# HikCentral Control Client

## User Manual

# Legal Information

## User Manual

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The symbols that may be found in this document are defined as follows.

| Symbol | Description |
|---|---|
| **Danger** | Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury. |
| **Caution** | Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results. |
| **Note** | Provides additional information to emphasize or supplement important points of the main text. |

# Contents

1 Overview ..... 1
2 Install and Uninstall Client ..... 2
2.1 Install Control Client ..... 2
2.2 Uninstall Control Client ..... 2
3 Login ..... 4
3.1 First Time Login ..... 4
3.2 Normal Login (Not First Time) ..... 5
3.3 Domain User Login ..... 7
3.4 Change Password for Reset User and Login ..... 9
4 Manage View ..... 11
5 Live View ..... 13
5.1 Start Live View in Area Mode ..... 13
5.2 Start Live View in View Mode ..... 15
5.3 View Map in Live View ..... 17
5.4 Auto-Switch Camera in Area Mode ..... 18
5.5 Auto-Switch Cameras in View Mode ..... 19
5.6 PTZ Control ..... 21
5.6.1 Configure Preset ..... 22
5.6.2 Configure Patrol ..... 23
5.6.3 Configure Pattern ..... 24
5.7 Manual Recording and Capture ..... 25
5.7.1 Manual Recording ..... 25

5.7.2 View Manually Recorded Videos ..... 26
5.7.3 Capture Pictures ..... 27
5.7.4 Edit Captured Picture ..... 28
5.7.5 View Captured Pictures ..... 29
5.8 Customize Window Division ..... 31
5.9 View Fisheye Camera's Live Video ..... 32
5.10 View ANPR Camera's Live Video ..... 32
5.11 Add to Vehicle List ..... 34
5.12 View Under Vehicle Surveillance System's Live Video ..... 35
5.13 View Detected Face in Live View ..... 37
5.14 Control Door in Live View ..... 38
5.15 Stop Live View ..... 39
5.16 More Functions ..... 40
5.17 Customize Icons on Live View Window ..... 41
6 Playback ..... 42
6.1 Normal Playback ..... 42
6.1.1 Search Video File ..... 42
6.1.2 Play Video File ..... 43
6.2 Start Playback in View Mode ..... 45
6.3 View Map in Playback ..... 46
6.4 Synchronous Playback ..... 47
6.5 Fisheye Playback ..... 49
6.6 Customize Icons on Playback Window ..... 50

7 Video Search ..... 51
7.1 Search Tagged Video Footage ..... 51
7.2 Search Locked Video Footage ..... 52
7.3 Search Interval Video Footage ..... 54
7.4 Search Segmented Video Footage ..... 55
7.5 Search Transaction Event Triggered Video Footage ..... 56
7.6 Search ATM Event Triggered Video Footage ..... 58
7.7 Search VCA Event Related Video ..... 59
7.8 Search Face Picture and Related Video by Picture ..... 61
8 Video File Download ..... 63
8.1 Download Video File ..... 63
8.2 Manage Downloading Tasks ..... 64
9 Check Alarm and Event ..... 66
9.1 Perform Arming Control ..... 66
9.2 Search and View Resource's Alarm ..... 67
9.3 Search Event/Alarm Logs ..... 69
9.4 Manually Trigger User-Defined Event ..... 70
9.5 View Pop-up Window Triggered by Alarm ..... 71
10 Map Management ..... 73
10.1 Operate Hot Spot ..... 73
10.1.1 Preview Hot Spot ..... 73
10.1.2 Perform Arming Control ..... 74
10.1.3 View History Alarm ..... 75
10.2 Preview Hot Region ..... 76

10.3 Operate Map ..... 77

11 Search Vehicles Recognized by ANPR Camera or Under Vehicle Surveillance System ..... 79

12 Search Access Control Event ..... 82

13 Manage Smart Wall ..... 83

13.1 Decode and Display ..... 84

13.2 View Settings ..... 85

13.2.1 Add View ..... 86

13.2.2 Add View Group ..... 86

13.2.3 Perform View Auto-Switch ..... 87

13.2.4 Create a Roaming Window ..... 87

14 Generate People Counting Report ..... 89

15 Generate Heat Map Report ..... 91

16 Health Monitoring ..... 93

17 Log Search ..... 96

17.1 Search Server Logs ..... 96

17.2 Search Remote Site Logs ..... 97

17.3 Search Device Logs ..... 97

17.4 Search Smart Wall Logs ..... 98

17.5 Back Up Logs ..... 99

18 Tools ..... 100

18.1 Play Video via VSPlayer ..... 100

18.2 Broadcast Messages ..... 100

18.3 Perform Two-Way Audio ..... 101

18.4 Perform Alarm Output Control ..... 101

19 System Settings ..... 103

19.1 Set General Parameters ..... 103

19.2 Set Image Parameters ..... 103

19.3 Set File Saving Path ..... 105

19.4 Set Keyboard and Joystick Parameters ..... 105

19.5 Set Alarm Sound ..... 106

# 1 Overview

As one of the key components of the system, Control Client provides multiple operating functionalities, including real-time live view, PTZ control, video playback and download, alarm receiving, log query, and so on.

This user manual describes the function, configuration, and operation steps of the Control Client. To ensure the proper usage and stability of the client, refer to the contents below and read the manual carefully before operation.

**Note**

The functions on the Control Client vary with the License you purchased. For detailed information, contact our technical support.

# 2 Install and Uninstall Client

You can install the Control Client on your PC to access the system remotely.

## 2.1 Install Control Client

Before you need to access the system via Control Client over the network, you should install the Control Client on your PC.

**Steps**

1. Double-click (HikCentral_Client) to enter the welcome panel of the InstallShield Wizard.
2. Click **Next** to start the InstallShield Wizard.
3. **Optional:** Click **Browse** and select a directory to install the Control Client.
4. Click **Next** to continue.
5. Read the pre-install information and click **Install** to begin the installation.

   A panel indicating progress of the installation will display.
6. Read the post-install information and click **Finish** to complete the installation.

   **Note**

   You can also use the basic installation package to install the Control Client.

## 2.2 Uninstall Control Client

You can remove the Control Client from your PC if you don't need it.

Perform this task when you need to uninstall the Control Client.

**Steps**

**Note**

The following procedure of standard system module removal may be slightly different according to the different OS versions.

1. Exit the Control Client.
2. Select **Control Panel** in Windows' Start menu.
3. Enter Programs and Features page.

- If using Category view, find the Programs category, and click **Uninstall a program**.
- If using Small icons or Large icons view, select **Programs and Features**.

4. Right-click the HikCentral Client in the list of currently installed programs.
5. Select **Uninstall** and follow the removal instructions.

# 3 Login

Log in to the system via Control Client to perform the operations, such as live view, playback, and so on.

## 3.1 First Time Login

When normal user (except admin user) logs in to the system for the first time, he/she should change the initial password and set a new password for login.

**Before You Start**

When you log in the system for the first time, you are required to create the password for the system pre-defined the administrator user (named admin) on Web Client before you can properly configure and operate the system.

Perform the following steps when you access the system via Control Client for the first time as normal user (except admin).

**Steps**

1. Double-click on the desktop to run the Control Client.

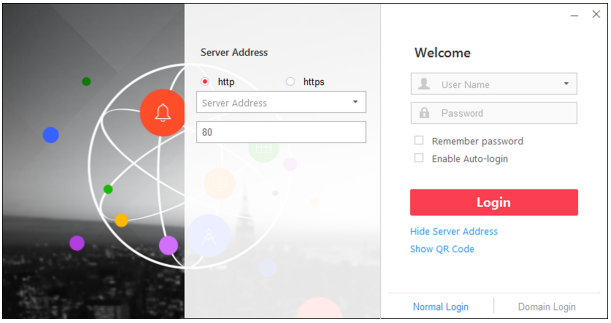


**Figure 3-1 Login Page**

2. Select **Normal Login** tab on the bottom.
3. Input the server parameters.

**Note**

You can click **Hide Server Address** or **Show Server Address** to hide or show the panel.

**Transfer Protocol**

Select the transfer protocol. You can select **HTTP** or **HTTPS** as configured on the Web Client.

**Server Address**

Input the address (IP address or domain name) of the VSM that you want to connect to.

**Port**

Input the port No. of the VSM. By default, it's 80 for HTTP and 443 for HTTPS.

4. Input the user name and password of the HikCentral.

**Note**

Contact the administrator for the user name and initial password.

5. Click **Login**.
6. Click **Close** in the pop-up dialog to continue.
7. Set the new password and confirm the password.

**Caution**

The password strength of the device can be checked by the system. We highly recommend you change the password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.

8. Click **Login** to change the password.

   You enter the Control Client home page after you change the password.

## 3.2 Normal Login (Not First Time)

You can log in to the system with the user name and password of HikCentral in Normal Login mode.

Perform this task when you need to login as normal user.

**Steps**

1. Double-click on the desktop to run the Control Client.

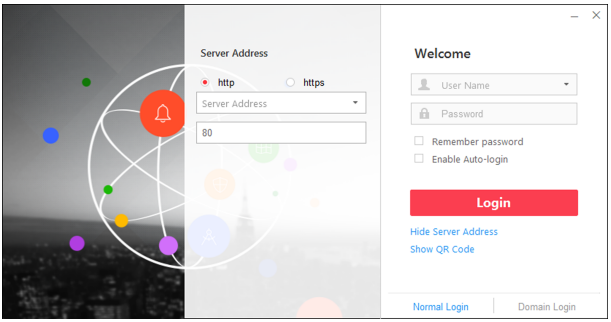


**Figure 3-2 Login Page**

2. Select **Normal Login** on the bottom.
3. Input the server parameters.

**Note**

You can click **Hide Server Address** or **Show Server Address** to hide or show the panel.

**Transfer Protocol**

Select the transfer protocol. You can select **HTTP** or **HTTPS** as configured on Web Client.

**Server Address**

Input the address (IP address or domain name) of the VSM that you want to connect to.

**Port**

Input the port number of the VSM. By default, it's 80 for HTTP and 443 for HTTPS.

4. Input the user name and password of the HikCentral.
5. **Optional:** Check **Remember Password** checkbox to keep the password.
6. **Optional:** Check **Enable Auto-login** checkbox to log in to the software automatically for the next login.
7. Click **Login**.

**Note**

- If failed password attempt of current user is detected, you are required to input the verification code before you can log in. The failed password attempt from current client, other client and other address will all require the verification code.
- The failed password attempt from current client, other client (e.g., Control Client) and other address will all be accumulated. Your IP address will be locked for a specified period of time after specific number of failed password or verification code attempts. For detailed settings of failed login attempts and locking duration, refer to the *User Manual of HikCentral Web Client*.
- The account will be frozen for 30 minutes after 5 failed password attempts. The failed password attempt from current client, other client (e.g., Control Client) and other address will all be accumulated.
- The password strength can be checked by the system and should meet the system requirements. If password strength is lower than the required minimum strength, you will be asked to change your password. For detailed settings of minimum password strength, refer to the *User Manual of HikCentral Web Client*.
- If your password has expired, you will be asked to change your password when login. For detailed settings of maximum password age, refer to the *User Manual of HikCentral Web Client*.

You enter the Control Client home page.

## 3.3 Domain User Login

You can log in to the system with domain account in Domain Login mode.

**Before You Start**

Set the domain user via Web Client. See *User Manual of HikCentral Web Client* for details.

Perform this task when you need to access the system via Control Client as domain user.

**Steps**

1. Double-click on the desktop to run the Control Client.
2. Select **Domain Login** on the bottom.

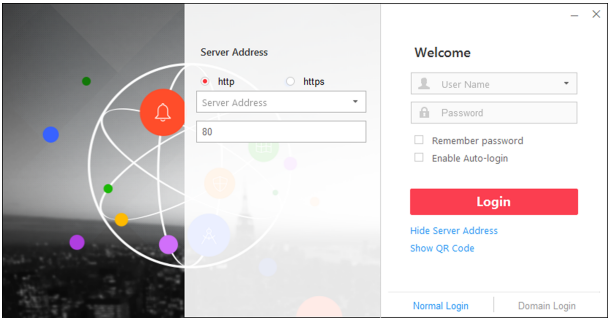


**Figure 3-3 Login Interface**

3. **Optional:** Click **Show Server Address** to show the panel.
4. Input the server parameters.

   **Transfer Protocol**

   Select the transfer protocol. You can select **HTTP** or **HTTPS** as configured on Web Client.

   **Server Address**

   Input the address (IP address or domain name) of the VSM that you want to connect to.

   **Port**

   Input the port No. of the VSM. By default, it's 80 for HTTP and 443 for HTTPS.
5. Input the domain user name and password.
6. **Optional:** Check **Remember Password** checkbox to keep the password.
7. **Optional:** Check **Enable Auto-login** checkbox to log in to the software automatically for the next login.
8. Click **Login**.

**Note**

- If failed password attempt of current user is detected, you are required to input the verification code before you can log in. The failed password attempt from current client, other client and other address will all require the verification code.
- The failed password attempt from current client, other client (e.g., Control Client) and other address will all be accumulated. Your IP address will be locked for a specified period of time after specific number of failed password

or verification code attempts. For detailed settings of failed login attempts and locking duration, refer to the *User Manual of HikCentral Web Client*.

- The account will be frozen for 30 minutes after 5 failed password attempts. The failed password attempt from current client, other client (e.g., Control Client) and other address will all be accumulated.

## 3.4 Change Password for Reset User and Login

If the normal user's password is reset to the initial password by admin user, he/she should change the initial password and set a new password when logging in again.

Perform this task when you need to access the system via Control Client by normal user whose password has been reset to the initial one.

**Steps**

1. Double-click on the desktop to run the Control Client.

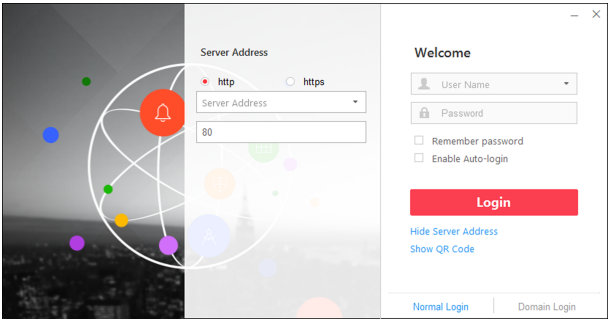


**Figure 3-4 Login Page**

2. Select **Normal Login** tab on the bottom.
3. Input the server parameters.

**Note**

You can click **Hide Server Address** or **Show Server Address** to hide or show the panel.

**Transfer Protocol**

Select the transfer protocol. You can select **HTTP** or **HTTPS** as configured on the Web Client.

**Server Address**

Input the address (IP address or domain name) of the VSM that you want to connect to.

**Port**

Input the port No. of the VSM. By default, it's 80 for HTTP and 443 for HTTPS.

4. Input the user name and password of the HikCentral.

**Note**

Contact the administrator for the user name and initial password.

5. Click **Login**.
6. Click **Close** in the pop-up dialog to continue.
7. Set the new password and confirm the password.

**Caution**

The password strength of the device can be checked by the system. We highly recommend you change the password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.

8. Click **Login** to change the password.

   You enter the Control Client home page after you change the password.

# 4 Manage View

A view is a window division with cameras configured to each window. View mode enables you to save the window division and the correspondence between cameras and windows as favorite to quickly access the related cameras later. For example, you can link camera 1, camera 2, and camera 3 located in your office to display windows and save them as a view called office.

Perform this task when you need to get quick access to a certain set of cameras for live view or playback.

**Note**

- For live view, the view mode can save resource type, resource ID, stream type, position and scale after digital zoom, preset No., and fisheye dewarping status.
- For playback, the view mode can save resource type, resource ID, position and scale after digital zoom, and fisheye dewarping status.

**Steps**

1. Click **Monitoring** on My Dashboard to enter Monitoring page.
2. Click to enter the View page.
3. **Optional:** Add a custom view group.
   1) Select **Public View** or **Private View** to add the view group to.
   2) Click .
   3) Set the group name.
4. **Optional:** Select a view group.
5. Add a view.
   1) Click + .
   2) Set the view name.

   **Note**

   By default, the new view is of 4-window mode.
6. **Optional:** Click and select the window division mode for the new view.
7. Click to enter the Logical Resource page.
8. Drag the cameras to the corresponding window or double-click the cameras to start live view or playback.

**Note**

For detailed operations about live view and playback, refer to ***Live View*** and ***Normal Playback***.

9. Click and save the view.

| | |
|---|---|
| **Save View** | Save the view. |
| **Save as View** | Save the view as a new view. |

10. **Optional:** Perform the following operations after adding the view.

| | |
|---|---|
| **Edit View** | Edit the view settings (such as window division, correspondence between cameras and display windows, etc.), click and edit the view name. |
| **Delete View or View Group** | Click to delete the custom view or view group. |

**Result**

After adding a view, you can start live view or playback in view mode. See ***Start Live View in View Mode*** and ***Start Playback in View Mode*** for details.

# 5 Live View

The Live View page is used to view live video of the connected cameras. You can also control PTZ cameras, manually record video footage, capture images, and view instant playback.

### Navigation Panel

| | | |
|---|---|---|
| | Camera/Area Mode | View a list of available cameras and areas created by the system administrator. |
| | View Mode | Create custom view groups and views of available cameras.<br>Edit existing view groups and views. |
| | PTZ Control Mode | Control a PTZ camera.<br>Create presets for PTZ cameras.<br>Create patrols for PTZ cameras.<br>Create patterns for PTZ cameras. |

### Toolbar on Live View Display Window

Move the mouse to the lower edge of the live view display window to show toolbar.

**Figure 5-1 Live View Toolbar**

## 5.1 Start Live View in Area Mode

Live view shows you the live video getting from cameras.

**Before You Start**
Make sure camera already added in Web Client. The correspondence of a camera to area is also configured in Web Client.

**Steps**

1. Click **Monitoring** to enter the Monitoring module.

The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Live View** at the bottom to enter the live view page, if the playback page displays.
3. Click to enter Camera/ Area mode.
4. Start live view.

| | |
|---|---|
| **For one camera** | Drag the selected camera to the display window. Or double-click the camera name to start the live view in a free display window. You also can select a display window and double-click the camera name to start live view in this window. |
| **For all cameras of the same area** | Double-click the area name after selecting the display window to start live view. Or you can click-and-drag the area to the display window, and click **Play in Batch** to start the live view. |

You can click-and-drag the video of the camera in live view to another display window if needed.

**Note**

The display windows adapt to the number of cameras in the area.

5. **Optional:** View the event list at bottom or on the right of each window according to the display location setting.

**Note**

You can select the event types and sources to filter the events or click **clear** to delete the event list.

6. **Optional:** Move the mouse to the lower edge of the live view display window to show toolbar. Perform the following operations if needed.

| | |
|---|---|
| **Fisheye Dewarping** | This icon is available for fisheye camera for entering the fisheye dewarping mode. See ***View Fisheye Camera's Live Video***. |
| **Camera Status** | Click to show the camera's recording status, signal status, connection number, etc. |
| **Arming Control** | Click to open the arming control window of the camera in live view. |

| | |
|---|---|
| **Stream Switch** | Click or to switch the live view stream to main stream or sub-stream. |
| **Live View on Smart Wall** | Click to view the live video on smart wall. See ***Manage Smart Wall*** for details. |
| **VCA Playback** | Click to display the VCA Search window. You can set VCA rule to search video files and filter the videos by VCA event types, including VCA Search, Intrusion Detection, and Line Crossing Detection. Refer to ***Search VCA Event Related Video*** for more details. |
| **Alarm Output** | Click to display the Alarm Output Control page and turn on/off the alarm outputs of the connected camera. See ***Perform Alarm Output Control*** for details. |
| **Audio Control** | Click or to turn off/on the sound.<br>**Note**<br>You can adjust the volume when moving the cursor on . |

## 5.2 Start Live View in View Mode

You can quickly access the live view of the cameras managed in a view.

Perform this task when you start live view in view mode.

**Steps**

1. Click **Monitoring** on My Dashboard to enter Monitoring page.
2. Click to enter the view mode.

   **Note**

   If the Playback page is shown, click **Go to Live View** at the bottom to enter the Live View page.

3. **Optional:** Add a view if no view is available. Refer to ***Manage View*** for details.
4. Click a view to quickly start the live view of all the cameras related to the view.

**Note**

You can also quickly switch the added view from the drop-down view list above the displaying windows.

5. **Optional:** View the event list at bottom or on the right of each window according to the display location setting.

**Note**

You can select the event types and sources to filter the events or click **clear** to delete the event list.

6. **Optional:** Move the mouse to the lower edge of the live view display window to show toolbar. Perform the following operations if needed.

| | |
|---|---|
| **Fisheye Dewarping** | This icon is available for fisheye camera for entering the fisheye dewarping mode. See ***View Fisheye Camera's Live Video***. |
| **Camera Status** | Click to show the camera's recording status, signal status, connection number, etc. |
| **Arming Control** | Click to open the arming control window of the camera in live view. |
| **Stream Switch** | Click or to switch the live view stream to main stream or sub-stream. |
| **Live View on Smart Wall** | Click to view the live video on smart wall. See ***Manage Smart Wall*** for details. |
| **VCA Playback** | Click to display the VCA Search window. You can set VCA rule to search video files and filter the videos by VCA event types, including VCA Search, Intrusion Detection, and Line Crossing Detection. Refer to ***Search VCA Event Related Video*** for more details. |
| **Alarm Output** | Click to display the Alarm Output Control page and turn on/off the alarm outputs of the connected camera. See ***Perform Alarm Output Control*** for details. |
| **Audio Control** | Click or to turn off/on the sound. |

**Note**

You can adjust the volume when moving the cursor on .

## 5.3 View Map in Live View

When you view the resources on the map, you can drag the resources to the display window to view the live video of surveillance scenarios quickly.

**Before You Start**

Configure the map settings via the Web Client. For details, see *User Manual of HikCentral Web Client*.

Perform this task when you need to view map in live view.

**Steps**

1. Click **Monitoring** on My Dashboard to enter the Monitoring page.

   **Note**

   If Playback page is shown, click **Go to Live View** at the bottom to enter Live View page.

2. Click **Map Disabled** to display the map.
3. Click and select the window division mode shown in the display area.
4. Start live view of the resource on the map.
   - Drag one resource to the display window to start live view.
   - Click , select , and drag on the map to select multiple resources. Drag the selected resources to the display window to start live view.

     **Note**

     - For cameras, you can click **Play in Batch** to start the live view, or click **Single-Screen Auto-Switch** to start auto-switch in single display window. Refer to ***Auto-Switch Camera in Area Mode*** for detailed operation.
     - Up to 16 resources can be selected.
     - The display windows adapt to the number of selected resources.

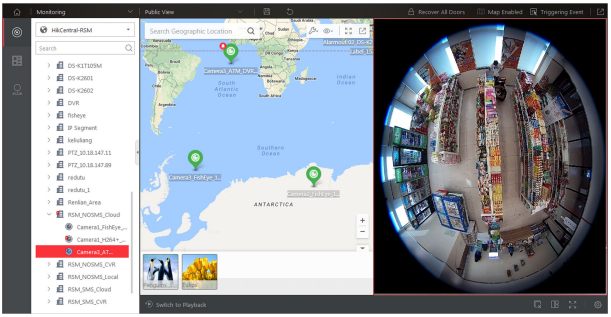


**Figure 5-2 View Map in Live View**

# 5.4 Auto-Switch Camera in Area Mode

You can select a window to display cameras of one area in turn.

**Steps**

1. Enter the Monitoring module.

   The live view or playback page will display.

2. **Optional:** Click **Go to Live View** at the bottom if the playback page displays.
3. Click to enter the Camera/ Area mode.
4. Select a window to display cameras in turn.
5. Drag the area to the display window.
6. In the pop-up menu, click **Single-Screen Auto-Switch**.
7. **Optional:** Perform the following operations after you perform the function of auto-switch camera display.

| | |
|---|---|
| **Adjust Switching Interval** | Click or to adjust. |
| **View Previous or Next Camera** | Click or to view. |
| **Pause** | Click to pause the auto-switch. |
| **Fisheye Dewarping** | This icon is available for fisheye camera for entering the fisheye dewarping mode. See ***View Fisheye Camera's Live Video***. |

| | |
|---|---|
| **Camera Status** | Click to show the camera's recording status, signal status, connection number, etc. |
| **Arming Control** | Click to alarm or disarm the alarm event, select the alarm status and priority. |
| **Stream Switch** | Click or to switch the live view stream to main stream or sub-stream. |
| **Live View on Smart Wall** | Click to view the live video on smart wall. See ***Manage Smart Wall*** for details. |
| **VCA Playback** | Click to display the VCA Search window. You can set VCA rule to search video files and filter the videos by VCA event types, including VCA Search, Intrusion Detection, and Line Crossing Detection. Refer to ***Search VCA Event Related Video*** for more details. |
| **Alarm Output** | Click to display the Alarm Output Control page and turn on/off the alarm outputs of the connected camera. See ***Perform Alarm Output Control*** for details. |
| **Audio Control** | Click or to turn off/on the sound.<br>**Note**<br>You can adjust the volume when moving the cursor on . |

## 5.5 Auto-Switch Cameras in View Mode

Select a view group to display its custom views in turn.

**Before You Start**

The custom views and view group need to be added before proceeding. Refer to ***Manage View*** for details.

Perform the following steps to automatically switch the custom views of the view group.

**Steps**

1. Clikc **Monitoring** to enter the Monitoring module.

   The live view or playback page displays.

2. **Optional:** Click **Go to Live View** at the bottom if the playback page displays.
3. Click to enter the view mode.
4. Drag a custom view group to the display window.

**Note**

The two pre-defined view groups (Public View and Private View) do not support auto-switch.

The views belong to the view group will start switching automatically.

5. **Optional:** Move the mouse to the lower edge of the live view display window to show toolbar. Perform the following operations if needed.

| | |
|---|---|
| **Fisheye Dewarping** | This icon is available for fisheye camera for entering the fisheye dewarping mode. See ***View Fisheye Camera's Live Video***. |
| **Camera Status** | Click to show the camera's recording status, signal status, connection number, etc. |
| **Arming Control** | Click to arm or disarm the alarm. Control Client can receive the information of the armed alarms. |
| **Stream Switch** | Click or to switch the live view stream to main stream or sub-stream. |
| **Live View on Smart Wall** | Click to view the live video on smart wall. See ***Manage Smart Wall*** for details. |
| **VCA Playback** | Click to display the VCA Search window. You can set VCA rule to search video files and filter the videos by VCA event types, including VCA Search, Intrusion Detection, and Line Crossing Detection. Refer to ***Search VCA Event Related Video*** for more details. |
| **Alarm Output** | Click to display the Alarm Output Control page and turn on/off the alarm outputs of the connected camera. See ***Perform Alarm Output Control*** for details. |
| **Audio Control** | Click or to turn off/on the sound.<br>**Note**<br>You can adjust the volume when moving the cursor on . |

# 5.6 PTZ Control

The Control Client provides PTZ control for cameras with pan/tilt/zoom functionality. You can set the preset, patrol and pattern for the cameras on the PTZ control panel.

**Note**

The PTZ control function should be supported by the camera.

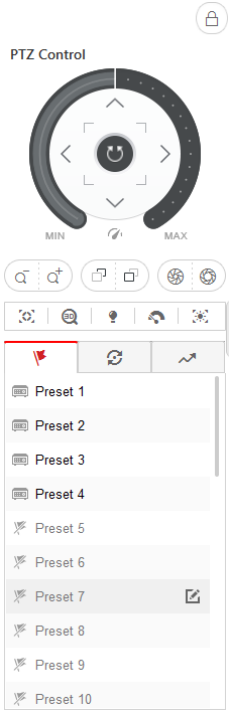


**Figure 5-3 PTZ Control Panel**

The following buttons are available on the PTZ control panel:

| | |
|---|---|
| | Lock the PTZ for a designated time period. When the PTZ is locked, users with lower PTZ control permission levels cannot change the PTZ controls. |

| | |
|---|---|
| | **Note**<br>For details about setting the PTZ control permission level, refer to the *User Manual of HikCentral Web Client*. |
| | Cancel the PTZ lock. |
| | Direction Button, Auto-scan and PTZ speed. |

In the live video display window, you can also click the icon to enable window PTZ control.

| | |
|---|---|
| Direction Control | Move the cursor to the direction you desired and click to control the direction of the camera. You can also click and drag the cursor with a red arrows to the direction you desired for a quick direction control. |
| Auto-scan | Click to start auto-scan. |
| Zoom In | Click **+** to zoom in. |
| Zoom Out | Click **-** to zoom out. |

### 5.6.1 Configure Preset

A preset is a predefined image position which contains configuration parameters for pan, tilt, zoom, focus and other parameters. You can also set a virtual preset after enabling digital zoom.

Perform this task to add a preset.

**Steps**

1. Enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Live View** at the bottom if the playback page displays.
3. Start live view.
4. Click to enter the PTZ Control mode.
5. Click to enter the PTZ preset configuration panel.

6. Use the direction buttons and other buttons to control the PTZ movement.
7. Select a PTZ preset number from the preset list and click .
8. Create a name for the preset in the pop-up dialog box.
9. Click **OK** to save the settings.
10. **Optional:** After adding the preset, you can do one or more of the followings:

| | |
|---|---|
| **Call Preset** | Double-click the preset, or select the preset and click . |
| **Edit Preset** | Select the preset from the list and click . |
| **Delete Preset** | Select the preset from the list and click . |

## 5.6.2 Configure Patrol

A patrol is a scanning track specified by a group of user-defined presets (including virtual presets), with the scanning speed between two presets and the dwell time of the preset separately programmable.

**Before You Start**

Two or more presets for one PTZ camera need to be added.

Perform this task to add and call a patrol.

**Steps**

1. Enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Live View** at the bottom if the playback page displays.
3. Click to enter the PTZ Control mode.
4. Click to enter the PTZ patrol configuration panel.
5. Add presets to the patrol.
   1) Select a patrol number from the drop-down list and click .
   2) Select **Device Preset** or **Virtual Preset** as the preset type.
   3) Click + to add a configured preset, and set the dwell time and patrol speed.

**Note**

- The preset dwell time ranges from 1 to 30s.
- The patrol speed ranges from 1 to 40.

4) Repeat the above step to add other presets to the patrol.

**Note**

By default, the first preset is added to the patrol list. Double-click the preset, speed, and dwell time to access a drop-down configuration list.

6. **Optional:** Perform the following operations after you add the preset.

| | |
|---|---|
| **Edit Added Preset** | Double-click the corresponding field of the preset to edit the settings. |
| **Remove Preset from Patrol** | Click ✕ to remove the preset from the patrol. |
| **Adjust Preset Sequence** | Click ↑ ↓ to adjust the presets sequence. |

7. Click **OK** to save the patrol settings.

**Note**

Up to eight patrols can be configured.

8. **Optional:** After setting the patrol, you can do one or more of the followings:

| | |
|---|---|
| **Call Patrol** | Click to start the patrol. |
| **Stop Calling Patrol** | Click to stop the patrol. |

### 5.6.3 Configure Pattern

Patterns can be set to record the movement of the PTZ.

Perform this task to add a pattern.

**Steps**

1. Enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Live View** at the bottom if the playback page displays.

3. Start live view.
4. Click to enter the PTZ Control mode.
5. Click to enter the PTZ pattern configuration panel.
6. Click to start recording the movement path of the pattern.
7. Use the direction buttons and other buttons to control the PTZ movement.
8. Click to stop and save the pattern recording.

**Note**

Only one pattern can be configured, and the newly-defined pattern will overwrite the previous one.

9. **Optional:** After setting the pattern, you can do one or more of the followings:

| | |
|---|---|
| **Call Pattern** | Click to call the pattern |
| **Stop Calling Pattern** | Click to stop calling the pattern. |
| **Delete Pattern** | Click × to clear the recorded pattern. |

# 5.7 Manual Recording and Capture

You can record video files and capture pictures manually during live view.

**Manual Recording**

You can record the live video on the Live View page manually and store the video files in the local PC.

**Capture**

You can capture pictures during live view and store the pictures in the local PC.

## 5.7.1 Manual Recording

You can record the live video on the Live View page manually and store the video files in a local PC.

Perform following steps to record the live video.

**Steps**

1. Enter **Monitoring** module and click **Go to Live View** at the bottom if the Playback page is shown.

2. Move the mouse to the live view display window to show the toolbar.

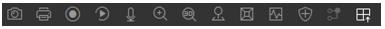

**Figure 5-4 Toolbar**

3. Click in the toolbar of the display window to start the manual recording. The icon turns to .

**Note**

During the manual recording, **Recording** will display in the upper-right corner of the display window.

4. Click to stop the manual recording.

   The recorded video file will be saved automatically and a dialog with the saving path of the file will open.

**Note**

- The saving path of video files can be set on the Local Configuration interface. For details, see ***Set File Saving Path***.
- The video cannot be stored if the free space is less than 2 GB.

5. **Optional:** Click **Open Folder** on the dialog to verify the video file.

## 5.7.2 View Manually Recorded Videos

The manually recorded files in Live View are stored on the PC on which the Control Client is running. You can view the video files.

Perform the following steps to view the manually recorded videos.

**Steps**

1. On the Control Panel, click **Local Recording** to enter the Local Recording page.
2. Click to select the camera(s) to be searched from the camera list and click **Close** to close the camera selection window.
3. Set the time period for search

   **Option 1** Set the time period for search in the Time field.

   **Option 2** Select **Custom Time Interval** to specify the start time and end time for the search.

4. Click **Search**.

   The video files recorded between the start time and end time will display.

5. Select the files or check **All** to select all the found video file(s). You can:

| | |
|---|---|
| **Upload Video File to FTP Sever** | To upload the selected video file(s) to a configured FTP server, click **Upload** and in the pop-up window, click **Start All** to start the task.<br>You can also click **Upload Queue** to verify the upload status.<br>**Note**<br>You should configure the FTP settings before uploading the video files to FTP server. For details, see ***Set File Saving Path***. |
| **Save Video File to Local PC** | Click **Save as** and then specify a local path to save the selected video file(s). |
| **Delete Video File** | Click **Delete** to delete the selected video file(s). |

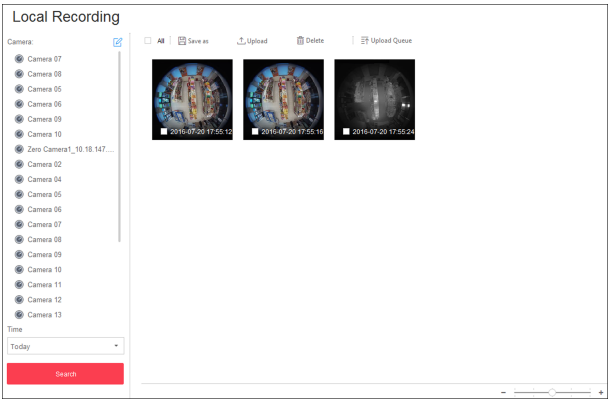


**Figure 5-5 Local Recording**

To play a video file using the VSPlayer, click on the video file.

**Note**

For detailed instructions about VSPlayer, click and select **User Manual** to view the VSPlayer user manual.

## 5.7.3 Capture Pictures

When you are in an emergency situation, you can capture pictures during live view.

Perform the following steps to capture picture during live view.

**Steps**

1. Click **Monitoring** to enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Live View** at the bottom to enter the live view page, if the playback page displays.
3. Move the cursor to the live view display window to show the toolbar.
4. Click in the toolbar of the display window to capture a picture.

   The captured picture will be saved automatically and a dialog with the saving path will open.

   **Note**

   - The saving path of the captured picture can be set on the Local Configuration interface. For details, see ***Set File Saving Path***.
   - The picture cannot be saved if the free space is less than 512 MB.

5. **Optional:** Click **Open Folder** on the dialog to verify the picture or click **Edit** to edit the picture.

   **Note**

   For details about editing the captured picture, refer to ***Edit Captured Picture***.

6. **Optional:** Click **Search by Picture** to open video search window. Refer to ***Search Face Picture and Related Video by Picture*** for more details.

## 5.7.4 Edit Captured Picture

After capturing a picture during live view, you can edit the captured picture according to actual needs and save the edited picture.

**Before You Start**

Capture a picture during live view, and a dialog with the saving path of the captured picture will be popped up.

Perform the following steps to edit the captured picture.

**Steps**

1. Enter **Monitoring** module and click **Go to Live View** at the bottom if the Playback page is shown.
2. Click **Edit** on the dialog with the saving path of the captured picture to pop up the following window.

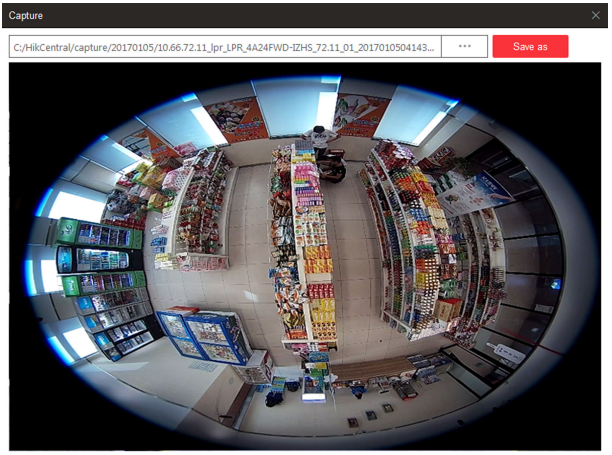


**Figure 5-6 Capture Dialog**

3. Drag on the captured picture to draw as desired.
4. **Optional:** Click **Browse** to select the saving path and click **Save**.

**Note**

The picture cannot be saved if the free space is less than 512 MB.

## 5.7.5 View Captured Pictures

The captured pictures in Live View are stored on the PC on which the Control Client is running.

Perform the following steps to view the captured pictures.

**Steps**

1. On the Control Panel, click **Local Picture**to enter the Local Picture page.
2. Click to select the camera(s) to be searched from the camera list, and click **Close** to close the camera selection window.

3. Set the time period for the search.

| | |
|---|---|
| **Option 1** | Set the time period for search in the Time field. |
| **Option 2** | Select **Custom Time Interval** to specify the start time and end time for search. |

4. Click **Search**.

   The pictures captured between the start time and end time will display.

5. **Optional:** Double-click the captured picture to enlarge it for a better view.
6. **Optional:** Select the picture(s) or click **All** to select all the found picture(s). You can:

| | |
|---|---|
| **Upload Picture to Configured FTP Server** | To upload pictures to a configured FTP server, click **Upload** and in the pop-up window, click **Start All** to start the task.<br>You can click **Upload Queue** to verify the upload status.<br>**Note**<br>To upload the pictures to FTP server, the FTP settings need to be configured before proceeding. For details, see ***Set File Saving Path***. |
| **Print Pictures** | Click **Print** to print the selected pictures to a printer connected via the network. |
| **Save Picture to Local PC** | Click **Save As** and then specify a local path to save the selected picture(s). |
| **Delete Picture** | Click **Delete** to delete the selected picture(s). |

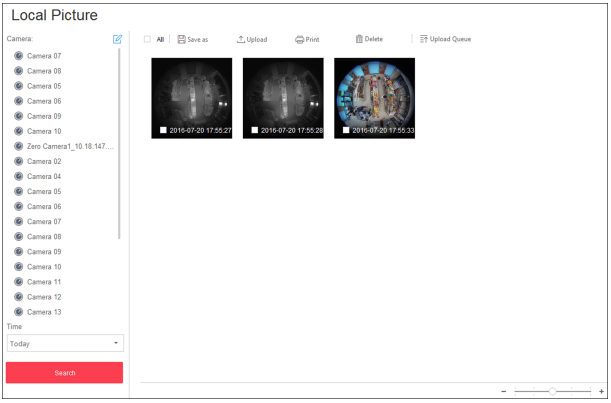


**Figure 5-7 Local Picture**

# 5.8 Customize Window Division

You can create custom window divisions according to actual needs.

Perform the following steps to customize window division.

**Steps**

1. Enter the Monitoring module.

   The live view or playback page displays.

2. **Optional:** Click **Go to Live View** at the bottom to enter the live view page, if the playback page displays.

3. Click on the Live View toolbar at the bottom of the page.

4. Click **Add** to show the custom window division panel.

   **Note**

   Up to five custom window divisions can be added.

5. Enter the name for the new window division.

6. Select a window division from the drop-down list to use.

7. Click **Save** to confirm the settings and exit.

8. **Optional:** Click and select the custom window division for playing video.

**Note**

- You can also enter the Playback page and perform the steps above to configure the custom window division.
- For playback, up to 16 windows can be played at the same time. A custom window division with more than 16 windows is invalid for playback.

## 5.9 View Fisheye Camera's Live Video

You can view the live video of the fisheye camera in fisheye dewarping mode and perform the PTZ control for the camera.

Perform this task when you need to start live view and perform PTZ control for fisheye camera.

**Steps**

**Note**

Fisheye dewarping mode is not supported if GPU hardware decoding is enabled.

1. Start the live view for a fisheye camera (refer to ***Start Live View in Area Mode*** and ***Start Live View in View Mode***).
2. Move the mouse to the live view display window and click to enter the fisheye dewarping mode.
3. Drag on the live video to adjust the view angle.
4. Scroll the mouse wheel to zoom in or out the view.
5. Use the PTZ panel to perform PTZ control of the camera.

   **Note**

   For details about PTZ control, refer to ***PTZ Control***.

## 5.10 View ANPR Camera's Live Video

You can view the live video of ANPR camera via the Control Client. The license plate number of the passing vehicle is recognized and displayed on the right side of the live view window. You can mark the vehicle, add the vehicle to the vehicle list, and search the passing vehicle information.

**Before You Start**

Add an ANPR camera to the system via Web Client. For adding camera, refer to *User Manual of HikCentral Web Client*.

Perform this task when you need to view ANPR camera's live video.

**Steps**

1. Click **Monitoring** on My Dashboard to enter Monitoring page.

   **Note**

   If Playback page is shown, click **Go to Live View** at the bottom to enter Live View page.

2. **Optional:** Click and select the window division mode for live view.
3. Start the live view of ANPR camera.
   - Drag the ANPR camera from the device list on the left to the display window to start live view.
   - Double-click the ANPR camera name in the device list on the left to start live view.

**Figure 5-8 Live View of ANPR Camera**

4. Perform the following operation(s) after starting the live view of ANPR camera.

| | |
|---|---|
| **Mark Vehicle** | Move the cursor to the recognized license plate number and click to mark the vehicle. The marked vehicles can be filtered out when searching the related vehicle passing information in Vehicle Search module. |
| **Add to List** | If the vehicle is not added to the vehicle list, you can add the new vehicle to the vehicle list manually. Move the cursor to the recognized license plate number and click to add the vehicle. See ***Add to Vehicle List*** for details. |

| | |
|---|---|
| **Search Vehicle** | Move the cursor to the recognized license plate and click to enter the Vehicle Search page to search the related vehicle passing information recorded by the camera. For details, refer to ***Search Vehicles Recognized by ANPR Camera or Under Vehicle Surveillance System***. |

## 5.11 Add to Vehicle List

When starting live view of ANPR camera or Under Vehicle Surveillance System (UVSS), the license plate number of the passing vehicle can be recognized. If the recognized vehicle is not added to the vehicle list, you can add the vehicle to the vehicle list manually.

**Before You Start**

You should add a vehicle list via Web Client. Refer to *User Manual of HikCentral Web Client* for details.

Perform this task when you need to add the vehicle to the vehicle list.

**Steps**

**Note**

Only when the recognized vehicle is not added to the vehicle list, you can add it to the list.

1. Click **Monitoring** on My Dashboard to enter Monitoring page.

   **Note**

   If Playback page is shown, click **Go to Live View** at the bottom to enter Live View page.

2. Start live view of ANPR camera or UVSS.
   - Drag the ANPR camera or UVSS from the device list on the left to the display window to start live view.
   - Double-click the ANPR camera name or UVSS name in the device list on the left to start live view.

   The detected license plate number is recognized and displayed on the right side of the live view window.

3. Move the cursor to the recognized license plate number, click , and click to display the Add to Vehicle List window.

**Note**

You can also click after searching for the passing vehicle information on Vehicle Search page to display the Add to Vehicle List window.

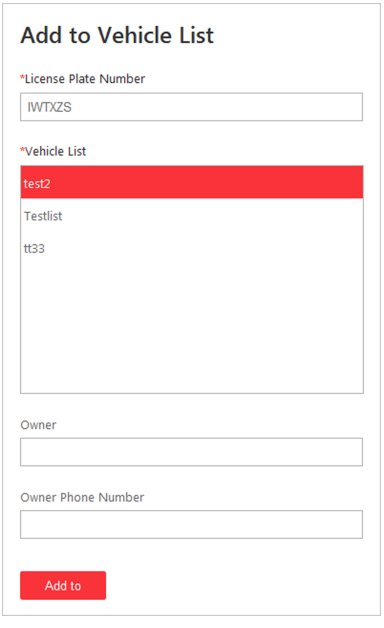


**Figure 5-9 Add to Vehicle List**

4. Select the vehicle list you want to add to.
5. **Optional:** Edit the license plate number, owner, and owner phone number as desired.
6. Click **Add to** to add the vehicle to the vehicle list.

## 5.12 View Under Vehicle Surveillance System's Live Video

You can view the live video of Under Vehicle Surveillance System (UVSS) via the Control Client. The undercarriage picture of the passing vehicle is captured and displayed on the live view window. The license plate number of the passing vehicle is recognized and displayed on the right side of the live view window. You can mark the

vehicle, add the vehicle to the vehicle list, and search the passing vehicle information.

**Before You Start**

Add a UVSS to the system via Web Client. Refer to *User Manual of HikCentral Web Client* for details.

Perform this task when you need to view UVSS's live video.

**Steps**

1. Click **Monitoring** on My Dashboard to enter Monitoring page.

   **Note**

   If Playback page is shown, click **Go to Live View** at the bottom to enter Live View page.

2. Click and select the window division mode for live view.
3. Start the live view of UVSS.
   - Drag the UVSS from the device list on the left to the display window to start live view.
   - Double-click the UVSS name in the device list on the left to start live view.

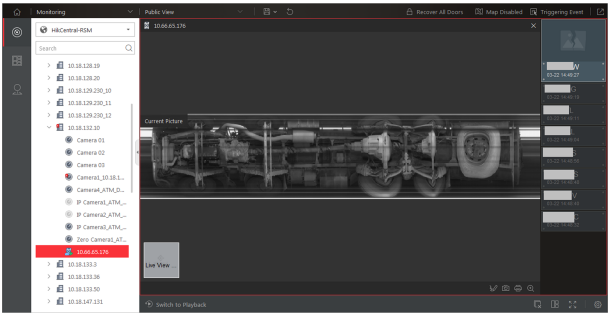


**Figure 5-10 Live View of UVSS**

You can view the live video of the UVSS linked camera, the undercarriage picture, and recognized license plate number of the passing vehicles.

4. Perform the following operation(s) after starting live view of UVSS.

| | |
|---|---|
| **Mark on Undercarriage Picture** | Click on the toolbar and drag on the undercarriage picture to mark important information. |

| | |
|---|---|
| **Mark Vehicle** | Move the cursor to the recognized license plate number and click to mark the vehicle. The marked vehicles can be filtered when searching the related vehicle passing information in Vehicle Search module. |
| **Add Vehicle to Vehicle List** | If the vehicle is not added to the vehicle list, you can add the new vehicle to the vehicle list manually. Move the cursor to the recognized license plate number and click to add the vehicle. See ***Add to Vehicle List*** for details. |
| **Search Vehicle** | Move the cursor to the recognized license plate and click to enter the Vehicle Search page to search the related vehicle passing information. For details, refer to ***Search Vehicles Recognized by ANPR Camera or Under Vehicle Surveillance System***. |

## 5.13 View Detected Face in Live View

After setting the face comparison group and apply it to the camera which supports face picture comparison, the detected face will pup up in the display window when you are viewing the live video. You can view the face comparison information, add the picture to face comparison group and search video by face picture.

**Before You Start**

Add the required device and configure the face comparison group. Refer to the User Manual of HikCentral Web Client.

Perform this task when you need to view the detected face in live view.

**Steps**

**Note**

This function should be supported by the device.

1. Click **Monitoring** to enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Live View** at the bottom to enter the live view page, if the live view page displays.

3. Click and select the window division mode for live view.

4. Start live view.

- Drag the camera from the device tree on the left to the display window.
- Double-click the camera name to start the live view.

The combining picture with captured picture and the matched picture in face comparison group will list on the right of the display window.

5. **Optional:** Perform the following operations if required.

| | |
|---|---|
| **Viewing face details** | Click to view the face comparison information, including the captured picture, the matched picture, capturing time, capturing camera and other details. |
| **Adding to face comparison group** | Click to open the Add to Person List page and add the face picture to face comparison group. |
| **Searching by picture** | Click to open video search window. Refer to ***Search Face Picture and Related Video by Picture*** for more details. |

**What to do next**

Enter the tasks the user should do after finishing this task (optional).

## 5.14 Control Door in Live View

You can view the live video of the door with the camera(s) linked, control the door status, and view the card swiping record in real time. When the door links two cameras, the video will display in Picture-in-Picture mode, and you can view the live video of the two cameras in one display window.

**Before You Start**

Link one or two cameras with the door of the access control device in advance.

Perform this task when you want to control door in live view.

**Steps**

1. Click **Monitoring** to enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Live View** at the bottom to enter the live view page, if the playback page displays.
3. Drag the door to the display window, or double-click the door name after selecting the display window.

The display window will play the live view of the linked camera(s) and show the current door status on the upper right corner. If two cameras are linked, the live video will display in Picture in Picture mode, which means one is at the bottom left of the other one.

**Note**

- If the door hasn't linked any camera, the display window will show the door status only.
- The card swiping record will overlap the display window in real time, if the event happens.

4. **Optional:** In Picture in Picture mode, click the smaller video view to switch the view position of the two cameras.

**Note**

The two video views are independent, and the abnormal one cannot influence the other.

5. **Optional:** Hover over the icon on the upper right corner of the display window, and switch the door status among **Unlock**, **Lock**, **Remain Unlocked**, **Remain Locked**.
6. **Optional:** Perform the follow operations after starting the live video of the door.

| | |
|---|---|
| **All doors status control** | Click **Lock All Doors** or **Recover All Doors** on the top of the live view window to switch the door status to normal or locked. |
| **Triggering Event** | Click **Triggering Event** to select the user-defined event. |

## 5.15 Stop Live View

You can stop the live view as desired.

You can perform the following steps to stop the live view.

**Steps**

1. Select the display window.
2. Click that appears in the upper-right corner when the mouse pointer is over the display window. You can also click in live view toolbar to stop all the live view.

## 5.16 More Functions

There are some other functions supported in the live view, including auxiliary screen preview, digital zoom, two-way audio, camera status, and arming control.

### Auxiliary Screen Preview

Live video can be displayed on different auxiliary screens to monitor multiple scenes. Click above the display window area to open an auxiliary screen. Up to three auxiliary screens for live view are supported.

### Digital Zoom

Move the mouse to the live view display window and click . Use the left key of mouse to drag a rectangle on an area you wish to zoom into in the lower-right/upper-left direction.

### Two-way Audio

Move the mouse to the live view display window and click . Two-way audio function enables audio on supported cameras. You can get not only the live video but also the real-time audio from the camera. For other operations, refer to ***Tools***.

**Note**

This function is not supported by the cameras added in Remote Site.

### Camera Status

Move the mouse to the live view display window and click . The camera status, such as recording status, signal status, connection number, etc., can be detected and displayed. The default inspection interval for the camera status is 3 minutes.

### Arming Control

Move the mouse to the live view display window and click . The status of the enabled event detection (e.g., motion detection, video loss) of the

camera displays, such as arming status, alarm name and alarm level. You can click **Disarm** or **Disarm All** to disable the event detection and set the disarming duration. You can also click **Arm** or **Arm All** to enable the event detection.

## 5.17 Customize Icons on Live View Window

You can customize the icons shown on the toolbar of the display window and other display settings for live view control.

Perform this task when you need to customize icons on live view window.

**Steps**

1. Click **System** on the control panel to enter the System page.
2. Click **Live View** to enter the Live View Settings page.
3. Customize the live view toolbar.
   - Click an icon in the list to add it to the gray frame below to hide the icon. Icons in the gray frame will be hidden in the toolbar of the live view window.
   - Click the icon in the gray frame to add it back to the live view toolbar to show an icon on the toolbar.
4. Drag the icons in the icon list to adjust icon positions.
5. **Optional:** Set the **Always Display Toolbar** to **ON** to always display the toolbar on the live view window.
6. Select the position to display the event information, including ANPR event, face comparison event, and access control event.

   **At the Bottom of the Client**

   Display the event information in the event list below.

   **On the Right of Each Window**

   Display the received event on the right of each display window, and overlay the latest received event on the image.
7. Click **Save**.

# 6 Playback

You can search video files by area, camera, or event, and then can be played.

## 6.1 Normal Playback

You can search video files by area or camera for the Normal Playback and download found video files to local PC. You can also add a tag to mark important video footage, and so on.

### 6.1.1 Search Video File

You can search video files by camera, by area, or by time for normal playback. And you can also filter the searched video files by video type or by storage location.

Perform this when you need to search a specific video files.

**Steps**

1. Enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Playback** at the bottom to enter the playback page, if the live view page displays.

   **Note**

   The playback window supports up to 16 channels. If exceeding the limit in live video display window, select the channels within 16 before switching to playback.

   The playback window will play today's recording of the selected channel in live view window.

3. **Optional:** Drag the camera or area to the display window, or double-click the camera or area to play the recording of the specified camera(s) in selected window.

4. Click on the toolbar to set the date and time to search video files by time.

**Note**

- In the calendar, the date with video files will be marked with a triangle.
- Searching video files via calendar is not supported by the cameras added in remote site.

After selecting the date and time, the matched video files will start playing in the display window.

5. **Optional:** Click on the toolbar to select video type, storage location, and video stream type for playback.

**Note**

- To set the storage location for recording, refer to *User Manual of HikCentral Web Client*.
- Video stream type is only available for cameras support dual-streams.

### 6.1.2 Play Video File

After searching the video files for the normal playback, you can play the video via timeline or thumbnails.

Perform this task when you need to play the video files.

**Steps**

1. Click **Monitoring** to enter the Monitoring module.

   The live view or playback page displays.

2. **Optional:** Click **Go to Playback** at the bottom to enter the playback page, if the live view page displays.

   **Note**

   The playback window supports up to 16 cameras. If more than 16 cameras are during live view, deselect the extra cameras before switching to playback.

   The playback window will play today's recording of the selected channel in live view window.

3. Select a date with videos to start playing video and show the timeline after searching the video files.

**Note**

The timeline indicates the time duration for the video files, and the video files of different types are color coded.

4. Play video in specified time period by timeline or thumbnails.
   - Drag the timeline forward or backward to position the desired video segment.
   - Move the cursor over the timeline to take a quick view of video thumbnails (if supported by the device) and click the appearing thumbnail to play the specific video segment.
   - For timeline bar, click the icon / , or use the mouse wheel to zoom in or zoom out on the timeline
   - For thumbnail bar, move the cursor to the top border and drag the mouse to adjust the height of the thumbnails when the cursor changes into . You can also click to lock the thumbnail bar above the playback timeline, and click to hide the thumbnail bar automatically.
5. **Optional:** Move the cursor over the lower edge of the recording video display window to show toolbar. Perform the following operations if needed.

| | |
|---|---|
| **Tag Control** | Click to add custom tag for the video file to mark the important video point. You can also edit the tag or go to the tag position conveniently.<br>**Note**<br>Adding tag is not supported by the cameras added in remote site. |
| **Lock Video** | Click to lock the video file and set the locking duration to avoid deleting the video file and protect the video file from being overwritten when the HDD is full.<br>**Note**<br>Locking files is not supported by the cameras added in remote site. |
| **Open Digital Zoom** | Click to enable the digital zoom function. Click again to disable the function. |

**Note**

When in software decoding mode, you can also capture the zoomed in picture after enabling digital zoom function.

**Fisheye Dewarping**

This icon is available for fisheye camera for entering the fisheye dewarping mode. See ***View Fisheye Camera's Live Video***.

**VCA Playback**

Click to display the VCA Search window. You can set VCA rule to search video files and filter the videos by VCA event types, including VCA Search, Intrusion Detection, and Line Crossing Detection. Refer to ***Search VCA Event Related Video*** for more details.

**Camera Status**

Click to show the camera's recording status, signal status, connection number, etc.

**Arming Control**

Click to open the arming control window of the camera in live view.

**Stream Switch**

Click or to switch the live view stream to main stream or sub-stream.

**Playback on Smart Wall**

Click to view the playback on smart wall. See ***Manage Smart Wall*** for details.

**Transcoding Playback**

Click to start transcoding. You need to set the resolution, frame rate and bitrate for transcoding.

**Note**

Only video files stored in DVR devices support transcoding playback.

**Audio Control**

Click or to turn off/on the sound.

**Note**

You can adjust the volume when moving the cursor on .

## 6.2 Start Playback in View Mode

You can quickly access the playback of the cameras managed in a view.

Perform this task when you start playback in view mode.

**Steps**

1. Click **Monitoring** on My Dashboard to enter Monitoring page.
2. Click to enter the view mode.

   **Note**

   If the Live View page is shown, click **Go to Playback** at the bottom to enter the Playback page.

3. **Optional:** Add a view if no view is available. Refer to ***Manage View*** for details.
4. Click a view to quickly start the playback of all the cameras related to the view.

   **Note**

   You can also quickly switch the added view from the drop-down view list above the displaying windows.

## 6.3 View Map in Playback

When you view the resources on the map, you can drag the resources to the display window to view the playback of surveillance scenarios quickly.

**Before You Start**

Configure the map settings via the Web Client. For details, see *User Manual of HikCentral Web Client*.

Perform this task when you need to view map in playback.

**Steps**

1. Click **Monitoring** on My Dashboard to enter the Monitoring page.

   **Note**

   If Live View page is shown, click **Go to Playback** at the bottom to enter Playback page.

2. Click **Map Disabled** to display the map.
3. Click and select the window division mode shown in the display area.
4. Start playback of the resource on the map. For detailed playback control instructions, refer to ***Play Video File***.

- Drag one resource to the display window to start playback.
- Click , select , and drag on the map to select multiple resources. Drag the selected resources to the display window to start playback.

**Note**

- Up to 16 resources can be selected.
- The display windows adapt to the number of selected resources.

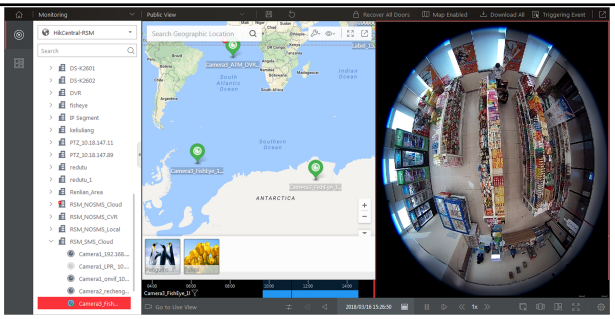


**Figure 6-1 View Map in Playback**

# 6.4 Synchronous Playback

You can play the video files of different cameras synchronously.

Perform this task when you need to play video files in synchronization.

**Note**

Video files from up to 16 cameras can be played simultaneously.

**Steps**

1. Click **Monitoring** to enter the Monitoring module.

   The live view or playback page displays.

2. **Optional:** Click **Go to Playback** at the bottom to enter the playback page, if the live view page displays.
3. Start normal playback of at least two cameras.

**Note**

For detailed configuration about normal playback and playback control, refer to ***Normal Playback***. Some icons may not be available for synchronous playback.

4. Click on the playback toolbar to enable the synchronous playback.

   The cameras displayed in Playback will start synchronous playback.

5. **Optional:** Click on the playback toolbar to disable synchronous playback.

6. **Optional:** Move the cursor over the lower edge of the recording video display window to show toolbar. Perform the following operations if needed.

| | |
|---|---|
| **Tag Control** | Click to add custom tag for the video file to mark the important video point. You can also edit the tag or go to the tag position conveniently.<br>**Note**<br>Adding tag is not supported by the cameras added in remote site. |
| **Lock Video** | Click to lock the video file and set the locking duration to avoid deleting the video file and protect the video file from being overwritten when the HDD is full.<br>**Note**<br>Locking files is not supported by the cameras added in remote site. |
| **Open Digital Zoom** | Click to enable the digital zoom function. Click again to disable the function.<br>**Note**<br>When in software decoding mode, you can also capture the zoomed in picture after enabling digital zoom function. |
| **Fisheye Dewarping** | This icon is available for fisheye camera for entering the fisheye dewarping mode. See ***View Fisheye Camera's Live Video***. |
| **VCA Playback** | Click to display the VCA Search window. You can set VCA rule to search video files and filter the videos by |

| | |
|---|---|
| | VCA event types, including VCA Search, Intrusion Detection, and Line Crossing Detection. Refer to ***Search VCA Event Related Video*** for more details. |
| **Camera Status** | Click to show the camera's recording status, signal status, connection number, etc. |
| **Arming Control** | Click to open the arming control window of the camera in live view. |
| **Stream Switch** | Click or to switch the live view stream to main stream or sub-stream. |
| **Playback on Smart Wall** | Click to view the playback on smart wall. See ***Manage Smart Wall*** for details. |
| **Transcoding Playback** | Click to start transcoding. You need to set the resolution, frame rate and bitrate for transcoding.<br>**Note**<br>Only video files stored in DVR devices support transcoding playback. |
| **Audio Control** | Click or to turn off/on the sound.<br>**Note**<br>You can adjust the volume when moving the cursor on . |

## 6.5 Fisheye Playback

You can play the video files of a fisheye camera in fisheye dewarping mode.

Perform this task when you need to play video files of fisheye camera in fisheye dewarping mode.

**Steps**

**Note**

Fisheye dewarping mode is not supported if GPU hardware decoding is enabled.

1. Enter the Monitoring module.

The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Playback** at the bottom to enter the playback page, if the live view page displays.
3. Select a fisheye camera to start playback.

**Note**

For detailed configuration about playback and playback control, refer to ***Normal Playback***.

4. Move the cursor to the display window and click on the appearing toolbar to enter the fisheye dewarping mode.
5. Drag on the video to adjust the view angle.
6. Scroll the mouse wheel to zoom in or out the view.

## 6.6 Customize Icons on Playback Window

You can customize the icons shown on the toolbar of the display window for playback control.

Perform this task when you need to customize icons on playback window.

**Steps**

1. Click **System** on the control panel to enter the System page.
2. Click **Playback** to enter the Playback Settings page.
3. Customize playback toolbar.
   - Click an icon in the list to add it to the gray frame below to hide the icon. Icons in the gray frame will be hidden in the toolbar of the playback window.
   - Click the icon in the gray frame to add it back to the playback toolbar to show an icon on the toolbar.
4. Drag the icons in the icon list to adjust icon positions.
5. **Optional:** Set the**Always Display Toolbar** switch to **ON** to always display the toolbar on the playback window.
6. Click **Save**.

# 7 Video Search

The video files stored on local devices or Recording Server can be searched.

## 7.1 Search Tagged Video Footage

You can search for the camera's tagged video footage.

Perform this task when you need to search the video footage which is added with tag.

**Note**

For adding tag to the video file, refer to ***Play Video File***.

**Steps**

1. Click **Video Search** to enter the Video Search page.
2. Click **Video Clip** tab to search for video footage.
3. Select the search type as **Tag**.
4. **Optional:** Enter the keyword of tag name to search.
5. Select cameras.
   1) Click in this camera panel.
   2) Select a current site or remote site from the drop-down site list to show its cameras.
   3) Check the cameras you want to search.
   4) Click **Close**.

   **Note**

   - Up to 16 resources can be selected for search at the same time.
   - The icon and represent the current site and remote site, respectively.
6. **Optional:** Move the mouse to the selected camera and click to switch the storage location between **Main Storage** or **Auxiliary Storage**.
7. Set the time period for search in Time field.
   - Select the predefined time period in the drop-down list.
   - Select **Custom Time Interval** to specify the start time and end time for the search.

8. Click **Search** to find the related video footage.

   The search results will be displayed. You can switch between thumbnail and list mode to view.

9. **Optional:** Download the searched video footage to local storage.
   - Click to download the selected video footage.
   - Click **Download All** to download all searched video footage of the specified camera.

10. **Optional:** Start remote playback of the searched video footage.
    - For list mode, click the object in Time Range column
    - For thumbnail mode, click the image of the searched result.

    **Previous**

    Play the previous video footage among the searched results.

    **Next**

    Play the next video footage among the searched results.

    **Play in Order**

    After playing the current video footage, continue to play the next one automatically.

    **Note**

    Refer to ***Normal Playback*** for more details of playback.

## 7.2 Search Locked Video Footage

You can search for the camera's locked video footage.

Perform this task when you need to search for the locked video footage.

**Note**

For locking the video file, refer to ***Normal Playback***.

**Steps**

1. Click **Video Search** to enter the Video Search page.
2. Click **Video Clip** tab to search for video footage.
3. Select the search type as **Locked File**.
4. Select cameras.

   1) Click in this camera panel.

2) Select a current site or remote site from the drop-down site list to show its cameras.

3) Check the cameras you want to search.

4) Click **Close**.

**Note**

- Up to 16 resources can be selected for search at the same time.
- The icon and represent the current site and remote site, respectively.

5. **Optional:** Move the mouse to the selected camera and click to switch the storage location between **Main Storage** or **Auxiliary Storage**.

6. Set the time period for search in Time field.
   - Select the predefined time period in the drop-down list.
   - Select **Custom Time Interval** to specify the start time and end time for the search.

7. Click **Search** to find the related video footage.

   The search results will be displayed. You can switch between thumbnail and list mode to view.

8. **Optional:** Download the searched video footage to local storage.
   - Click to download the selected video footage.
   - Click **Download All** to download all searched video footage of the specified camera.

9. **Optional:** Start remote playback of the searched video footage.
   - For list mode, click the object in Time Range column
   - For thumbnail mode, click the image of the searched result.

   **Previous**

   Play the previous video footage among the searched results.

   **Next**

   Play the next video footage among the searched results.

   **Play in Order**

   After playing the current video footage, continue to play the next one automatically.

**Note**

Refer to ***Normal Playback*** for more details of playback.

# 7.3 Search Interval Video Footage

You can search for the video footage according to the configured interval.

Perform this task when you need to search for the interval video footage.

**Steps**

1. Click **Video Search** to enter the Video Search page.
2. Click **Video Clip** tab to search for video footage.
3. Select the search type as **Interval**.
4. Set the interval.
5. Select cameras.
   1) Click in this camera panel.
   2) Select a current site or Remote Site from the drop-down site list to show its cameras.
   3) Check the cameras you want to search.
   4) Click **Close**.

   **Note**

   - Up to 16 resources can be selected for search at the same time.
   - The icon and represent the current site and remote site, respectively.

6. **Optional:** Move the mouse to the selected camera and click to switch the storage location between **Main Storage** or **Auxiliary Storage**.
7. Set the time period for search in Time field.
   - Select the predefined time period in the drop-down list.
   - Select **Custom Time Interval** to specify the start time and end time for the search.
8. Click **Search** to find the related videos.

   The search results will be displayed. You can switch between thumbnail and list mode to view.
9. **Optional:** Download the searched video footage to local storage.
   - Click to download the selected video footage.
   - Click **Download All** to download all searched video footage of the specified camera.
10. **Optional:** Start remote playback of the searched video footage.

- For list mode, click the object in Time Range column.
- For thumbnail mode, click the image of the searched result.

**Previous**

Play the previous video footage among the searched results.

**Next**

Play the next video footage among the searched results.

**Play in Order**

After playing the current video footage, continue to play the next one automatically.

**Note**

Refer to ***Normal Playback*** for more details of playback.

## 7.4 Search Segmented Video Footage

You can search for the camera's video footage in specific number of segment.

Perform this task when you need to search the video footage and segment it into specific number of segments.

**Steps**

1. Click **Video Search** to enter the Video Search page.
2. Click **Video Clip** tab to search for video footage.
3. Select the search type as **Segment**.
4. Enter the number of segments.
5. Select cameras.
   1) Click in this camera panel.
   2) Select a current site or remote site from the drop-down site list to show its cameras.
   3) Check the cameras you want to search.
   4) Click **Close**.

**Note**

- Up to 16 resources can be selected for search at the same time.
- The icon and represent the current site and remote site, respectively.

6. **Optional:** Move the mouse to the selected camera and click to switch the storage location between **Main Storage** or **Auxiliary Storage**.
7. Set the time period for search in Time field.
   - Select the predefined time period in the drop-down list.
   - Select **Custom Time Interval** to specify the start time and end time for the search.
8. Click **Search** to find the related video footage.

   The search results will be displayed. You can switch between thumbnail and list mode to view.
9. **Optional:** Download the searched video footage to local storage.
   - Click to download the selected video footage.
   - Click **Download All** to download all searched video footage of the specified camera.
10. **Optional:** Start remote playback of the searched video footage.
    - For list mode, click the object in Time Range column
    - For thumbnail mode, click the image of the searched result.

    **Previous**

    Play the previous video footage among the searched results.

    **Next**

    Play the next video footage among the searched results.

    **Play in Order**

    After playing the current video footage, continue to play the next one automatically.

    **Note**

    Refer to ***Normal Playback*** for more details of playback.

## 7.5 Search Transaction Event Triggered Video Footage

You can search for the video footage triggered by transaction event which contains POS information.

Perform this task when you need to search the transaction event triggered video footage.

**Steps**

1. Click **Video Search** to enter the Video Search page.

2. Click **Video Clip** tab to search for video footage.
3. Select the search type as **Transaction Event**.
4. Enter the keywords that are contained in the POS information.

**Note**

- You can enter up to three keywords, and you should separate each one with a space.
- If you enter more than one keyword for search, you can select "|" to search the POS information containing any of the keywords, or select "&" to search the POS information containing all keywords.

5. **Optional:** Select **Case Sensitive** to search the POS information with case-sensitivity.
6. Select the device in the Camera field to search the transaction information.
7. **Optional:** Click to switch the storage location between **Main Storage** or **Auxiliary Storage**, and switch the stream between **Main Stream** or **Sub-Stream**.
8. Set the time period for search in Time field.
   - Select the predefined time period in the drop-down list.
   - Select **Custom Time Interval** to specify the start time and end time for the search.
9. Click **Search** to find the related video footage.

   The search results will be displayed. You can switch between thumbnail and list mode to view.
10. **Optional:** Download the searched video footage to local storage.
    - Click to download the selected video footage.
    - Click **Download All** to download all searched video footage of the specified camera.
11. **Optional:** Start remote playback of the searched video footage.
    - For list mode, click the object in Time Range column
    - For thumbnail mode, click the image of the searched result.

    **Previous**

    Play the previous video footage among the searched results.

    **Next**

    Play the next video footage among the searched results.

    **Play in Order**

After playing the current video footage, continue to play the next one automatically.

**Note**

Refer to ***Normal Playback*** for more details of playback.

## 7.6 Search ATM Event Triggered Video Footage

You can search for the video footage triggered by ATM event.

Perform this task when you need to search for the ATM event triggered video footage.

**Steps**

1. Click **Video Search** to enter the Video Search page.
2. Click **Video Clip** tab to search for video footage.
3. Select the search type as **ATM Event**.
4. Input the card number that is contained in the ATM information.
5. Select the device to search the ATM information in the Camera field.
6. **Optional:** Click to switch the storage location between **Main Storage** or **Auxiliary Storage**, and switch the stream between **Main Stream** or **Sub-Stream**.
7. Set the time period for search in Time field.
   - Select the predefined time period in the drop-down list.
   - Select **Custom Time Interval** to specify the start time and end time for the search.
8. Click **Search** to find the related video footage.

   The search results will be displayed. You can switch between thumbnail and list mode to view.
9. **Optional:** Download the searched video footage to local storage.
   - Click to download the selected video footage.
   - Click **Download All** to download all searched video footage of the specified camera.
10. **Optional:** Start remote playback of the searched video footage.
    - For list mode, click the object in Time Range column
    - For thumbnail mode, click the image of the searched result.

    **Previous**

    Play the previous video footage among the searched results.

**Next**

Play the next video footage among the searched results.

**Play in Order**

After playing the current video footage, continue to play the next one automatically.

**Note**

Refer to ***Normal Playback*** for more details of playback.

## 7.7 Search VCA Event Related Video

You can search video files where VCA events occur. And you can play or download the found video files. The VCA events include motion detection, intrusion, and line crossing.

Perform this task when you need to search the video files where VCA events occur.

**Steps**

**Note**

- This function should be supported by the device.
- You can only search the VCA event related video of the current site's cameras.
- Video files stored on a Hybrid Storage Area Network do not support VCA event search.

1. Access the VCA Event search page and three ways are selectable.

| | |
|---|---|
| **Access from Live View Page** | a. Enter the Live View page, and start the live view of the camera (refer to ***Start Live View in Area Mode***.<br>b. Move the cursor to the display window and click to pop up the VCA Event search page. |
| **Access from Playback Page** | a. Enter the Playback page, and start playback of the camera (refer to ***Normal Playback***).<br>b. Move the cursor to the display window and click to pop up the VCA Event search page. |
| **Access from Video Search Page** | Click **Video Search → VCA Search → VCA Event** enter the VCA Event search page. |

2. Select the camera to search the video where the VCA event occurs.

**Note**

Perform this step when you access the VCA Event search page from the Video Search module.

3. In the Time field, set the time period for search.

**Note**

You can select **Custom Time Interval** to specify the start time and end time for search.

4. In the Draw VCA Rule field, click to open the rule settings window.

**Note**

Perform this step when you accessing the VCA Event search page from the Video Search module.

5. Select the VCA type, and draw the detection region.
   - **Motion Detection:** Click and drag on the display window to set the grid rectangle as the detection region.
   - **Line Crossing:** Click and drag on the display window to set the detection line.
   - **Intrusion:** Click on the display window to set the vertex(es) for the detection region and right-click to finish drawing.
6. **Optional:** Click to delete the drawn region.
7. Click **OK** to save the settings.

**Note**

Perform this step when you accessing the VCA Event search page from the Video Search module.

8. Adjust the sensitivity for detecting the event. The larger the sensitivity is, the more sensitive the detection is.
9. Click **Search** and the VCA events occurring in the defined region will be displayed.
10. **Optional:** Perform the following operations after searching the video file.

| | |
|---|---|
| **Switch Display Mode** | Click or to show the searched video in list mode or thumbnail mode. |
| **Play** | Click the found video to start playback of the video file. |

**Note**

For playback control instructions, refer to ***Normal Playback***. Some icons may not be available for VCA event playback.

| | |
|---|---|
| **Download** | Hover the mouse over the video and click to download the selected video file. |
| **Download All** | Click **Download All** and select the format to download all the searched video files. |

# 7.8 Search Face Picture and Related Video by Picture

You can upload a face picture for searching the face picture captured by the cameras and check the related video files when face picture captured.

Perform this task when you need to search the face picture by picture.

**Steps**

1. Click **Video Search → VCA Search → Face Picture** to enter the face picture search interface.
2. Select the camera(s) to search the face picture.
3. In the Time field, set the time period for search.

   You can select **Custom Time Interval** to specify the start time and end time for search.
4. Set a picture for search the face picture, and you can choose to use the added person's face picture or upload one as desired.
   - Search and selected the added person in the Person Name field.
   - Click **Upload Picture** to upload a face picture from local PC.

     **Note**

     The uploaded picture should be in JPG format and picture size should be no larger than 1 GB.

   The recognized face area will be marked on the face picture.
5. Drag the slider to set the similarity.
6. Click **Search**.

The searched pictures list on the right panel, and the display mode can be list or thumbnail mode.

7. **Optional:** Perform the following operations for the searched pictures.

| | |
|---|---|
| **Switch Display Mode** | Click or to show the searched results in list mode or thumbnail mode. |
| **View Picture and Video** | Click the picture to view the large picture and the related video (if available).<br>**Note**<br>For playback control instructions, refer to ***Normal Playback***. Some icons may not be available for face picture playback. |
| **Download** | Click to download the current picture and video (if available).<br>Click **Download All** to download all the found pictures and videos. |
| **Add to Person List** | Click and set the required parameters to add the person to the person list. For details about how to set the parameter, refer to the *Manage Person* of *HikCentral Web Client User Manual*. |
| **Secondary Search** | Click to set the found picture as the source picture for face picture search again. The found face pictures of the secondary search list. |

# 8 Video File Download

You can download the video file of the camera for local storage, such as saving them to your PC or connected USB device.

## 8.1 Download Video File

You can download the video file of the camera and save them to your PC or connected USB device.

Perform this task when you need to download the video files.

**Steps**

1. Enter the Monitoring module.

   The live view or playback page will display according to previous operation on this page.

2. **Optional:** Click **Go to Playback** at the bottom to enter the playback page, if the live view page displays.

3. Start normal playback a camera.

   **Note**

   For detailed configuration about normal playback and playback control, refer to ***Normal Playback***.

4. Move the cursor to the display window and click on the appearing toolbar during playback.

5. Click the icon to set the time duration.

   **Note**

   You can also drag the on the timeline to adjust the time duration.

6. Click the icon to set the saving path for the downloaded videos.

7. Select the file format.

   **Note**

   You can select MP4 or AVI. For MP4, you can set password to encrypt the video file.

8. **Optional:** Check the checkbox to enable downloading the VSPlayer automatically after starting to download the video files.
9. Click **Save** to start downloading the videos.

**Note**

- If you want to download all the video files of the cameras currently shown in Playback, click **Download All** above the display window and select the cameras to download their videos.
- To view the downloading process, refer to ***Manage Downloading Tasks***.

## 8.2 Manage Downloading Tasks

You can view the ongoing or completed downloading task information and manage all the tasks (e.g., video downloading, vehicle information downloading), such as starting, stopping, deleting and so on, in the Download Center.

Perform this task when you need to manage the downloading task.

**Steps**

1. Click **Download Center** on the My Dashboard to enter Download Center page.

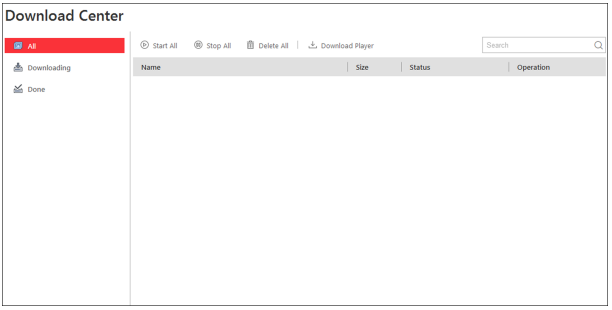


**Figure 8-1 Download Center**

2. Click **All** to check all the downloading tasks.
3. **Optional:** Perform the following operation(s) for the downloading tasks.

| | |
|---|---|
| **Pause Downloading** | Select an ongoing downloading task and click **Pause**. |
| **Resume Downloading** | Click **Start** to resume the downloading, or click **Start All** to resume all the paused tasks. |

| | |
|---|---|
| **Delete Downloading Task** | Click ✕ to remove the downloading task, or click **Delete All** to delete all the downloading records.<br>For completed downloading task, you can also select to delete the downloaded video files. |
| **View Downloaded Video** | For completed downloading task, click **Open File** in Operation column to view the downloaded video files. |

4. Click **Downloading** to check the ongoing downloading tasks.
5. Click **Done** tab to check the completed downloading tasks.
6. **Optional:** Click **Download Player** to download the player to your PC for playing the downloaded video files.

# 9 Check Alarm and Event

The alarm information (for example, motion detection alarm information) received by the Control Client displays. You can check the detailed information of the event or alarm, view the alarm linked video, manage the related information, and so on.

**Note**

You should configure the event or alarm settings via Web Client before you can check the related information and linkage actions via Control Client. For detailed configuration of event and alarm settings, refer to *User Manual of HikCentral Web Client*.

## 9.1 Perform Arming Control

You can arm or disarm the selected device(s). After arming the device, the current Control Client can receive the triggered alarm information from the device.

Perform the task when you need to realize the arming control of devices.

### Steps

1. Click **Alarm Center → Arming Control** to open the Arming Control window.

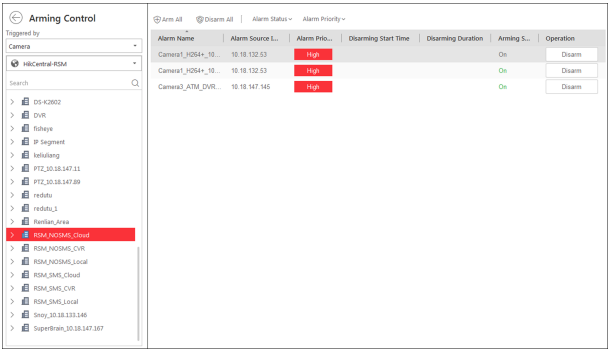


**Figure 9-1 Arming Control**

2. Set the filter condition on the left.
3. Select the resource for arming control.

   All the configured alarms of the selected resource will display.

4. Perform arming control.
   - Click **Disarm** or **Disarm All** to disable the alarm detection and set the disarming start time and duration. For example, if you set the disarming duration as 1 hour, then the event detection will be enabled again in 1 hour after the disarming start time.

     **Note**

     If you set to start disabling the alarm in a scheduled time, you can click **Cancel Schedule** to cancel this schedule.
   - Click **Arm** or **Arm All** to enable the alarm detection.

   **Note**

   The disarming and arming control in Alarm Center only controls the alarm detection on the current Control Client.

## 9.2 Search and View Resource's Alarm

The alarm information, such as motion detection, video loss, and video tampering alarm, of the connected cameras and alarm inputs displays.

**Before You Start**

Arm the device first before the Control Client can receive the alarm information from the device. For details, refer to ***Perform Arming Control***.

Perform the task when you need to search and view resource's alarm.

**Steps**

1. Enter the Alarm Center page and you can view the real-time alarms received by the Control Client.

   **Alarm Time (Control Client)**

   The Control Client time when the alarm starts.

   **Alarm Source**

   The resource that occurred the alarm.

   **Triggering Event**

   Display the type of the event that triggered alarm.

   **Operation**

   **Search**

   Enter the Alarm & Event Search module to search the recorded video files of the event and the related camera's video files of the alarm.

**Two-Way Audio**

Start two-way audio with the camera

**Download**

Download the alarm details, including alarm information, alarm picture, linked video, linked map, etc.

**Display on Smart Wall**

Display the alarm video on smart wall.

**Delete**

Delete the alarm.

**Note**

The available operation changes according to the alarm linkage of the camera. For detailed configuration, refer to *User Manual of HikCentral Web Client*.

2. Set the filter conditions to display the required alarms only.

**Mark Status**

Mark the alarm information and the marked items can be filtered.

**Alarm Priority**

The priority including low, medium, high and custom level which indicates the urgent degree of the alarm.

**Alarm Status**

The status of the alarm, including **Start, Unacknowledged**; **Start, Acknowledged**; **Stop, Unacknowledged**; **Stop, Acknowledged**. **Start** means the alarm has not stopped yet and **Acknowledged** means the alarm has been acknowledged by the user.

**Alarm Category**

The alarm type configured when acknowledge the alarm to indicate what kind of alarm it is.

The alarms will be automatically filtered by the configured conditions and display on the page.

3. Select an alarm to view.

The alarm linked video (if any) shows on display window and the alarm source linked map (if any) appears as well.

4. **Optional:** Perform the following operation(s) after selecting the alarm.

| | |
|---|---|
| **Play Video from Alarm Time** | Click **Go to Alarm Time** to play the video from the alarm time. |
| **Get Live View of Related Camera** | Click **Live View** to view the live video of the related cameras. |
| **Display Linked Video on Smart Wall** | Click **Display on Smart Wall** to play the videos on smart wall.<br>**Note**<br>For setting the related camera of the alarm, refer to *User Manual of HikCentral Web Client*. |
| **Sort Alarms** | Click on the column name of the alarm list and select a property to sort the alarms by the selected property. |
| **Clear Alarm** | Click **Clear Alarm Info** to clear the displayed alarm records. |
| **View History Alarm** | Click **History Alarm** to enter the Alarm & Event Search module to search the history alarms. |

## 9.3 Search Event/Alarm Logs

You can search the event and alarm log files of the added resource for checking.

**Before You Start**

You should configure the event and alarm settings via Web Client. See *User Manual of HikCentral Web Client* for details.

Perform this task when you need to search event or alarm logs.

**Steps**

1. Enter the Alarm & Event Search module and click the **Alarm Search** or **Event Search** tab.
2. Select the types of event source.

   **Note**

   The Remote Site is only available for the Central System with Remote Site Management module (based on the license you purchased).

3. Set search conditions for different event source types.
4. Set the time range for search.

- Select a predefined time period for search.
- Select **Custom Time Interval** and specify the start time and end time for search.

5. Click **Search**.

   The matched event or alarm logs display on the list.

6. **Optional:** Perform the following operation(s) after searching alarms or events.

| | |
|---|---|
| **View Alarm Details** | Click the **Name** field of the searched event or alarm to view the details and the linked picture, video, and map. |
| **View Event Details** | Click the **Name** field of the searched event to view the details and linked video. |
| **Start Two-Way Audio** | Click to start two-way audio with the camera if the camera supports two-way audio function. |
| **Save Logs to PC** | Click to download the log to your PC. |
| **Export Alarms or Events** | Click **Export** and select the format to save the found events or alarms to your PC. |

# 9.4 Manually Trigger User-Defined Event

The system provides user-defined event which is used if the event you need is not in the provided system-related event list, or the generic event cannot properly define the event received from third-party system. On the Control Client, you can trigger a user-defined event manually and it will activate a series of actions according to the settings on Web Client.

**Before You Start**

Add the user-defined event to the system and determine what happens when you manually trigger it, such as setting it as the alarm source, as start/end of the alarm's arming schedule, or as the alarm linkage actions. For details, refer to *User Manual of HikCentral Web Client*.

Perform this task if you need to trigger a user-defined event manually on the Control Client.

**Steps**

1. In the Monitoring or Alarm Center module, click **Trigger Event**.

   The user-defined events added to the system will display.

2. Select the event you want to trigger and click **OK**.

# 9.5 View Pop-up Window Triggered by Alarm

After enabling the alarm linkage of **Trigger Pop-up Window** on the Web Client, and enabling the pop-up window function on the Control Client, the alarm window will open when the corresponding event/alarm is triggered.

**Before You Start**

Enable the alarm linkage of **Trigger Pop-up Window** on the Web Client, and enable the pop-up window function in the Alarm Center on the Control Client. For setting this alarm linkage, refer to the *User Manual of HikCentral Web Client*.

Perform the task when you need to view the pop-up window triggered by alarm.

**Steps**

1. View the alarm details including alarm source, alarm time, triggered event type, alarm status, etc., in the pop-up window when alarm is triggered.

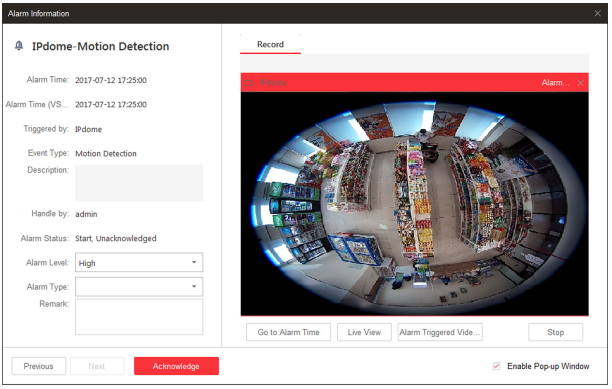


**Figure 9-2 Alarm Details Page**

2. **Optional:** Set the alarm priority, the alarm category, and input the note for the alarm according to actual needs.
3. Click **Picture/Video/Map** tab to view the alarm related cameras' captured pictures, the playback when alarm occurs, and view the camera/alarm input location on the map (if configured).

**Note**

When viewing the video files of the related camera, you can click **Go to Alarm Time** to play the video from the alarm time. You can also click **Live View** to view

the live video of the related cameras, or click **Display on Smart Wall** to play the playback on smart wall.

4. Click the **Acknowledge** to acknowledge the alarm.

   The alarm status becomes Acknowledged.

5. **Optional:** Click **Previous** or **Next** to view the previous or next alarm information.
6. **Optional:** Uncheck **Enable Pop-up Window** checkbox to disable pop-up window when alarm triggers.

   **Note**

   When the pop-up window remains open, the later alarm, if alarm priority is higher, will be displayed in the pop-up window, replacing the earlier one.

# 10 Map Management

After properly configuring the map settings via the Web Client and enabling the map function on Monitoring module, you can view and manage the map, such as zooming in or zooming out the map, locating the resources on the map. You can view and operate the added resources on the map, such as getting the live view and playback of the cameras, UVSSs, and doors, setting the arming control for cameras, alarm inputs, UVSSs, and doors, and so on.

**Note**

- If the GIS map doesn't show properly, all the current site's and Remote Site's E-map thumbnails are displayed. Click one E-map to view details.
- If you enable the GIS map function of the Central System via Web Client, you enter the configured GIS map. All the current site's and Remote Site's E-map thumbnails are displayed under the GIS map. Click one E-map to view details.

## 10.1 Operate Hot Spot

The cameras, alarm inputs, alarm outputs, doors, and Under Vehicle Surveillance Systems (UVSSs) added on the map are called the hot spots. The hot spots show the locations of the cameras, alarm inputs, alarm outputs, doors, and Under Vehicle Surveillance Systems (UVSSs). You can operate the hot spot, such as starting live view of the camera, UVSS, and door, arming or disarming the camera, alarm input, door, and UVSS, and so on.

### 10.1.1 Preview Hot Spot

You can view locations of the cameras, alarm inputs, alarm outputs, doors, and Under Vehicle Surveillance Systems (UVSSs). You can also set the arming control and view the history alarms of the surveillance scenarios through the hot spots.

**Before You Start**

Configure the map settings via the Web Client. For details, see *User Manual of HikCentral Web Client*.

Perform this task when you need to preview hot spot.

**Steps**

1. Click **Monitoring** on My Dashboard to enter the Monitoring page.

2. Click **Map Disabled** to display the map.
3. Click the hot spot and a window opens displaying the related functions.

**Note**

If there is an alarm triggered on the hot spot, the alarm icon will appear on the top left corner of the hot spot icon .

4. Operate in the pop-up dialog.
   - For camera and UVSS hot spot: Check the live view and playback of the camera, view its status, area, and remark, set the arming control, and view the history alarms.

     **Note**

     - To view the live view and playback of the camera, the user should be assigned with permissions of live view and playback of the camera. For details, please refer to the *User Manual of HikCentral Web Client*.
     - For details about arming control, see ***Perform Arming Control***.
     - For details about viewing history alarms, see ***View History Alarm***.
   - For alarm input hot spot: View its status, area, and remark, set the arming control, and view the history alarms.
   - For alarm output hot spot: Turn on or off the linked alarm output.
   - For door hot spot: Check the live view and playback of the door, view the door basic information, control the door status, set the arming control, and view the history alarms and access records.

### 10.1.2 Perform Arming Control

You can arm or disarm the hot spots via the arming control function. After arming the device, the current Control Client can receive the triggered alarm information from the hot spot.

**Before You Start**

Configure the map settings via the Web Client. For details, see *User Manual of HikCentral Web Client*.

Perform the task when you need to realize the arming control of hot sports.

**Steps**

1. Click **Monitoring** on My Dashboard to enter the Monitoring page.
2. Click **Map Disabled** to show the map.
3. Click the hot spot.

A window on which the related functions of the hot spot display is opened.

4. Click **Arming Control** to activate the Arming Control window.

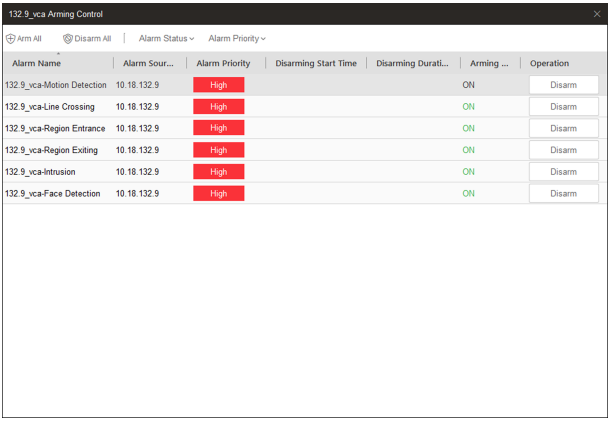


**Figure 10-1 Arming Control Page**

The information of the enabled alarms (e.g., motion detection, video loss) displays, such as alarm name, alarm priority and source IP address.

5. Perform arming control of the selected hot spot.
   - Click **Disarm** or **Disarm All** to disable the alarm(s) and set the disarming start time and duration.

     **Note**

     For example, if you set the disarming duration as 1 hour and the start time as 2018-03-26 18:05, then the event detection will be enabled again after 2018-03-26 19:05.
   - Click **Arm** or **Arm All** to enable the alarm(s).

### 10.1.3 View History Alarm

You can check the history log related to an alarm.

Perform this task when you need to view the history alarm.

**Steps**

1. Click **Monitoring** on My Dashboard to enter the Monitoring page.
2. Click **Map Disabled** to display the map.
3. Click the hot spot.

A dialog pops up on which the related functions of the hot spot display.

4. Click **History Alarm** to activate the History Alarm window.

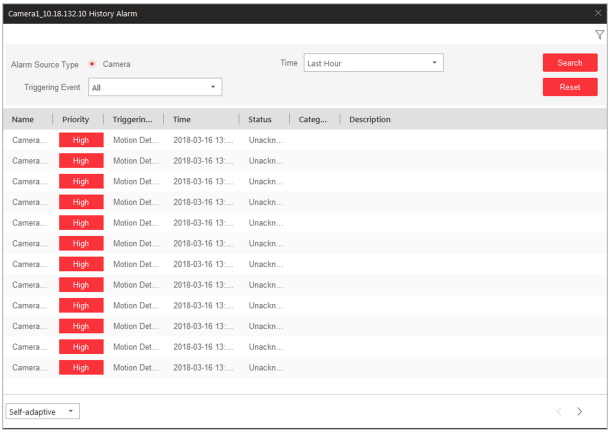


**Figure 10-2 History Alarm**

5. Set the search conditions.
6. Set the time period for searching the alarms.
7. Select the triggering event from the drop-down list.
8. Click **Search** to start searching the logs of the alarm.

   The search results will display in the list and you can check the history alarm's detailed information.

# 10.2 Preview Hot Region

The hot region function links a map to another map. When you add a map to another map as a hot region, an icon of the link to the added map is shown on the main map. The added map is called child map while the map to which you add the hot region is the parent map.

**Before You Start**

Configure the map settings via the Web Client. For details, see *User Manual of HikCentral Web Client*

Perform this task when you need to preview the hot region.

**Steps**

1. Click **Monitoring** on My Dashboard to enter the Monitoring page.
2. Click **Map Disabled** to display the map.
3. Click the hot region and a window opens displaying the related functions.

   **Note**

   If there is an alarm triggered in the hot region, the alarm icon will appear on the top left corner of the hot region icon .

4. Click the E-map thumbnail to jump to the child map and view the elements added on the E-map.

## 10.3 Operate Map

On the Map page, you can perform one or more operations of the followings, such as zooming in or out map, selecting resource(s) on map, adding label, printing map, displaying map in full screen mode, and so on.

**Zoom in/Zoom out Map**

Use the mouse wheel or click + or − to zoom in or zoom out on the map.

**Select Resource(s) on Map**

Click , select , and drag on the map to select resource(s).

**Add Label**

Click , select to add a label with description to the map.

**Capture**

Click , select , and drag on the map to select an area. You can save this area as a picture to local PC.

**Print Map**

Click and select to print the map.

**Filter**

Click and select the object type you want to show on the map.

**Locate Resource on Map**

Move the cursor to the resource or site in the device list and click to locate the resource on the map. The located resources can be displayed in the center of the map.

**Note**

Only when the resource is added to the map, you can locate the resource on map.

**Drag Resources on Map for Live View or Playback**

See ***View Map in Live View*** or ***View Map in Playback*** for details.

# 11 Search Vehicles Recognized by ANPR Camera or Under Vehicle Surveillance System

If the added Automatic Number Plate Recognition (ANPR) camera or Under Vehicle Surveillance System (UVSS) is properly configured, and the vehicle license plate number is recognized by the camera, you can search the related vehicle passing information.

Perform the this task when you need to search for a vehicle.

**Steps**

1. Enter the Vehicle Search page.
   - Click **Vehicle Search** on My Dashboard to enter the Vehicle Search page.
   - Start live view of the ANPR camera or UVSS, move the cursor to the recognized license plate number, and click to enter the Vehicle Search page.

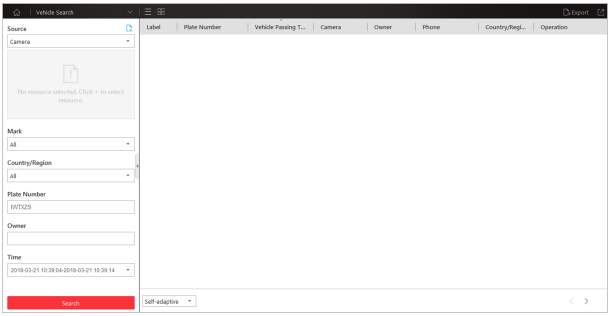


**Figure 11-1 Vehicle Search Page**

2. Set the search conditions.
   1) Select **Camera** or **Under Vehicle Surveillance System** from the drop-down list.

   **Note**

   For camera, you can click and select the ANPR camera(s).

   2) **Optional:** Set the mark information, country or region, plate number, and vehicle owner for search.

**Note**

For plate number and vehicle owner, you can input the keywords to fuzzy search the vehicles.

3) Set the time for search.
- Select to search the vehicles today, yesterday, current week, last 7 days, and last 30 days.
- Click **Custom Time Interval** to set the search time range.

**3.** Click **Search**.

The vehicle passing records that match the search conditions will display in the list.

**Note**

You can click or to switch between List Mode and Thumbnail Mode.

**4.** **Optional:** Perform the following operations after search.

| | |
|---|---|
| **Mark Vehicle** | Click to mark the vehicle. The marked vehicles can be filtered when searching the related vehicle passing information recorded by the camera or UVSS. |
| **Add to List** | If the vehicle is not added to the vehicle list, you can add the new vehicle to the vehicle list manually. Click to add the vehicle. See***Add to Vehicle List*** for details. |
| **Download Vehicle Information** | Click to download the vehicle information. For details about downloading, refer to ***Manage Downloading Tasks***. |
| **View Picture** | Click the Plate Number column and click **Picture**tab to view the captured vehicle picture or undercarriage picture. |
| **View Video** | Click the Plate Number column and click **Video** to view the linked video file of the passing vehicle.<br>**Note**<br>• When viewing the video file of passing vehicles, you can control the playback.<br>• Click **Go to Monitoring** to switch to Monitoring page.<br>• Click to export the video file to the local PC. |

| | |
|---|---|
| **Export Vehicle Information** | Click **Export** in the upper-right corner to export the searched vehicle records to a PDF file.<br>**Note**<br>Up to 100 vehicle records can be exported at one time. |
| **Edit** | Click **Edit** to modify the recognized license plate number as needed. |

# 12 Search Access Control Event

You can search the person information of the access control events triggered on the added doors via the Control Client by setting the search conditions.

**Before You Start**

Configure the access control event on the Web Client. For details, refer to *User Manual of HikCentral Web Client*.

Perform this task to search the access control events.

**Steps**

1. Click **Access Control** on My Dashboard.
2. Click to select the door(s) to search the triggered events.
3. Set the search conditions.

   **Access Result**

   The event's result, including access granted and access failed.

   **Access Mode**

   The access control event type

4. Click **Search**.

   The matched access records will display.

5. **Optional:** Click the person name in the Name column to view the event details, including the recorded video of the door's related camera (if configured), person information, and access information.
6. **Optional:** Click in the Operation field to download the event information, including the event details, the person information, person profile, and recorded video file (if configured).
7. Click **Export** to export the searched access control events details (including person name, person ID, event time, door, access result, and access mode) and you can save it in your PC.

   **Note**

   The exported file is in CSV format.

# 13 Manage Smart Wall

You can display the decoded video streams from the encoding devices on smart wall.

Click **Smart Wall** on My Dashboard to open the Smart Wall page.

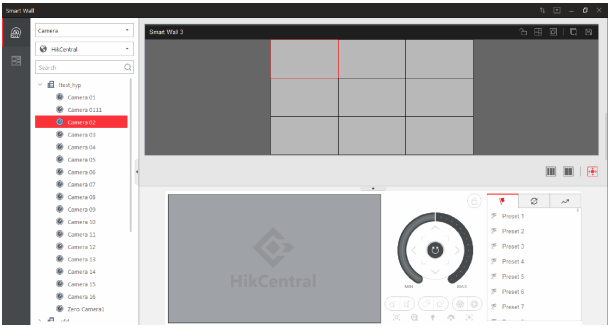


**Figure 13-1 Smart Wall Page**

The following icons are available on the Smart Wall window.

| Icon | Description |
|---|---|
| | Synchronize the smart wall information.<br>**Note**<br>When the smart wall of the HikCentral changed (e.g., more smart wall are added), a red dot will appear on the top right corner of the icon. |
| | Select **Auto-Switch Stream Type** to switch the stream type automatically or select **Display Window No.** to display the window No. on the smart wall. |
| | Save the current settings to the view or to other view. In this way, you can easily view the required live videos on the smart wall by calling this view. |
| / | Unlock or lock the window. When you lock the window, you cannot display the video on this window or stop decoding and displaying on the window. |
| | Set the window division for the selected display window of smart wall. Click on the split window to enlarge the window. |

| Icon | Description |
|---|---|
| / | Display three / two smart walls in line. |
| | Display the smart wall in the center of the window. |

# 13.1 Decode and Display

After setting the smart wall via Web Client, the video streams from the camera can be decoded and displayed on the smart wall.

**Before You Start**

Add the smart wall via Web Client. For details, refer to *User Manual of HikCentral Web Client*.

Perform this task when you need to decode the video streams and display video on smart wall.

**Steps**

1. Click **Smart Wall** on My Dashboard to enter the Smart Wall page.
2. Select **Camera** or **Signal Source** as the encoding device type.
3. Select the site to display the cameras added on this site.

   **Note**

   It is only available for the central system with Remote Site Management module (based on the license you purchased).

4. Drag the camera or signal source from left panel to the display window of smart wall.

   The video stream from the camera will be decoded and displayed on the smart wall.

5. Select a display window which is linked with the camera.

   The live video of the camera displays on the window in the lower panel of the interface.

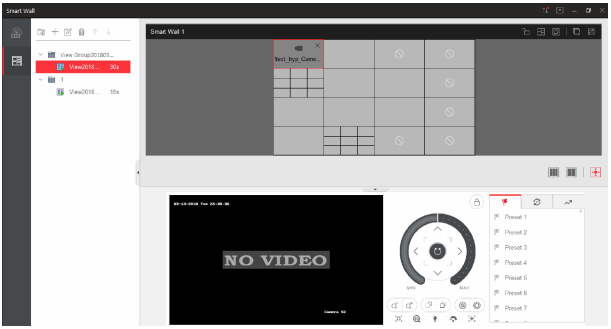


**Figure 13-2 Display Live Video on Smart Wall**

6. **Optional:** Perform the following operation(s) after decoding and display the video on the smart wall

| | |
|---|---|
| **View Camera Status** | Click to show the camera's frame rate, resolution, and stream format. |
| **Switch Stream** | Click or to switch the live view stream to main stream or sub-stream. |
| **Open PTZ Control** | Click to enable (Pan, Tilt, Zoom) PTZ control function on the display window. Click again to disable the function. You can also perform PTZ control and set preset, patrol, and pattern on PTZ control panel. See ***PTZ Control*** for details. |
| **Switch to Playback** | Click to switch to playback mode. For details, refer to ***Play Video File***. |
| **Stop Decoding and Displaying** | Click or to stop the decoding and displaying for the specified window or all windows. |

**Note**

For the locked windows and alarm linked windows, you cannot stop the decoding and displaying of the windows.

## 13.2 View Settings

You can set the view and organize the views into a group for displaying the video on smart wall conveniently. You can also perform view auto-switch for the view group on the smart wall.

### 13.2.1 Add View

You can add the frequently used cameras and smart walls as the custom view and organize the views into the view group for displaying the video on smart wall conveniently.

Perform this task when you need to add view.

**Steps**

1. Click **Smart Wall** on My Dashboard to open the Smart Wall window.
2. Drag the cameras to the display window of the smart wall.
3. Click to open the View window.
4. Select one view group.
5. Click + to open Add View window.
6. Enter the view name.
7. Click **OK** to save the view.
8. **Optional:** Perform the following operation(s) after adding the view.

| | |
|---|---|
| **Start Decoding and Displaying** | Click the view to start decoding and displaying the video of the cameras on smart wall conveniently. |
| **Edit View** | Edit the settings of the custom view and click to save the current view as another view. |
| **Delete View** | Click to delete the view. |
| **Adjust View Order** | Select one view and click ↑ or ↓ to move up or down the view to adjust the order. |

### 13.2.2 Add View Group

You can add a view group to manage the views.

Perform this task when you need to add view group.

**Steps**

1. Click **Smart Wall** on My Dashboard to open the Smart Wall window.

2. Click to open the View window.
3. Click to open Add View Group window.
4. Enter the group name.
5. Click **OK** to add the group.
6. **Optional:** Perform the following operation(s) after adding the view group.

| | |
|---|---|
| **Edit View Group** | Select the view group and click to edit the view group name. |
| **Delete View Group** | Select the view group and click to delete the view. |

### 13.2.3 Perform View Auto-Switch

You can switch the added views belonging to the same view group automatically.

**Before You Start**

Add at least two views into one view group.

Perform this task when you need to perform the view auto-switch.

**Steps**

1. Click **Smart Wall** on My Dashboard to open the Smart Wall window.
2. Click to open the View window.
3. Set the auto-switch interval beside the view name.
4. Click beside the view group name.

   The views belonging to the view group will start switching automatically.

### 13.2.4 Create a Roaming Window

Windowing is to open a new window on the screen(s). The window can be within a screen or span multiple screens. You can move the window on the valid screens as desired and this function is called roaming.

Perform this task when you need to create a roaming window.

**Steps**

1. Click **Smart Wall** on My Dashboard to open Smart Wall window.
2. Click and drag on the screens which are linked to decoding outputs to open a window.

**Note**

Screens linked to BNC outputs are not available for opening a window.

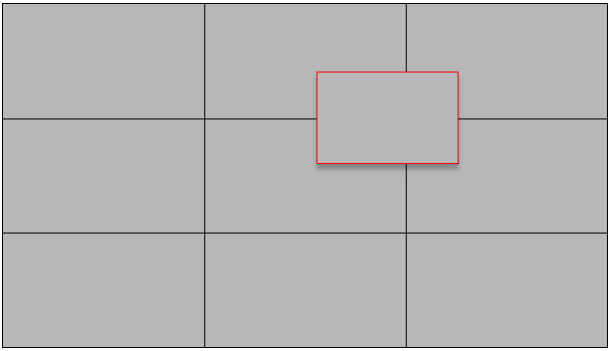

**Figure 13-3 Open a Window**

3. **Optional:** Perform the following operation(s) after opening a window.

| | |
|---|---|
| **Roam** | Click and hold the window and move the window on the valid screens. |
| **Adjust Window Size** | Move your cursor to the window and adjust its size when the cursor becomes directional arrow. |
| **Enlarge Window** | Double-click the window and it will enlarge to fill the spanned screens and display on the top layer. Double-click again to restore. |
| **Display Window on Top Layer** | Select one window when there're overlapped windows and right-click the window to display on the top layer. |

# 14 Generate People Counting Report

You can view the people counting statistics of the people counting camera(s) in a line chart or histogram. You can also export the detailed data to local storage.

**Before You Start**

Add a people counting camera to HikCentral and properly configure the camera with a people counting rule for the required area. To add a people counting camera, please refer to the *User Manual of HikCentral Web Client*. To configure the people counting rule,please refer to user manual of people counting camera.

**Note**

People Counting Statistics is not supported by the remote site.

Perform this task when need to generate people counting report.

**Steps**

1. Click **People Counting** on My Dashboard to enter the People Counting page.

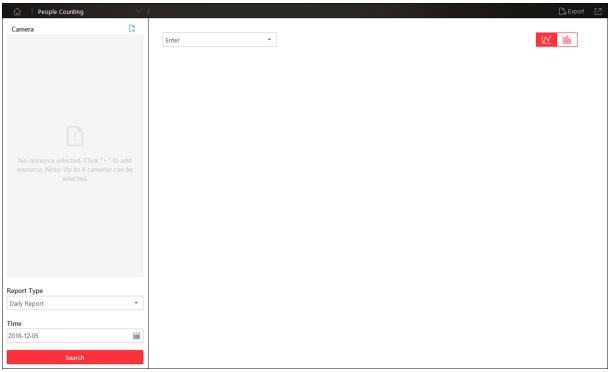


**Figure 14-1 People Counting Page**

2. Click to select the people counting camera(s) to search.

**Note**

- Only people counting cameras will be displayed here.
- Up to eight people counting cameras can be selected for statistics at the same time.

3. Select the report type as daily report, weekly report, monthly report, or annual report. You can also customize the time interval.
4. Set the time period for search in the Time field.

**Note**

For Custom Time Interval, you need to set the start time and end time.

5. Click **Search**.

   The statistics of all the selected will be displayed in the right panel.

6. Perform the following operation(s) after generate the people counting statistics.

| | |
|---|---|
| **View Entered / Exited / Both Entered and Exited Statistics** | Select **Enter**, **Exit**, or **Enter and Exit** from the drop-down list. The total statistics and all the selected cameras' statistics will be displayed and marked with different colors. |
| **Switch between Line Chart and Histogram** | Click or to switch to line chart or histogram.<br>**Note**<br>By default, the statistics are shown in line chart form. |
| **Play Linked Video** | Click the line or rectangle to play the linked video. |
| **Export Statistics** | Click **Export** to save the detailed data of people counting to a local PC in CSV format. |

# 15 Generate Heat Map Report

Heat map is a graphical representation of data represented by colors. The heat map function of the camera is usually used to analyze the visit times and dwell time of customers in a configured area.

**Before You Start**

Please add a heat map network camera to the HikCentral and properly configure the corresponding area. Please refer to the *User Manual of HikCentral Web Client* for details. The added camera should have been configured with heat map rule. Please refer to the User Manual of the heat map network camera for details.

**Note**

Heat Map is not supported by the remote site.

Perform this task when you need to generate heat map report.

**Steps**

1. Click **Heat Map** on My Dashboard to enter the Heat Map page.

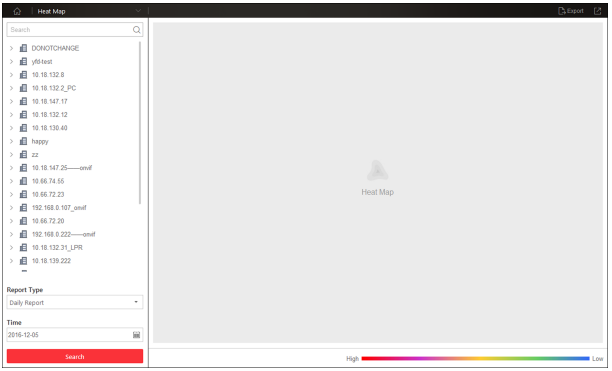


**Figure 15-1 The Heat Map Page**

2. Click to select a heat map camera in the area panel.

   **Note**

   Only heat map camera will be displayed here.

3. Select the report type as daily report, weekly report, monthly report, or annual report.

4. **Optional:** Click to specify the time or time period as desired.

   **Note**

   For Custom Time Interval, you need to set the start time and end time.

5. Click **Search**.

   The heat map of camera will be displayed. In the heat map, the red color block (255, 0, 0) indicates the most welcome area, and blue color block (0, 0, 255) indicates the less-popular area.

6. **Optional:** Click **Export** to save the heat map report (PDF file) to your PC.

# 16 Health Monitoring

The status of the VSM server, Recording Server, Streaming Server, connected cameras, doors, Under Vehicle Surveillance Systems (UVSSs), encoding devices, decoding devices, and access control devices displays, such as VSM's working status, cameras' online status and recording status.

Perform this task when you need to view the resources status.

**Steps**

1. Click **Health Monitoring** on My Dashboard to enter the Health Monitoring page.

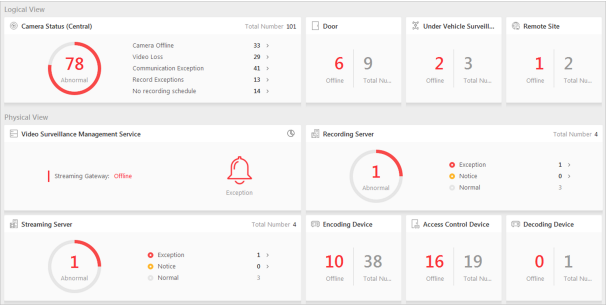


**Figure 16-1 Health Monitoring**

2. Click tab to enter the Status Overview page.

**Note**

- You can click on the numbers and status type on the chart to enter the corresponding status page to view the details.
- For encoding devices, access control devices, decoding devices, doors, Remote Sites, and UVSSs, you can view the offline statistics. Click on the offline numbers to enter the offline device page to view the details.
- For VSM, you can view the incoming or outgoing streaming situation. If an exception or warning appears in CPU or memory, you can also view the CPU usage or memory usage.
- The Remote Site status is only available for the Central System with Remote Site Management module (based on the license you purchased).

3. Move the mouse to the menu on the left, and you can enter the detailed status page of cameras, doors, UVSSs, Remote Sites, Recording Servers, encoding

devices, access control devices, decoding devices, and Streaming Servers. Here we take Camera Status as example.

1) Click tab to enter the Camera Status detailed page.

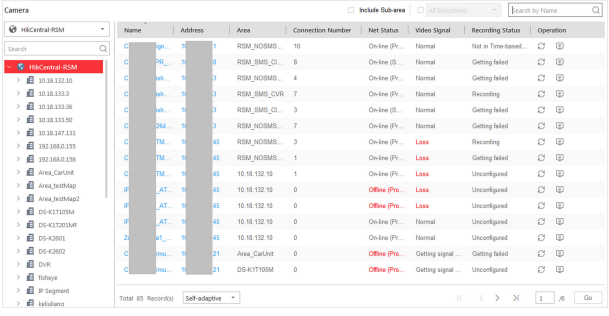


**Figure 16-2 Camera Status**

2) In the area panel on the left, select one Remote Site and select an area.

   The information of cameras belonging to the area displays.

3) Click the camera name to view its status and basic information.

4) Click the Address field to go to the Encoding Device status page or Remote Site status page to view the device or Remote Site status.

**Note**

Address refers to the IP address or domain name of the device or remote site that the camera belongs to.

5) **Optional:** If the camera's event or alarm configuration is exceptional, an icon will appear near the camera name. Contact the admin user to edit the configuration via Web Client.

6) **Optional:** Check **Include Sub-area** to display the cameras belonging to the sub-areas of the selected area.

7) **Optional:** You can check **All Exceptions** to display the cameras in exceptional status only. You can also select the detailed exception type from the drop-down list to display the specific exception only.

8) Click in the **Operation** column to go to Web Client.

**4. Optional:** For Remote Site status, you can do one or more of the followings.

| | |
|---|---|
| **Restore All Connection Mode** | Click **Restore All Network Connections**to restore all the connection mode of added remote sites to Automatically Judge mode. |

**Switch Access Mode** Click or in the **Operation** column to switch the access mode between Automatically Judge mode and Proxy mode.

5. **Optional:** For Encoding Device status, click **Switch Device Access Mode** to switch the access mode: **Restore Default**, **Automatically Judge**, **Direct Connection**, and **Proxy**.

**Note**

When the encoding device is in the same LAN with the VSM, the Direct Connection mode is not available.

6. **Optional:** For Hybrid Storage Area Network (Hybrid SAN) status, you can view the hardware status and HDD status. If the status is exceptional, you can click **Hardware Status** or **HDD Status** column to view the details.

7. **Optional:** For Door status, you can click to control the door status.

**Unlock**

Unlock the door once.

**Lock**

Lock the door once.

**Remain Unlocked**

Keep the door unlocked.

**Remain Locked**

Keep the door locked.

# 17 Log Search

You can search and view the log files of the VSM, remote site, cameras, and smart walls connected to it.

The server logs refer to the log files of the VSM, the remote site logs refer to the log files of the remote site, the device logs refer to the log files of the connected cameras and are stored on the local device, and the smart wall logs refer to the log files of the connected smart walls.

## 17.1 Search Server Logs

You can search the server logs.

Perform this task when you need to search the server logs

.

**Steps**

1. Click **Log** on the control panel to enter the Log page.
2. Select **Server Logs** from the drop-down list.
3. Select the Log Type and the corresponding search condition.

   **Note**

   There are two log types available, including Operation Log, and System Log.

   - **Operation Log:**You can select the operation type.
   - **System Log:** You can select the system type.

4. Select the time period.

   **Note**

   You can select **Custom Time Interval** to specify the start time and end time for the search.

5. Click **Search**.

   The matched log files with details will be displayed in the list.

   **Note**

   Please narrow the search condition if there are too many log files.

## 17.2 Search Remote Site Logs

You can search the remote site logs which refer to the log files of the remote site.

Perform this task when you need to search the remote site logs

.

**Steps**

1. Click **Log** on the control panel to enter the Log page.
2. Select **Remote Site Logs** from the drop-down list.
3. Select the site for searching the log files.
4. Select the Log Type and the corresponding search condition.

   **Note**

   There are two log types available, including Operation Log, and System Log.

   - **Operation Log:**You can select the operation type.
   - **System Log:** You can select the system type.

5. Select the time period.

   **Note**

   You can select **Custom Time Interval** to specify the start time and end time for the search.

6. Click **Search**.

   The matched log files with details will be displayed in the list.

   **Note**

   Please narrow the search condition if there are too many log files.

## 17.3 Search Device Logs

You can search the device logs, which refer to the log files of the connected cameras and stored on the local device.

Perform this task when you need to search the device logs.

**Steps**

1. Click **Log** on the control panel to enter the Log page.

2. Select **Device Logs** from the drop-down list.
3. Select the device.
4. Select the Major Type and the corresponding Minor Type.
5. Select the time period.

   **Note**

   You can select **Custom Time Interval** to specify the start time and end time for the search.

6. Click **Search**.

   The matched log files with details will display in the list.

   **Note**

   Please narrow the search condition if there are too many log files.

## 17.4 Search Smart Wall Logs

You can search the smart wall logs refer to the log files of the connected smart walls.

Perform this task when you need to search smart wall logs.

**Steps**

1. Click **Log** on the control panel to enter the Log page.
2. Select **Smart Wall Logs** from the drop-down list.
3. Select the operation type
4. Select the user name.
5. Select the time period.

   **Note**

   You can select **Custom Time Interval** to specify the start time and end time for the search.

6. Click **Search**.

   The matched log files with details will display in the list.

   **Note**

   Please narrow the search condition if there are too many log files.

## 17.5 Back Up Logs

You can export the log files to your PC.

Perform this task when you need to export the log files to your PC

.

**Steps**

1. Click **Log** on the control panel to enter the Log page
2. Search for log files.
3. Click **Export** and select a local saving path.
4. Click **Save** to export the matched log files in CSV format.

# 18 Tools

The system Control Client provides multiple tools: Smart Wall, VSPlayer, Broadcast, and Two-Way Audio.

**Smart Wall**

Play the live view or playback on smart wall. See ***Manage Smart Wall*** for details.

**VSPlayer**

Play the video files stored on your PC. See ***Play Video via VSPlayer*** for details.

**Broadcast**

Broadcast messages to the selected areas. See ***Broadcast Messages*** for details.

**Alarm Output**

Turn on/off the alarm outputs of the connected camera. See ***Perform Alarm Output Control*** for details.

**Two-Way Audio**

Start talking to the selected camera. See ***Perform Two-Way Audio*** for details.

## 18.1 Play Video via VSPlayer

You can run the VSPlayer software and play the video files via the software.

Perform this task when you need to play video via VSPlayer.

**Steps**

1. Click **VSPlayer** on the control panel to run the VSPlayer.

   The available video files display on the playlist.

2. Double-click the video to play it.

3. **Optional:** Click in the upper-right corner of the VSPlayer page and select **User Manual** to view the VSPlayer's user manual for more detailed operation information.

## 18.2 Broadcast Messages

You can broadcast messages to the selected areas.

Perform this task when you need to broadcast messages.

**Note**

This function is not supported by the devices added in remote site.

**Steps**

1. Click **Broadcast** on the control panel to open the broadcast window.
2. Broadcast messages to device.
   - Click **Start** to broadcast messages to a specific device.
   - Click **Start All** to broadcast messages to all added devices.

## 18.3 Perform Two-Way Audio

Two-way audio function enables the voice talk between the Control Client and devices. You can get and display not only the live video but also the real-time audio from the device in the Control Client, and the device can also get the real-time audio from the Control Client and play the audio.

Perform this task when you need to perform the two-way audio function.

**Note**

This function is not supported by the devices added in remote site.

**Steps**

1. Click **Two-Way Audio** on the control panel to open the two-way audio window.
2. Click **Select Camera** to open the select camera window.
3. Select a camera and click **OK**.
4. Click **Start** to start the two-way audio.
5. **Optional:** Click to adjust the microphone volume, and click to adjust the speaker volume.

## 18.4 Perform Alarm Output Control

You can turn on/off the alarm outputs of the connected camera.

Perform this task when you need to control the alarm output.

**Note**

This function is not supported by the devices added in remote site.

**Steps**

1. Click **Alarm Output Control** on the control panel to open the alarm output control window.
2. Turn on/off the device's alarm output.
   - Click **Turn On**/**Turn Off** to turn on the specific device's alarm output on.
   - Click **Turn On All**/**Turn Off All** to turn all devices' alarm outputs on.

# 19 System Settings

The System page contains basic settings and application settings. Use Basic Settings to configure general parameters, image parameters, file saving paths, and keyboard and joystick settings. Use Application Settings to configure alarm sounds, and the icons shown on the Live View toolbar and Playback toolbar.

## 19.1 Set General Parameters

You can set the frequently-used parameters, including the network performance, picture format, etc.

Perform this task when you need to set general parameters.

**Steps**

1. Click **System** on the control panel to enter the System page.
2. Click **General** to enter the General Settings tab page.
3. Configure the general parameters.

   **Network Performance**

   Set it as Normal, Better or Best according to the current network conditions.

   **Picture Format**

   Set the file format for the captured pictures during live view or playback.

   **Maximum Mode**

   Select **Maximize** or **Full Screen** as the maximum mode. For selecting Maximize, the client will be maximized and the task bar will display. For selecting Full Screen, the client will be displayed in full-screen mode.

   **Auto-login**

   The system will remember the user name and password and log in to the Control Client automatically.

   **Resume Last Interface**

   Restore the interface last opened when you run the client next time.
4. Click **Save**.

## 19.2 Set Image Parameters

You can set image parameters, including view scale, video caching, etc.

Perform this task when you need to set image parameters.

**Steps**

1. Click **System** on the control panel to enter the System page.
2. Click **Image** to enter the Image Parameters page.
3. Configure the image parameters.

   **View Scale**

   The view scale of the video in live view or playback. You can set it set as Full Screen, 4:3, 16:9, or Original Resolution.

   **Video Caching**

   Larger frame caching will result in better video performance. It is determined based on network performance, computer performance, and bit rate.

   **Auto-change Stream Type**

   When On, changes the stream type automatically in live view according to window division and the size of the display window.

   **Enable Highlight**

   Enable this function to mark the detected objects with green rectangles in live view and playback.

   **VCA Rule**

   When On, displays the VCA rule in the live view and playback.

   **GPU Hardware Decoding**

   When On, enables the GPU decoding for live view and playback to save CPU resources.

   **Note**

   - Your PC must support GPU decoding.
   - After enabling GPU decoding, restart live view and playback for GPU decoding to take effect.
   - If the client shows a blurred screen after enabling GPU decoding, disable GPU decoding.
   - If GPU decoding is enabled, Overlay Transaction Information, fisheye dewarping in live view and playback are not supported.

   **Overlay Transaction Information**

   When On, displays the transaction information on the live view and playback image.

**Overlay Temperature Information**

When On, displays the temperature information on the live view and playback image.

4. Click **Save**.

## 19.3 Set File Saving Path

You can set the saving paths for the files you downloaded to your PC (manual recorded or downloaded video files, captured pictures, and package files). You can also configure the FTP server to save manual recording files and pictures.

Perform this task when you need to set file saving path.

**Steps**

1. Click **System** on the control panel to enter the System page.
2. Click **File** to enter the File Saving Path Settings page.
3. Set the local saving path for the files.

   **Save Video to**

   The video files refer to the manual recording files during live view, the clipped video during playback, the downloaded recording files during playback and the recording files downloaded from the Download Center page.

   **Save Picture to:**

   The pictures refer to the captured pictures during live view and playback.

   **Save Package to**

   The package files refer to the client installation packages.

4. Configure the FTP server.
5. Click **Save**.

## 19.4 Set Keyboard and Joystick Parameters

You can set shortcuts for the following hardware for quick and convenient access to the commonly used actions: DS-1003KI and DS-1004KI keyboard, PC keyboard, USB joystick, and USB keyboard.

Perform this task when you need to set keyboard and joystick parameters.

**Steps**

**Note**

For detailed operations of connecting the DS-1003KI, DS-1004KI, and DS-1005KI keyboard to a PC that runs Control Client, refer to the user manual of corresponding keyboard.

1. Click **System** on the control panel to enter the System page.
2. Click **Keyboard and Joystick** to enter the Keyboard and Joystick Parameters page.
3. Set parameters for different kinds of keyboard and joystick.
   - For DS-1003KI and DS-1004KI keyboards, select the serial port from the drop-down list.
   - For PC keyboards, USB keyboards, and USB joysticks, select a function, and double-click the item field to select the compound keys operation or number from the drop-down list to set it as the shortcuts for the function.
4. Click **Save**.

## 19.5 Set Alarm Sound

When an alarm, such as a motion detection alarm, video exception alarm, etc., is triggered, you can set the client to give an audible warning, and you can configure the sound of the audible warning for different priority levels.

Perform this task when you need to set alarm sounds.

**Steps**

1. Click **System** on the control panel to enter the System page.
2. Click **Alarm Center** to enter the Alarm Sound Settings page.
3. Select the alarm sound type.
   - If you select **Voice Engine**, the PC will play the voice text configured on the Web Client when the alarm is triggered.

     **Note**

     The Voice Engine function should be supported by the operating system of your PC.
   - If you select **Local Audio Files**, follow steps 4 and 5.
4. Click **Browse** and select audio files from the local PC for different alarm levels.

**Note**

- For configuring the priority level, refer to the *User Manual of HikCentral Web Client*.
- The format of the audio file can only be *.wav.

5. Click to test the audio file.
6. Click **Save**.

See Far, Go Further

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