud, Microsoft Cloud and other servers, and the current hardware files can be directly uploaded to the cloud and provide playback function。

2.4 other

Click the " " button in the upper right corner, and the following window can pop up：
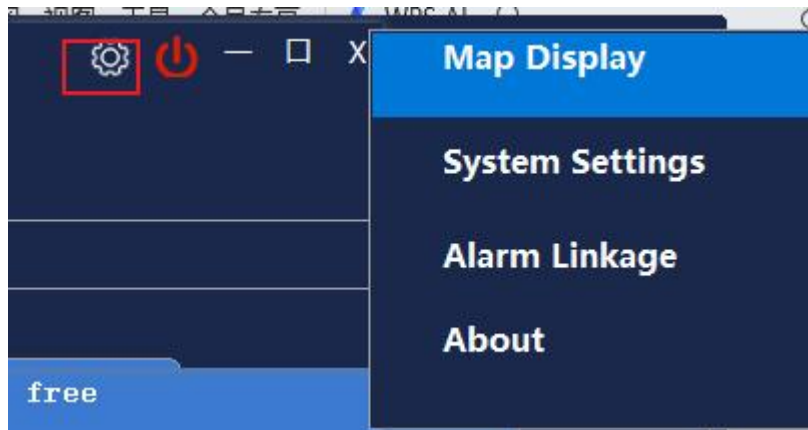
map display：To set the equipment name, equipment number, longitude, network, GPS time, status, position and speed

System Settings： as following picture shows

Client name	Manager port	
Language	English	⌄

docking Station file path

C:\DevSource\AllDevices   Browse

video length   30 ⬍   Unit:Minute

Video preview Real Good   ⌄

DS

total rows   total columns

3 ⬍   4 ⬍   ☐ Auto upload   ☐ Delete file after upload

☐ USB mode on

Map configuration

Default level   13 ⬍

Map level   3 ⬍ - 18 ⬍

Center point (longitude) 14.04598236084   Center point (latitude) 2.5442693207796

☐ Enable offline map

Offline map url   http://$ip:7712/offlineMap/{z}/{x}/{y}.png

Default request video   Sub-Stream   ⌄

Default video c   9 ⬍   Video buffe   6 ⬍

☑ Whether real-time video will pop up for alarm

☐ video raw scale display

☐ real time video automatic recording

☐ Enable echo cancellation

OK

Alarm linkage: to handle the alarm information

About: You can view the current client version