VIS Patrol Visual Monitoring System

User Manual(V1.0.0)

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Version change content description			
Serial number	**Version number**	**Changes**	**Date**
1	V1.0.0	Initial release	2024.07.01

Contents

1. Overview

VIS Patrol Visual monitoring system is a PC-side comprehensive security application software used in conjunction with visual monitoring equipment. It has functions such as device management, video preview, playback review, alarm management, infrared temperature measurement management, electronic map , user rights management and so on . Facing small and medium-sized video surveillance application scenarios, it is simple to deploy and easy to operate, meeting basic visual surveillance and management requirements.

2. Description of system requirements

The computer running the software should meet the corresponding performance requirements. Specific requirements depend on how the software is used, for example, previewing multiple videos at the same time and configuring alarm monitoring, which requires a higher hardware configuration. The following is a list of the minimum computer configurations:

Operating system	win7, win10(recommended), win11, 64-bit system
CPU	Intel(R) Core(TM) i5-9500@3.00GHz and above
Memory	8GB and above
Disk	200GB and above
Network card	Gigabit network card
Monitor	Super VGA (1024 x 768) monitor (or higher resolution)
Other	Output audio

Note: Currently the software is only available in windows 64-bit version.

3. Install and start the software

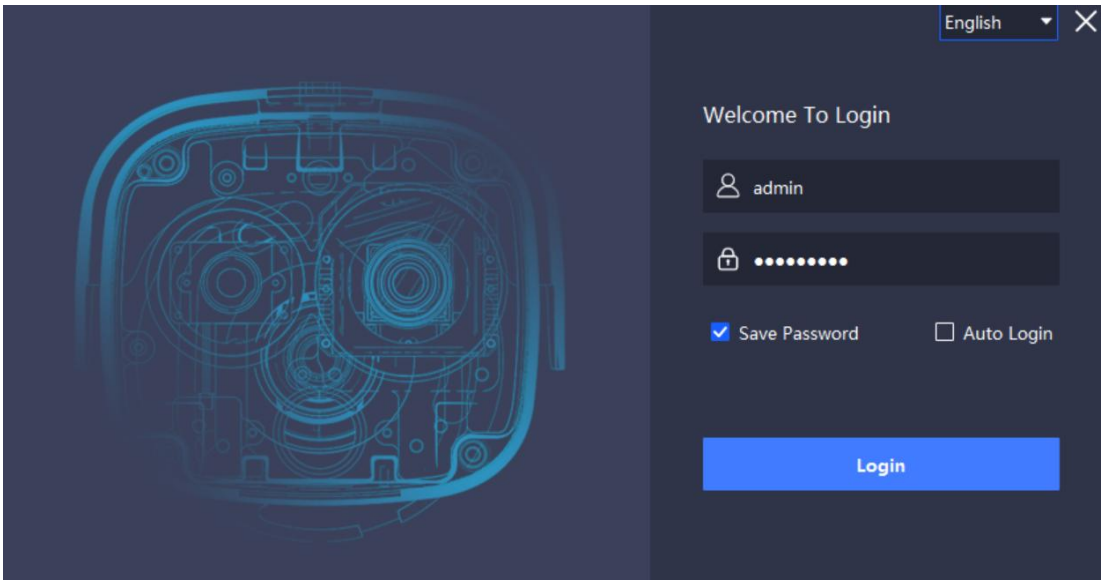
1. Double-click the software installation package exe file, run the installer, and follow the wizard to complete the installation.

2. After the installation is complete, double-click the desktop software program icon 

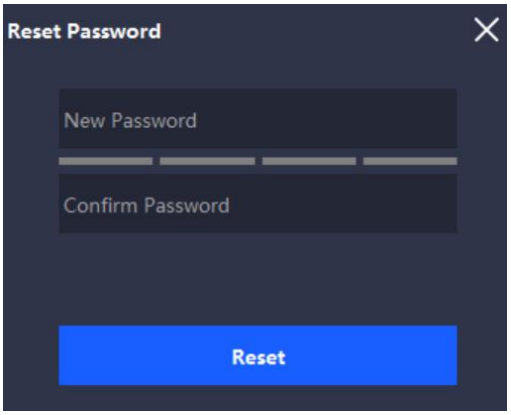
to access the "Visual Monitoring System" login page.

Note: Please contact our technical support personnel for the latest software installation package file.

4. Login



The initial user name and password are admin and admin. You must reset the password in the following dialog box that is displayed after the first successful login. The new password must be 8 to 18 characters in length and contain at least two combinations of digits, letters, and special characters.



After the reset, the main window of the software is displayed.

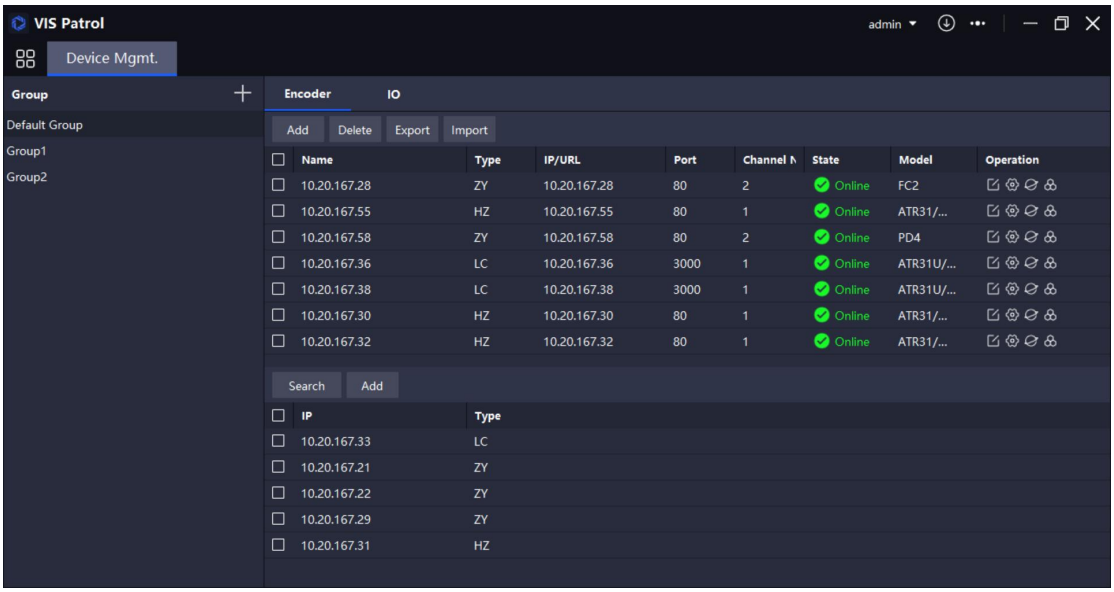
On the login page, there are two function items: "Save Password" and "Automatic login".

- Save your password. After checking, when the login is successful, the software will automatically save the account password or update the previously saved account password information.

The next time you log in, the software will automatically fill in the saved account and password and log in automatically.

- Automatic login. After being checked, the next time you double-click the desktop software icon, if the account and password of the last successful login have been recorded in the software, the login page will not be displayed and the main program interface will be directly entered.

5. Device Management

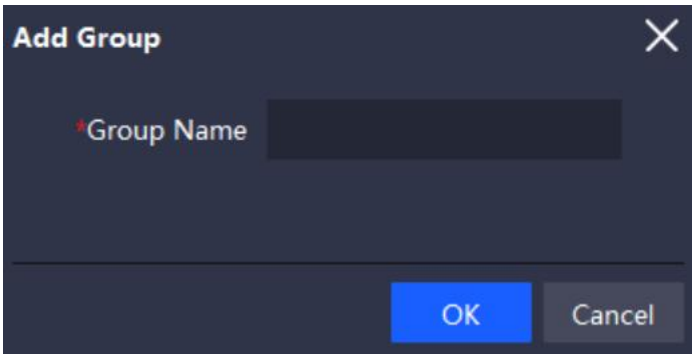


This function can be used as a device management account, unified docking, and management of encoding devices (IPC) and IO linkage devices in the access software. Device resources used in other modules of the software need to be added and configured here first.

5.1 Group Management

Manage and maintain the group information to which devices belong.

Enter the [Device Management] page, click the button in the group column, and the Add "Group" information window will pop up, fill in the group name, and click the "OK" button to add the group;



The left mouse button click on a group, the right side of the group name display "edit" and" delete" two function icons.

Click the "Edit" icon to modify the group name in the pop-up window; After clicking the "Delete" icon, if there is no device under the group, you can delete the empty group, if there is a device, you need to manually delete the device first.

Note: If there are devices under the group, you must delete all devices before you can delete the group.

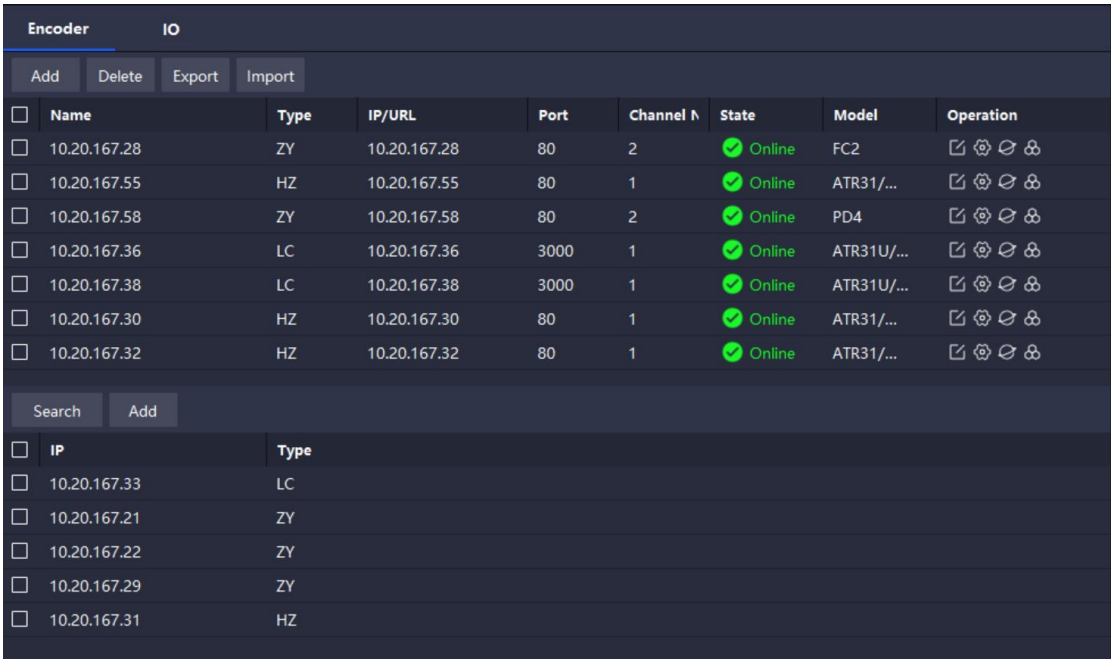
5.2 Device Management

It includes two sub-modules: coding device (IPC) management and IO device management. The coding device module can access and manage the specified type of IPC and IPC devices that support onvif protocol. The IO device module supports MOXA and TAS at present.

At present, the following types of IPC equipment are supported:

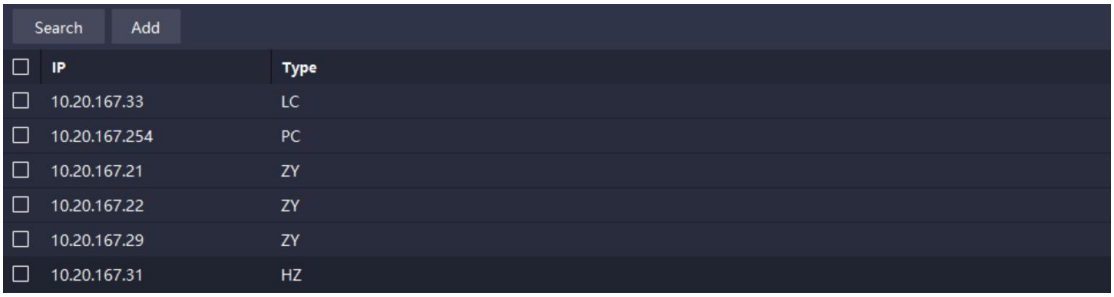
Type of equipment	Specific equipment model
LC	ATR31U/ATR61U
PC	FC435T/FC465T、FC430A/FC460A PC2、PC4、PC4-OPT、PC4-THM、PC6、PC6-OPT、PC6-THM、PC8 PD8-THM TE300、TE400
OPT	PD8-OPT
HZ	ATR31/ATR61
ZY	TN430/TN460、FC2、FC1B、FC1C、PC5、PD2、PD4

5.2.1 Encoding device



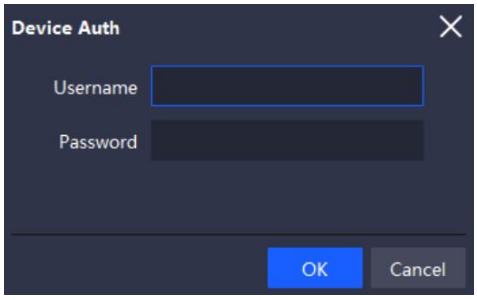
Note: The software supports access to a maximum of 32 IPC devices, including all grouped, online and offline devices.

5.2.1.1 Searching for and Adding Devices



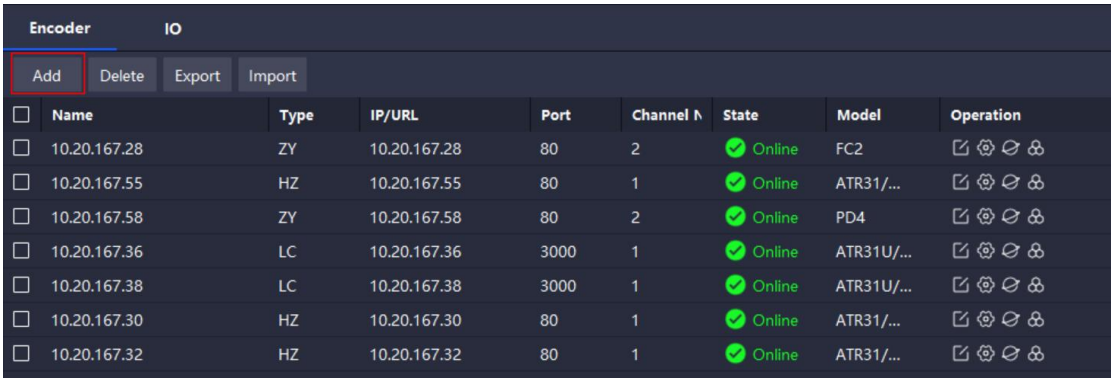
After clicking the "Online Search" button, the software will automatically search for our company's IPC devices that have been connected to the software and other IPC devices that support onvif protocol within the LAN.

After selecting the device to be added, click the "Add" button, enter the user name and password of the device in the pop-up window, and the software will add the device to the device management list above and automatically connect with the device.

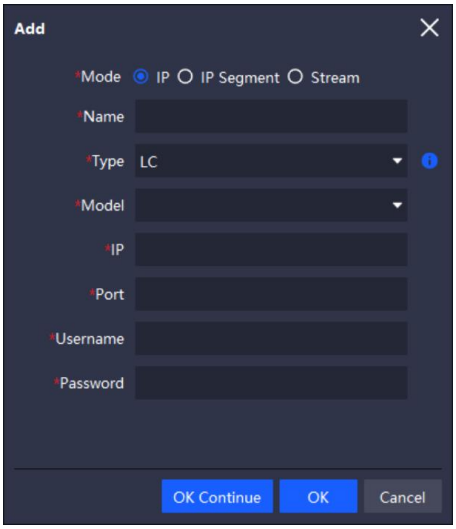


Multiple devices can be selected and added at a time. The software uses the entered user name and password for device login by default. If the login fails, you can change the user name and password in the device management list and connect to the device again.

5.2.1.2 Manually Add a Device



Click the "Add" button above the device management list. In the following window that pops up, maintain the device information to be added. You can also add the device to the device management list.



In the popup window above, there are three modes of adding: IP, IP segment, and stream.

① IP mode: Only one device with a specified IP address can be added to the management list at a time.

② IP segment: Multiple devices in a continuous IP segment can be added to the management list each time, including devices with start IP address and end IP address;

③ Stream: Add a certain RTSP stream information to the management list, which is mostly used to test video streams.

Note:

1）You need to determine the type of device to be added before adding the device. Float the mouse cursor over the icon to the right of the "Type" field, and query the device type corresponding to the device to be added in the displayed floating window.

LC	ATR31U/ATR61U
PC	FC430A/FC460A FC435T/FC465T PC2 PC4 PC4-OPT PC4-THM PC6 PC6-OPT PC6-THM PC8 PD8-THM TE300 TE400
OPT	PD8-OPT
HZ	ATR31/ATR61
ZY	FC1B FC1C FC2 PC5 PD2 PD4 TN430/TN460
ONVIF	ONVIF

2） After a device type is selected, the device models contained in the Model field are automatically filtered from the drop-down list.

3）If the device type is LC , the default port number is 3000, the default user name is 888888, and the default password is 888888.

For other devices, the default port is 80, the default user name is admin, and the default password is admin123.

4）The stream mode is only used for real-time preview. If you need to use the stream mode, contact technical support personnel for the RTSP flow address corresponding to the device.

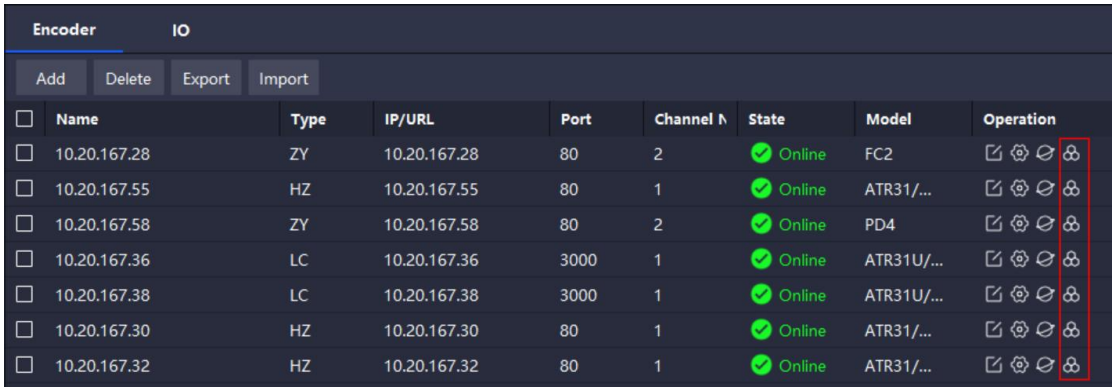
5）It is necessary to specify the specific model of the device in the list of encoding devices. For devices whose model number and channel number are "unknown", the device will not be visible in other modules.

5.2.1.3 Device Ability Configuration

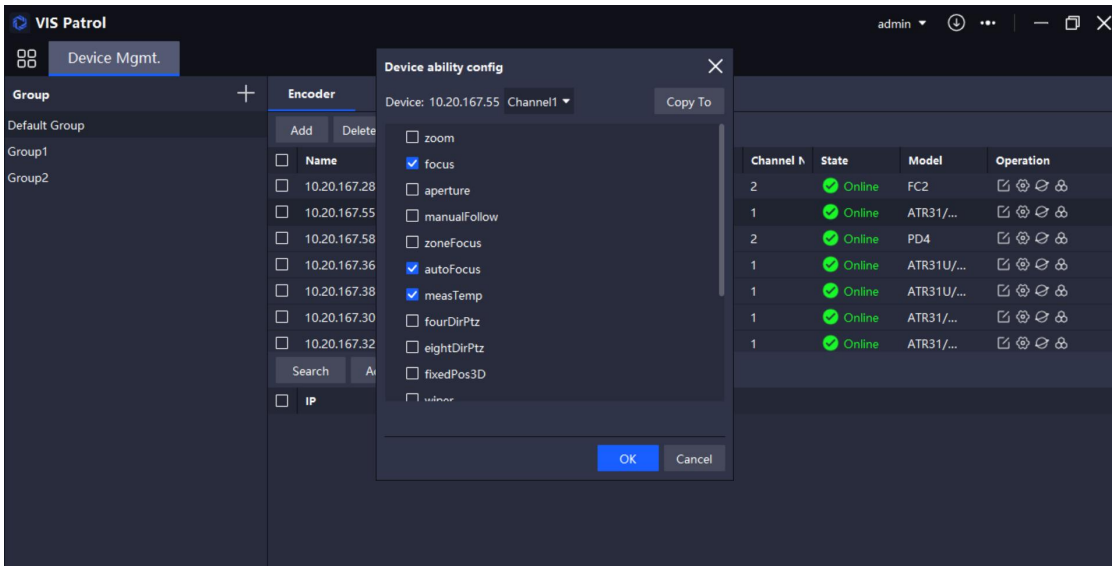
1.Device default abilities

For the benchmark models currently on sale, there is a default ability set table. Please configure according to customization and external peripherals. All other models are selected by default.

2.Configuration method



Click the icon to open the configuration interface, switch channels, check abilities, and confirm to take effect.

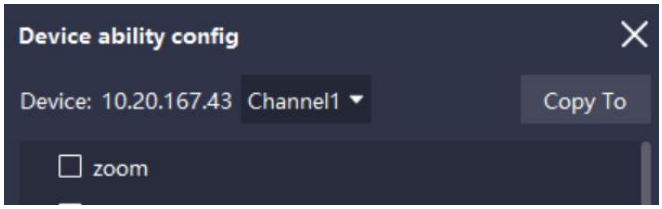


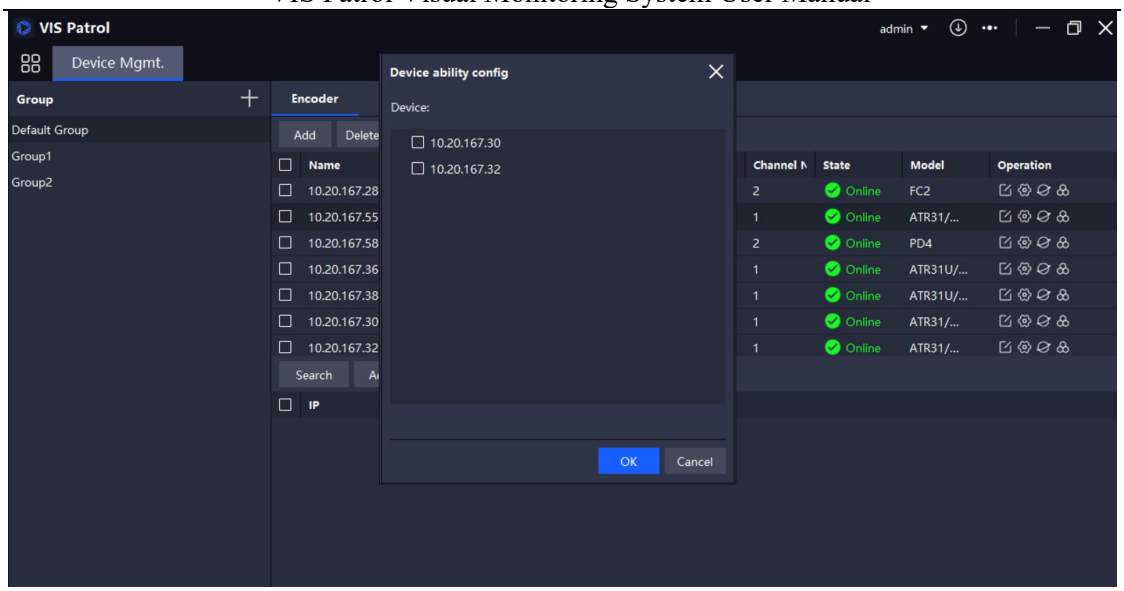
Note: Due to the ability to follow the preview channel changes, multi-channel devices need to be configured separately.

① Taking PTZ products as an example, PTZ functionality needs to be configured in both channels, while features unique to visible light such as defog and features unique to infrared light such as temperature measurement only need to be configured in this channel.

② In general, Channel 1 is for visible light, and Channel 2 is for infrared light.

3. Clicking "Copy to" will copy the ability set of this device to other devices of the same type.





5.2.1.4 Other Device Management

1. Delete devices

After selecting one or more devices in the list of devices, click the "Delete" button at the top to delete devices from the administrative list.

Note: Devices cannot be deleted in the following cases:

① **The device is configured with alarm rules;**

② **The device is configured with a video plan;**

When the above situation occurs, the system will give a prompt, need to cancel the alarm rules or cancel the video plan, and then can be deleted.

2. Edit your device

Click the Edit button in the operation column of a device record in the device management list.

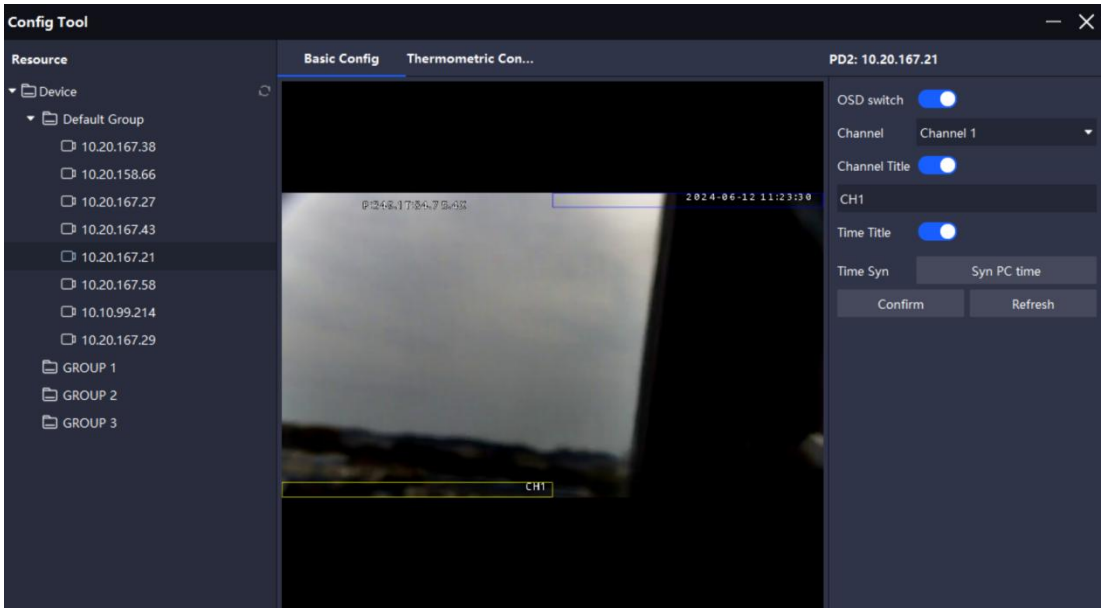
In the pop-up edit window, modify the device information. After clicking the "OK" button, if the device is not successfully connected before, it will automatically reconnect again.

Note: The device model can only be maintained once. If you want to change the maintained device model, you need to delete it and add it again.

3. Device Configuration (Local configuration)

Note: Devices of OPT and ONVIF do not support the "Device configuration" function.

Click the device configuration button in the operation column of a device record in the device management list, and configure the device information in the following window that pops up.



The left side is the resource list. The software automatically locates the device to be configured and automatically establishes a connection with the device. If the connection is successful, the device can be configured.

Currently, configuration items fall into two broad categories:

- **Basic configuration**

The following information for each channel of the device can be configured:

1）OSD

When opened, the real-time preview screen displays the "analysis rules" information overlaid on the front end of the device, which is the analysis rules (points, lines, areas) drawn on the "Temperature Measurement Configuration" tab page.

2）Channel title

Click the switch on the right side of "channel title". When it is status, the preview screen will display the channel title. At this time, the channel title can be modified in the edit box and you can drag the "Channel Title" in the preview screen to adjust the title position.

When it is status, the channel title will not be displayed in the preview screen.

Note: After the modification is completed, click the "OK" button to indicate that the

modification is saved successfully before it takes effect. At this time, the effect can be previewed in the left channel preview window.

3）Time title

Click the switch to the right of "Time title" and when it is status  , the preview screen shows the time title. At this point, you can drag the "Time Title" in the preview screen to adjust the title position. When it is status  , the time title will not be displayed in the preview screen.

Note: After the modification is completed, click the "OK" button to indicate that the modification is saved successfully before it takes effect. At this time, the effect can be previewed in the left channel preview window.

4）Synchronize the time

Click the "Synchronize PC Time" button to synchronize the current PC time to the device.

- **Temperature Measurement Configuration**

Note: This function module is only applicable to infrared channels.

The left preview window automatically loads and displays the infrared channel screen. The following information can be configured:

1) Temperature Gain

The "temperature gain mode" (also known as the "temperature measurement gear") of the device can be set, including: high gain (corresponding to the "low temperature gear"), low gain (corresponding to the "high temperature gear"), and automatic gain (automatically selecting the gain mode based on the current temperature of the measured object).**Note: Some devices do not support "automatic gain", please refer to the device documentation.**

2）Environment variable configuration

You can modify the specific values of emissivity, atmospheric transmittance, reflection temperature, ambient temperature and distance for the device as a whole.

Click the "Refresh" button, and the software can read the current environmental parameter

information of the device from the device end. After the modification, click the "Setting" button to send the new value to the device end.

Note: For devices whose device types are HZ and LC, there are three buttons "Refresh", "Set" and "Take effect" when setting the parameters of "Environment Variables". After clicking the "Refresh" button, the software reads the current environment parameter information of the device from the device end; After clicking the "Set" button, the new parameters will also be sent to the device end, but it only takes effect temporarily, and the device will be restored to the previous state after power failure; After clicking "Take effect", each new value can be sent to the device end and saved.

3）Temperature alarm configuration

Different types of equipment, configurable alarm rules are different. Set the alarm rules according to the alarm rules supported by the specific device type

.

4. Configure the device through your browser

Only some device configuration items are provided in the local configuration module. You can click the browser configuration button in the operation column of a device record in the device management list and connect the device directly through the browser to set more dimensions of the device.

5.2.1.5 Device Export and Import

You can use the export and import functions to quickly export IPC devices from the device management list or import external devices.

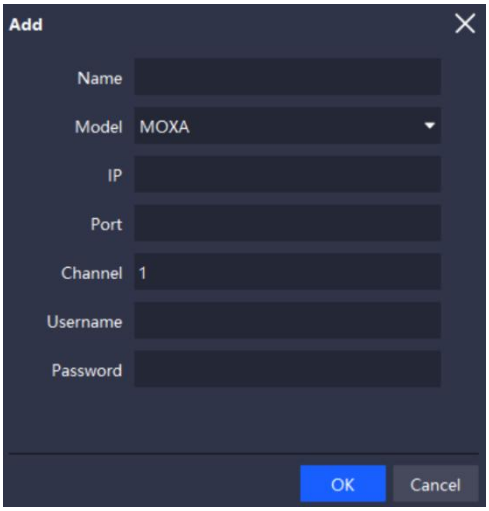
Note: The exported device information does not contain the user name and password;

The imported device information must be entered in the exported table format. If the user name and password are not entered, the default value is admin/admin.

5.2.2 IO Devices

5.2.2.1 Device Add, Edit, Delete

Click the "Add" button to maintain the I/O device information in the following pop-up window.



Note: At present, MOXA and TAS ,type of I/O device, are supported.

In the device list, select a device and click the "Edit" button. In the pop-up window above, you can modify and maintain the device information. You can click the "Delete" button to delete this I/O device.

5.2.2.2 I/O Device Status Reset

When the IPC associated with I/O generates an alarm, the information will be synchronized to the corresponding channel of I/O, which triggers other devices in the linkage. In the device list, select the device and click the "Close" button to restore all channels of the IO device to the initial state (that is, the state when the alarm is not generated), and then end all alarm linkage.

6. Video Preview

6.1 General Preview

Go to the [Video Preview] page, select the device channel in the "Resources" list, double-click or drag to the preview window to preview the current channel; Select the group and click the button to round all channels in the group.

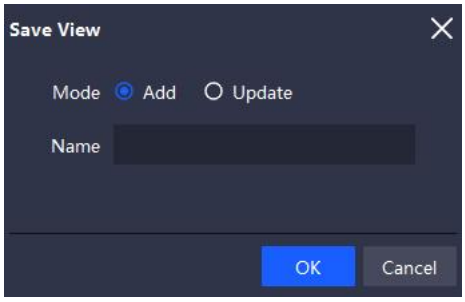
Toolbar button function list

ICONS	Features
	Adjust the screen scale of all currently previewed windows, currently supporting two methods: "full screen" and "equal scale".
	Window layout
	Save view
	Close all previews
	Full screen: Esc exits full screen
	Round/pause round

6.2 View Preview

Views are used to save the layout of the preview window and the preview channel, simplifying the preview operation later.

6.2.1 Adding a View



Enter the [Video preview] page, layout preview as required, click the button to pop up the save view window, select the corresponding mode and fill in the relevant information, click "OK" button to save the view.

6.2.2 View Preview

Go to the [Video Preview] page and double-click the view in the "View" list to preview the current view; Click the button to delete the currently selected view; Click the button to round all views.

6.3 PTZ control

Enter the [Video Preview] page, select the device that supports PTZ in the preview window, and perform PTZ control on the current device.

6.3.1 Basic control

PTZ control button function list

ICONS	Features
	Control PTZ direction Devices such as LC only support up, down, left, and right. 3D Positioning: After clicking, drag to create a box in the preview. The center and the longest side of the rectangle determine the

	center and zoom ratio of the image. Dragging from left to right zooms in, and from right to left zooms out.
	Adjust focal length
	Adjust focus
	Adjust the aperture
	Adjust speed
	Wiper
	Auto focus
	IR illuminator
	Lens initialization
	Defrost
	Defog
	Heater
	Bidirectional tracking: Visual and thermal images maintain consistent field of view.

6.3.2 Preset , Patrol Scan, and Pattern Scan

Features	Operation instruction
Preset	1. Select preset, click  , select "Setting" in the pop-up menu to set the current preset location; 2. Select preset, click  , select "Delete" in the pop-up menu to delete the current preset location; 3. Select preset, click  , go to preset location.
Patrol Scan	1. Select Patrol Scan, click  , and start patrol; 2. Click  to stop patrol.

Pattern Scan	1. Select the pattern scan path and click to start recording the path. 2. Click to stop recording the path. 3. Select the pattern scan path and click to start pattern scan; 4. Click the to stop pattern scan.

6.4 Preview Operation

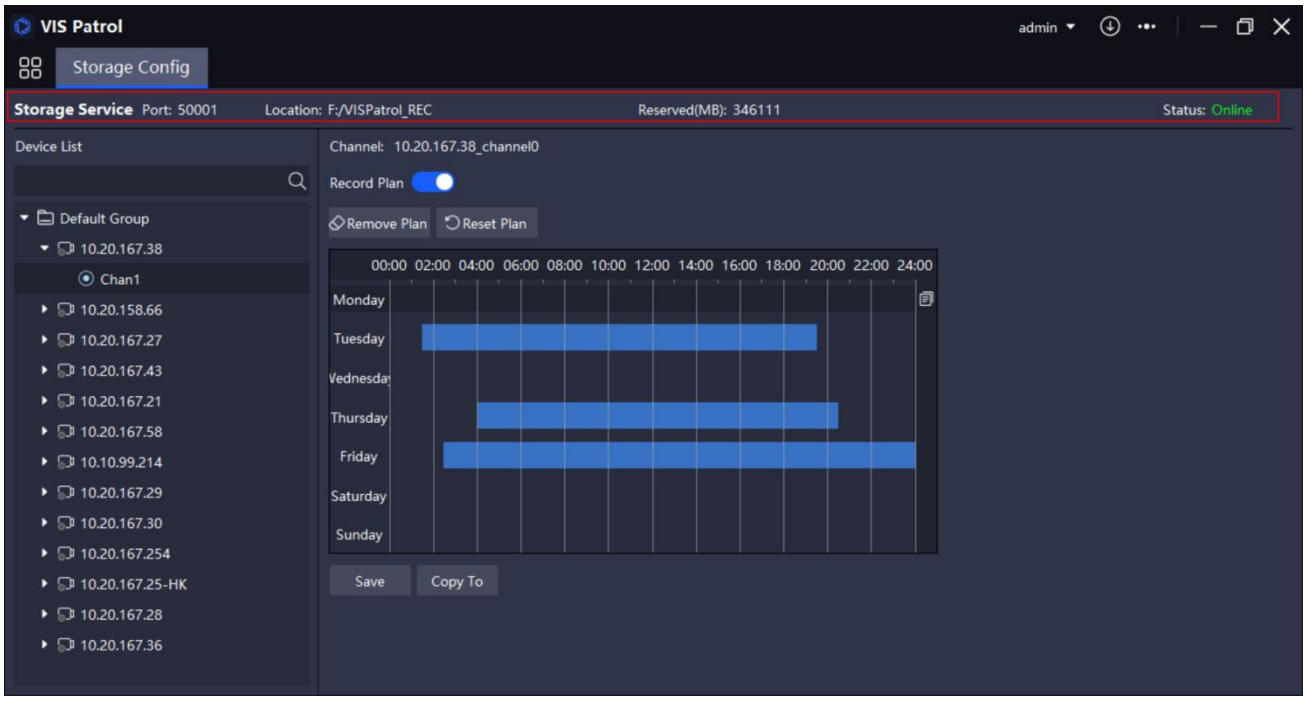
Enter the [Video preview] page, move the mouse pointer to the window being preview, a toolbar will appear at the bottom of the window, click the corresponding button to preview the operation.

Preview Window Toolbar Button List

Icon	Features
	Capture image
	Start/stop recording
	Switch main/substream
	Manual tracking:Select objects for tracking by framing them.
	Area focusing: Select an area for focusing by framing it.
	Temperature measurement: Single-point temperature measurement.

7. Storage Configuration

This function module is used to configure the IPC recording plan. The system can automatically record according to the configured plan.



This interface can be divided into two areas: Storage service basic information display area and channel video plan configuration area.

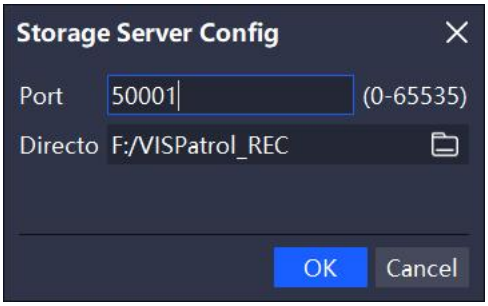
7.1 Displaying Basic Storage Service Information

The information includes storage service port, storage location (storage location of video files. By default, the software automatically finds the logical disk with the largest remaining space to create a video file storage folder), remaining storage space of the logical disk where the current storage location is located, and storage service status (online and offline).

In the system tray area at the lower right corner of the computer screen, the storage service (icon in the red box) resides, as shown in the following picture:

Right click the red box icon in the above figure, in the displayed menu, you can choose

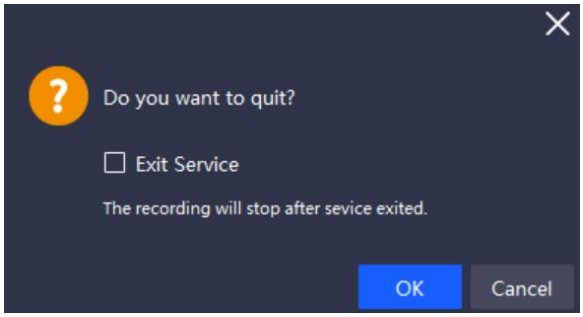
"Configure storage service", in the following window, you can maintain the service port and storage path.



Note:

1. When the software is started, the storage service will be automatically started.

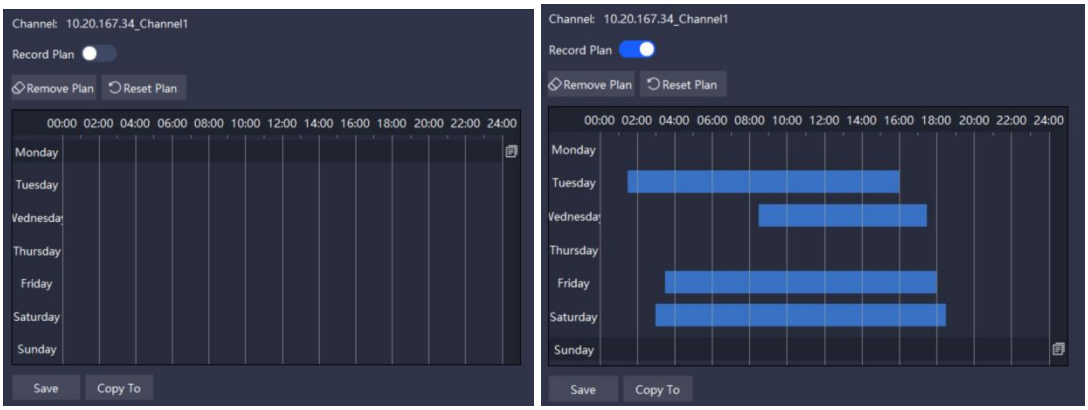
2. When shutting down the software, you can choose to let the storage service exit or continue to run. When the storage service continues to run, the recording plan continues to be executed and recorded.



3.When you right-click the storage service in the tray area and choose "Exit" from the menu, the storage service and the main program will both exit.

7.2 Video Plan Configuration

Double-click a channel in the video channel list to display and edit the video plan for this channel on the right.



By default, the recording plan is disabled, and no detailed plan is configured. The schedule is repeated automatically in weekly increments.

You can drag the mouse to draw a day detailed video plan, the plan does not have to be continuous, can draw multiple segments. You can copy the plan to other days of the week by clicking the copy icon on the far right of the row of a certain day.

After clicking the "Clear Plan" button, the mouse icon becomes an eraser. Click and drag the mouse to modify (erase) the drawn video plan. Click the "Clear Plan" button again to restore the drawing plan status.

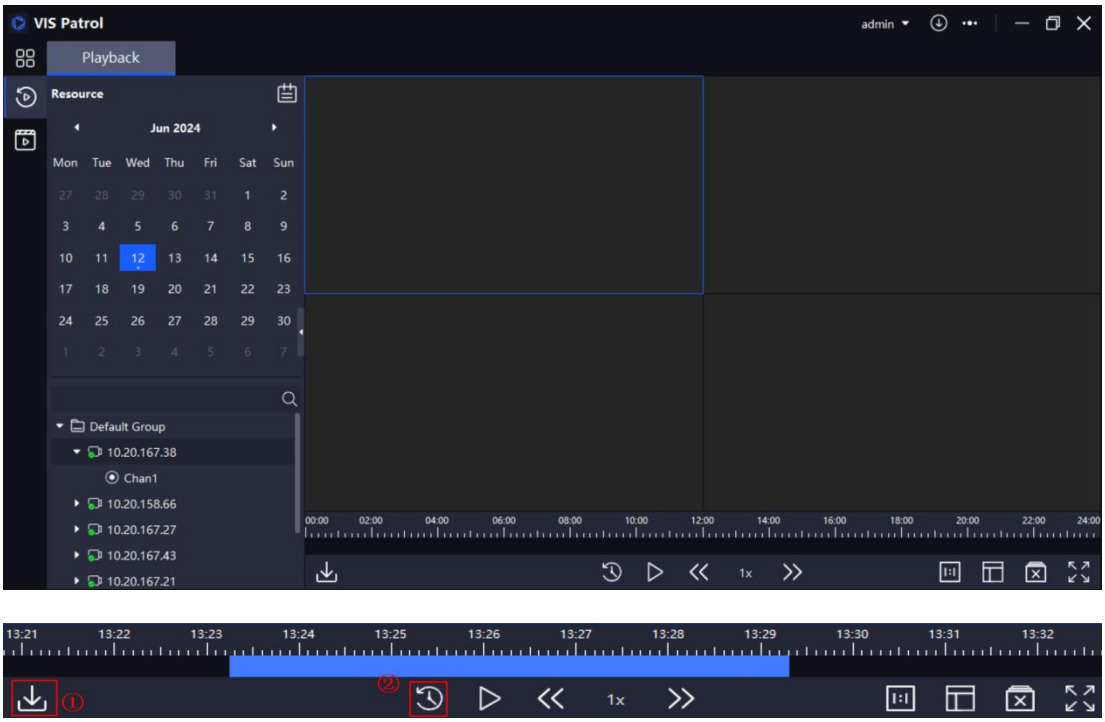
Click the "Restore Default" button to clear all plans and restore to the initial state.

You can click the "Copy to" button to quickly synchronize the current configuration of the recording plan to other device channels.

8. Video Playback

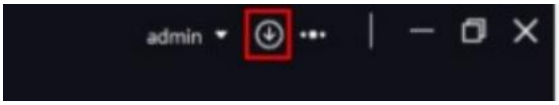
Video playback includes remote playback and local playback. Remote playback is used to play back planned videos (you need to configure the video plan in Storage Configuration first). Local playback is used to play back and view manual recordings and snaps.

8.1 Remote Playback

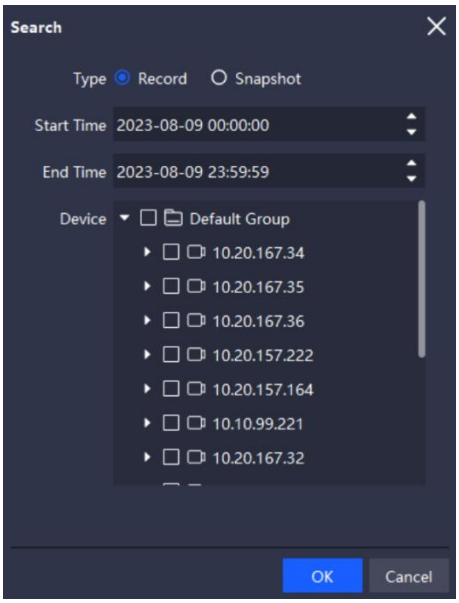


Enter the [Video Playback - Remote playback] page, select the recording time, double-click the device channel to play back the video stored by the corresponding recording device, click the video bar in the timeline or click the button ② in the above figure to set the time point in the pop-up window, you can quickly jump to the specified time and start playback.

Click the button ① in the figure above. In the pop-up window, set the start time and end time. If a video exists within the time range, the system will download it automatically. You can check the download progress in the download center window at the upper right corner of the overall software window (click the icon in the red box below).

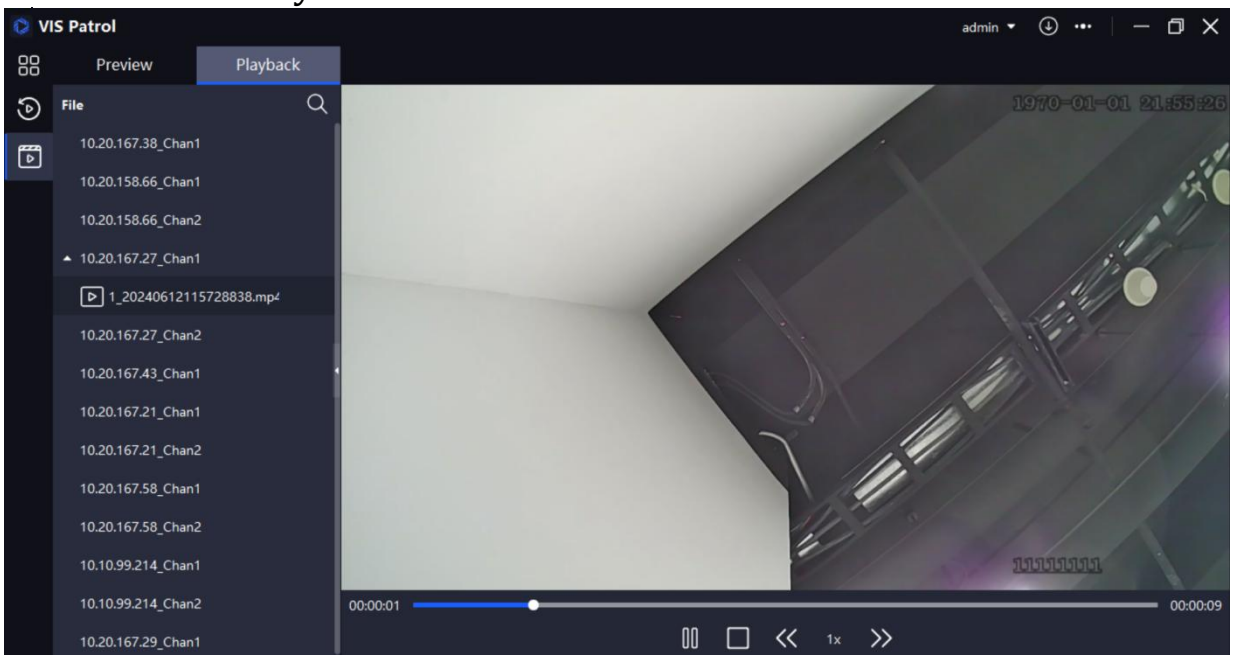


8.2 Local Playback



Enter the [Video Playback - Local playback] page, click the button, the search window will pop up, select relevant information, and click the "OK" button to search for local video or capture. After the search is complete, double-click the video or capture in the file list to play or browse.

8.2.1 Video Playback

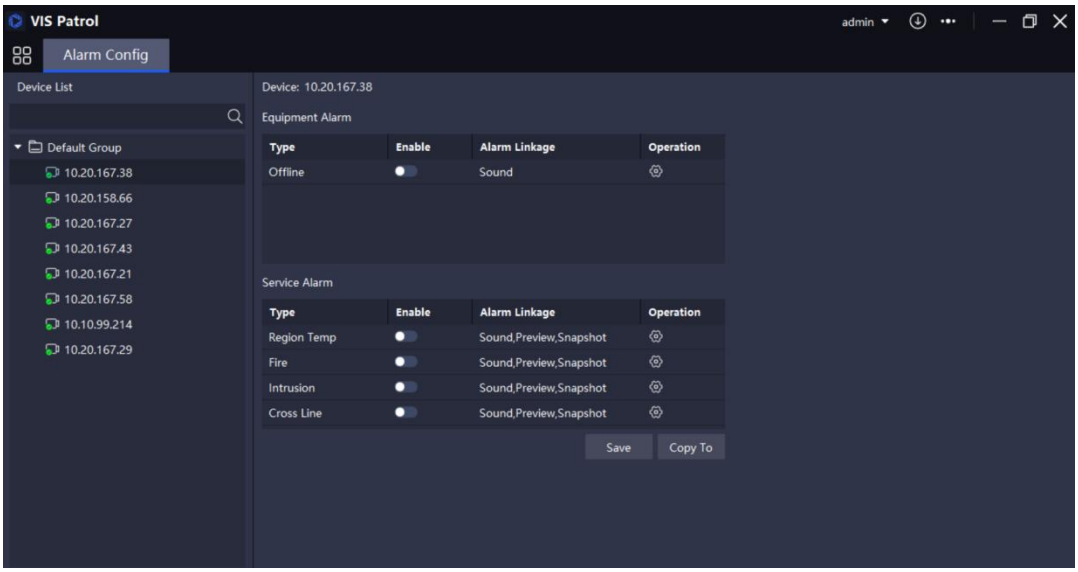


Toolbar button function list

ICONS	Features
	Play/Pause
	Stop
	Slow in

8.2.2 Grab picture Browse

9. Alarm Configuration



The alarm configuration module can subscribe to the alarm information of the device and configure the alarm linkage. At present, it supports two types of device alarm and business alarm, device alarm currently only supports equipment offline alarm, and business alarm includes four types of regional temperature, fire point, regional intrusion and trip wire intrusion.

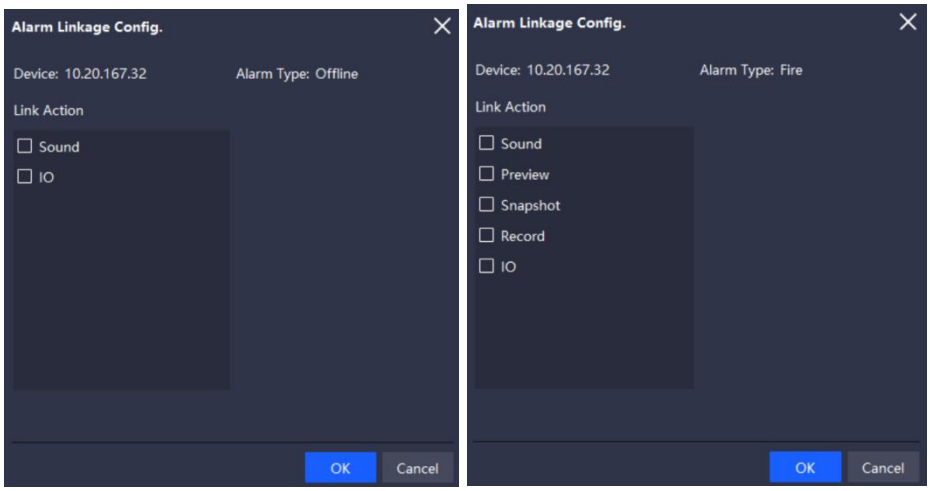
In the list of devices on the left, you can quickly find the target device through the fuzzy query of the device name.

In the device list, click the device to be configured, and the detailed alarm setting information of the device will be displayed on the right.

After setting the "Enable" status to on, you can receive the alarm information of the corresponding event. For "device offline alarm", the "sound" linkage is enabled by default, which means that the computer will ring after the alarm is triggered; For "business alarms", three types of alarm linkage are enabled by default: "sound, preview, and capture".Click the operation column to set the button, in the pop-up window, you can adjust the alarm linkage mode.

Device offline alarm, only the sound and IO linkage can be set;

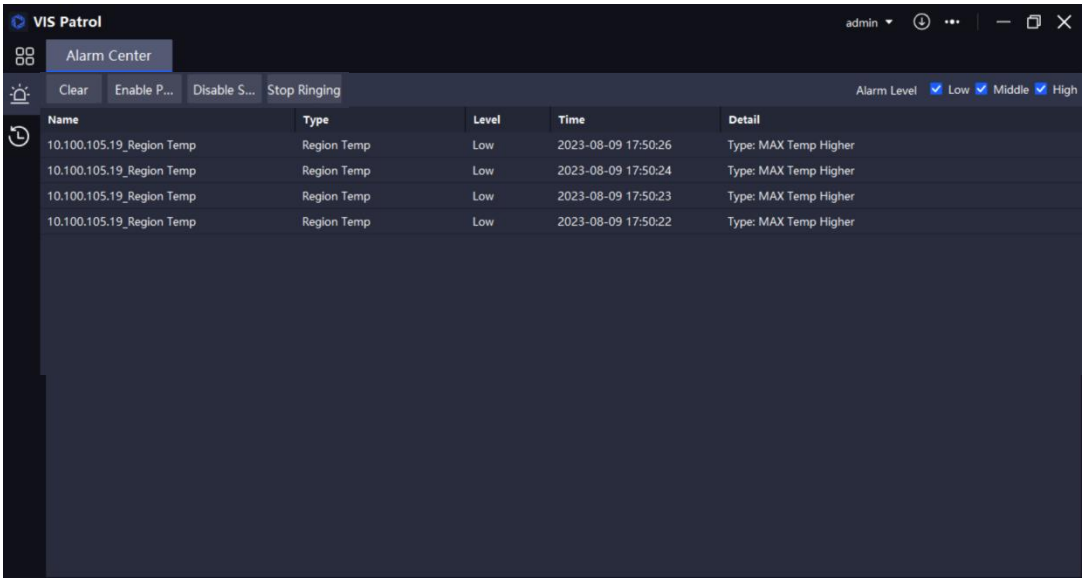
Area temperature, fire point, area intrusion, trip wire intrusion, sound, preview, capture, video and IO linkage can be set.



Click "Copy to" button, in the pop-up window, you can select the target device, the alarm setting information of the current device can be quickly copied to the target device.

10. Alarm Center

10.1 Live Alarm



Enter the [Alarm Center - real-time alarm] page, you can view the current real-time alarm, by checking the alarm level can filter the alarm level. Click the "Clear" button to clear the current list; Click the "Disable/Enable popup" button to disable/enable the linkage preview popup; Click the "Turn off/Turn on sound" button to turn off/turn on the sound of linkage.

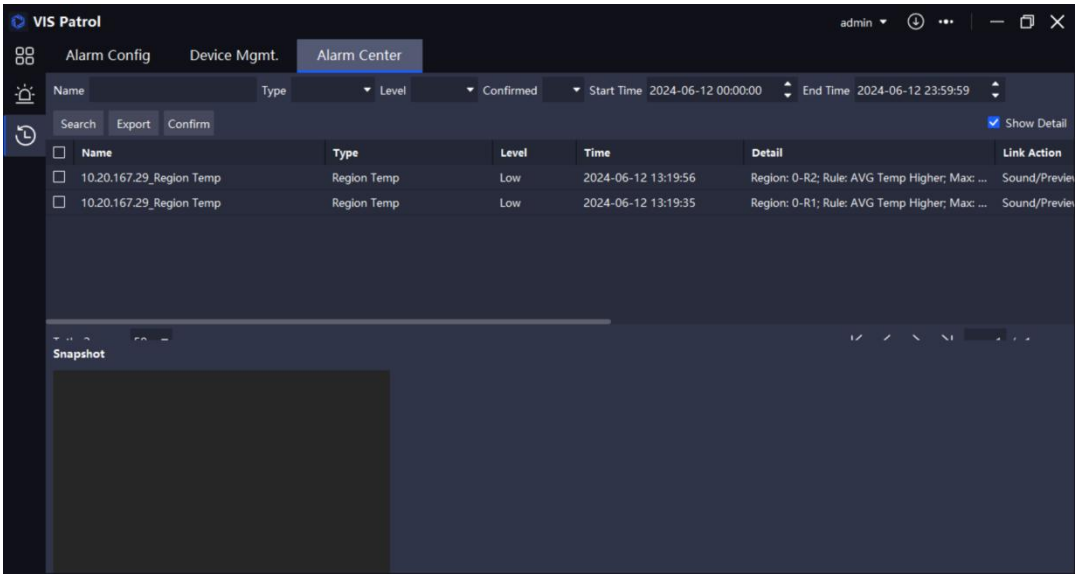
Note：

1. Enable/Disable Sound. This button has two states. When the button displays "Enable Sound", it is in the "off sound" state, which means there is no alarm ringing; When the

button displays "Disable Sound", it is in the "on sound" state. When an alarm occurs, if the "sound" linkage is set in the alarm settings, it will trigger the computer to play an alarm ringtone.

2. "Stop ringing". When the system is in the " on sound" state, a "stop ringing" button will be displayed. Clicking this button will end the ringing for the current alarm. When a new alarm occurs , a new round of ringing will be triggered.

10.2 Alarm Recording



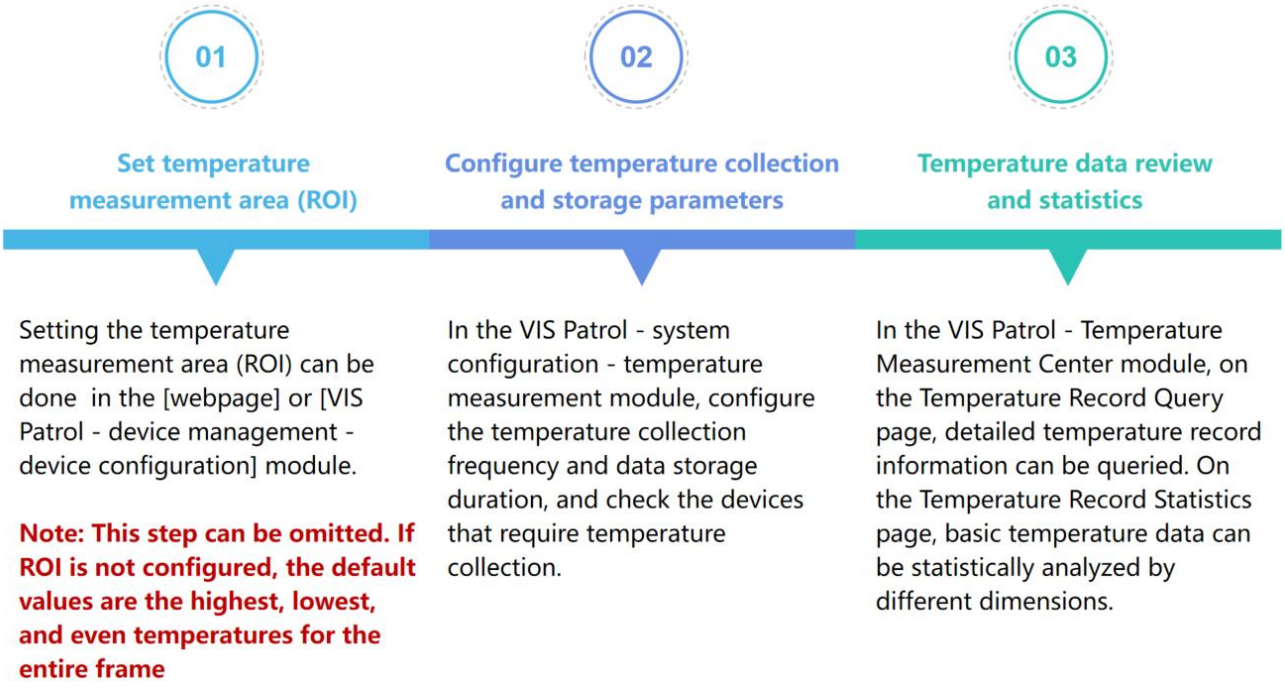
Enter the [Alarm Center - Alarm record] page, click the "search" and "export" buttons to search and export alarm records according to the conditions;

Check the alarm record, click "confirm" button, enter the confirmation information to confirm the alarm;

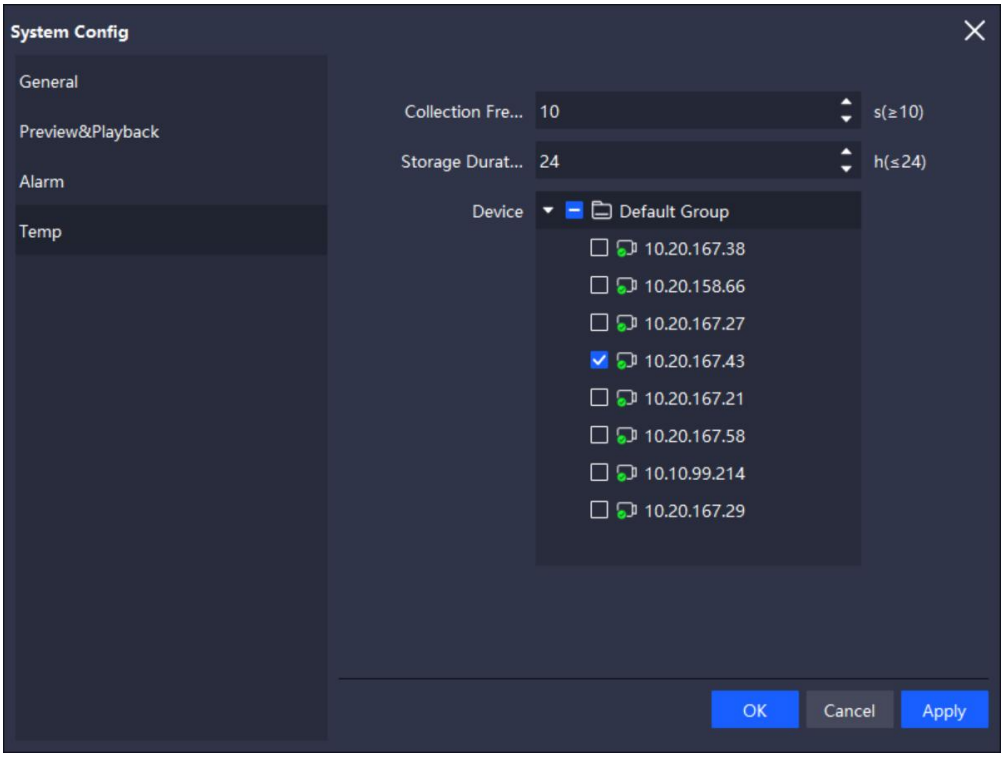
Check "Show details" to view the capture of the alarm linkage.

11. Temp. Center

11.1 Steps to enable temperature collection function



11.2 Configure temperature collection and storage parameters



Open the [System Configuration] - [Temp] module,as shown in the figure above, configure detailed temperature data collection parameters.

1. Collection frequency, with a maximum support of once every 10 seconds and a default of once every 10 seconds.

2. The storage duration can be up to 24 hours, with a default storage time of 24 hours.

3. Collection device: Check the device that expects to collect temperature, and only after checking it will the temperature information of that device be collected.

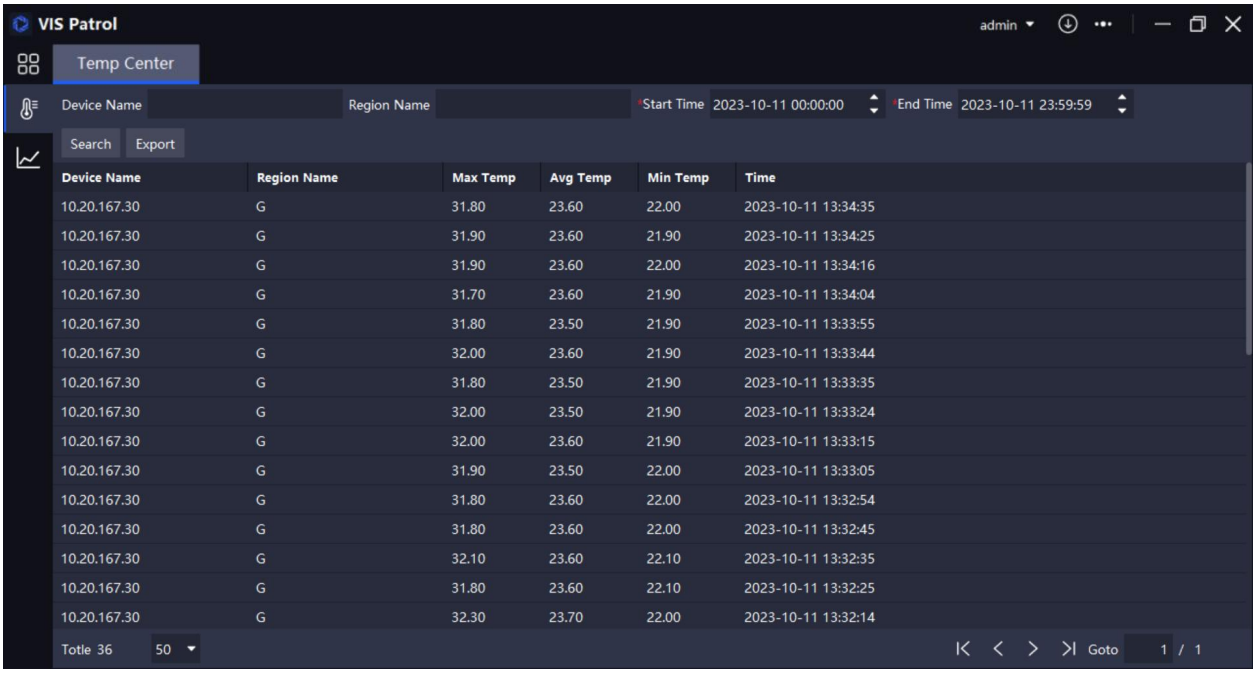
After setting up, click the "OK" button.

11.3 Temperature data query and statistics

On the system homepage, click the "Temp Center" icon to enter the "Temperature Measurement Center" module.

1. Temperature measurement record query

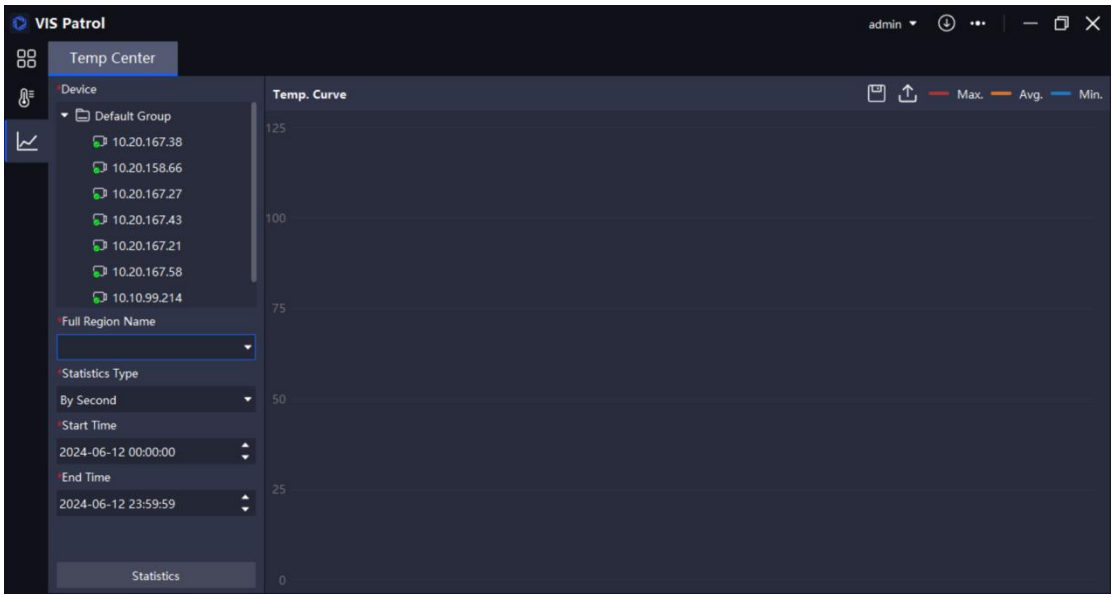
Click on the "Temperature Measurement Record Query" tab page to display the detailed temperature record information collected, as shown in the following figure:



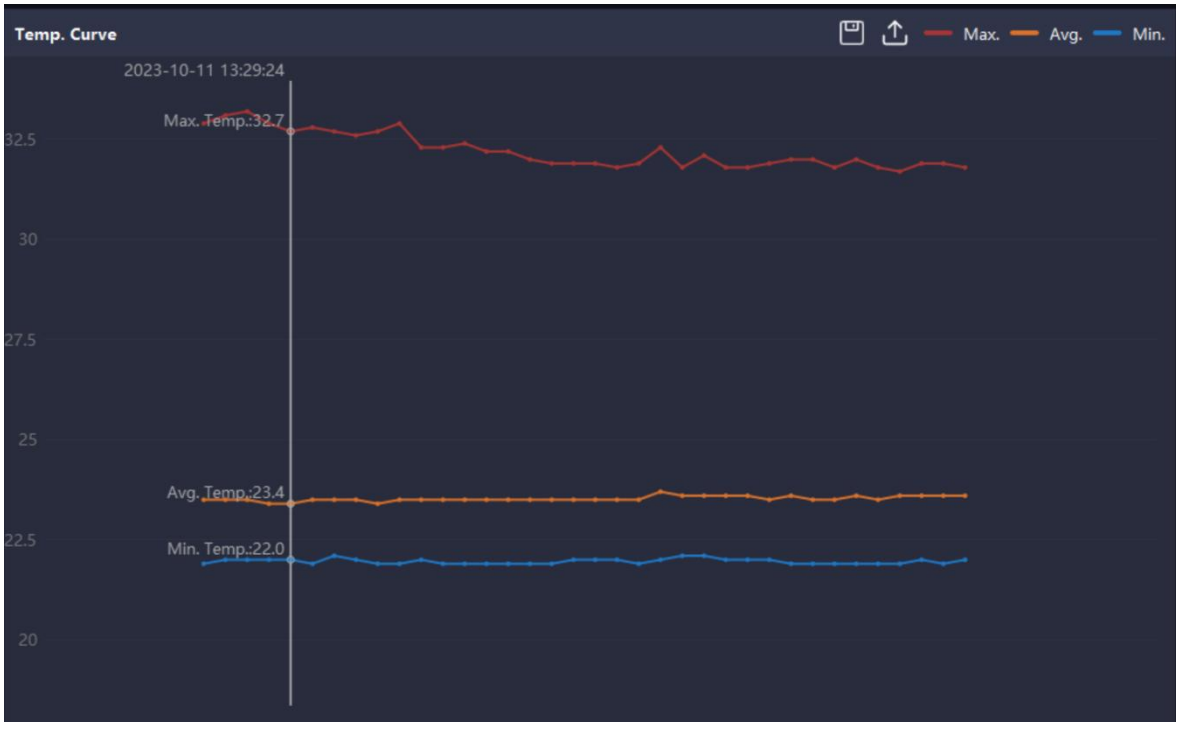
On this page, you can query the conditions for temperature measurement data by "device name", "temperature measurement area name", "collection start time", and "collection end time".

2. Temperature measurement record statistics

Click on the "Temperature Measurement Record Statistics" tab page, as shown in the following figure:



Select target device (only one can be selected) "， " Select temperature measurement area (drop-down selection or manual input) "， " Select statistical time dimension (default is by seconds, supports hours, minutes, and seconds) "， " Select start time (default is 0:0:0 on the same day) "， " Select binding time (default is 23:59:59 on the same day) ". After the above conditions are set, click the" Statistics "button and in the right window, the highest temperature will be automatically generated Minimum and average temperature curve.



In the above figure, you can hold down the Ctrl key on the keyboard while scrolling the mouse wheel to achieve zooming in and out of the screen.

Clicking a point on the curve with the mouse will automatically display the information of the highest, lowest, and average temperatures at the current time point.

The software defaults to displaying three curves for the selected area: the highest temperature, lowest temperature, and average temperature. Click on the legend icon in the upper right corner,when the legend icon turns gray, the statistical curve will not be displayed in the graph. Click on the legend icon again (from gray to original color), and the statistical curve will be displayed in the graph.

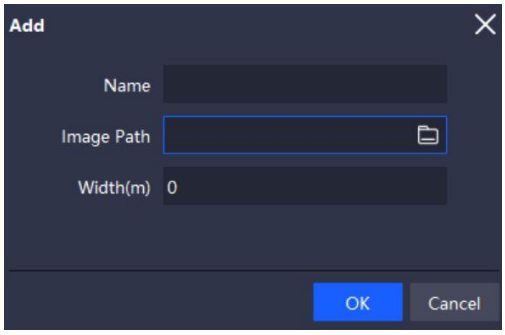
Click the button  to save the current statistical curve image.

Click the button  to export the data behind the current statistical curve to a CSV format file.

12. Electronic map

12.1 Configuring the Map

12.1.1 Adding a map



Go to the [Electronic map] page, click the button to pop up the add window, enter the relevant information, and click the "OK" button to add the map.

12.1.2 Add Monitoring points

Enter the [Electronic map] page, click the "Start editing" button to enter the editing state, select the device channel that needs to be added in the resource list, and drag it to the map, and click the "Finish editing" button to exit the editing state when finished.

12.1.3 Managing Maps

Select the relevant item in the map list and click the button to edit the current item; Click the button to delete the current item.

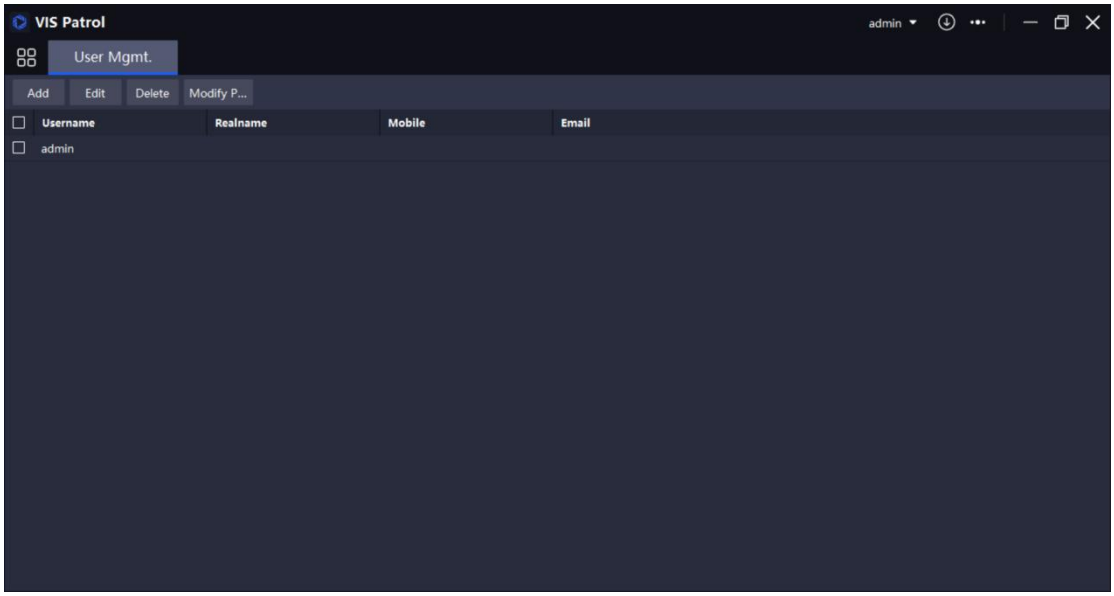
12.2 Map Apps

12.2.1 Monitor Point Preview

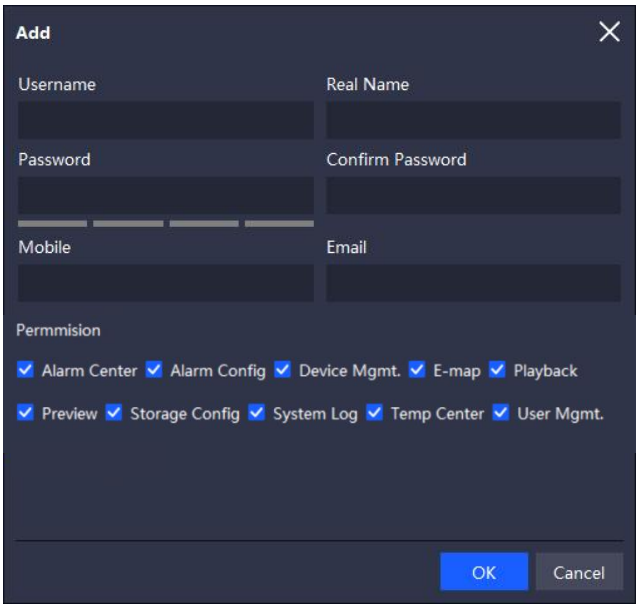
Enter the [Electronic Map] page, in the non-editing state, click the monitor icon on the map to preview the monitor point.

13. User Management

13.1 User Management



Enter the [User Management] page, click "Add" button, input relevant information in the following window, and click "OK" button to add users;



Select the user, click the "edit" button to pop up the editing window, modify the relevant information, click "OK" button to modify the user;

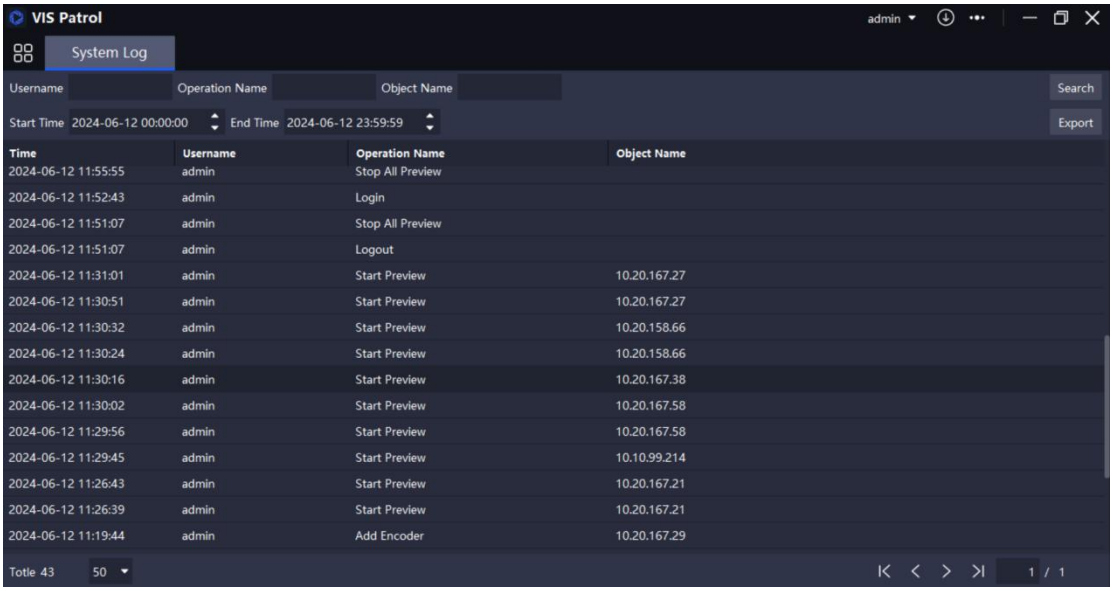
Check the user and click the "Delete" button to delete the selected user;

Select the user, click "Modify password" pop-up modify password window, enter the password information and click "OK" button to modify the user password.

Note: The admin user cannot be deleted; Users cannot delete themselves.

14. System logs

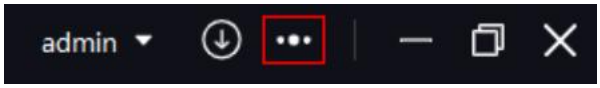
14.1 System Logs



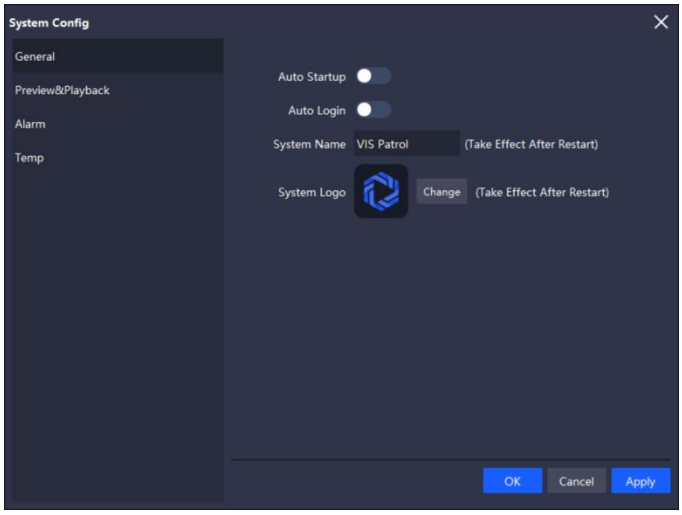
Go to the [System Logs] page and click the "Search" and "Export" buttons to search and export system logs according to the conditions.

15. More

Click on the "More" icon in the upper right corner of the software to display the "System Configuration" and "Help" menus.



15.1 System Configuration



Click the button ••• in the upper right corner of the system, select "System configuration" from the pop-up menu, open the system configuration dialog box, select the relevant items on the left, modify the configuration, click "Apply" to save, and finally click "OK" to complete the configuration.

15.1.1 General

1. Auto Startup

By default, it is turned off. When turned on, the computer automatically starts this software when turned on.

2. Auto Login

By default, it is turned off. After opening it, double-click the desktop icon of this software to directly enter the system main page, without the need to log in.

3. System Name

The default is VIS Patrol. After modifying and restarting the software, the name will be displayed in the system main page.

4. System Logo

After the change and restart, the icon will be displayed in the system main page.

Currently, only PNG format is supported, with a maximum icon size of 128 * 128.

15.1.2 Preview&Playback

Here, you can set the save path for capturing and recording in the real-time preview module, as well as the save path for downloading recorded videos in the playback module.

15.1.3 Alarm

1. Filter Time

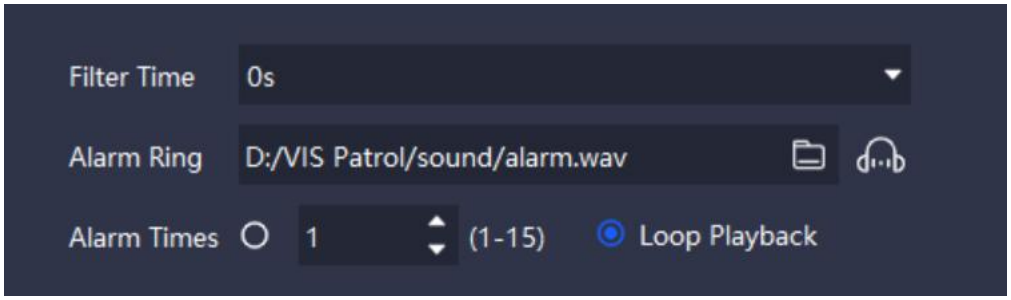
After setting, the software will automatically filter and ignore multiple alarms of the same device, object, and type within the specified time interval.

At present, it supports setting 0s (not ignoring each alarm), 5s, 10s, and 15s.

2. Alarm Ring

You can select a ringtone and set it locally on your computer. The file format needs to be wav. You can click on the icon to try listening.

The number of times the alarm rings can be set. The default is a loop ring, which means it keeps ringing and can also be set to ring a specified number of times. The alarm can be stopped by clicking "Stop Ringing" on the "Alarm Center - Real time Alarm" page.



15.1.4 Temperature Measurement

Devices with temperature measurement capabilities integrated into the software do not enable temperature collection by default. Temperature data can only be collected after configuration on this page. The collected data can be queried in the "Temperature Measurement Center" module.

1. Collection frequency

The default collection is once every 10 seconds. The fastest support is to collect data once every 10 seconds.

2. Storage Duration

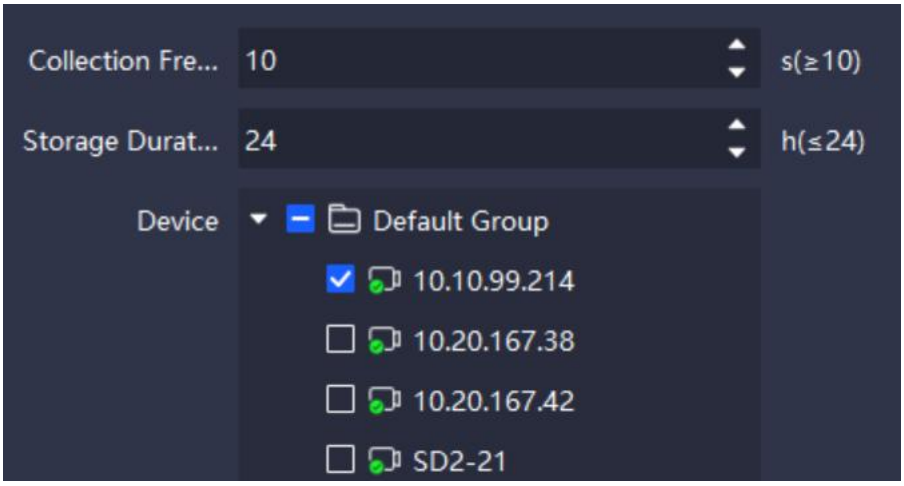
The duration of saving temperature data in the software after collection is currently set to 24 hours by default, with a maximum of 24 hours.

3. Device

Only after selecting the checkbox in front of the device can start the temperature data

collection for that device.

Note: You can draw "temperature measurement rules (points, lines, areas)" in "Device Management - Configuration - Temperature Measurement Configuration". When the temperature collection of the device is enabled, the "highest, lowest, and average temperatures of the entire frame and various temperature measurement rules" of the device will be collected.



15.2 Help

15.2.1 User Manual

After clicking on this menu, the user manual corresponding to the current version of the software will be displayed.

15.2.2 Others

Click on the "About" menu to view the current software version information.

Click on the "Open Source Protocol" menu to view information on the open source components currently used by the software.

Click on the "Software License" and "Privacy Policy" menus to view the software's usage license information and privacy policy information.