



# KVMS Pro Lite User Manual






# Foreword

## General

This manual introduces the functions and operations of the KVMSPro Lite (hereinafter referred to as "the Platform"). Read carefully before using the platform, and keep the manual safe for future reference.

## Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
	Provides methods to help you solve a problem or save time.
	Provides additional information as a supplement to the text.

## Privacy Protection Notice

As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures which include but are not limited: Providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

## About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.

- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

# Table of Contents

1. Overview.....	5
2. Installation and Login .....	6
2.1. Installation.....	6
2.2. Login.....	6
2.2.1. Initialization .....	6
2.2.2. Daily Login .....	9
2.3. Password Reset.....	9
<b>2.4 Feedback.....</b>	<b>10</b>
3. Home Page.....	10
4. System Configuration .....	12
4.1. Basic Setting .....	12
4.2. Monitor Setting .....	14
4.3. Event Setting.....	14
4.4. Local Path.....	16
4.5. Data Management.....	16
4.6. Attendance Setting.....	17
4.7. Backing up and Restoring.....	17
5. Device Management .....	19
5.1. Adding Device.....	19
5.1.1. Adding Device by Auto Search .....	19
5.1.2. Adding Device Manually .....	20
<b>5.1.3 Importing Device in Batches .....</b>	<b>21</b>
5.2. Deleting Device.....	22
5.3. Exporting Device.....	22
5.4. Editing Device .....	23
5.4.1. Editing Device Information.....	23
5.4.2. Initialization .....	23
5.4.3. Changing IP Address .....	25
6. Log Query.....	27
7. Event Configuration .....	28
8. Event Center .....	31
8.1. Page Introduction.....	31
8.2. Configuring Live View Video.....	32

# **1. Overview**

KVMS Pro Lite is a client software developed for small and medium-sized solutions. You can download various solutions as needed. This manual introduces the general functions and operations.

## 2. Installation and Login

### 2.1. Installation

Contact technical support or download ToolBox to get the KVMSPRO Lite.

- If you get the software package of the KVMSPRO Lite, install and run the software according to page instructions.
- If you get the software by the ToolBox, run the KVMSPRO Lite according to page instructions.

### 2.2. Login

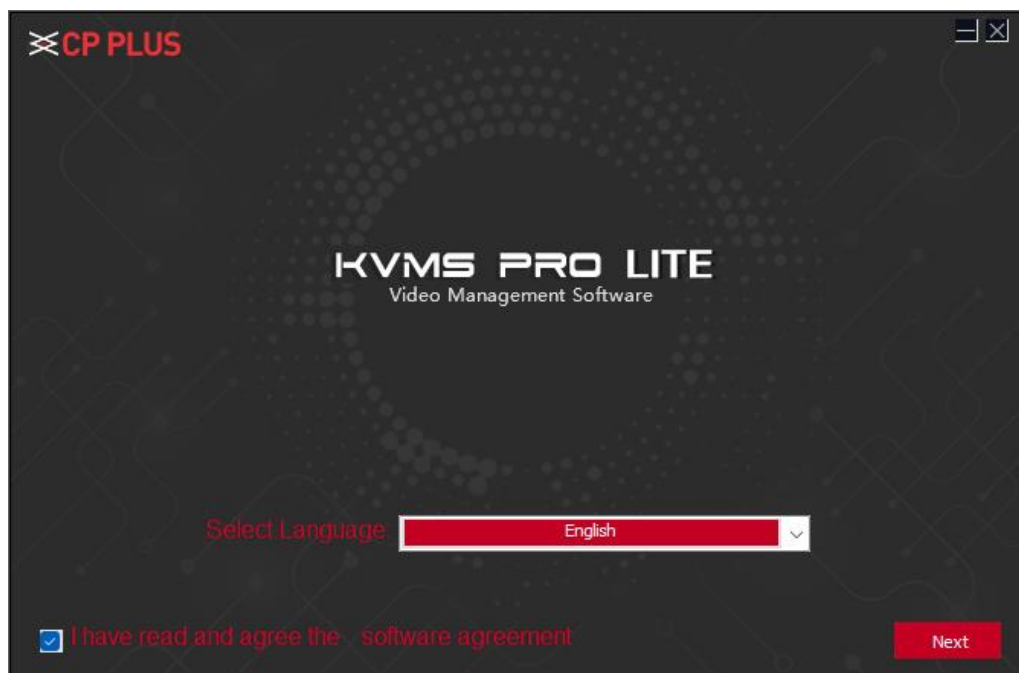
#### 2.2.1. Initialization

Initialize KVMSPRO Lite when you log in for the first time, including setting a password for login and security questions for resetting password.

Step 1 Double-click KVMSPROLite.exe, or click **Open** next to the software icon in the ToolBox.

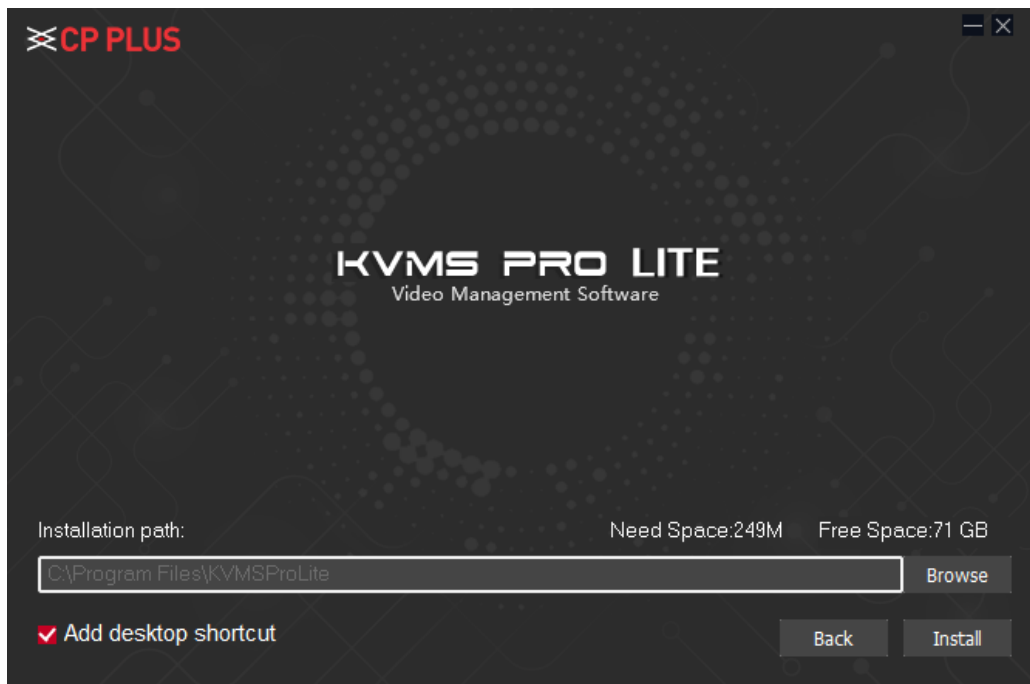
Step 2 Select the language from the drop-down list, select **I have read and agree the software agreement**, and then click **Next**.

Figure 2- 1 Select language



Step 3 Click **Browse** to select installation path, and then click **Install**.

Figure 2-2 Select installation path

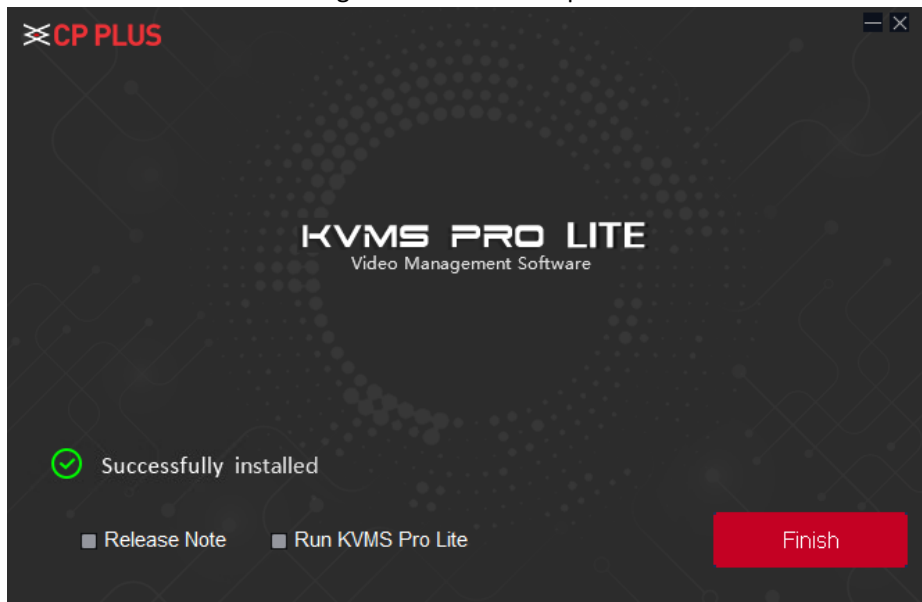


Step 4 Click **Finish** to complete the installation.



Select **Run KVMSPro Lite** to start KVMSPro Lite.

Figure 2-3 Install complete



Step 5 Click **Agree and Continue** to agree **Software License Agreement** and **Product Privacy Policy**.

Step 6 Set password on the **Initialization** page, and then click **Next**

Figure 2-4 Set password

Table 2- 1 Initialization parameters

Parameter	Description
Password	The password must consist of 8 to 32 non-blank characters and contain at least two types of characters among uppercase, lowercase, number, and special character (excluding ' " ; : & ).
Password Strength	Display the effectiveness of a password against guessing or brute-force attacks. Green means the password is strong enough, and red means less strong. Set a password of high security level according to the password strength prompt.
Confirm Password	Enter the password again to confirm the password.
Auto Login after Registration	Enable <b>Auto Login after Registration</b> so that the KVMSPRO Lite will log in automatically after initialization; otherwise the login page is displayed.

Step 7 Set security questions, and then click **Finish**.

Figure 2-5 Set security questions

2.2.2. Daily Login

- Step 1 Double-click KVMSProLite.exe, or click **Open** next to the software icon in the ToolBox.
- Step 2 Enter username and password, and then click **Login**.

Figure 2-6 Login

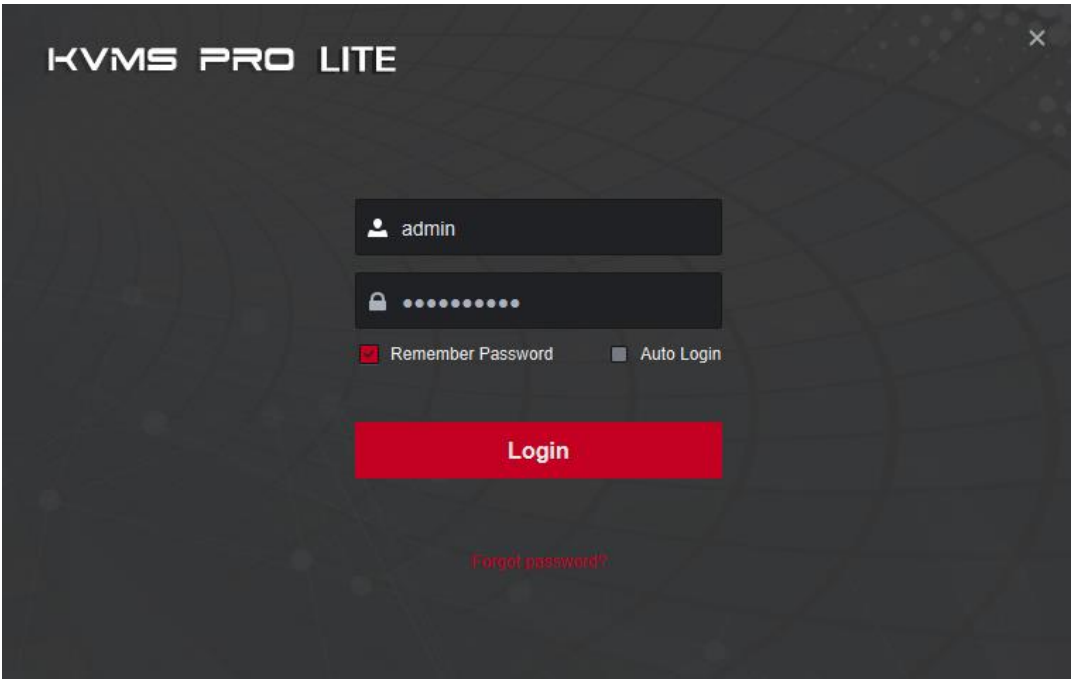


Table 2-2 Parameters of login

Parameter	Description
Remember Password	Enable <b>Remember Password</b> so that you do not need to enter the password again when logging in next time.
Auto Login	Enable <b>Auto Login</b> so that the KVMSPro Lite will log in automatically the next time when you use the same user account.
Forgot password?	Click <b>Forgot password?</b> to reset password through security questions when you forget the password.

2.3. Password Reset

You can reset the password by answering the security questions.

- Step 1 Double-click KVMSProLite.exe, or click **Open** next to the software icon in the ToolBox. Step 2 Click **Forgot password?** on the login page.
- Step 3 Answer the security questions, and then click **Next**.
- Step 4 Reset password according to page instructions.

## 2.4 Feedback


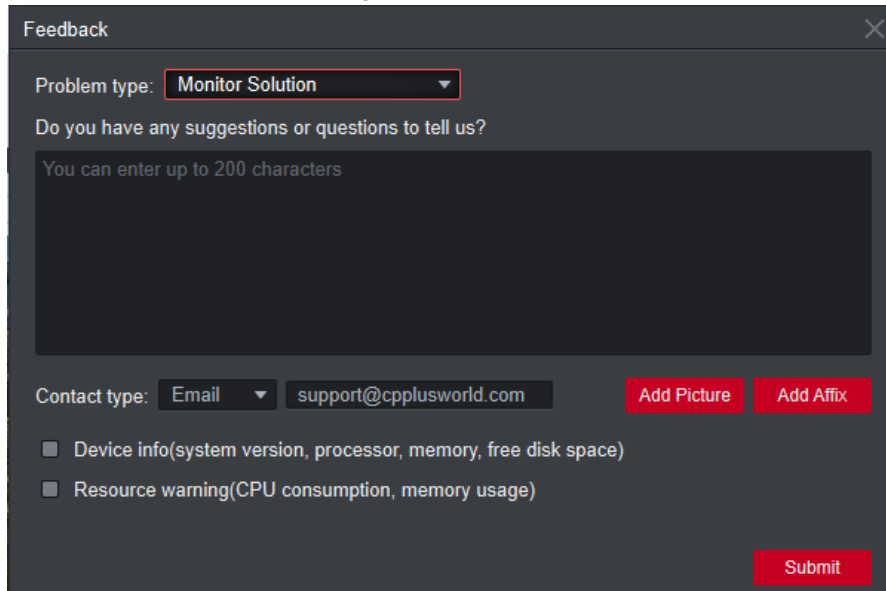
If you have any suggestion, on the upper right corner of the page, select  > **Feedback**, and then you can enter suggestions (words), upload pictures and attachments, and then click **Submit**.

Figure 2-7 Feedback



The feedback form is titled "Feedback" and has a close button (X) in the top right corner. It contains the following elements:

- Problem type:** A dropdown menu currently showing "Monitor Solution".
- Do you have any suggestions or questions to tell us?** A text input area with a placeholder "You can enter up to 200 characters".
- Contact type:** A dropdown menu showing "Email" and a text input field containing "support@cpplusworld.com".
- Buttons:** "Add Picture" and "Add Affix" buttons are located next to the contact information.
- Checkboxes:** Two checkboxes are present: "Device info(system version, processor, memory, free disk space)" and "Resource warning(CPU consumption, memory usage)".
- Submit:** A red "Submit" button at the bottom right.

## 3. Home Page

The homepage consists of 9 parts.

Figure 3- 1 Home page

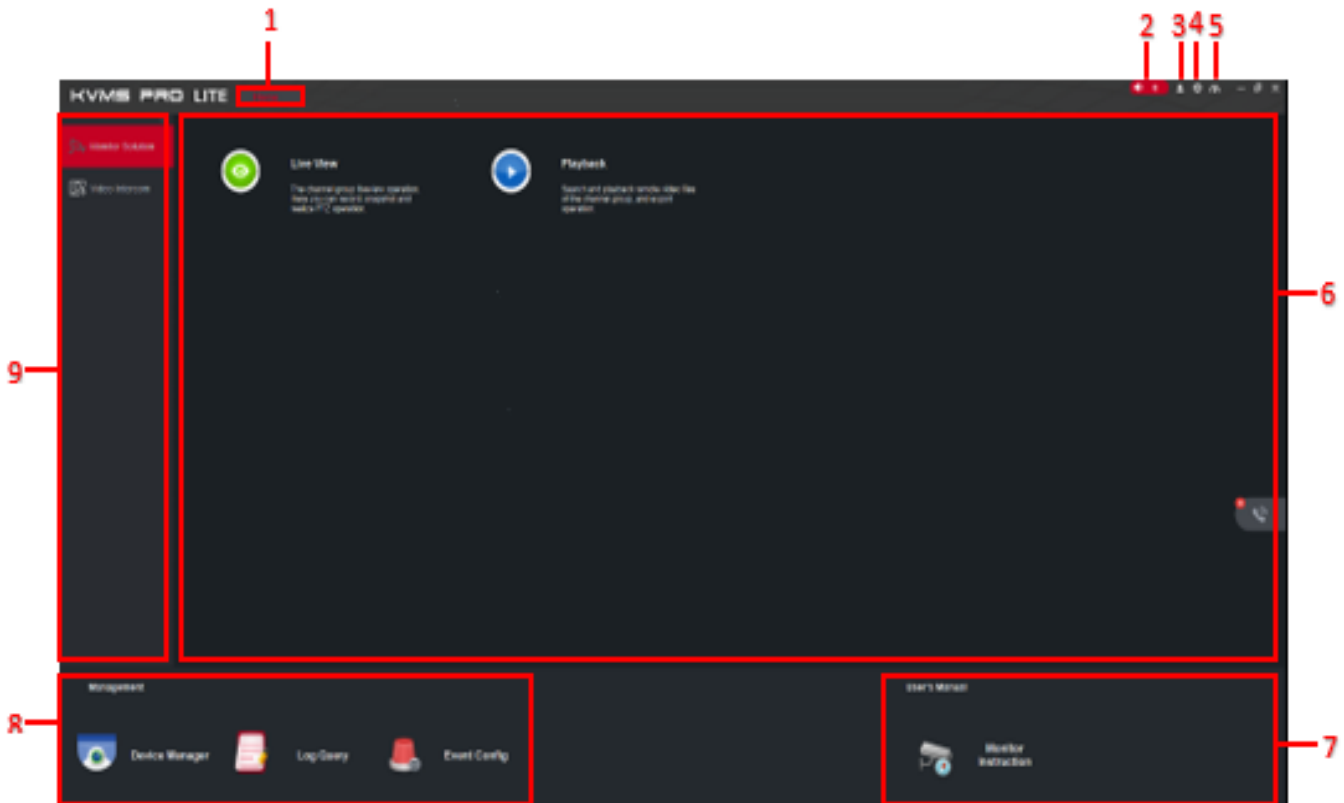












Table 3- 1 Parameters of home page

No.	Parameter	Description
1	Function tab	Display the home page by default. When you click on a function for the first time, the function tab is added here.
2	Alarm sound	Click   to turn on or turn off the alarm sound. The number on the icon means the number of alarm events that are reported but unprocessed. Click the number to open the <b>Event Center</b> to view the details of alarm events. For details, see "8 Event Center".
3	User management	<ul style="list-style-type: none"> <li>Click , and then select <b>User Manager</b> to manage users, such as add role/user, delete role/user and set permissions.</li> <li>Click , and then select <b>Lock Screen</b> to lock screen. Enter password of login account when you want to unlock.</li> <li>Click , and then select <b>Switch User</b> to return to the login page. You can log in with new account.</li> <li>Click , and then select <b>Help Manual</b> to get the user's manual.</li> <li>Click , and then select <b>About</b> to view the system version, date, <b>Open source Statement</b> and <b>Software license agreement</b>.</li> </ul> <p>Enable <b>Open Debugging Log</b> so that the debugging logs are saved automatically to a local path, for locating and problems solving.</p>
4	System configuration	Configure basic setting, monitoring setting and other parameters. For details, see "4 System Configuration".
5	System status	Click  to view the using status of CPU and RAM. If the CPU usage is high, the icon turns red.
6	Function module	Click the function icon to go to the function page.
7	User's Manual	Click the icon to get the user's manual of the corresponding solution.
8	Management	<ul style="list-style-type: none"> <li><b>Device Manager:</b> You can add devices, remotely configure the device, modify IP address and more.</li> <li><b>Log Query:</b> You can query and export the log information of the platform and device.</li> <li><b>Event Config:</b> Configure alarm linkage actions.</li> </ul>
9	Solution module	Select the needed solution. Click   display or hide solutions.

## 4. System Configuration

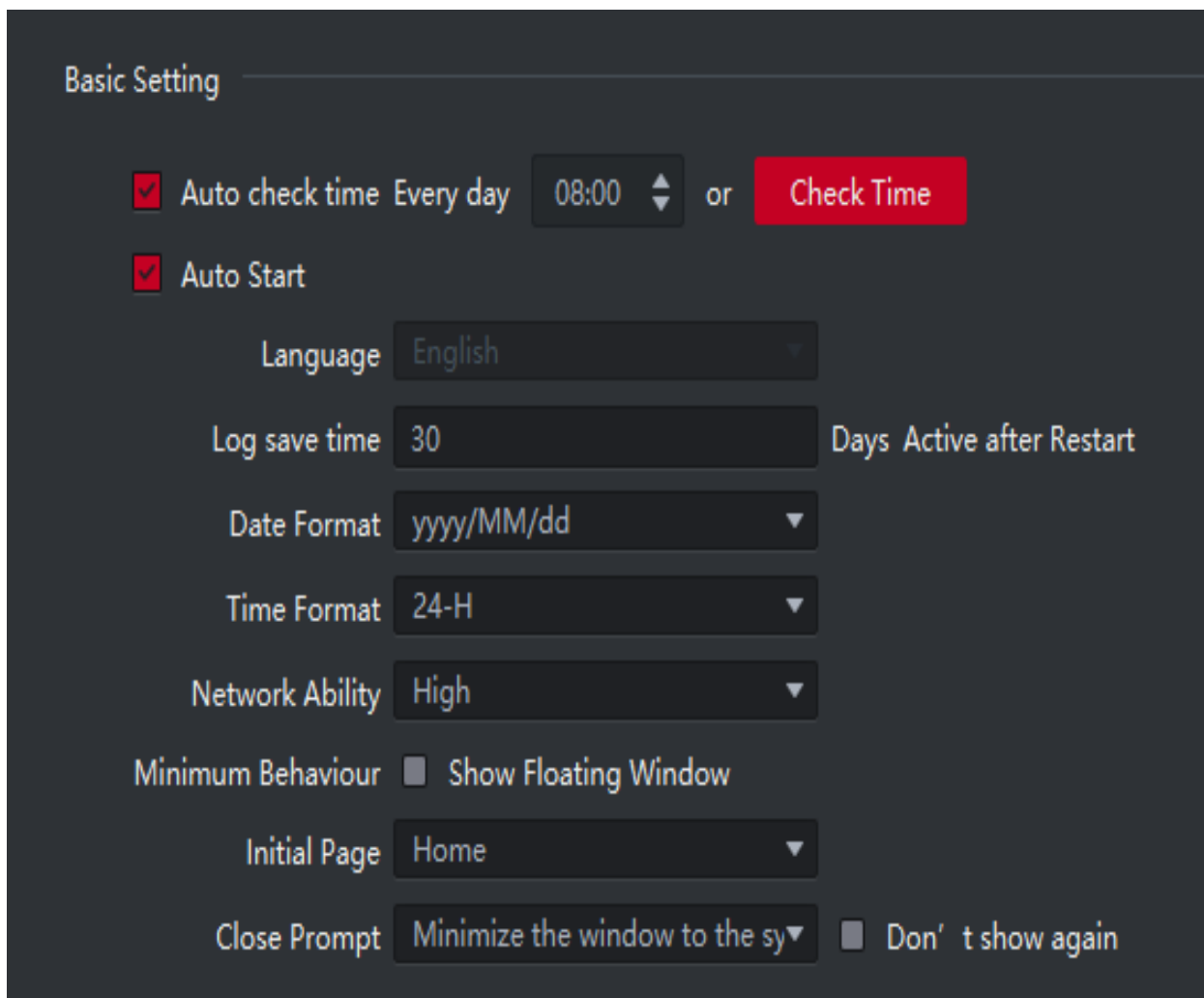
### 4.1. Basic Setting

Configure the time, language, skin and other functions of the platform.

Step 1 Select  > **System Config** > **Basic setting**.

Step 2 Configure basic setting parameters.

Figure 4- 1 Basic setting



Basic Setting

☒ Auto check time Every day 08:00 or Check Time

☒ Auto Start

Language English

Log save time 30 Days Active after Restart

Date Format yyyy/MM/dd

Time Format 24-H


Network Ability High

Minimum Behaviour ☐ Show Floating Window

Initial Page Home

Close Prompt Minimize the window to the sy ☐ Don't show again

Table 4- 1 Description of basic setting parameters

Parameters	Description
Timing	Enable <b>Auto Check Time Everyday</b> and set <b>Check Time</b> so that the devices check time automatically at the set point in time.
Auto Start	The platform is automatically started after the computer is turned on.
Language	Display the language which is activated after restart.
Log save time	Set the save time of log and then logs from today to the set time will be saved. This function is activated after restart. For example, set the save time as 30, and then the logs of the last 30 days will be saved.
Data format	Select data display format.
Time format	Select time display format.
Network ability	Select network ability according to your network condition. For example, when network condition is fluent, you are recommended to select <b>High</b> .
Skin	Select the skin which is activated after restart. The default setting is grayish white.
Minimum Behavior	Select <b>Show Floating Window</b> , and after the platform is minimized  will be displayed prompting the number of the triggered alarm events.
Initial Page	Select the function tab that is opened by default when the platform is started. You can select from <b>Home</b> and <b>Resume last page</b> .
Close Prompt	A prompt will automatically pop up when the platform is closed. Select <b>Don't show again</b> if you do not need the prompt.

Step 3 Click **Apply**.

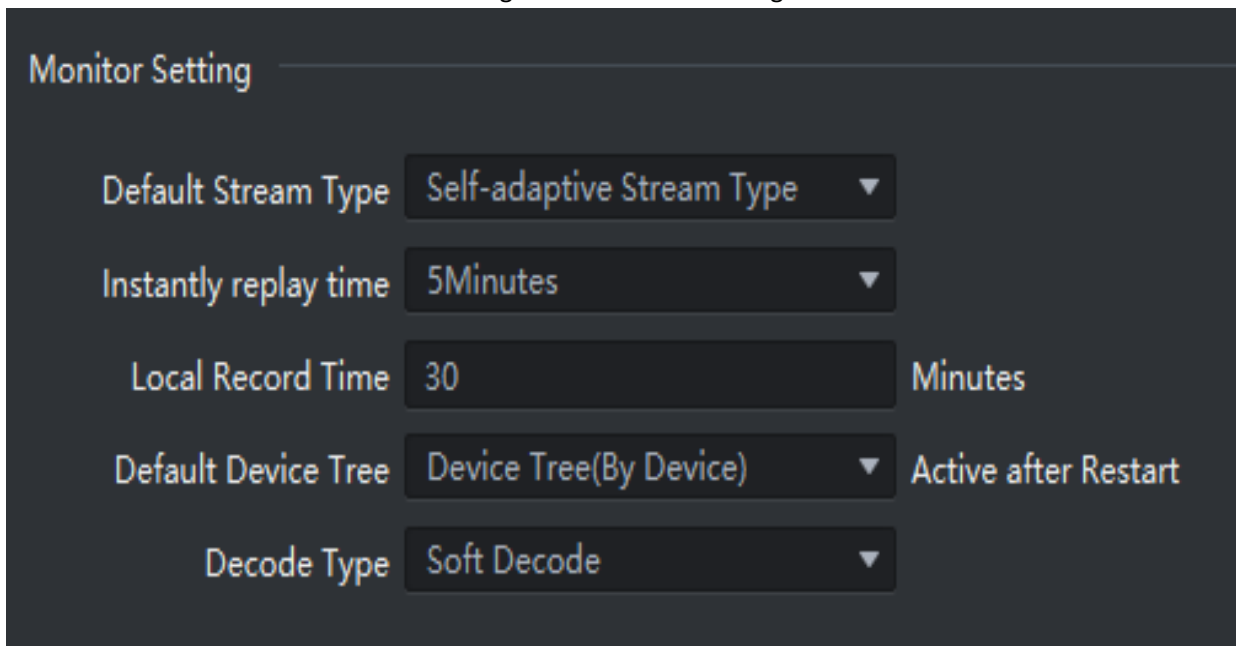
## 4.2. Monitor Setting

Configure default system type, instantly replay time, local record time and other functions.

Step 1 Select  > **System Config** > **Monitor setting**.

Step 2 Configure monitor setting parameters.

Figure 4-2 Monitor setting



Monitor Setting

Default Stream Type Self-adaptive Stream Type ▼

Instantly replay time 5Minutes ▼

Local Record Time 30 Minutes

Default Device Tree Device Tree(By Device) ▼ Active after Restart

Decode Type Soft Decode ▼


Table 4-2 Description of monitor setting parameters

Parameter	Description
Default Stream Type	Select the real-time default stream type. You can select from <b>Self- adaptive Stream Type</b> , <b>Sub Stream</b> and <b>Main Stream</b> .
Instantly replay time	Select the instantly replay time. For example, if the value is set to 5 minutes, the previous 5 minutes will be played back
Local Record Time	Select the local record time. For example, if the value is set to 30 minutes, the system records a video for 30 minutes and then automatically saves the video to the default path on the computer. The default path is \Data\User\Record.
Default Device Tree	<ul style="list-style-type: none"><li>• Device Tree (By device): Display with the device as a node.</li><li>• Region Tree (By Channel): Display with the channel as a node.</li></ul>
Decode Type	<ul style="list-style-type: none"><li>• <b>Soft Decode</b>: Decode videos through graphics cards.</li><li>• <b>Hardware Decode</b>: Decode through CPU.</li></ul>
Resume Last Preview	After enabling this function, the platform automatically open the last preview after restarting the platform.
Show IVS Rule	After enabling this function, the IVS rules will be displayed on the monitoring screen.
Save Device Tree Selection	This function is not supported currently.

Step 3 Click **Apply**.

## 4.3. Event Setting

Configure the alarm sound and link the sender and receiver of the email.

Step 1 Select  > **System Config** > **Event**.

Step 2 Configure event setting parameters.

Figure 4-3 Event setting

Event

☐ Loop

☒ Global Wav

Wav File Path

./Data/System/Sound/en/default.wav

☒ SMTP

SMTP Server

Port

25

User Name

Password

Sender

Receiver

+

Encrypt Mode

None

Interval Time

10

(s)

Test

Table 4-3 Description of event setting parameters

Parameter	Description
Loop	After enabling this function, the alarm sound will be looped once an event occurs.
Global Wav	<ul style="list-style-type: none"><li>● Select Global Wav, and then select the sound file in the Wav File Path. The sound will be played after the corresponding event is triggered.</li><li>● Do not select Global Wav, and then select the event type and sound type in the drop-down list or select the sound file in the Wav File Path. The sound will be played after the corresponding event is triggered.</li></ul>
SMTP	<p>When you need to link email sending, you need to enable SMTP function.</p> <ul style="list-style-type: none"><li>● SMTP Server: SMTP (Simple Mail Transfer Protocol) server address.</li><li>● Port: The port number of the SMTP server.</li><li>● User Name: The account of SMTP server.</li><li>● Password: The password of SMTP server.</li><li>● Sender: The email address of the sender.</li><li>● Receiver: The email address of the receiver. Supports 5 addresses at most.</li></ul> <p>After entering the receiver's email address, click Test to test whether the emails can be sent and received successfully.</p> <ul style="list-style-type: none"><li>● Encrypt Mode: Select from None, SSL (Secure Sockets Layer) and TLS (Transport Layer Security).</li><li>● Interval Time: The platform sends alarm information according to the set interval time.</li></ul>

Step 3 Click **Apply**.

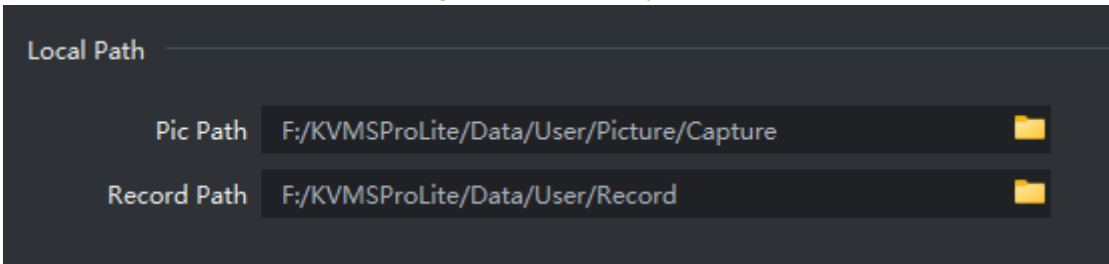
## 4.4. Local Path

Set the save path for the pictures, videos and other data collected by the platform.

Step 1     Select  > **System Config** > **Local Path**.

Step 2     Set the local path.

Figure 4-4 Set local path



Step 3     Click **Apply**.

## 4.5. Data Management

Periodically extract the attendance data from devices, and periodically clear the data, pictures and videos saved on the computer.

Step 1     Select  > **System Config** > **Data Management**.

Step 2     Configure data management parameters.

Figure 4-5 Data management

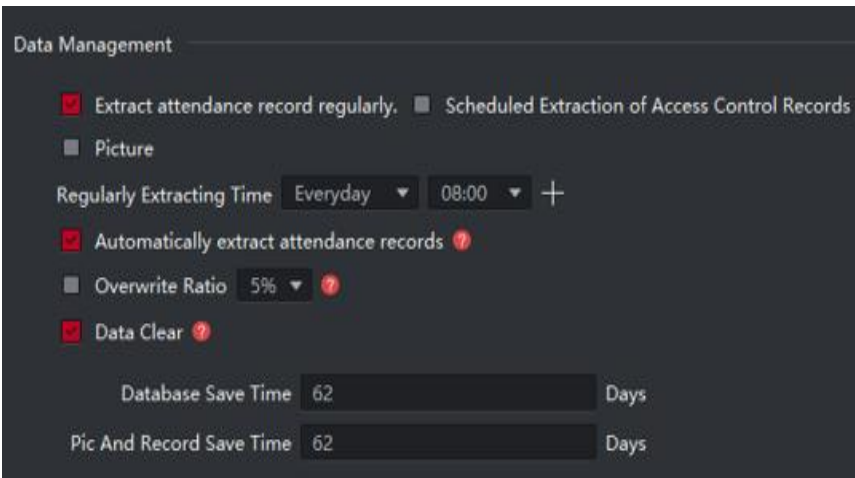



Table 4-4 Description of data management parameters

Parameter	Description
Extract attendance record regularly	The platform automatically extracts attendance and access control records and pictures according to the setting time.
Scheduled Extraction of Access Control Records	<ul style="list-style-type: none"><li>For attendance devices, extract the attendance data directly. For access controllers, set the device as attendance point in advance and then extract the attendance data. For details, see <i>KVMSPPro Lite Attendance Solution User's Manual</i>.</li><li>If you set <b>Regularly Extracting Time</b> as <b>Everyday</b>, you can select five time points.</li><li>If you set <b>Regularly Extracting Time</b> as <b>Every Week</b>, you can select a certain time point on a certain day.</li></ul>

Auto extraction	Enable <b>Auto extraction</b> function, and then the platform will automatically extract attendance records or access control records.
Overwrite Ratio	Enable <b>Overwrite Ratio</b> function, and then configure the ratio. When the disk is full, the system will automatically overwrite the older images and videos according to the ratio.
Data Clear	Configure the save time of database, pictures and videos according to actual requirements. The platform automatically clears data and pictures that exceed the saving time. It triggers at 00:00 each day or when the software is started.  This data does not include temperature monitoring data.

Step 3 Click **Apply**.

## 4.6. Attendance Setting

You need to enable **Attendance Summary SMTP Setting** function if you want the platform regularly send attendance summary to your email.

Step 1 Select  > **System Config** > **Attendance Setting**.

Step 2 Configure **Attendance Summary SMTP Setting** parameters. For details on SMTP parameters, see Table 4-3.

Figure 4-6 Attendance summary SMTP setting



Step 3 Click **Test** to test whether the email address is working.

Step 4 Enable **Send attendance summary regularly** to send the attendance summary regularly to your email.

Step 5 Click **Apply**.

## 4.7. Backing up and Restoring

Backup and restore platform configuration.


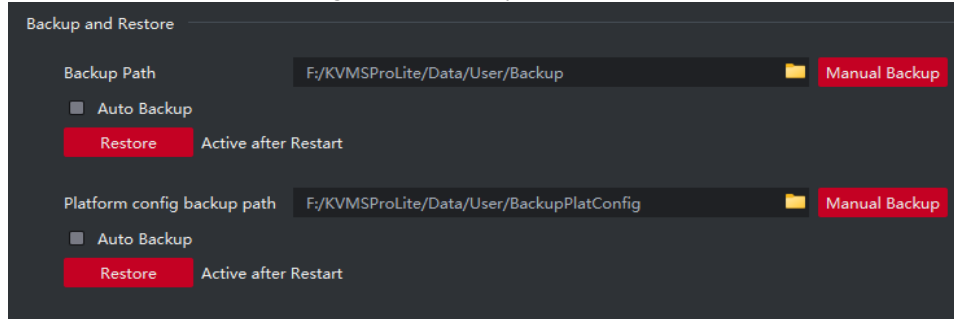
- Step 1     Select  > **System Config** > **Backup and Restore**.
- Step 2     Backup configurations and platform configurations to the computer. The platform supports to backup automatically and manually.
- Backup manually: Select the backup path, and then click **Manual Backup**.
  - Backup automatically: Select the backup path, and then enable **Auto Backup**.
- Step 3     Click **Restore**, and then select the backup file that you need.  
Configurations will restore the file configurations.

Figure 4-7 Backup and restore



- Step 4     Click **Apply**.

## 5. Device Management

The KVMS Pro Lite allows for adding devices. You can remotely configure and operate the devices after adding by the KVMS Pro Lite.

### 5.1. Adding Device

There are various methods to add devices. Select the most suitable method according to the situations, such as IP address and network segment.

- Automatically search
- Manually adding
- Import in batches

#### 5.1.1. Adding Device by Auto Search



- We recommend you add devices by automatically search when you need to add devices in batches within the same network segment, or when the network segment is clear but the device IP address is unclear.
- Close ConfigTool and DSS when you configure devices; otherwise, you may not be able to find all devices.

**Step 1** Click **Auto Search** on the **Device Manager** page.

**Step 2** Set the range of network segment, and then click **Search**.

The list of searched devices is displayed.



- Click Auto Search to refresh the search results.
- Click Auto Search to refresh the search results.
- Click one needed device and then click Modify IP to change the IP address, subnet mask and gateway. For details, see "5.4.3 Changing IP Address".
- Click one uninitialized device and then click Initialization. You can reset IP address, sub mask, gateway and login password. For details, see "5.4.2 Initialization".

Figure 5- 1 Search results

No.	IP	Device Type	MAC Address	Port	Initialization Status
1	192.168.0.109	CP-UNC-TA21L2-GP-V3	28:18:fd:0a:6d:3e	25001	Initialized
2	192.168.0.114	CP-UNC-TA21L2-GP-V3	28:18:fd:16:f9:34	25001	Initialized
3	192.168.0.127	CP-UNC-TA21L2-GP-V3	fc:b6:9d:03:14:ad	25001	Initialized
4	192.168.0.60	CP-UNC-TA21L2-GP-V3	14:07:08:1a:27:02	25001	Initialized
5	192.168.0.12	CP-UNC-TA21L2-GP-V3	28:18:fd:03:8c:5b	25001	Initialized
6	192.168.0.129	CP-UNC-TA21L2-GP-V3	fc:b6:9d:36:c1:1a	25001	Initialized
7	192.168.0.146	CP-UNC-TA21L2-GP-V3	b4:4c:3b:b0:5a:b4	25001	Initialized
8	172.16.3.143	CP-UNC-TA21L2-GP-V3	40:b0:34:3d:5f:4c	25001	Initialized

**Step 3** Click the needed devices, and then click **Add**.

**Step 4** Enter the login user name and password, and then click **OK** to confirm.

- The Auto Search page is still displayed after adding devices. You can continue to add or click Cancel to quit.
- Devices will be logged in automatically after adding. If the login is successful, the status displays as online; otherwise it is offline.

### 5.1.2. Adding Device Manually

We recommend you add devices manually when you need to add one single device with certain IP address or domain name.

Step 1 Select **Add** on the **Device Manager** page.

Step 2 Set device parameters.

Add devices through IP

Figure 5-2 Add device manually

The screenshot shows a dark-themed 'Add Device' dialog box. It has a title bar with a close button. Inside, there are two columns of input fields. The left column has 'Device Name:' followed by a text input field, 'IP:' followed by a text input field, and 'User Name:' followed by a text input field. The right column has 'Method to add:' followed by a dropdown menu showing 'IP/Domain', 'Port:' followed by a text input field showing '25001', and 'Password:' followed by a text input field. At the bottom, there are three buttons: 'Add and Continue' (red), 'Add' (red), and 'Cancel' (gray).

Table 5- 1 Parameters of IP adding

Parameter	Description
Device Name	We recommend you name devices with the monitoring area for easy identification.
Method to add	Select <b>IP</b> .
IP	Enter the IP address of the device.
Port	Enter the port number, and the port number is 25001 by default. The actual port number shall prevail.
User Name	Enter the login user name.
Password	Enter the login password.

- Add devices through SN.

Figure 5-3 Add devices through SN

Table 5-2 Parameters of SN adding

Parameter	Description
Method to add	Select <b>SN (For Device Support INSTAON)</b> .
SN	Enter the serial number of the device.

**Step 3** Click **Add** to add the device, and then close the **Add Device** page; or click **Add and Continue** to add the device and stay on the **Add Device** page so that you can add another device conveniently.

### 5.1.3 Importing Device in Batches

We recommend you add devices by importing when you need to add devices in batches but they are not on the same network segment. Organize the device information as a file in .xml format, and then import the file.



You can export the template of device information. Select a device and click **Export**.

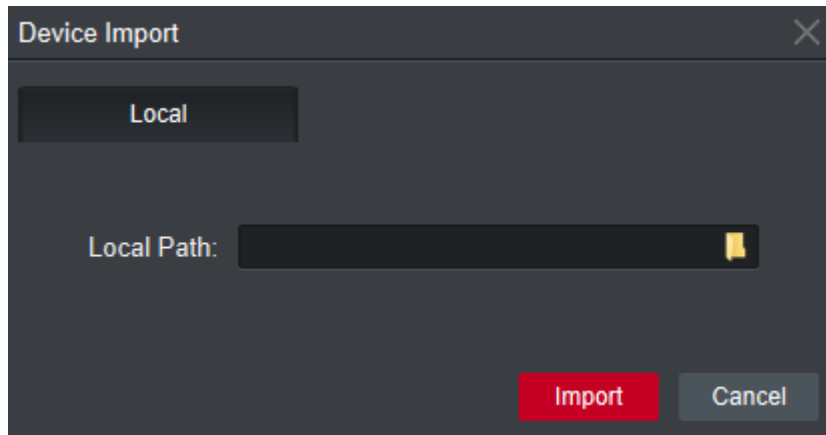
**Step 1** Click **Device Manager > Import**.

**Step 2** Select the information file, and then click **Import**.



- Devices will be logged in automatically after adding. If the login is successful, the status displays as online; otherwise it is offline.

Figure 5-4 Import device information in .xml format



## 5.2. Deleting Device


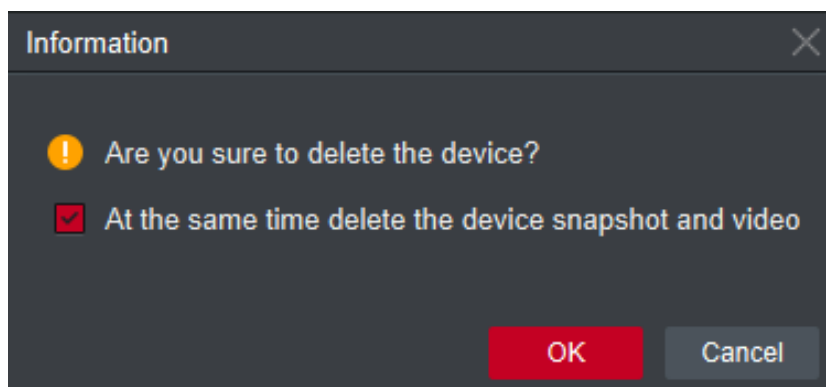
- Step 1     Select **Device Manager** on the home page.
- Step 2     Select the device that you do not need any more, and then click **Delete** or  on the right side of device.
- Step 3     (Optional) select **At the same time delete the device snapshot and video** if you do not need those snapshots and videos; otherwise, do not select it.

Figure 5-5 Delete device



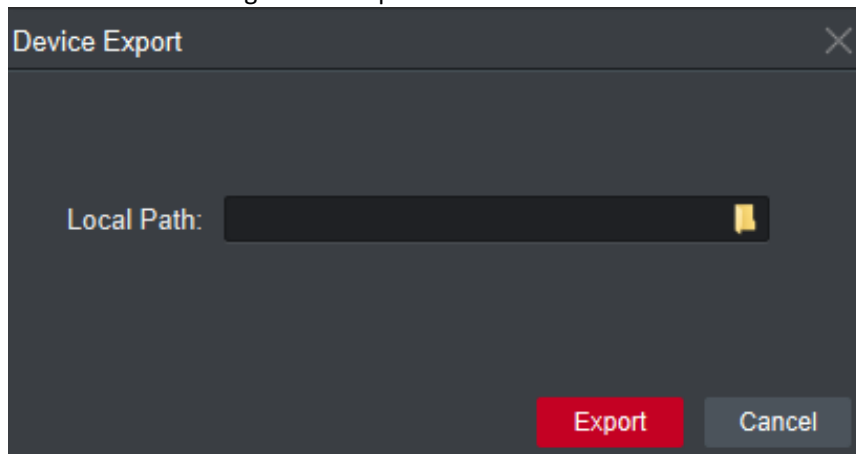
- Step 4     Click **OK**.

## 5.3. Exporting Device

You can export device information to local.

- Step 1     Select **Device Manager** on the home page.
- Step 2     Select the device which needs to be exported, and then click **Export** on the **Device Manager** page.
- Step 3     Select the local path of export, and then click **Export**.

Figure 5-6 Export device information




## 5.4. Editing Device

### 5.4.1. Editing Device Information

You can modify the information of added device, such as name, login user name and password.

Step 1 Select **Device Manager** on the home page.

Step 2 Click  on the right side of the selected device or double-click the device on the device list.

Step 3 Edit device information.

Step 4 Click **Save**.

### 5.4.2. Initialization

You can only initialize devices which are on the same network segment as the computer.

Step 1 Click **Device Manager > Auto Search**.

Step 2 Set the range of network segment, and then click **Search**.

Figure 5-7 Device list

Auto Search

Auto Search Device Segment: 172 . 16 . 3 . 0 - 172 . 16 . 3 . 255 Search

Modify IP Initialization Search Device Number: 17

No.	IP	Device Type	MAC Address	Port	Initialization Status
1	192.168.1.250	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Uninitialized
2	192.168.1.251	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Initialized
3	192.168.1.252	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Initialized
4	192.168.1.253	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Initialized
5	192.168.1.254	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Initialized
6	192.168.1.255	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Initialized
7	192.168.1.256	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Initialized
8	192.168.1.257	QFP-1000-1000-1000-1000	00:00:00:00:00:00	2555	Initialized

Add Cancel

Step 3 Select the uninitialized device, and then click **Initialization**.

Step 4 Set password, and then click **Next**.

Figure 5-8 Set password

1. Set a password. 2. Password security. 3. Modify IP address.

User Name: admin

Password: \*

Confirm Password: \*

Please input 8~32 bytes from letters or numbers or symbols.

Next Cancel

Step 5 Enter email address for password resetting.

Figure 5-9 Reserve email address

1. Set a password. 2. Password security. 3. Modify IP address.

Email

Bind Email Address: \* Reset Password

Back Next Cancel

**Step 6** Enter new IP address, subnet mask and gateway, and then click **Finish**. If they are not entered, the three parameters will be the default values.

Figure 5- 10 Modify IP address

5.4.3. Changing IP Address

After initializing remote device, you can change the IP address of initialized devices.

- Step 1

Click **Auto Search** on the **Device Manager** page.
- Step 2

Set the range of network segment, and then click **Search**.
- Step 3

Select the needed devices, and then click **Modify IP**.
- Step 4

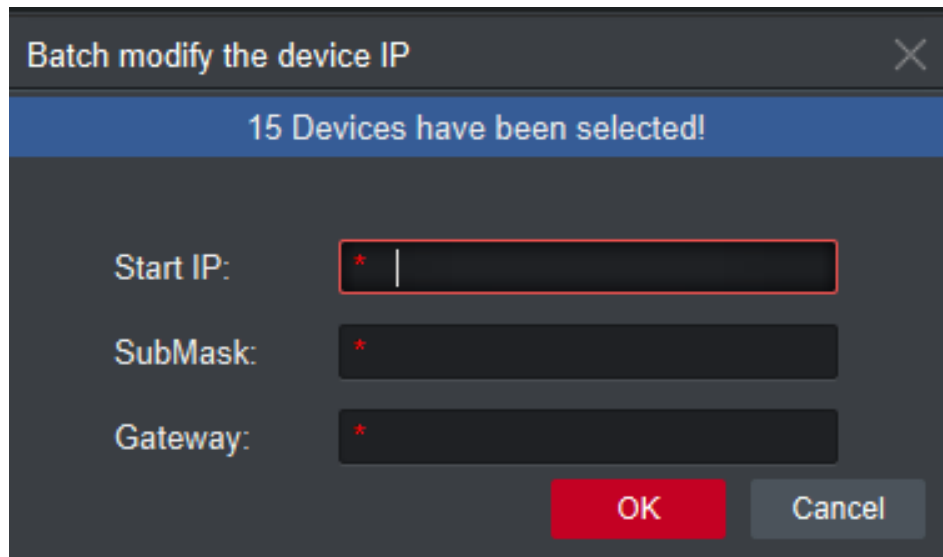
Change the IP address, subnet mask and gateway of the device, and then click **OK**. You can change IP of a single device or of devices in batches.



- For batch change, the new IP will be assign to the top-most device, and other IP addresses will increase by 1 from top to bottom. For example, if you select two devices and set the new IP as 192. 168. 1. 10, then the IP address of top device on the list will be changed as 192. 168. 1. 10, and the next device will be changed as 192.168.1.11.
- For batch change, the subnet mask and gateway will be assigned to all selected devices.

Figure 5- 11 Change IP of a single device

Figure 5- 12 Change IP of devices in batches



A screenshot of a software dialog box titled "Batch modify the device IP". The dialog has a dark gray background. At the top, there is a blue header bar with the text "15 Devices have been selected!". Below this, there are three input fields, each preceded by a label and a red asterisk indicating a required field. The first field is labeled "Start IP:" and contains a red asterisk and a vertical cursor. The second field is labeled "SubMask:" and contains a red asterisk. The third field is labeled "Gateway:" and contains a red asterisk. At the bottom right of the dialog, there are two buttons: a red "OK" button and a gray "Cancel" button.

Step 5 Enter the login username and password, and then click **OK** to confirm.

## 6. Log Query

You can query for alarm events, client logs and device logs.

Step 1 Select **Log Query**.

Step 2 Select log type and log time, and then enter key words if needed.

Step 3 Click **Search**.

Step 4 (Optional) Click **Export** to export logs to local device.

Figure 6- 1 Query for logs

Log Type:

System Log

All

Time:

02/02 00:00-02/04 23:59

Key words:

Search

Export

No	Time	User Name	Event Type	Device Name
1	2023-02-03 15:45:05	admin	User Login	
2	2023-02-03 15:37:01	admin	User Logout	

Every page shows 100 Total 2 records. < < 1/1 > >| Jump to Page Jump

## 7. Event Configuration

By configuring event, you can set event linkages, such as alarm sound, email sending and alarm linkages.

- Configure external alarm linkages connected to the access controllers (such as smoke alarm), cameras and storage devices.
- Different devices support different alarm linkages, and the actual page might vary depending on different devices.
- Configure linkages of access controller events.
  - ◇ Alarm event
  - ◇ Abnormal event
  - ◇ Normal event

**Step 1** Click **Event Config** on the home page.

**Step 2** Select the needed device, and then select **Alarm Event > Intrusion Event**.

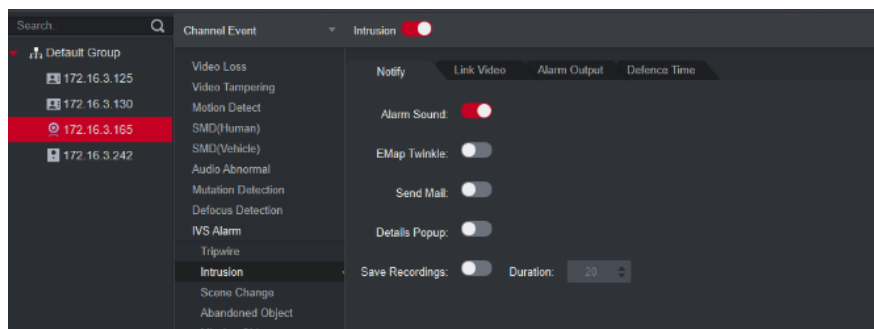
**Step 3** Click ☐ on the right side of **Intrusion Alarm** to enable the function.

**Step 4** Configure linkage actions of the intrusion alarm.

- Enable alarm sound.
- Send alarm email.
  - 1) Enable **Send Mail** and confirm to set SMTP, you will automatically go to the **System Settings** page.
  - 2) Configure SMTP parameters, such as server address, port number, and encryption mode.

When intrusion event occurs, the system automatically sends alarm emails to the specified receiver.

Figure 7- 1 Configure intrusion alarm

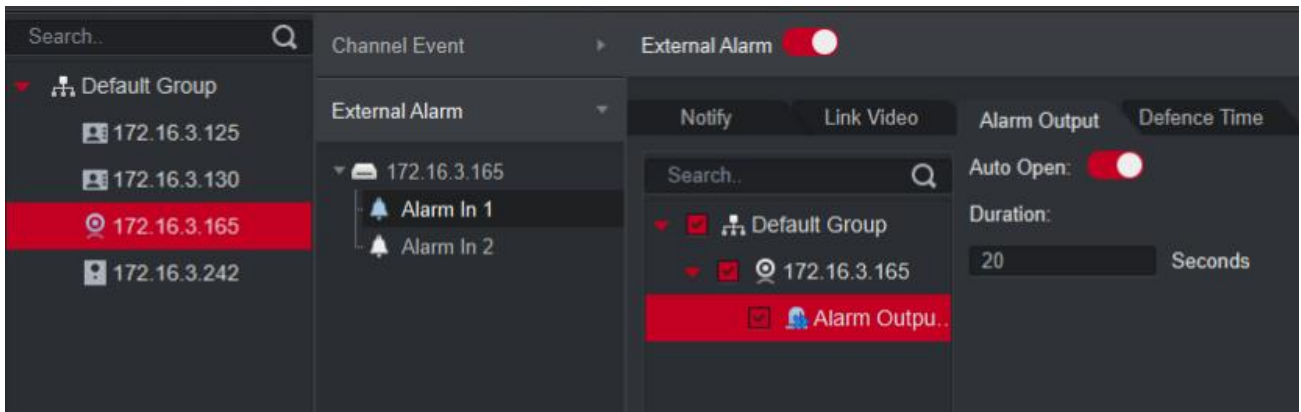


- Configure linkage video.

Click **Link Video**, select video layout as needed. Once intrusion alarm is triggered, videos will be automatically displayed on the page.

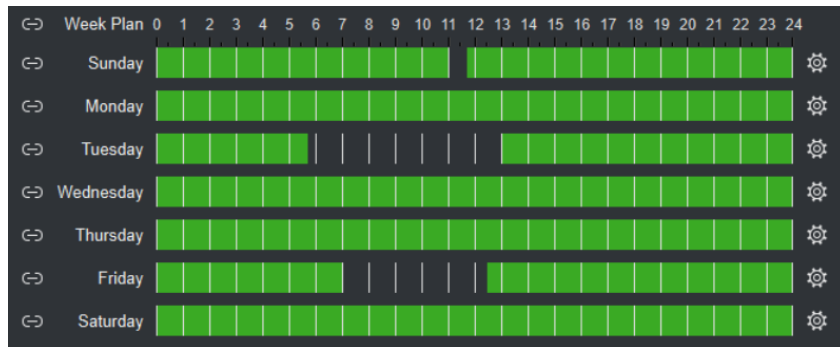
- Configure alarm I/O.
  1. Click the **Alarm Output** tab.
  2. Select the device which supports alarm input, select the alarm input channel, and then enable **External Alarm**.
  3. Select the device which supports alarm output, then select alarm-out page.
  4. Enable **Auto Open** for the alarm linkage.
  5. Set the duration.

Figure 7-2 Configure alarm linkage



- Set arming periods. There are two methods.
  - ◇ Method 1: Move the cursor to set time periods. When the cursor turns to a pencil, click it to add periods; when the cursor turns to an eraser, click it to minus periods. The periods in green area are armed.

Figure 7-3 Set arming periods (method 1)




- ◇ Method 2: Click  to set periods, and then click **OK**.

Figure 7-4 Set arming periods (method 2)

The image shows a 'Time Editor' dialog box with a close button (X) in the top right corner. It contains six rows, each representing a 'Timezone' (Timezone 1 through Timezone 6). Each row has two time input fields separated by a minus sign. The first field has an up arrow and the second has a down arrow. Below the timezones is a 'Check All' checkbox, which is currently checked. Underneath is a row of seven day checkboxes: Sun (checked), Mon, Tue, Wed, Thu, Fri, and Sat. At the bottom right are two buttons: 'OK' (red) and 'Cancel' (grey).

Timezone	Start Time	End Time
Timezone 1	00:00:00	11:00:00
Timezone 2	11:45:00	23:59:59
Timezone 3	00:00:00	00:00:00
Timezone 4	00:00:00	00:00:00
Timezone 5	00:00:00	00:00:00
Timezone 6	00:00:00	00:00:00

☒ Check All


☒ Sun ☐ Mon ☐ Tue ☐ Wed  
☐ Thu ☐ Fri ☐ Sat

**OK** Cancel

Step 5 (Optional) Click **Copy To**, select the access controller to be applied to, and then click **OK**.

Step 6 Click **Save**.

# 8. Event Center

You can view and process the real-time alarm events. Click the number  on the upper-right corner of the page to enter the event center.

## 8.1. Page Introduction

Figure 8- 1 Event center

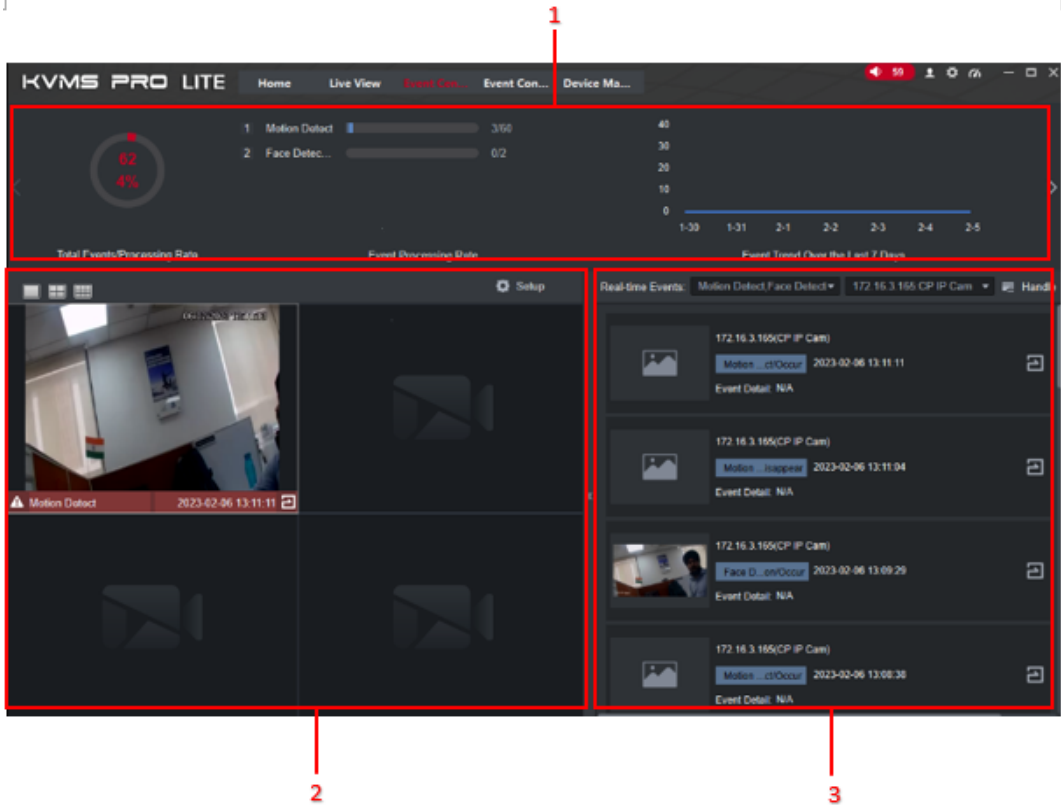




Table 8- 1 Description of event center parameters


No.	Parameter	Description
1	Event statistics	<ul style="list-style-type: none"><li>● <b>Total Events/Processing Rate:</b> Display the pie chart of the total events and processing rate. Click the chart to view the information of unprocessed events.</li><li>● <b>Event Processing Rate:</b> Display the processing rate of different event types in real time.</li><li>● <b>Event Trend Over the Last 7 Days:</b> Display the graph of the top five event types in seven days (excluding today). Point to the graph to display the specific number of the alarm events.</li></ul> <div> Click  to display the details of each alarm event.</div>

No.	Parameter	Description
2	Live View Video	Preview the configured channel video. Click page. « the preview
3	Real-time Events	View real-time alarm events. You can search event information according to alarm types and devices.

## 8.2. Configuring Live View Video

Configure live view video channels, and capture channel images, videos and video talks.

### Procedure

**Step 1** Click  to select the screen number on the **Event Center** page.



It only supports 1, 4, 9 screen splits.

**Step 2** Right-click the screen, click **Stream Type**, and then select the video channel that you want

to live view.

**Step 3** Click **Setup**, and then select the configuration according to actual needs.

Figure 8-2 Setup

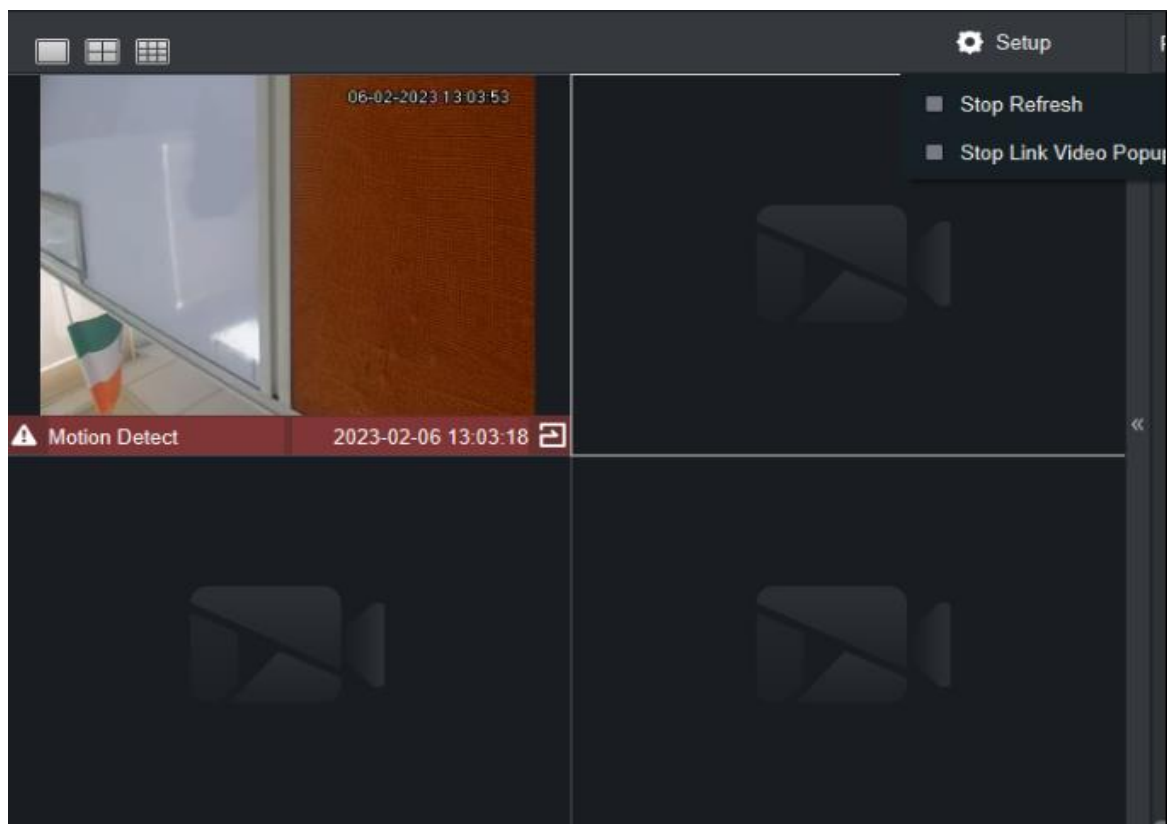


Table 8-2 Setup












Parameter	Description
Stop Refresh	Stop refreshing real-time alarm events
Stop Link Video Popup	Stop popping up event linkage video.

## Related Operations

Live view video operations.

Point to the screen, and then the shortcut icons will be displayed on the upper-right corner of the window.

Table 8-3 Description of live view operation parameters

Icon	Parameter	Description
	Local Record	Click the icon to record videos in the current screen window. Click the icon again to stop recording and save the video to the computer. The default save path is ".../Data/User/Record". You can change the storage path through  > <b>System Config</b> > <b>Local Path</b> > <b>Record Path</b> .
	Visitor Picture	Save the snapshot in the current video screen as an image on the computer (once at a time). The default save path is ".../Data/User/Picture/Capture". You can change the save path through  > <b>System Config</b> > <b>Local Path</b> > <b>Pic Path</b> .
	Audio	Click the icon to open or close the audio of the camera.
	Audio Talk	Click the icon to open or close the audio talk of the corresponding camera.
	Instant Replay	Click the icon to open or close instant replay function. You can configure the replay time through  > <b>System Config</b> > <b>Basic Setting</b> on the upper-right corner of the page.  You need to have videos on the device before you enable instant replay function.
	Zoom In	Click the icon, and then scroll the mouse wheel to zoom in or out the screen.
	Close Video	Click the icon to close the video.

**Thanks for Choosing CP Plus!**



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