



Installation and Operating Guide

Milesight Plugin for Milestone

Plugin Version: V2.0.0.3

Document Version: V2.0

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Chapter 1. Introduction

Using Milesight's advanced plugin, Milestone's video management software integrates seamlessly with Milesight cameras to enhance operational efficiency. The plugin acquires the AI metadata stream from Milesight cameras, supporting sophisticated Smart Video Content Analysis (VCA), Face Detection, and Automatic Number Plate Recognition (ANPR), etc., each metadata entity is transmitted as an individual object to the Milestone. These objects can be viewed, searched, and alarms can be configured upon their detection, enabling centralized management through the Milestone, and achieving smarter and faster monitoring.

This User Guide provides an overview of the integration between Milesight's plugin and Milestone for capturing and analyzing. For a more thorough understanding of how the Milestone handles AI metadata, we encourage you to consult the <https://www.milestonesys.com/>.

If you have any questions, please do not hesitate to contact our Milesight Support Team at support@milesight.com.

1.1 System Requirement

[Supported Milestone version]

We recommend to use the latest versions of Management Client and Smart Client. The latest version of Milesight Plugin is tested and compatible with the version 2025 R2.

[Supported Operating Systems]

Windows: 64-bit

[Supported Milesight Camera Version]

Table 1.

Camera Series	Firmware Version
Mini Series (PD)	51.7.0.78 or above
180° Panoramic Dome/Bullet Camera (PE)	61.8.0.5-r3 or above
AI Multi-directional Camera (PE)	62.8.0.4-r6 or above
Q Series (PG1)	CQ_63.8.0.5-r3 or above

Camera Series	Firmware Version
Pro Series (PG1)	63.8.0.6
Intelligent Traffic Series (PE)	T_61.8.0.4-r5 or above
4G Solar-Powered Series (SP111)	52.8.0.4-r6 or above

Chapter 2. Installation

If you are using the old plug-in, we recommend removing it.

If you need, you can contact our Support Team to get the installation package of the Milesight Plugin or download the version from this link.

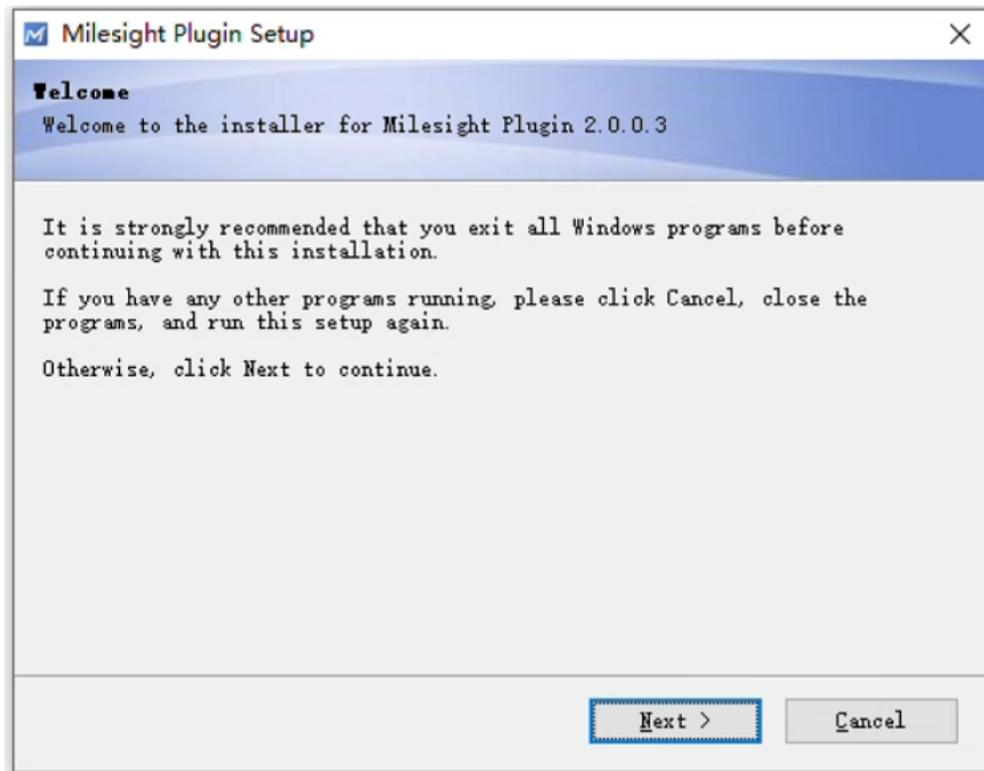
<https://www.milesight.com/support/resources/firmware>

2.1 Windows Installation

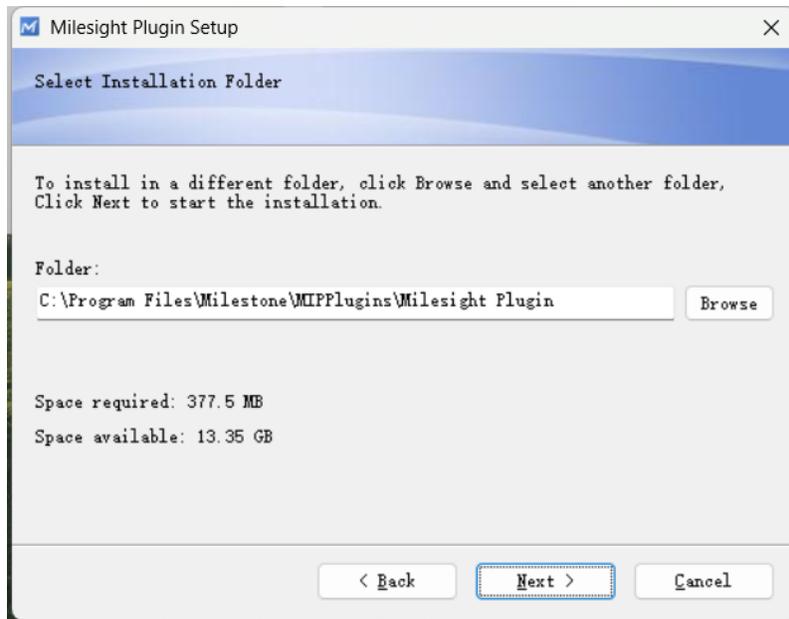
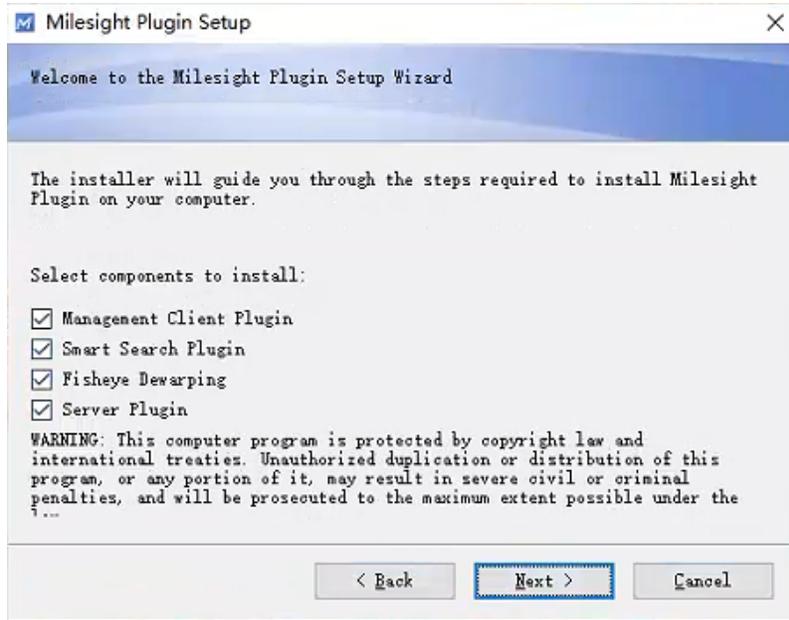
Step 1: Click Milesight Plugin for Milestone 2.0.0.3.



Step 2: Click "Next" and select components to install.

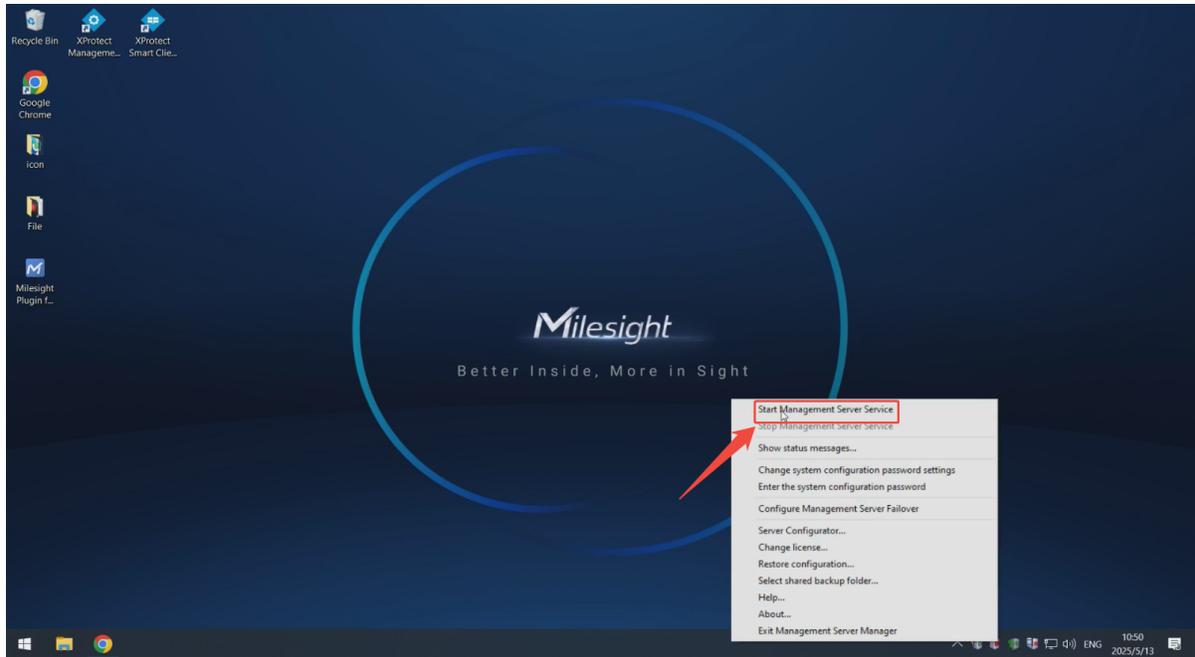


The plugin installation is divided into Management Client, Smart Search, Fisheye Dewarping and Server, which can be selected separately. We recommend selecting all components to ensure full functionality.



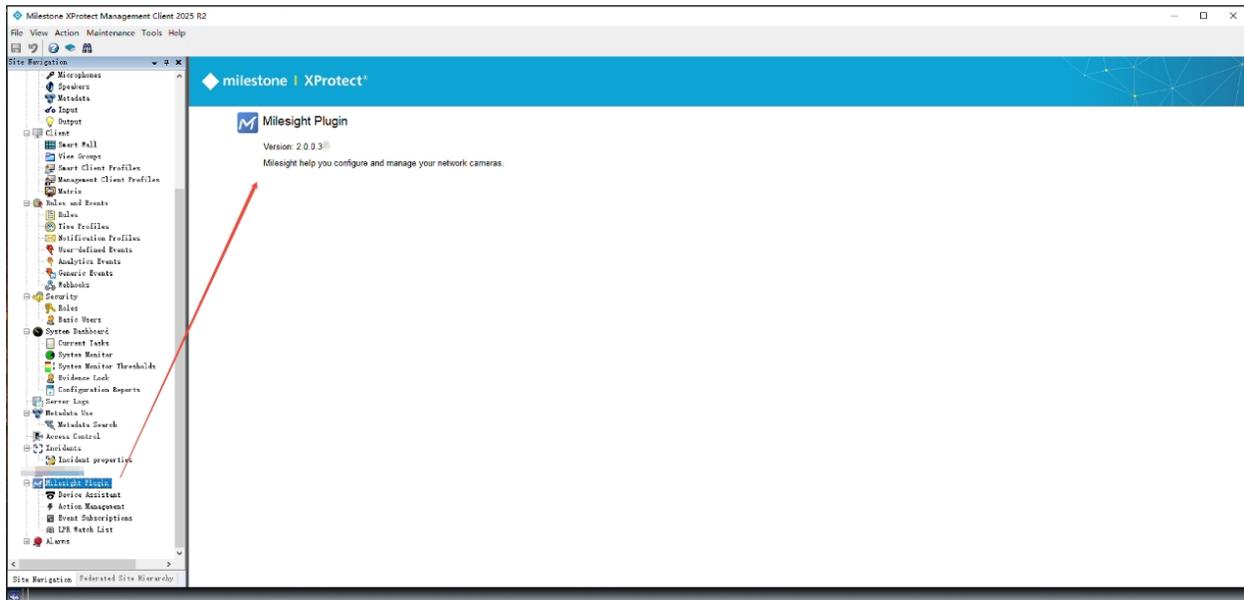
Step 3: Start Milestone Management Server service.

After the installation, you must start the Management Server Service before using the **XProtect Management Client**.



Step 4: Login Management Client to check if correctly installed.

If the screen shown below appears, it indicates that the installation was successful.

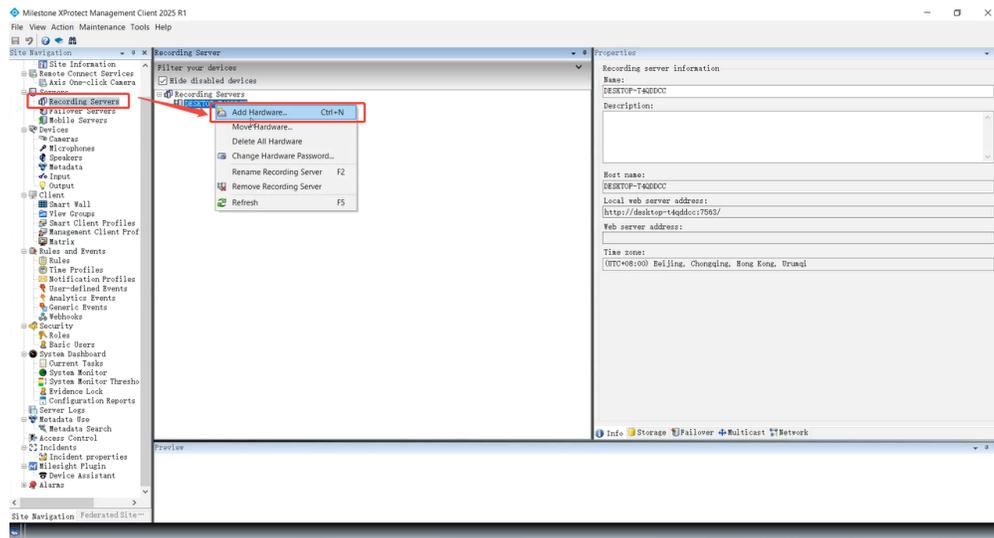


Chapter 3. Event Configuration

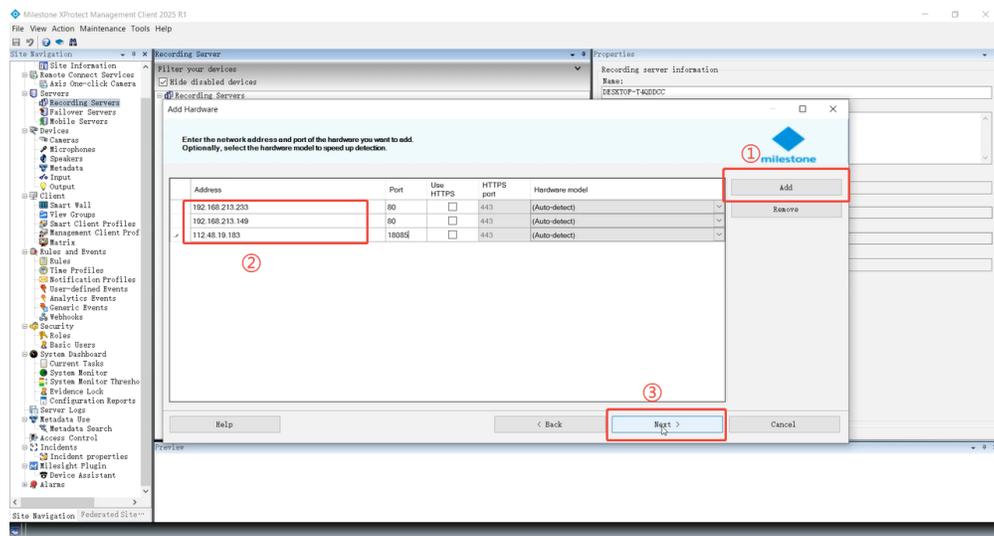
3.1 Add Devices

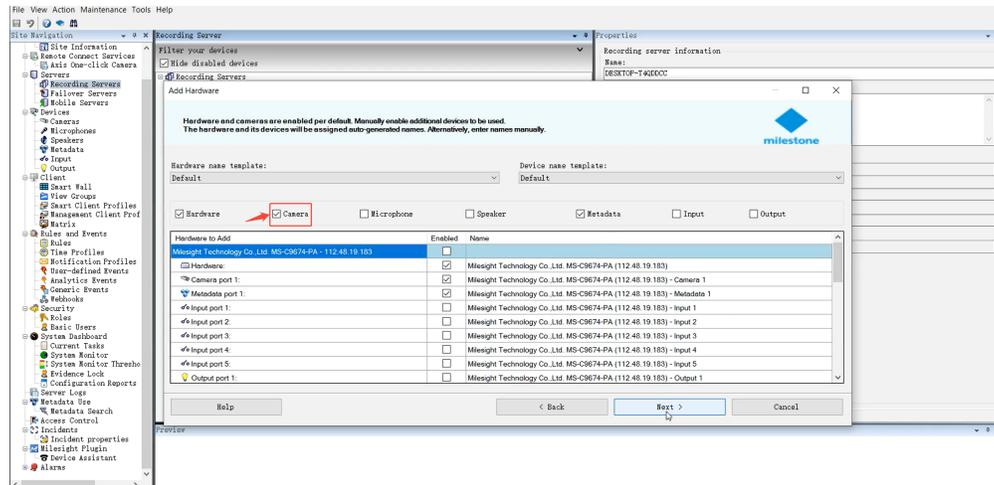
After completing the installation, you need to add the Mileight device on the server using the IP address and host name.

Step 1: Right-click, select "Add Hardware", and then choose the "Manual" method.



Step 2: Enter the IP address of the Mileight Camera to add the device.





Note:

If you need the camera’s Metadata information, please select the “Metadata” option. For instructions on configuring Metadata, please refer to [Chapter 4 \(page 18\)](#).

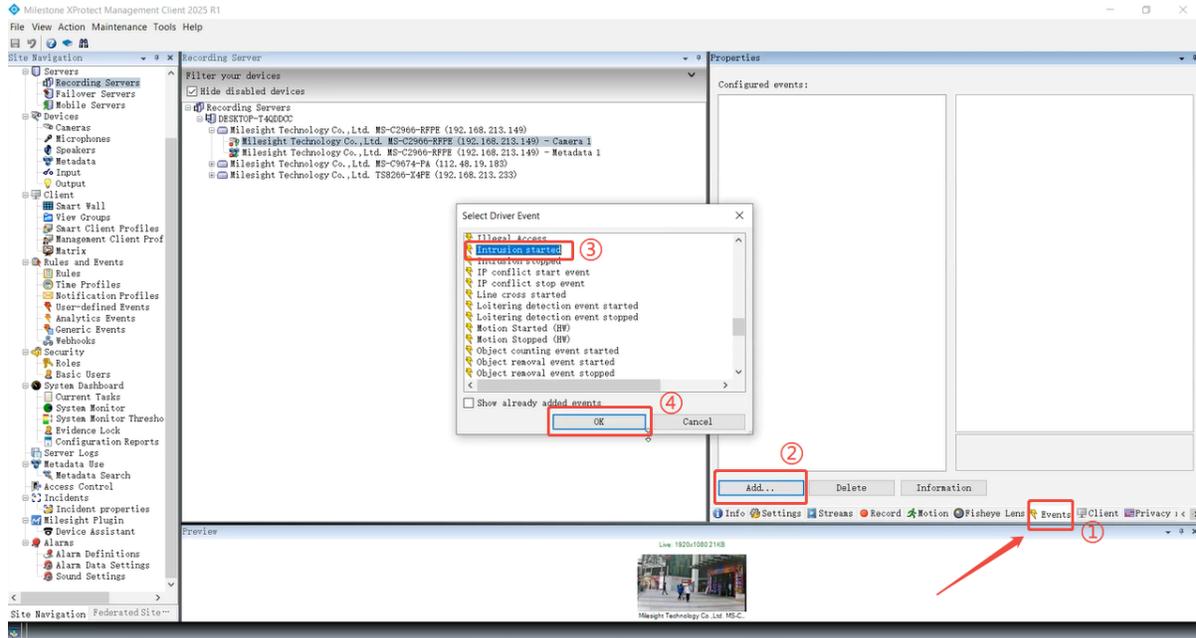
3.2 Configure Events

After adding devices, you can configure the events you want to monitor and set up alarms for them.

Step 1: Subscribe to Onvif Events.

Method 1: Individual Event Configuration

Follow the illustrated steps to complete the configuration.

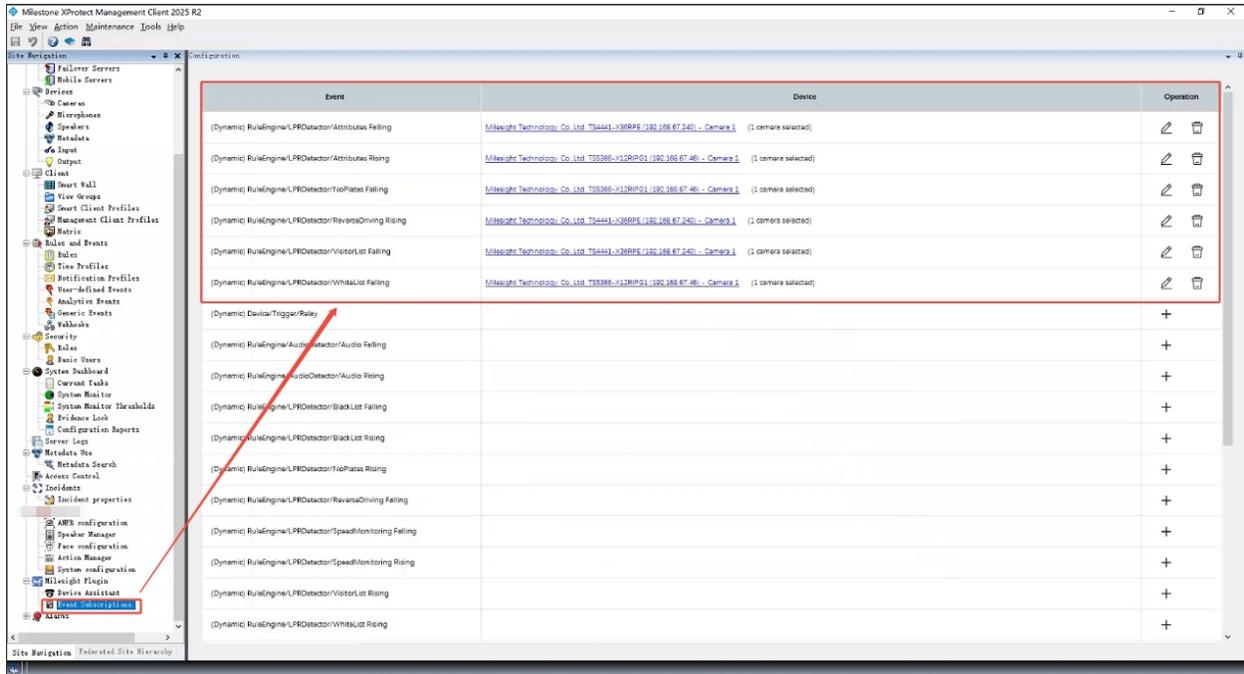


Method 2: Batch Event Configuration

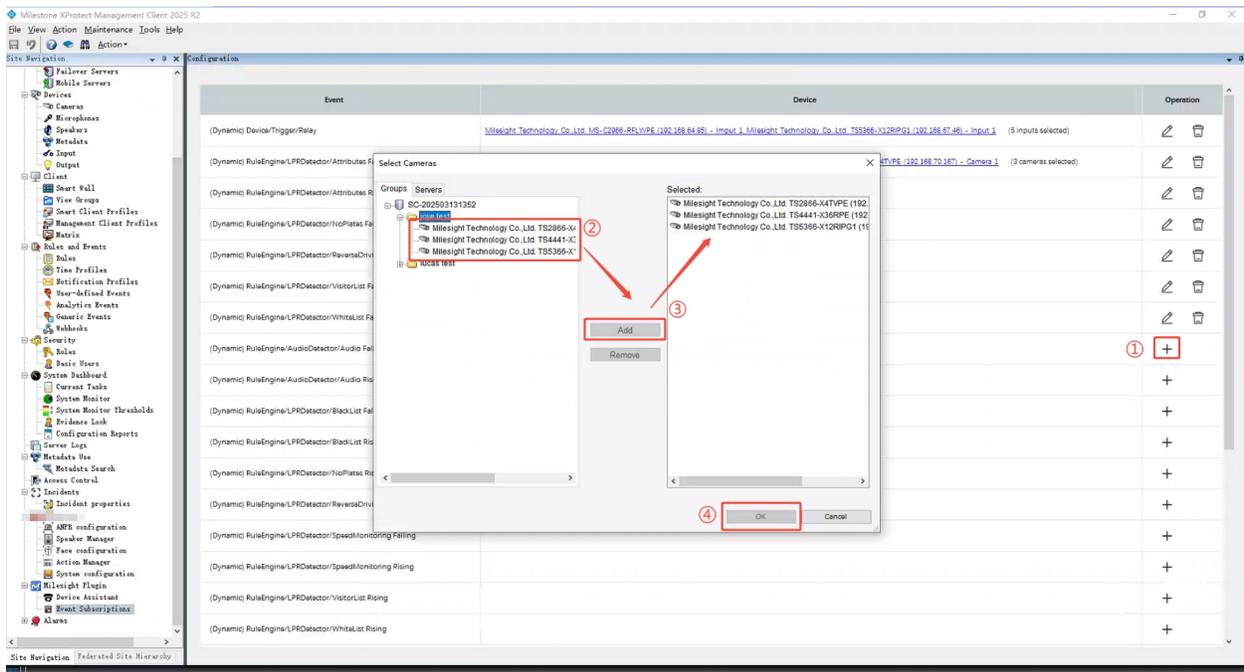
When multiple cameras are added, users can also utilize the plugin to batch subscribe to events, rather than subscribing to events for each device separately. This will greatly enhance the efficiency of event configuration. The steps are as follows:

a. Click "Milesight Plugin", then click "Event Subscriptions".

On this interface, you can view all the events supported by Milesight devices in the current system. Events that have already been subscribed to will be displayed at the top of the table.



b. Click the "+" button in the operation column to batch select devices for event configuration.



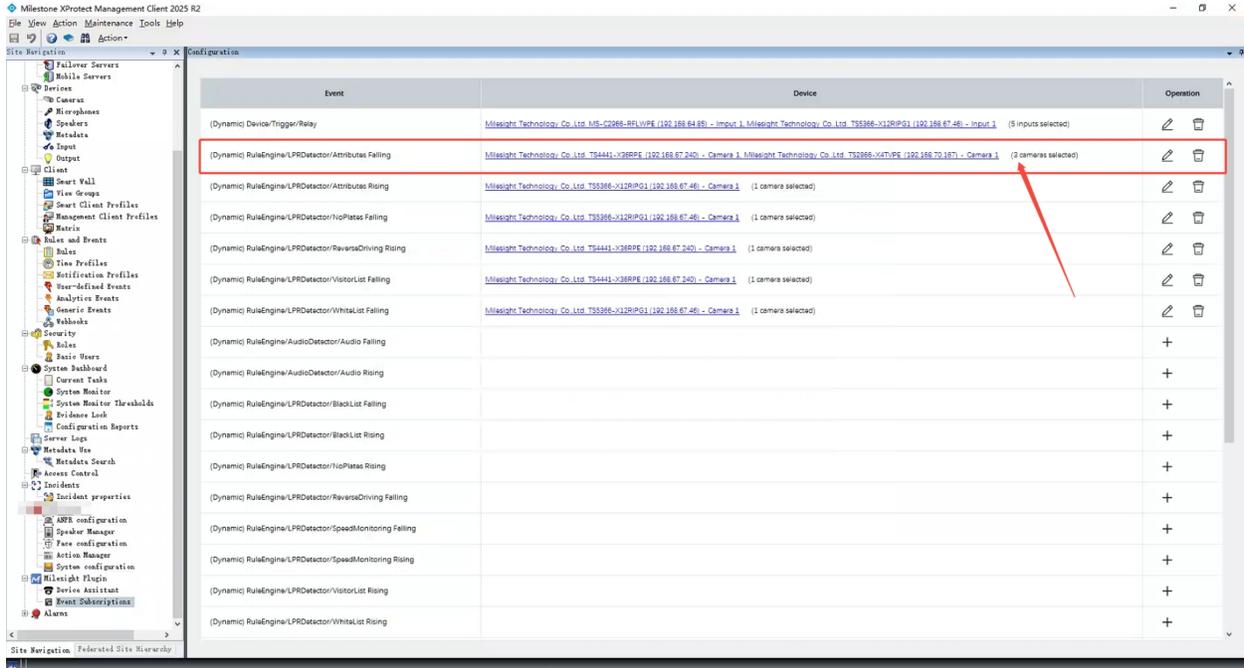
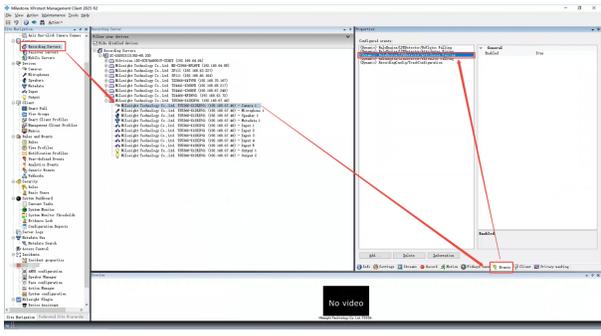


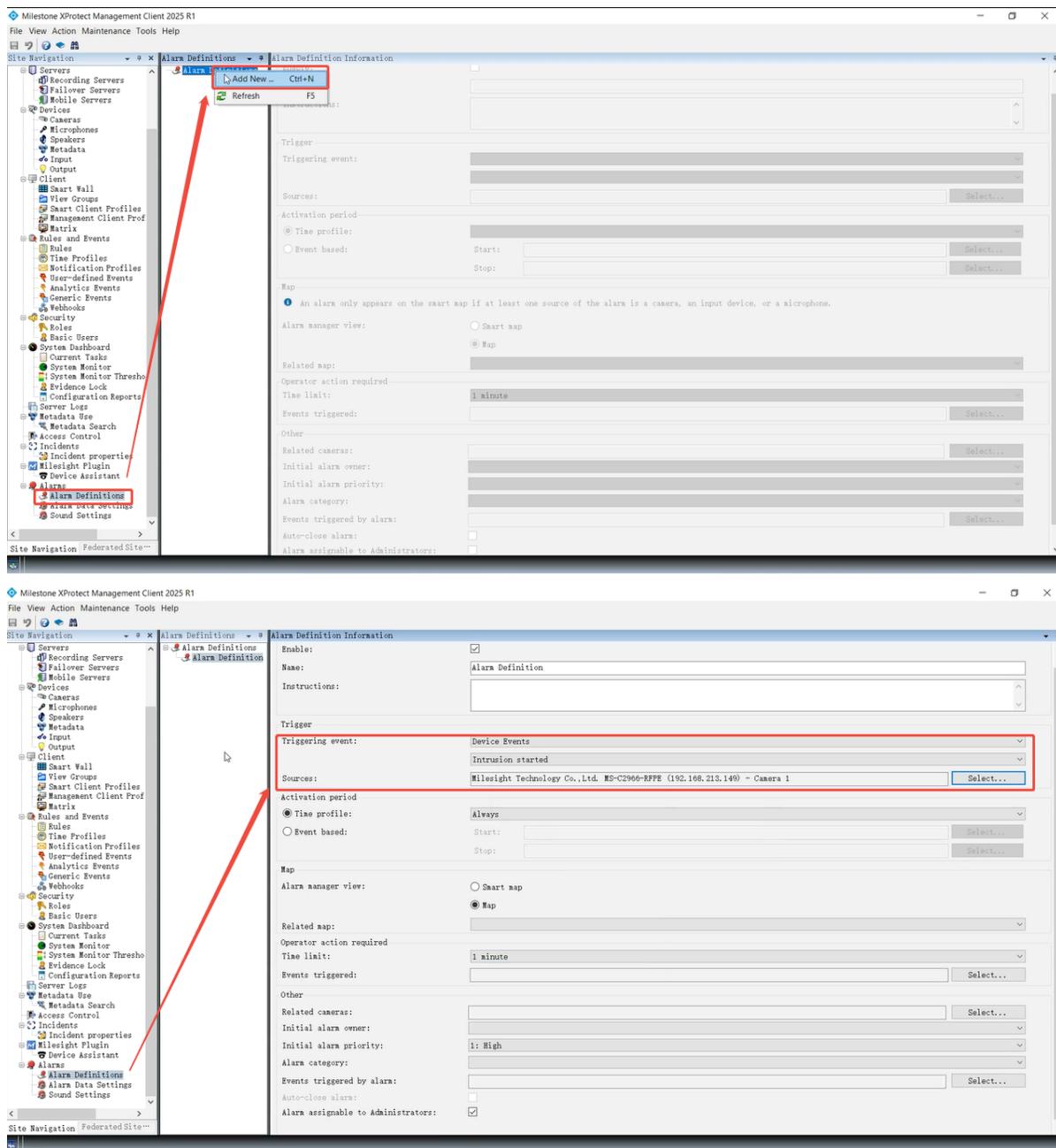
Table 2.

Operation	Description
+	<p>Click to select the devices and add them to the corresponding event. Once the subscription are completed successfully, the configuration records will be available in the "Events" section.</p> 
✎	<p>Click to edit device subscription. You can add or remove devices as you need.</p>
🗑️	<p>Click to remove all device subscription.</p>

Note: When a device is deleted, all associated subscriptions will be cleared. If the device is re-added, you will need to set up the subscriptions again.

Step 2: Configure Alarms.

Right-click on "Alarm Definitions" to add new alarms. Then select the corresponding events and devices, and save the settings.



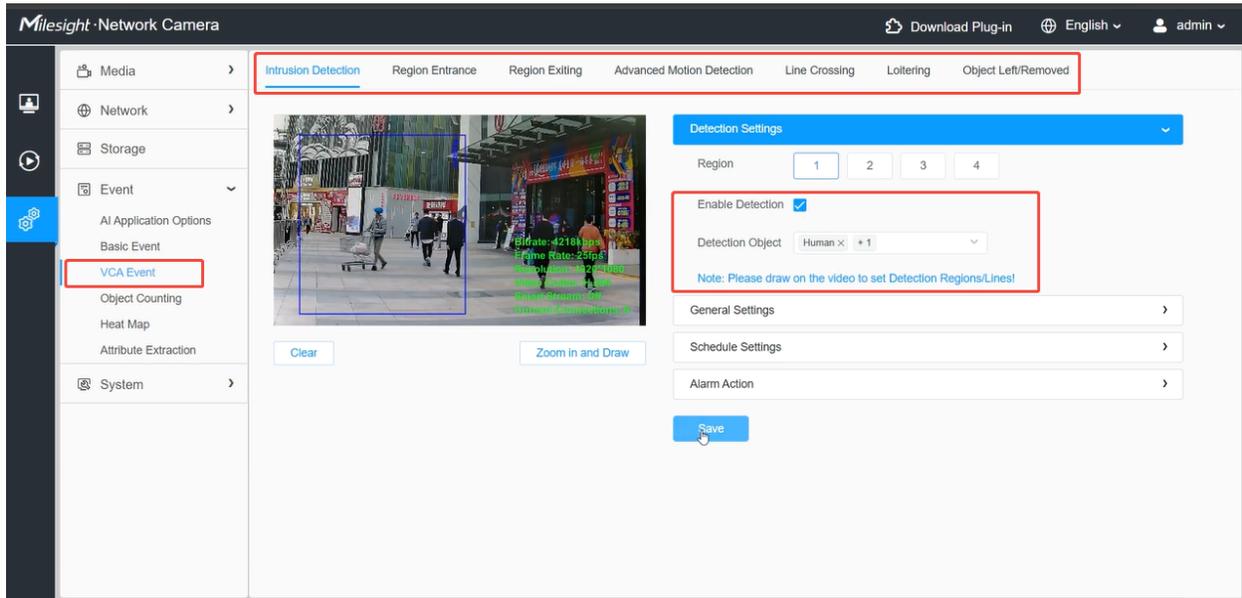
3.3 Camera Event Configuration

After completing the event subscription and configuration, you need to enable the camera's Event Detection to ensure that XProtect receives event alarms.

Milesight Video Surveillance

The following uses **Intrusion Detection** as an example, other events follow the same steps.

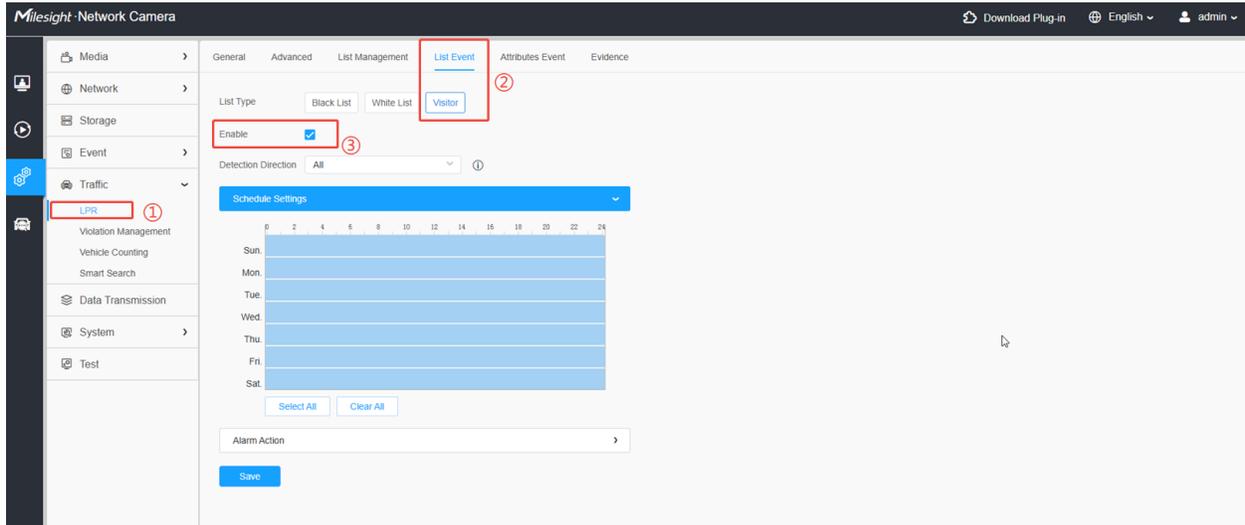
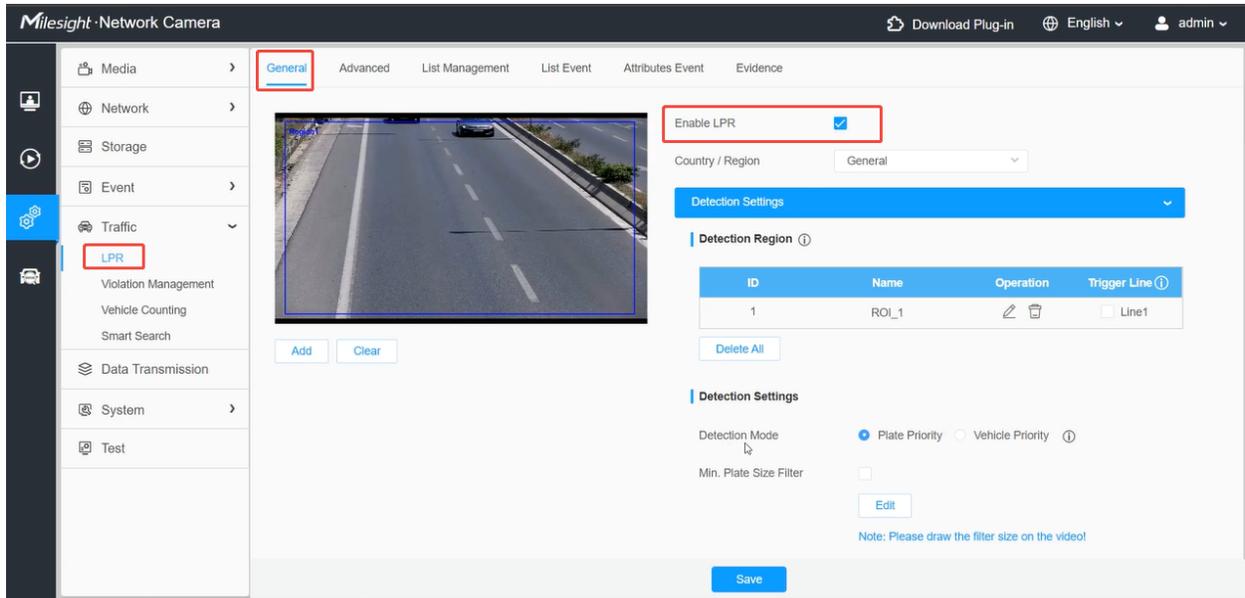
Access the camera's webpage, complete the necessary configurations, and click "Save" to apply the settings. Meanwhile, these configurations will take effect on Milestone XProtect.



Intelligent Traffic Series

The following uses **Visitor List Rising** as an example, other events follow the same steps.

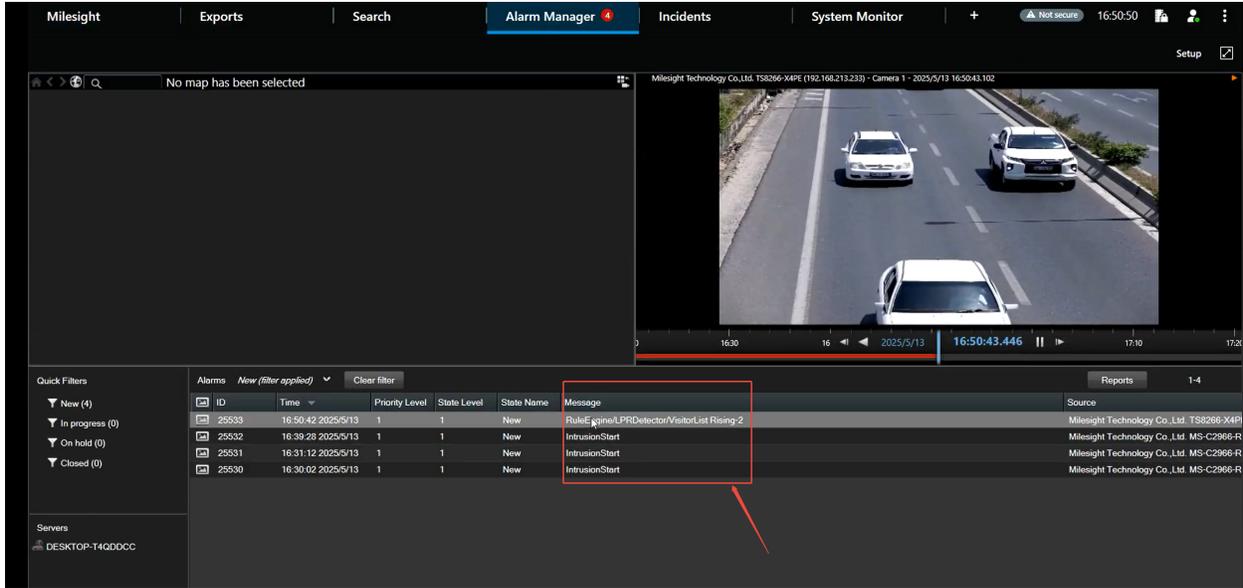
Access the camera's webpage, complete necessary configurations, and click "Save" to apply the settings.



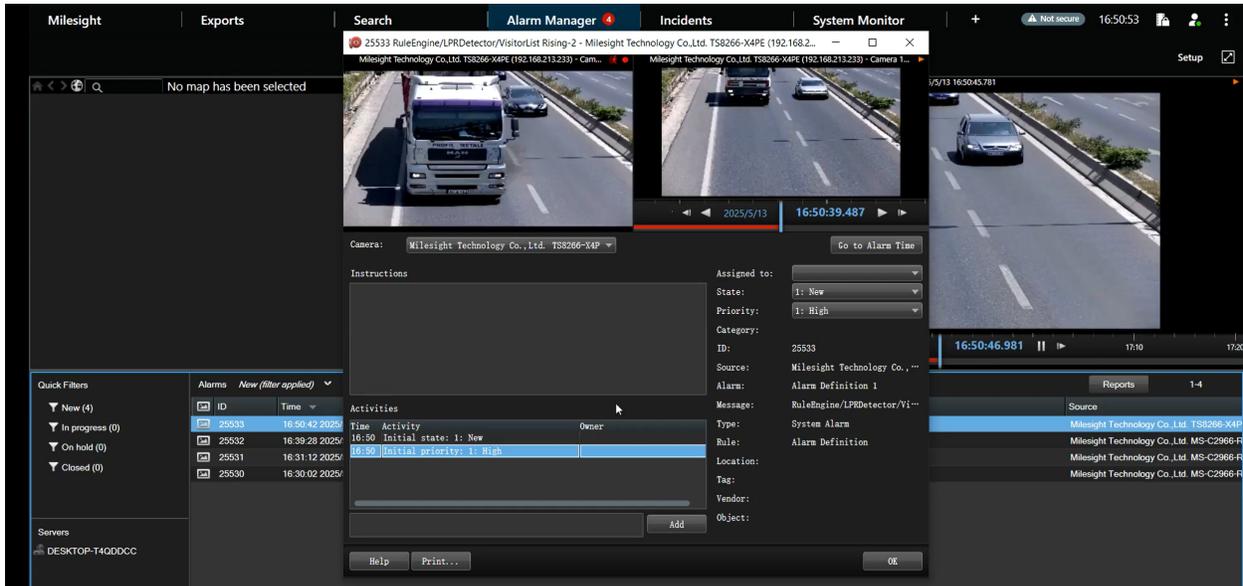
After completing the above settings, when an event is triggered, the event information will be pushed in real-time.

3.4 Viewing Events

Then you can login Smart Client to view alarm messages.



Double-click the event you want to view, and a detailed information page will pop up. In the popup, you can view the corresponding images and recordings.



Chapter 4. Object Search

4.1 Configure Metadata Recording

After adding devices, to ensure that detected objects are recorded and displayed correctly, you must verify that the camera video stream is being record.

Step 1: When adding a device, please check the "Metadata" is selected to allow access to the device's Metadata. Enable Metadata Recording to store the data for retrieval.

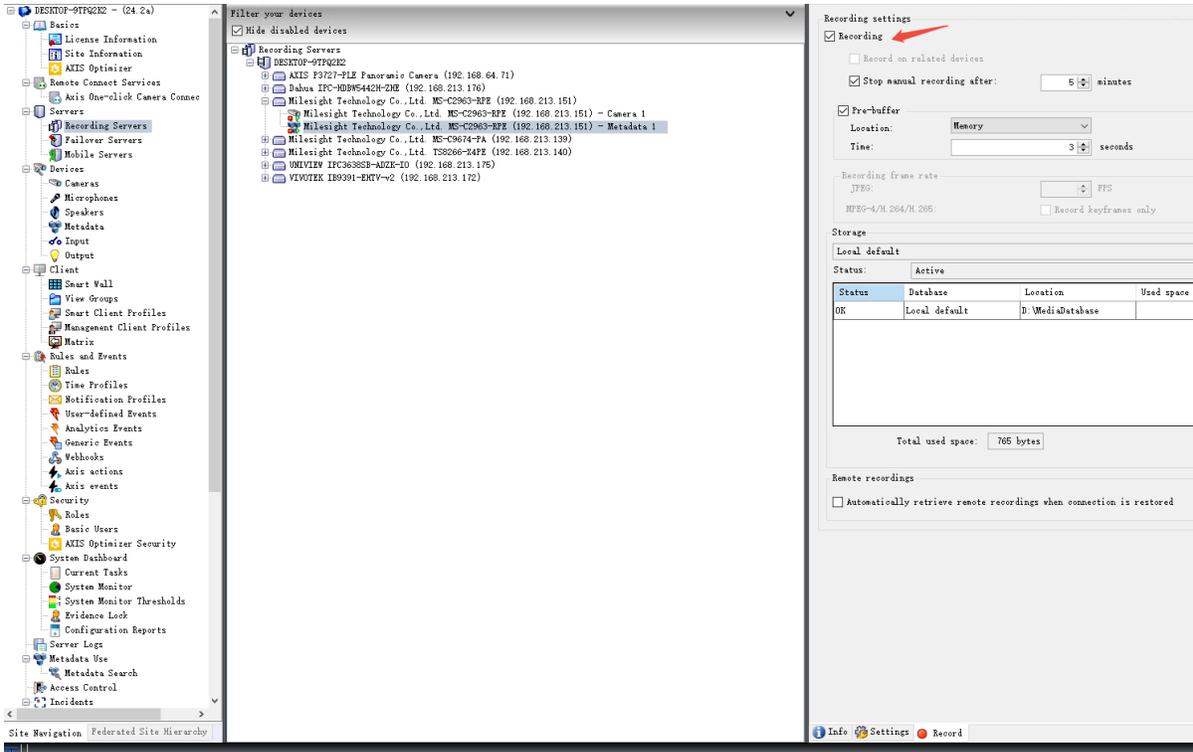
Hardware and cameras are enabled per default. Manually enable additional devices to be used. The hardware and its devices will be assigned auto-generated names. Alternatively, enter names manually.

Hardware name template: Default Device name template: Default

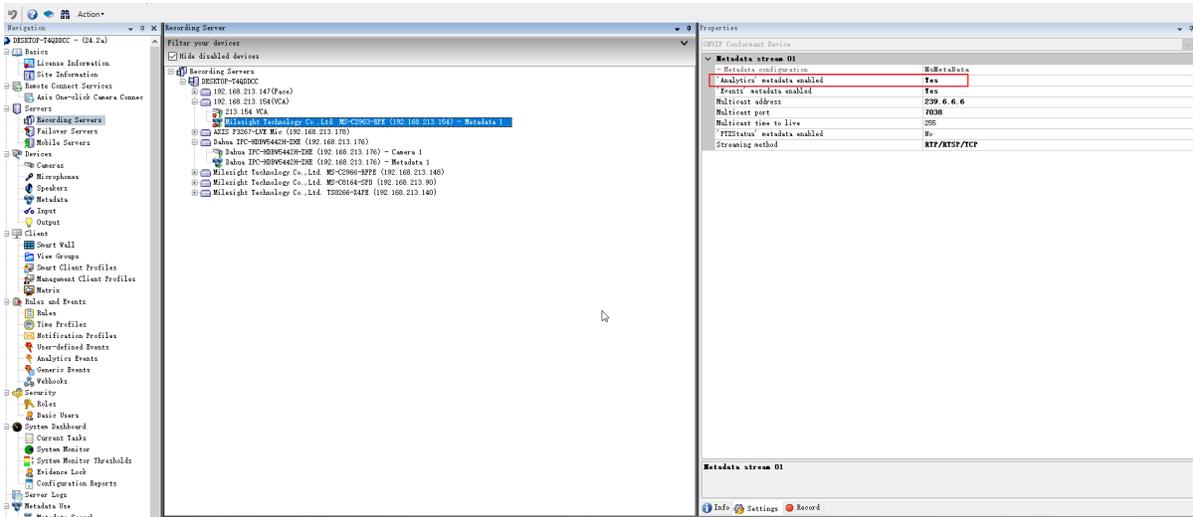
Hardware Camera Microphone Speaker Metadata Input Output

Hardware to Add	Enabled	Name
Mileight Technology Co.,Ltd. MS-C2963-RPE - 192.168.213.151	<input type="checkbox"/>	
Hardware:	<input checked="" type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151)
Camera port 1:	<input checked="" type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151) - Camera 1
Speaker port 1:	<input type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151) - Speaker 1
Metadata port 1:	<input checked="" type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151) - Metadata 1
Input port 1:	<input type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151) - Input 1
Input port 2:	<input type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151) - Input 2
Input port 3:	<input type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151) - Input 3
Input port 4:	<input type="checkbox"/>	Mileight Technology Co.,Ltd. MS-C2963-RPE (192.168.213.151) - Input 4

Buttons: Help, < Back, Next >, Cancel



Step 2: Check again that Metadata is enabled and that Metadata Recording is configured.

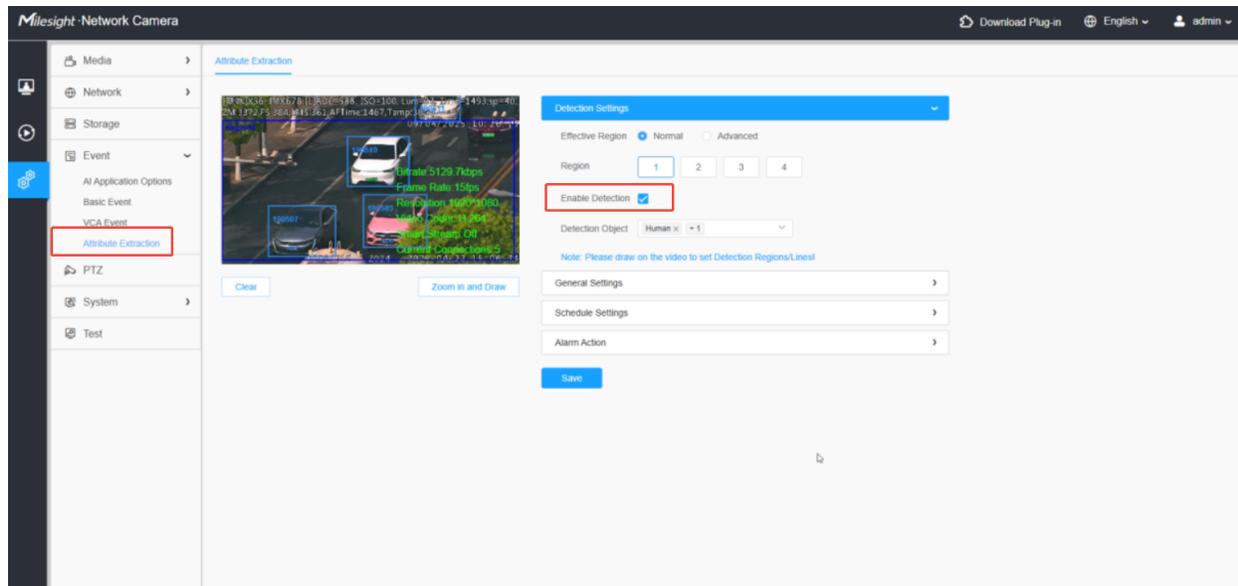


4.2 Configure Object Attribute Recognition

After completing the Metadata configuration, you need to enable the Attribute Extraction on the device side to obtain the camera's attribute recognition results. The detailed steps are as follows:

Milesight Video Surveillance

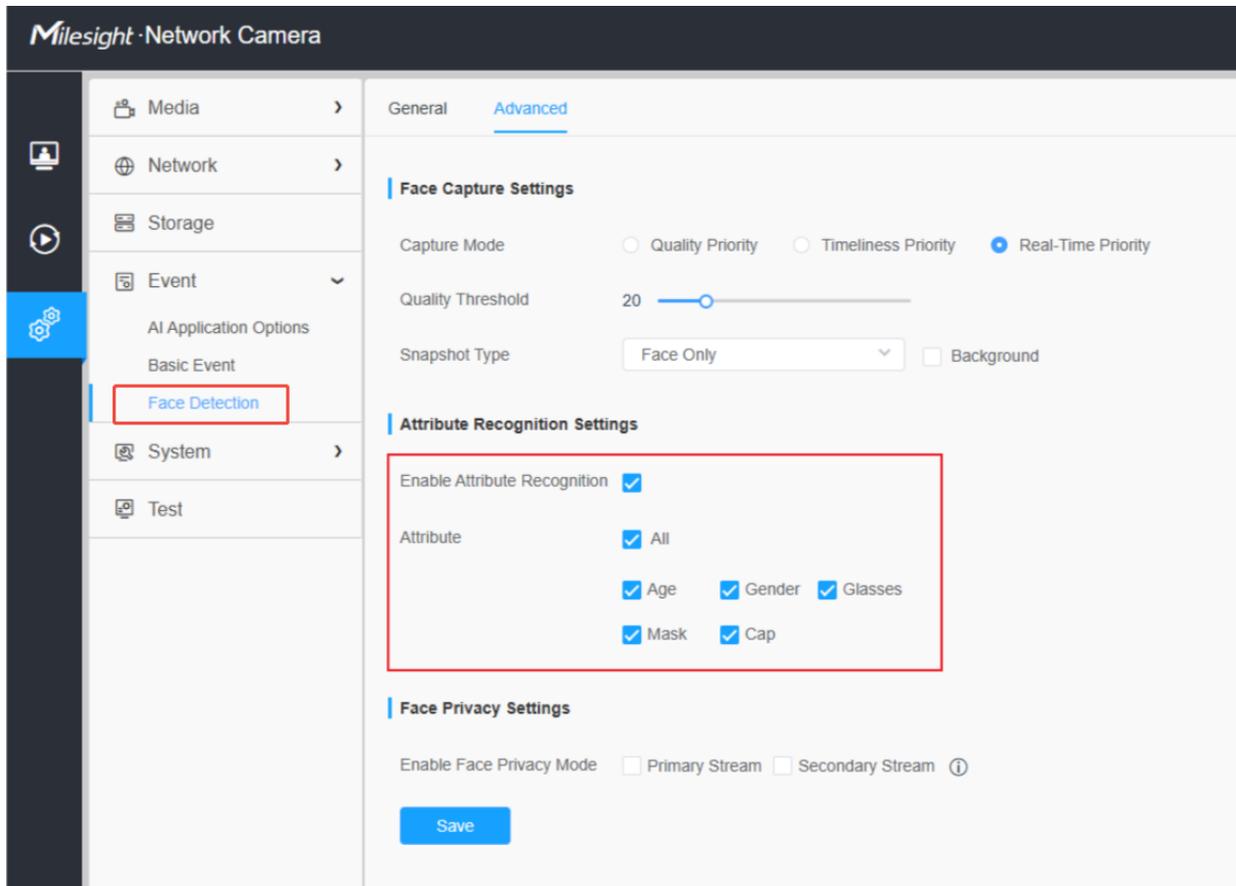
Step 1: Visit the web page of the camera and enable Attribute Extraction.



Note:

Milesight Video Surveillance Series with **Attribute Extraction** enabled can recognize Human objects (attributes include Hat, Upper Clothing Color, Lower Clothing Color) and Vehicle objects (attribute includes Vehicle Type and Vehicle Color).

Step 2: Enable Face Detection.

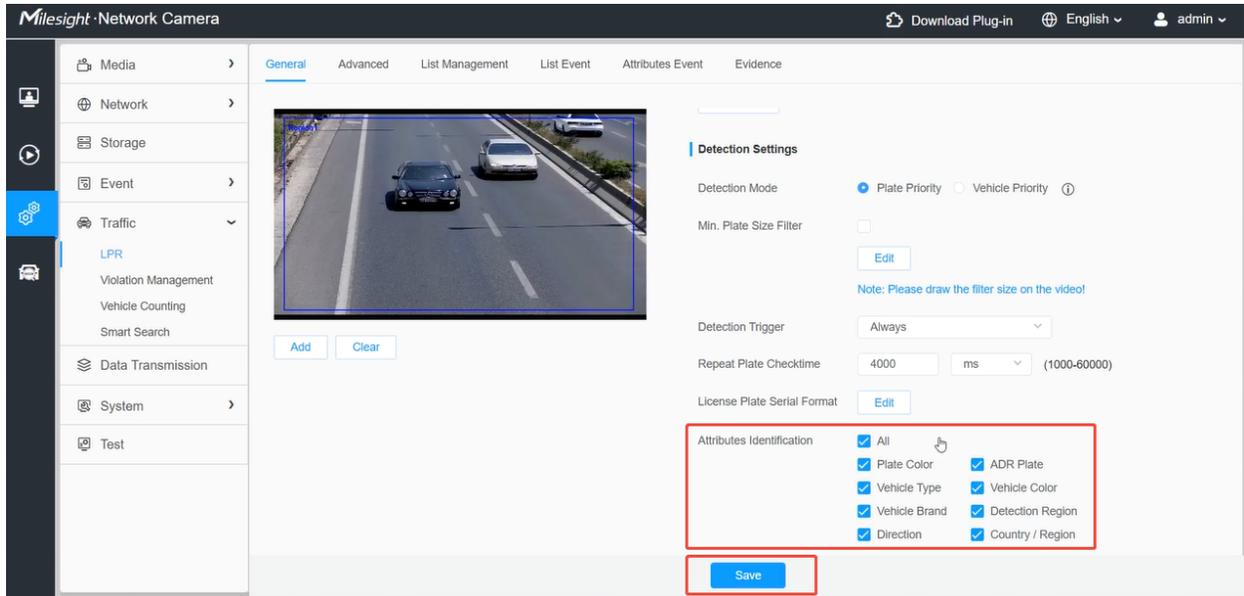


 **Note:**

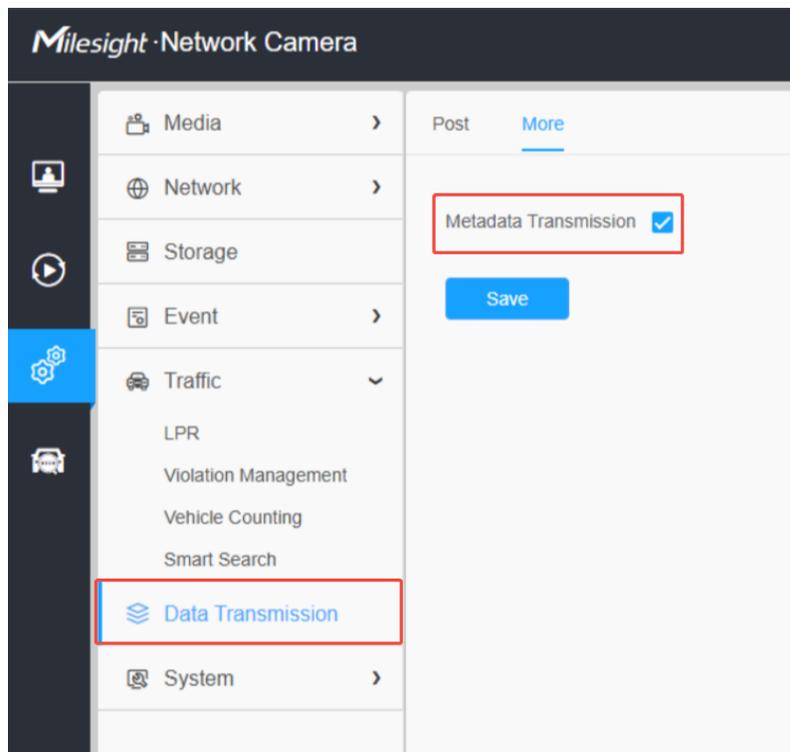
Milesight Video Surveillance Series with **Face Detection** enabled and Attribute selected support Face-related attributes for Human objects (including Age, Gender, Glasses, Mask, Cap).

[Intelligent Traffic Series](#)

Step 1: Visit the web page of the camera and enable Attribute Extraction.



PS. Please ensure that the Data Transmission is enabled.



After completing the above settings, if object attributes are detected, the object's attribute information will be pushed in real-time.

4.3 Set the System Time

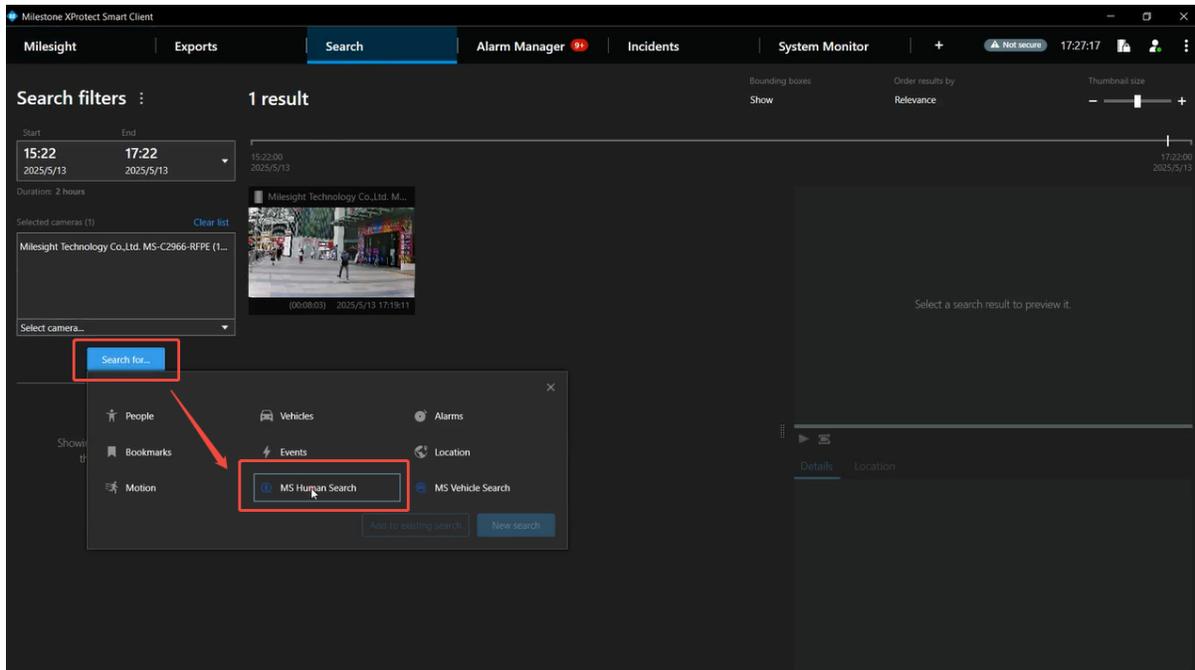
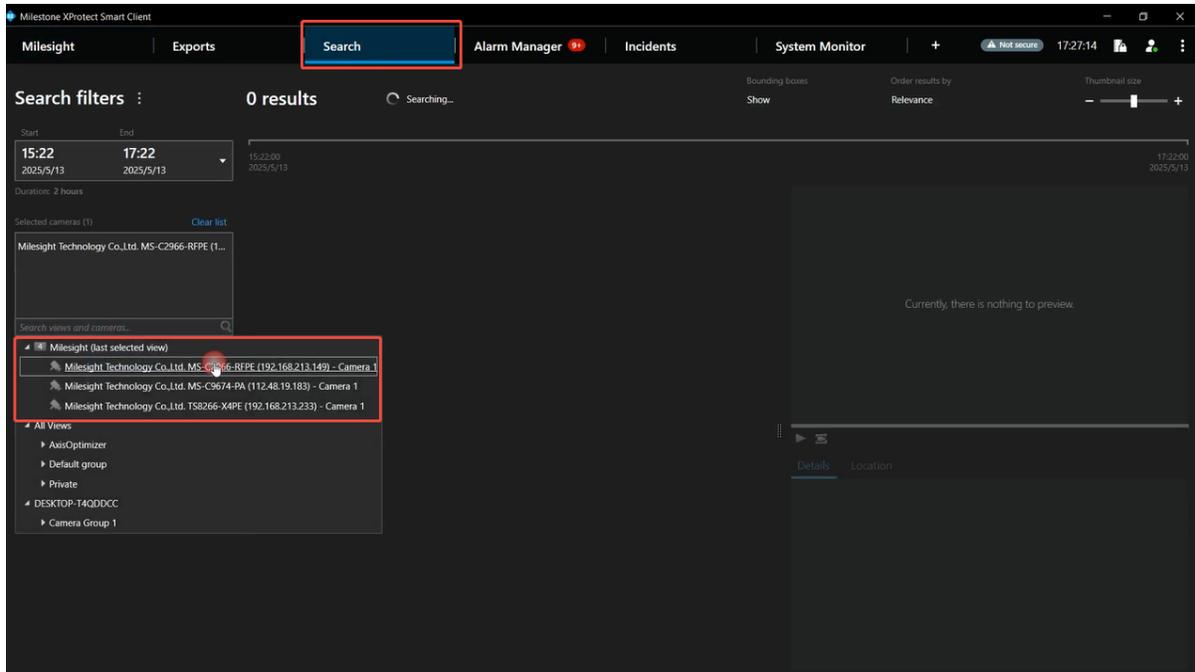
Before viewing the detection results, please ensure that the camera's system time is the same as the Milestone XProtect Recording Server. (You can set both the Camera and the Recording Server to synchronize their time via an NTP Server, or configure the Camera's time to synchronize with the computer time on the host where the Recording Server is located.)

The screenshot displays the 'Date&Time' configuration page. It features two main sections: 'Current System Time' and 'Set the System Time'. The 'Current System Time' section shows the date as 22/04/2025 and the time as 14:22:41. The 'Set the System Time' section includes a 'Time Zone' dropdown menu set to '(UTC+08:00) China(Beijing, Ho', a 'Daylight Saving Time' dropdown menu set to 'Automatic', and a 'Synchronize Mode' section with three radio buttons: 'NTP server', 'Manual', and 'Synchronize with computer time'. The 'Synchronize with computer time' option is selected. Below these settings, the 'Date' is shown as 22/04/2025 and the 'Time' as 14:19:36. A blue 'Save' button is located at the bottom left of the configuration area.

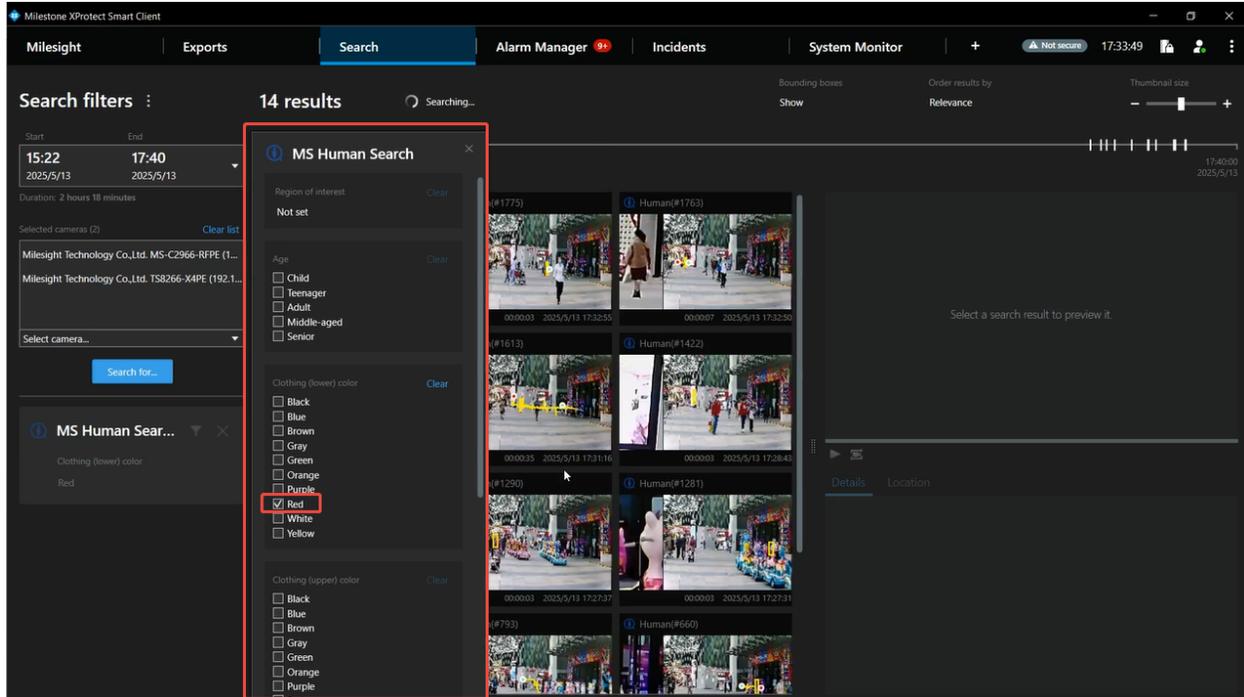
4.4 Viewing the Detection Results

Searching for Human Detection Results

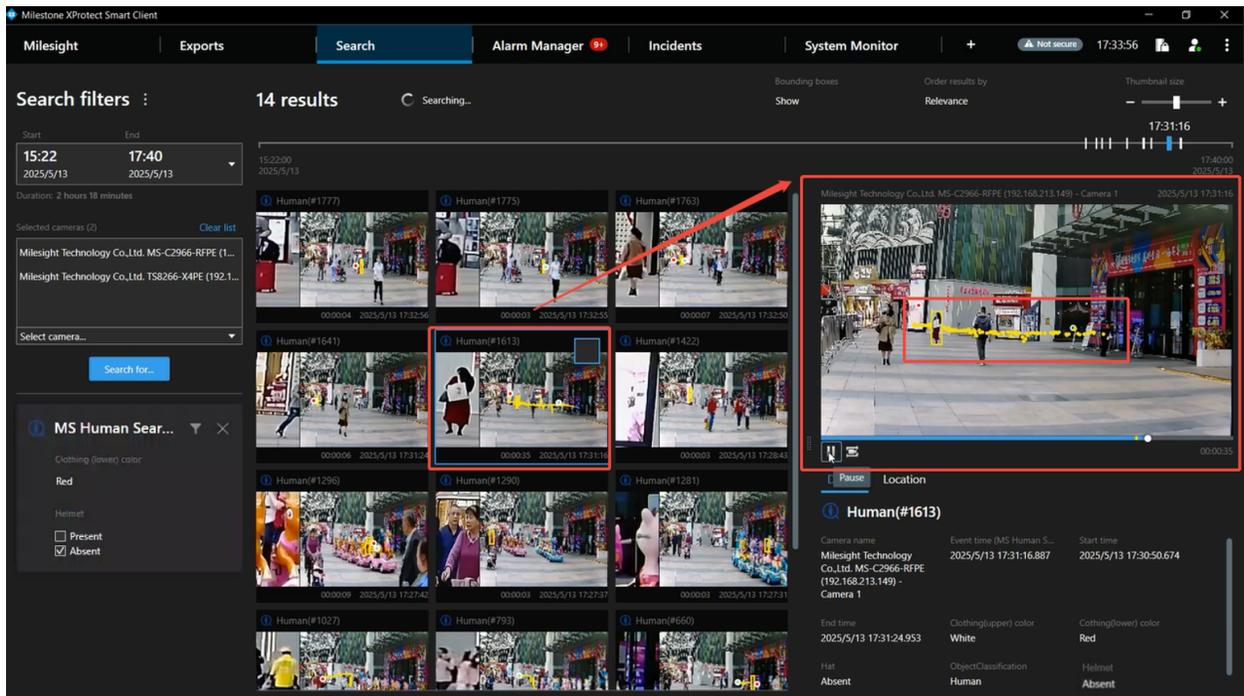
On the Search interface, select the corresponding camera first, then click "Search For" to choose "MS Human Search", and view the search results.



The Milesight plugin is chosen, and its Object Types are displayed like the following image. A set of attribute-specific filters is shown, allowing the user to specify the search criteria. For instance, the user can select "red" to filter out all detected human whose lower clothing color is red.



Users can also view the movement trajectory of the detected human.

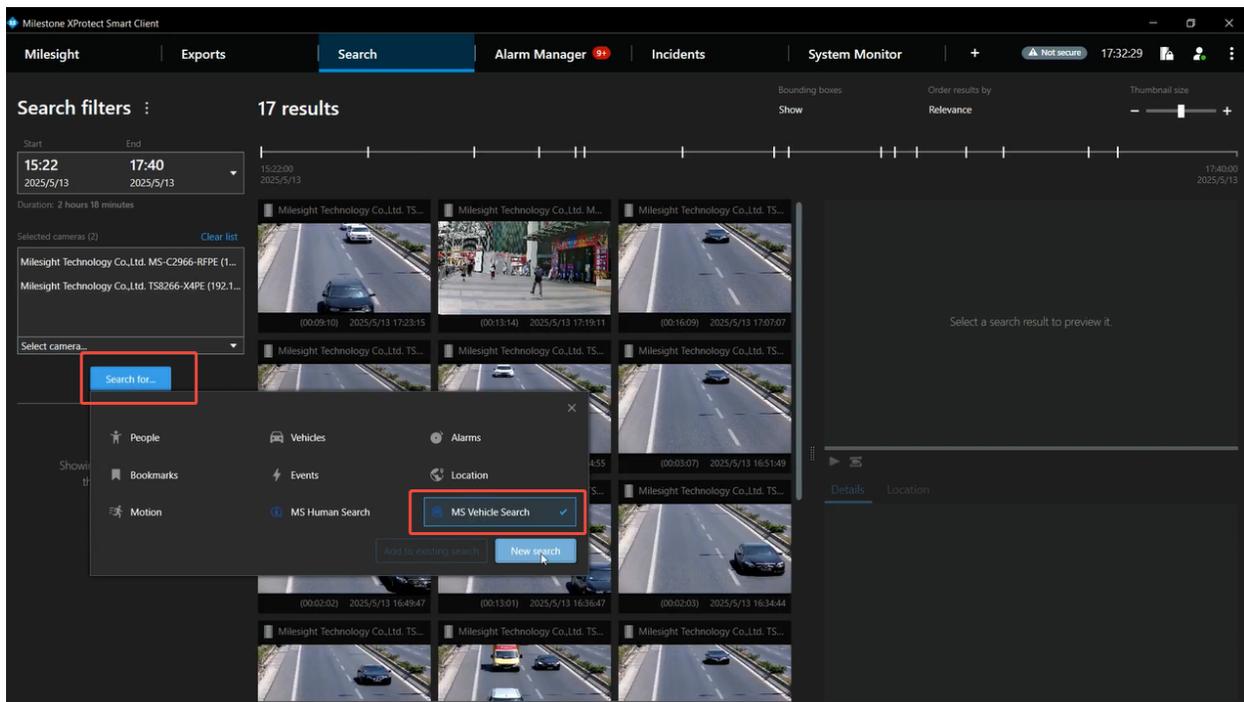


Note:

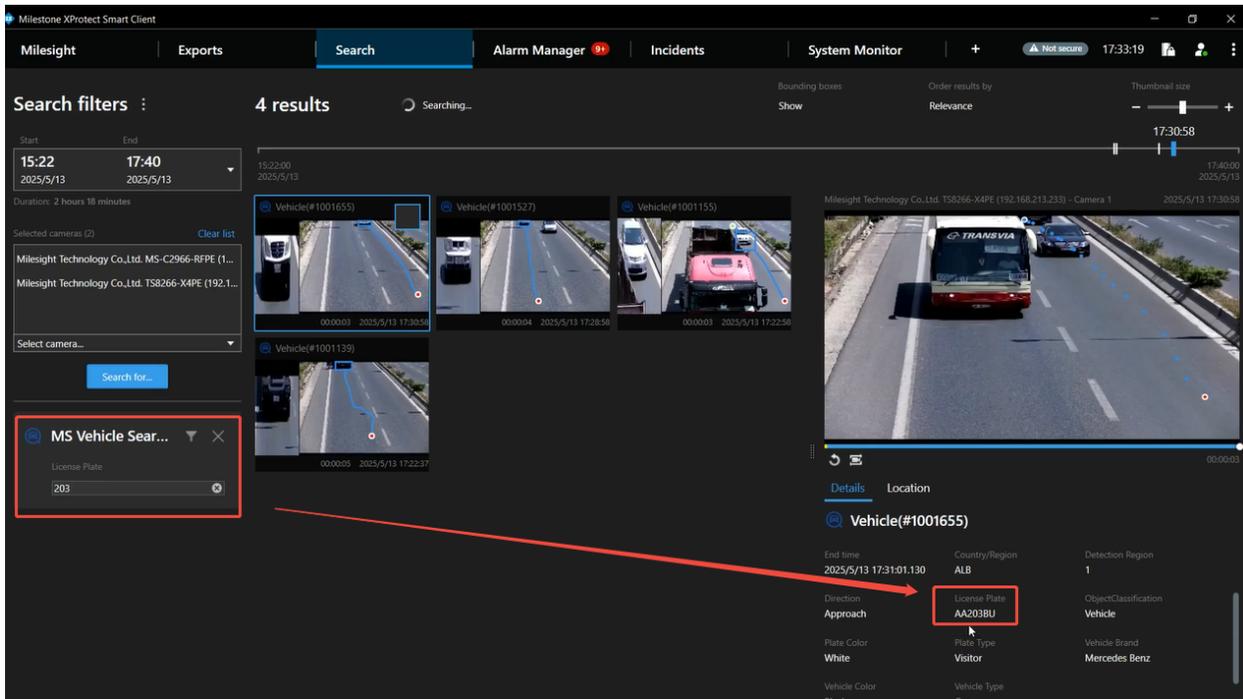
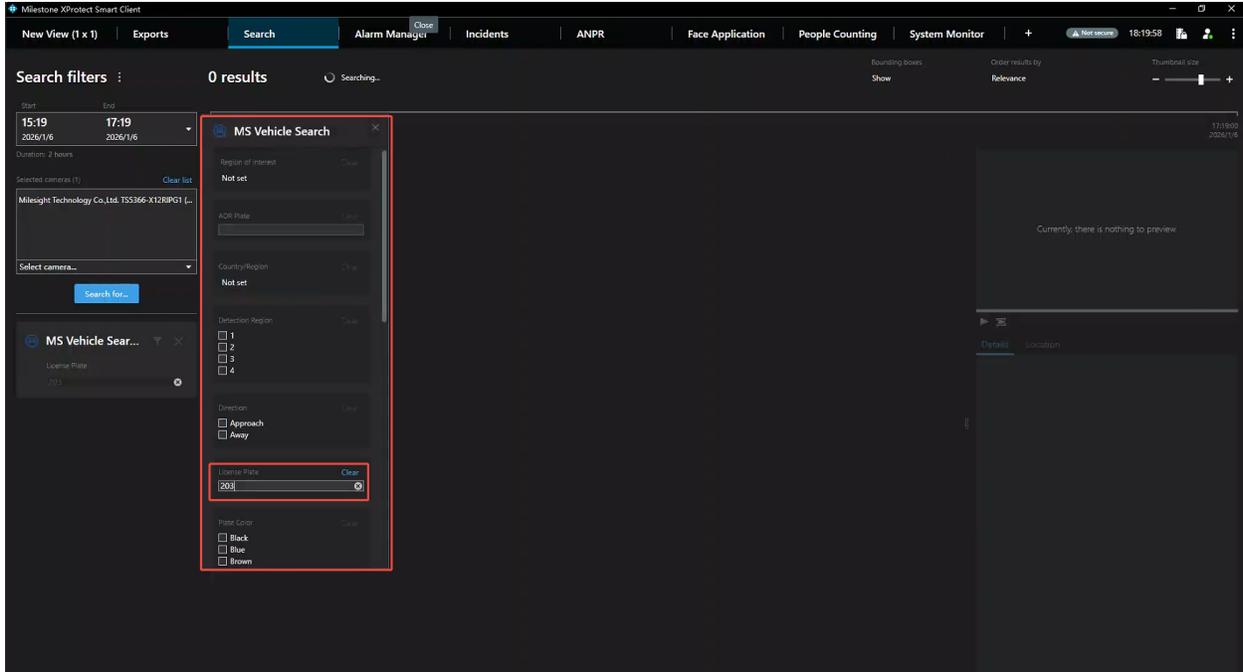
Milesight Video Surveillance Series are compatible with 61.8.0.4-r6 and above. Attribute recognition search requires version 8.0.5.

Searching for Vehicle Detection Results

On the Search interface, select the corresponding camera first, then click "Search For" to choose "MS Vehicle Search", and view the search results.



You can also find desired results by selecting specific attributes and view the movement trajectory of the detected vehicles.



Note: Milesight Intelligent Traffic Series are compatible with T_61.8.0.4-r2 and above.

4.5 Object and the Corresponding Attributes

Table 3. Metadata Objects and Attributes

Camera Series	Camera Name Rules	Objects	Attributes
<p>Milesight Video Surveillance Series</p>	<p>Model number starting with MS-C, without "L" in ending letters. E.g. MS-C5372-FPE</p>	<p>Person</p>	Hat
			Upper Clothing Color
			Lower Clothing Color
			Helmet
			Vest
		<p>Vehicle</p>	Type
			Color
		<p>Face</p>	Gender
			Age
			Mask
			Hat
			Glasses
		<p>Intelligent Traffic Series</p>	<p>Model number starting with TS. E.g. TS4441-X36RPE</p>
Type			
Brand			
Speed			
Direction			
<p>License Plate</p>	ADR Plate		
	Number		
	Color		
	Country/Region		

Camera Series	Camera Name Rules	Objects	Attributes
Intelligent Traffic Series	Model number starting with TS. E.g. TS4441-X36RPE	License Plate	Plate Type

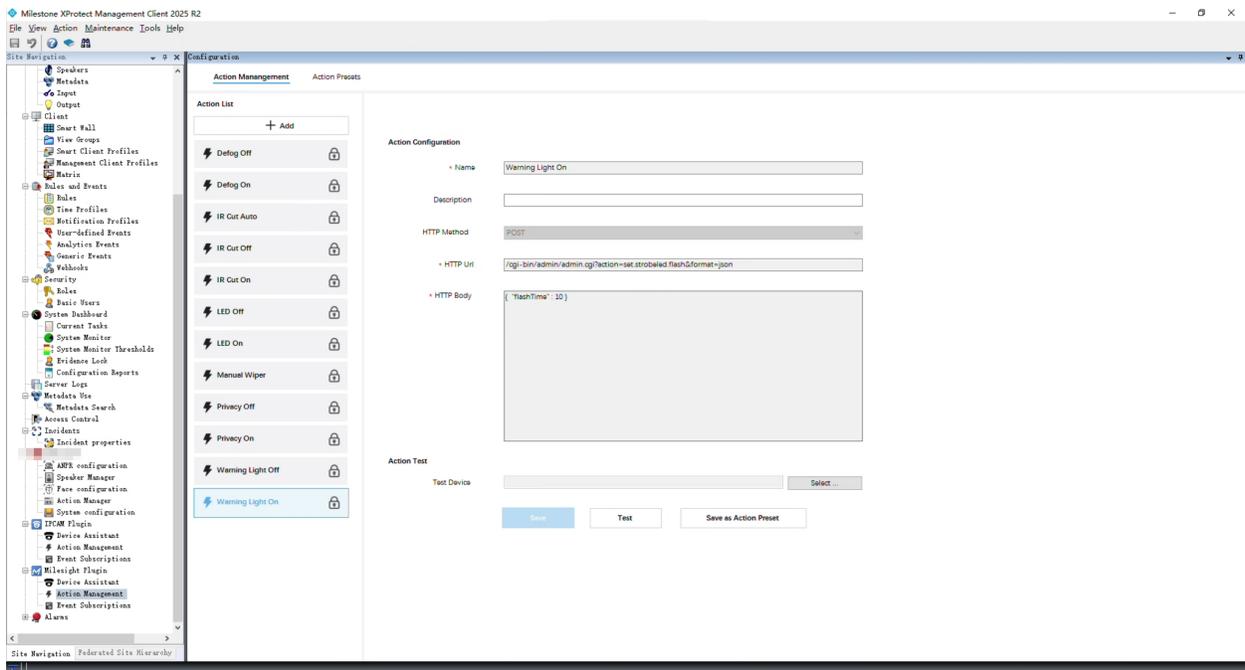
Chapter 5. Action Integration

Users can directly configure alarm-linked actions for Mileight cameras (such as warning lights, heating, or defogging) in XProtect Management Client. These actions can be executed in batches or triggered manually.

Action Management allows users to add and edit all actions in the system. Users can then configure actions and select response cameras when setting up event rules, while **Action Presets** are used to predefine actions and cameras for one-click batch operations.

5.1 Action Management

Step 1: Click **Mileight Plugin --> Action Management** to enter the Action Management page by default.



Step 2: Add a new Action.

Click the "Add" button to create a new action. The configuration options, as shown in the figure below, will be displayed on the right side in the Action Configuration panel.

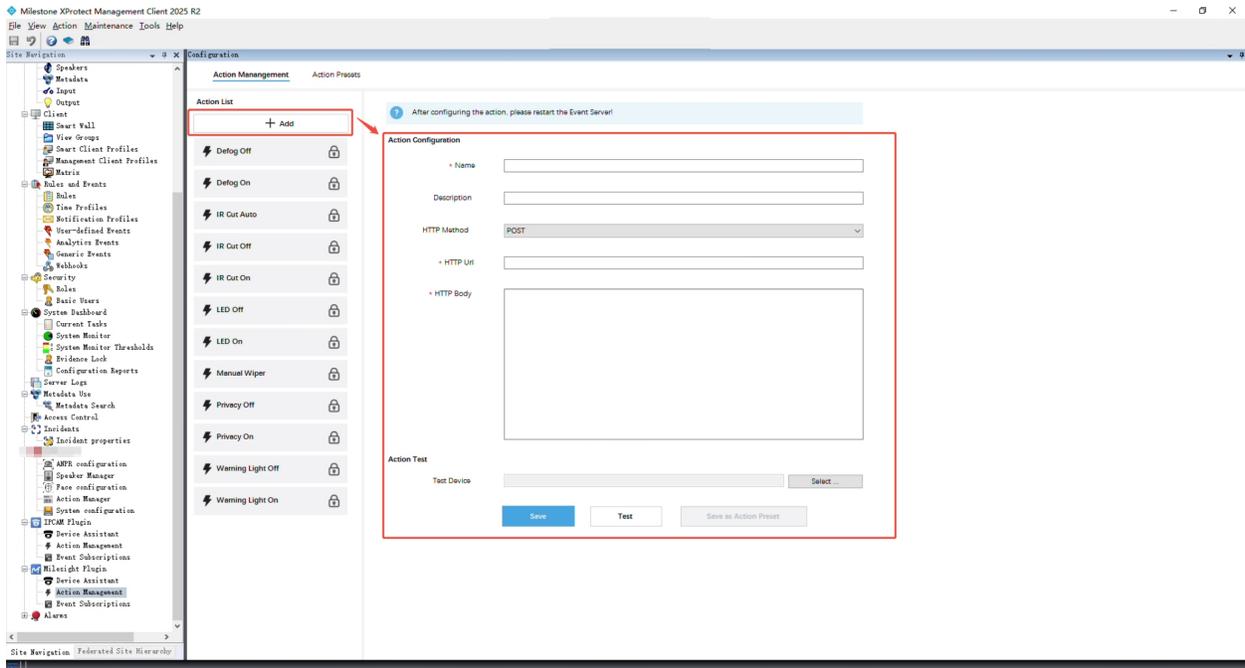
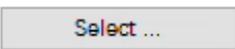


Table 4. Field Description

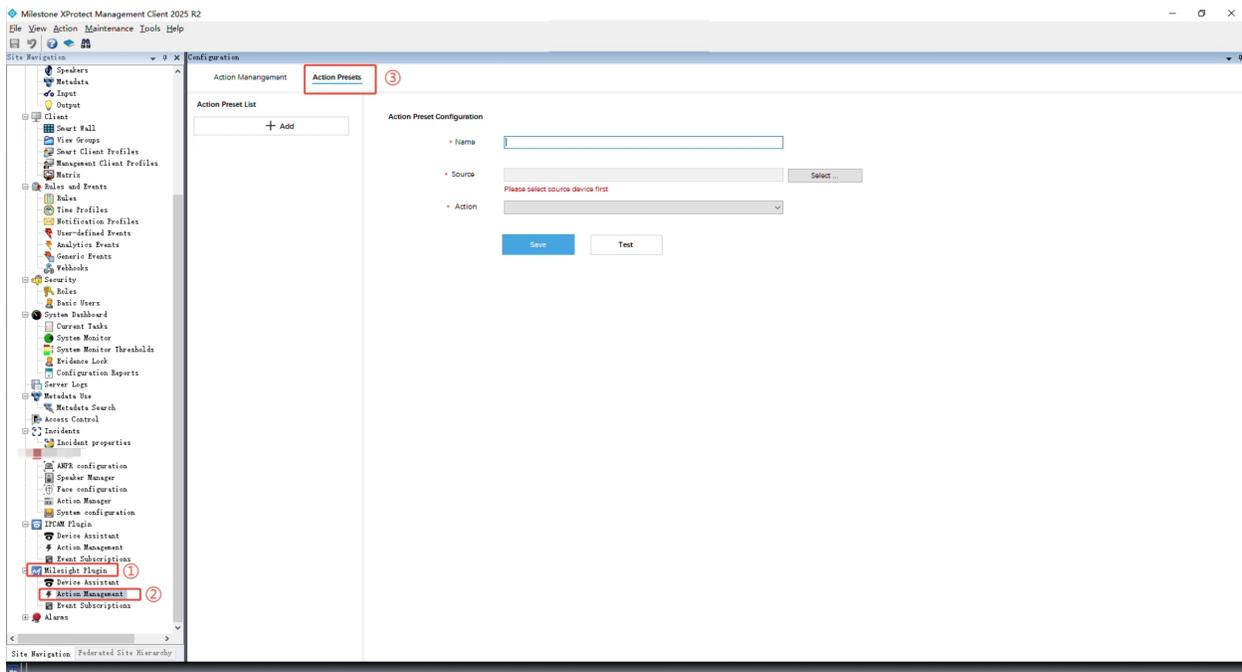
Field Name	Description
Name	Action name. Used to uniquely identify the action.  Note: Must not duplicate existing names.
Description	Additional information about the action, for easier management. (Optional)  Note: Up to 128 characters.
HTTP Method	HTTP request method. (GET or POST; POST is selected by default).
HTTP Url	Target URL for the HTTP request.
Request Body	Content of the HTTP request body.
	Select device(s) for testing the request. Multiple selections are supported.
	Test the validity of the current action configuration.

Field Name	Description
	<p>Save the current action configuration.</p> <ol style="list-style-type: none"> When adding a new action, you must click  button to test the configuration and ensure at least one successful result before saving. When editing an action, you can save changes to the name, description, or test device without retesting; other changes require retesting. After saving, the action will appear in the Event Rule's action list and can be assigned to rules.
	<p>Create a new Action Preset based on the current Action configuration.</p>

 **Note:** After configuring the action, please restart the Event Server to ensure the action configuration takes effect.

5.2 Action Presets

Step 1: Click **Milesight Plugin -->> Action Management -->> Action Presets** to enter the configuration page.



Step 2: Add a new Action Preset.

Click the "Add" button to create a new action preset. The configuration options, as shown in the figure below, will be displayed on the right side of the panel.

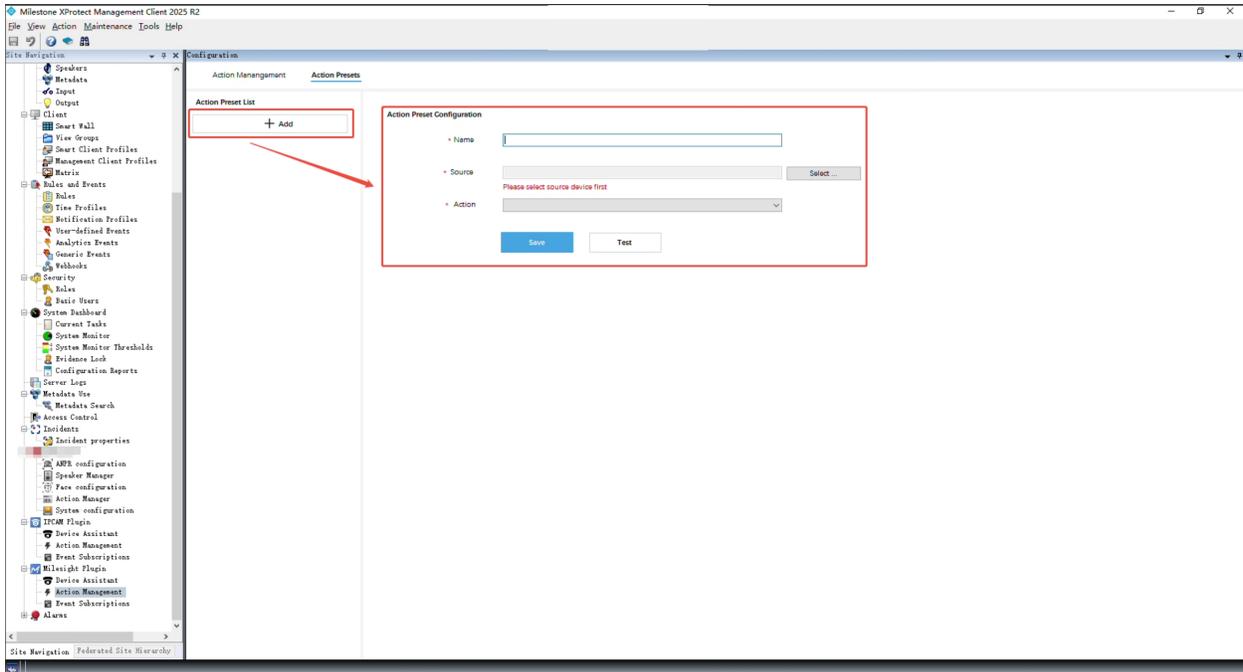


Table 5. Field Description

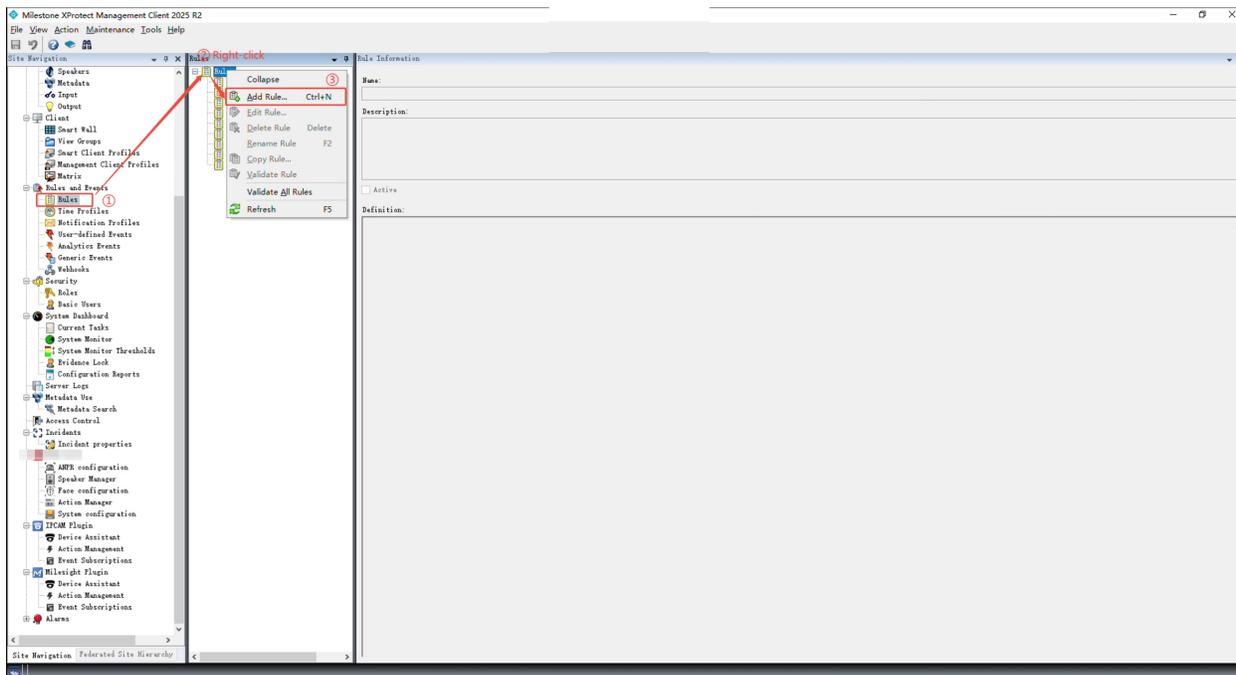
Field Name	Description
Name	Name of the Action Preset.  Note: Must not duplicate existing names.
Source	Select source devices for the action. Supports multiple selection.
Action	Select the associated Action.
<div style="border: 1px solid gray; padding: 5px; display: inline-block; margin: 10px auto;">Test</div>	Test the validity of the current action configuration.

Field Name	Description
	<p>Save the current action configuration.</p> <ol style="list-style-type: none"> When adding a new action preset, you must click <div data-bbox="878 380 1057 432" style="border: 1px solid gray; padding: 2px; display: inline-block; margin: 5px;">Test</div> button to test the configuration and ensure all selected devices return successful results before saving. When editing an action, you can save changes to "Name" without retesting; other changes require retesting. <p> Note: After modifying the Name, users can refresh the page (F5) to view the update of Action Preset List.</p> After saving, the action will appear in the Event Rule's action list and can be assigned to rules.

5.3 Configure Actions in Event Rules

After adding Actions and Action Presets, users can configure actions or action presets within Event Rule.

Step 1: Navigate to the "Rules" module in the navigation bar. Then right-click on "Rules" in the menu list and choose "Add Rule".



Step 2: Enter the rule name and manage the rule.

a. Select Rule Type

Choose the type of rule you want to create.

Then edit the rule description by clicking the underlined item.

The screenshot shows a 'Manage Rule' dialog box with the following fields and options:

- Name:** New Rule 001
- Description:** (empty)
- Active:**

Step 1: Type of rule

Select the rule type you want to create

- Perform an action on <event>
- Perform an action in a time interval
- Perform an action on a <recurring time>

①

Edit the rule description (click an underlined item)

Perform an action on event
from devices/recording_server/management_server

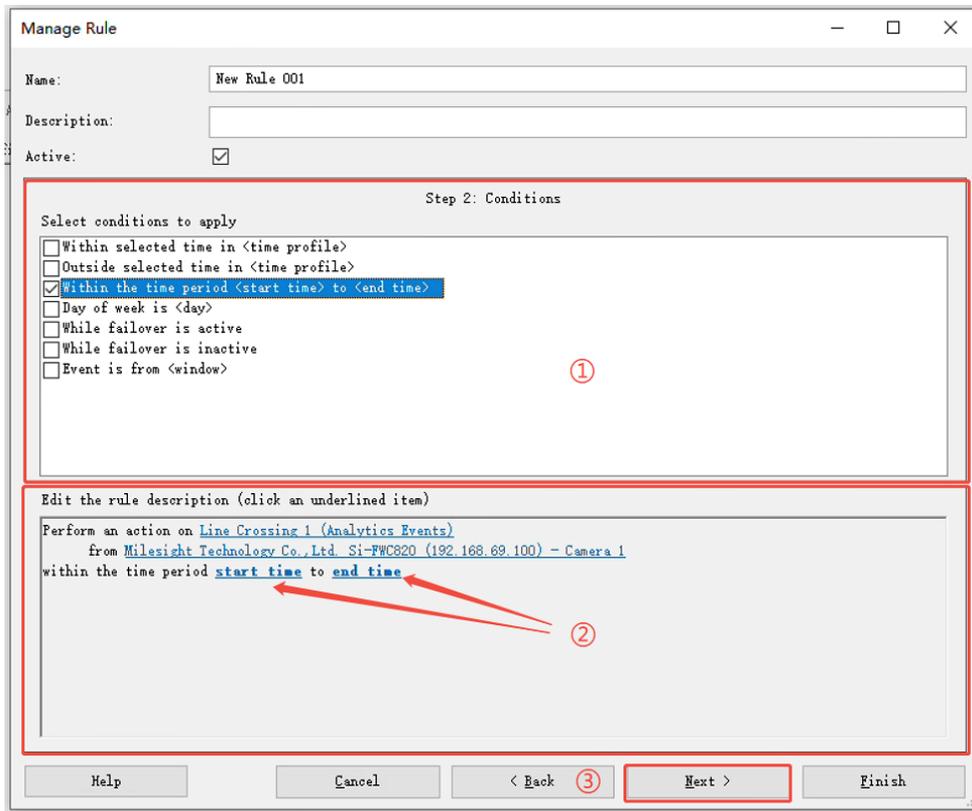
②

Buttons at the bottom: Help, Cancel, < Back ③, Next >, Finish

b. Set Conditions

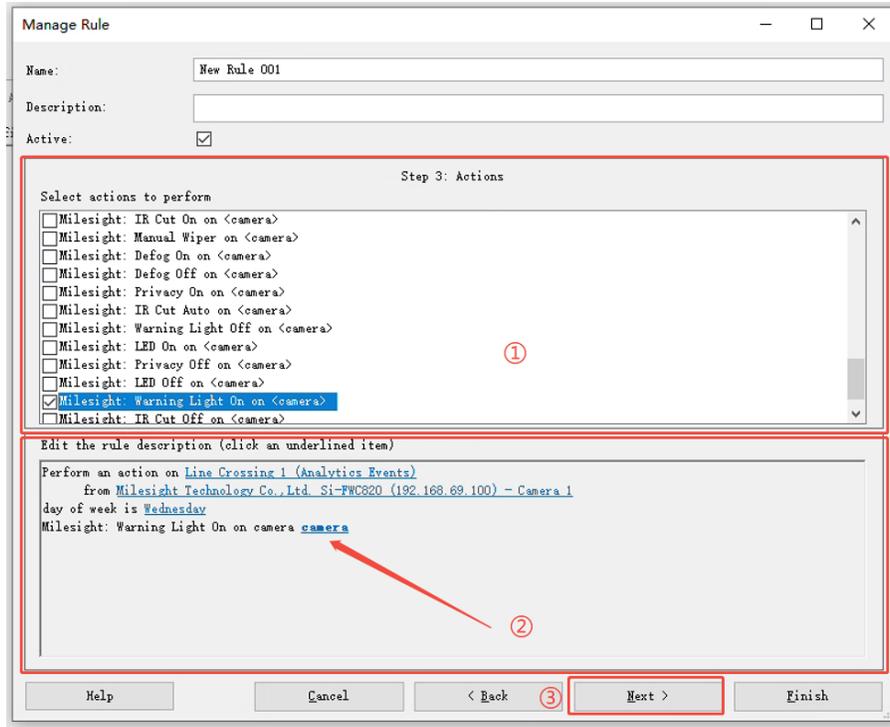
Specify the conditions under which the rule will be applied.

Then edit the rule description by clicking the underlined item.

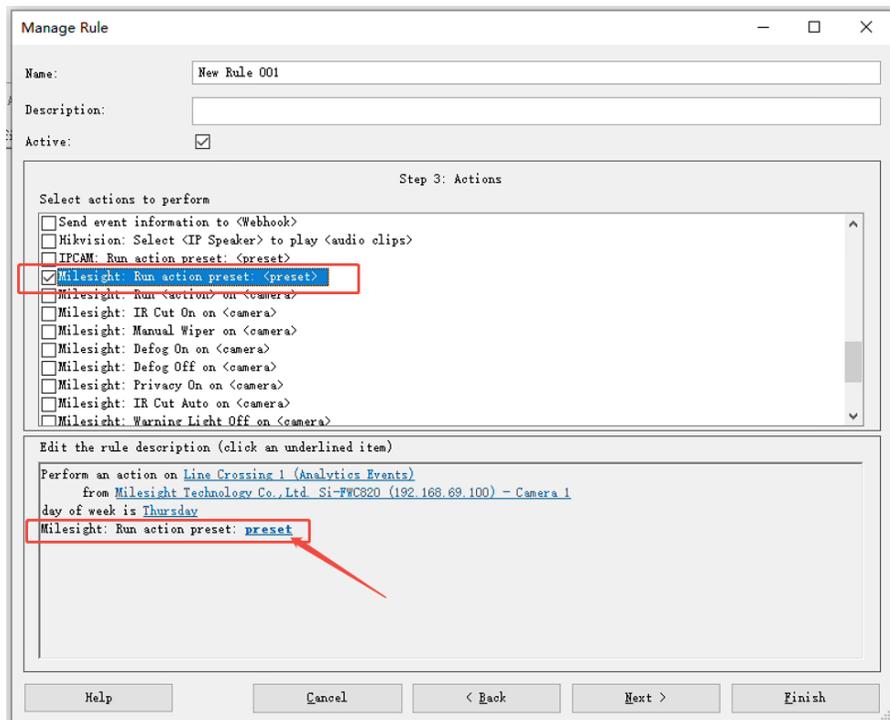


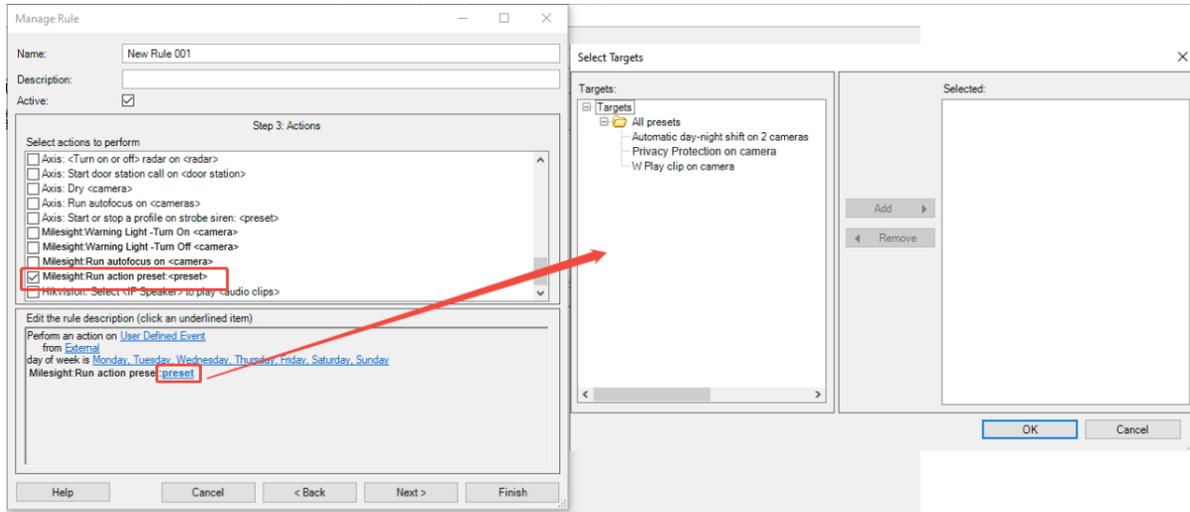
c. Select Actions to Perform.

In this step, specify the actions that will be automatically performed when the rule is triggered. You can select one or more actions for the associated camera(s). Then edit the rule description by clicking the underlined item.



If you select **Milesight: Run action preset: <preset>**, clicking "preset" will open the "Select Targets" popup, where you can view all available preset actions.

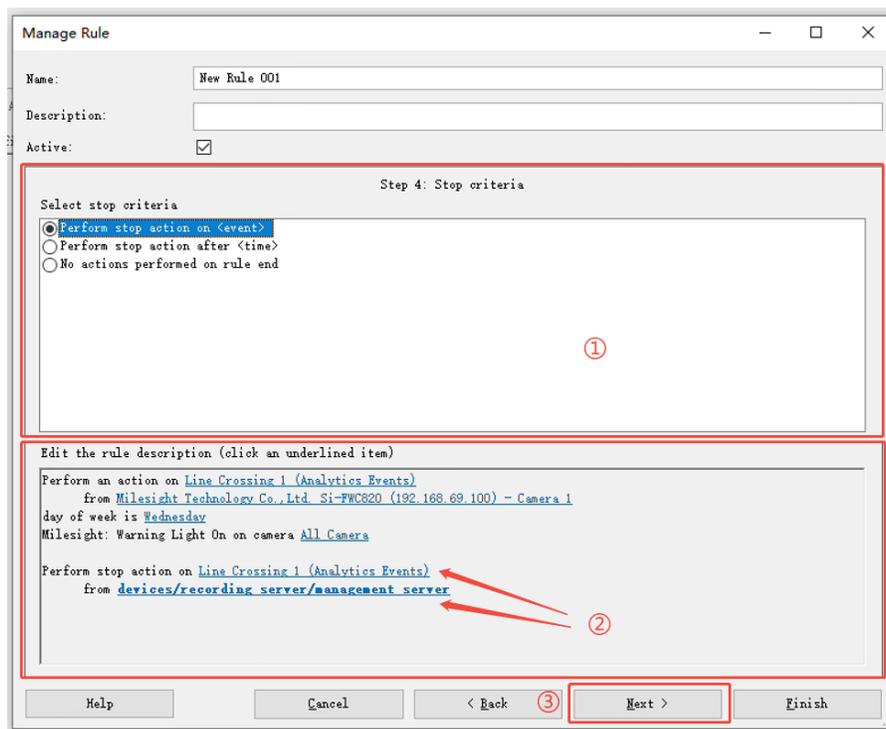


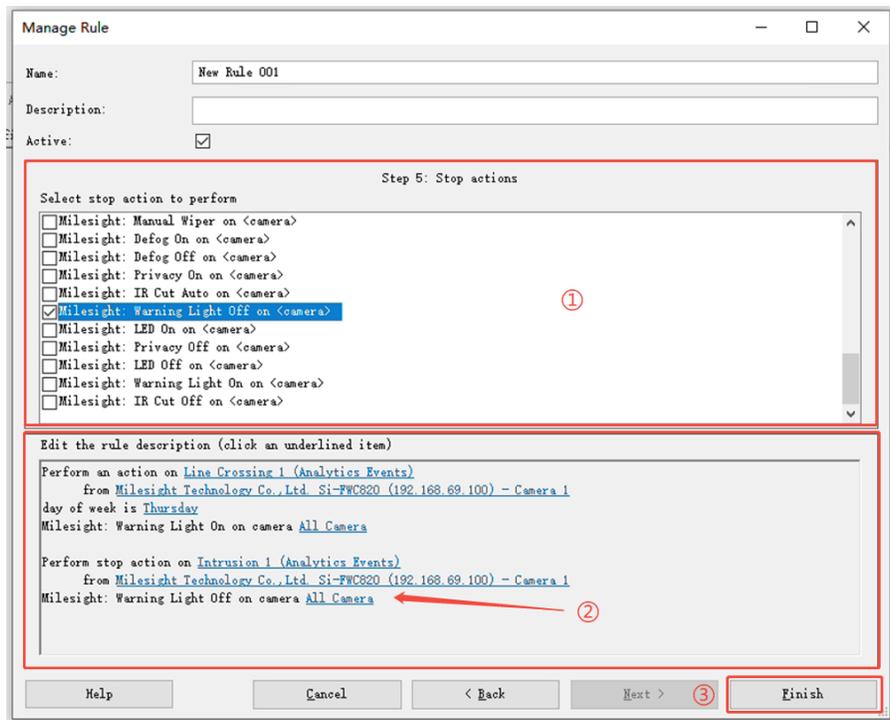


d. Set Stop Criteria and Stop Actions.

In this step, specify the criteria and actions for stopping the actions triggered by the rule.

Then edit the rule description by clicking the underlined item.



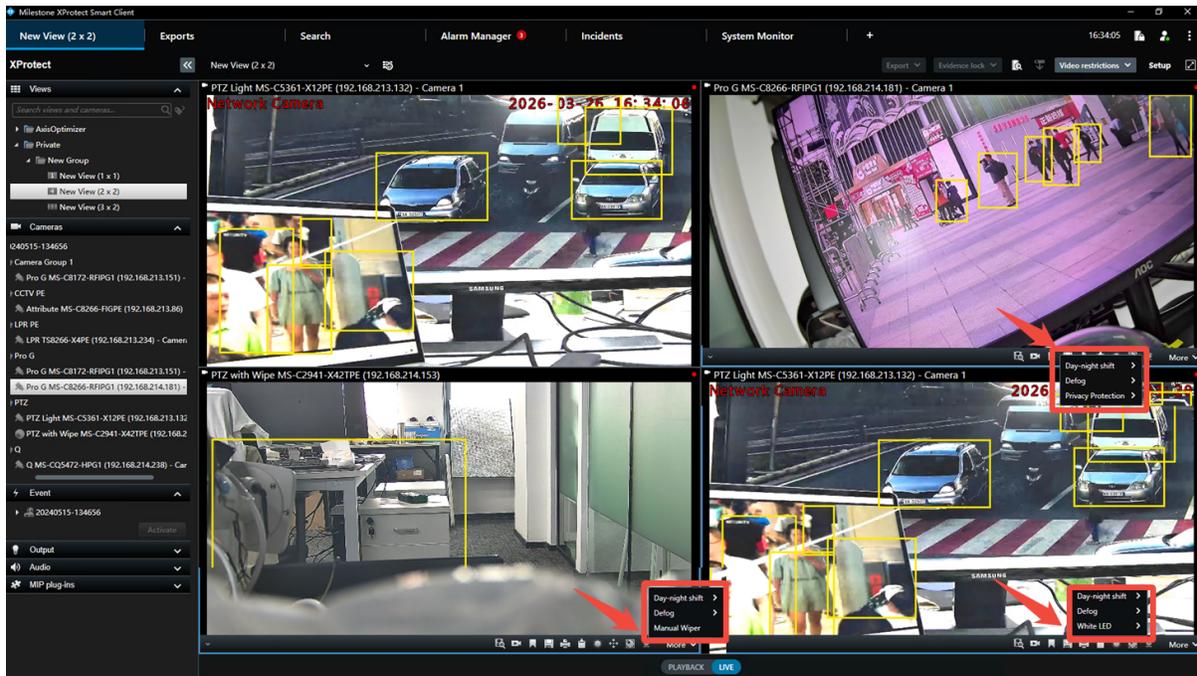


5.4 Manual Action Trigger in Live View

Users can also utilize user-defined events to trigger Actions directly from the Live View page (as shown below) for manual action control.

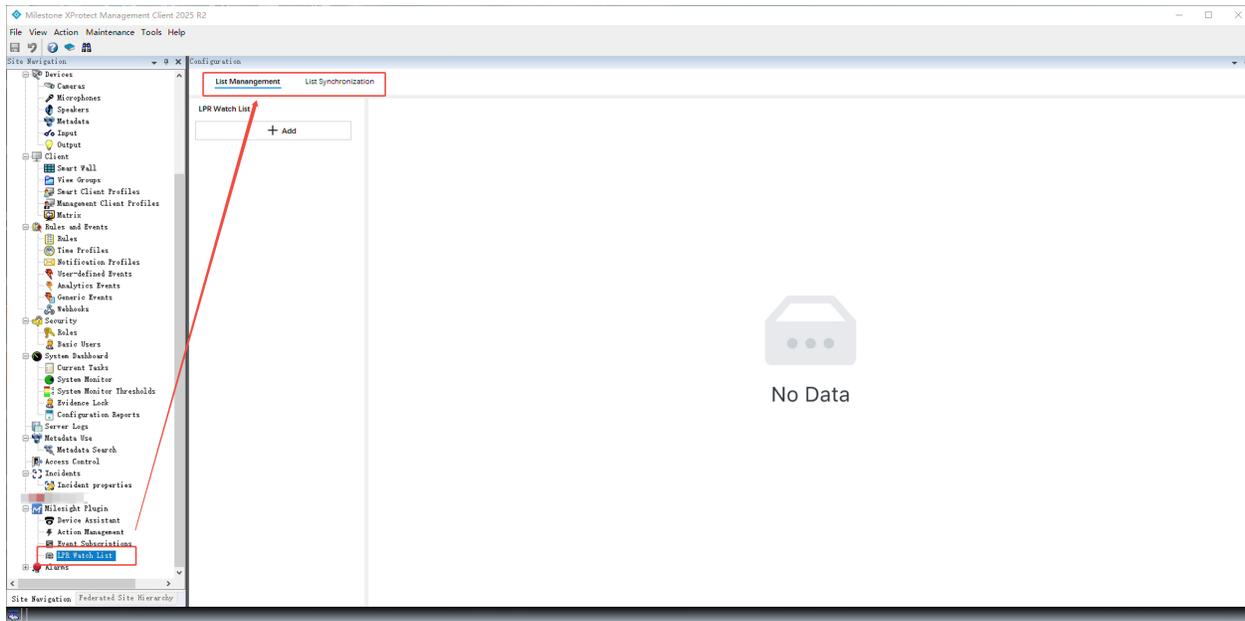
Configuration options may vary by device. The currently supported actions are as follows:

- **Day-night shift:** Auto Mode, Day Mode, Night Mode
- **Defog:** Defog On, Defog Off
- **Illumination Mode:** Auto, IR Mode, Color Mode
- **Manual Wiper**
- **Privacy Protection:** Privacy On, Privacy Off
- **Warning Light:** Warning Light On, Warning Light Off
- **White LED:** LED On, LED Off



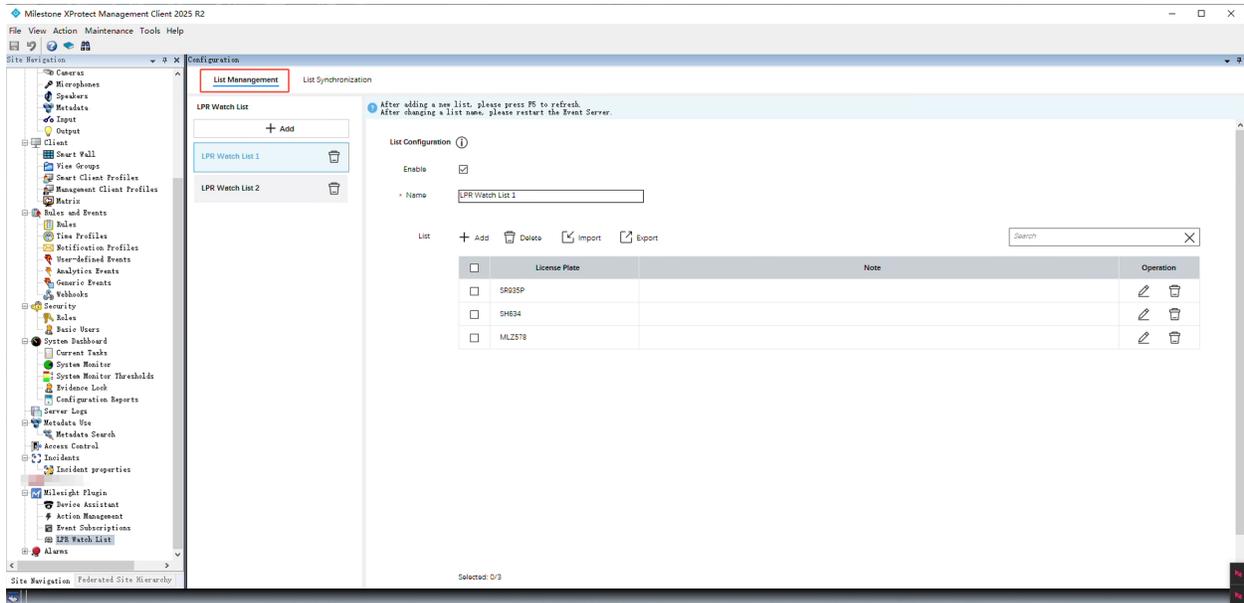
Chapter 6. LPR Watch List

The **LPR Watch List** feature allows centralized management and distribution of license plate lists. Users can add and edit license plates of interest in the system, and distribute the list to designated cameras for vehicle recognition and alarm linkage.



6.1 List Management

The **List Management** page allows users to add new entries, display existing data, as well as delete or edit the watch list, enabling efficient and flexible management of license plates.



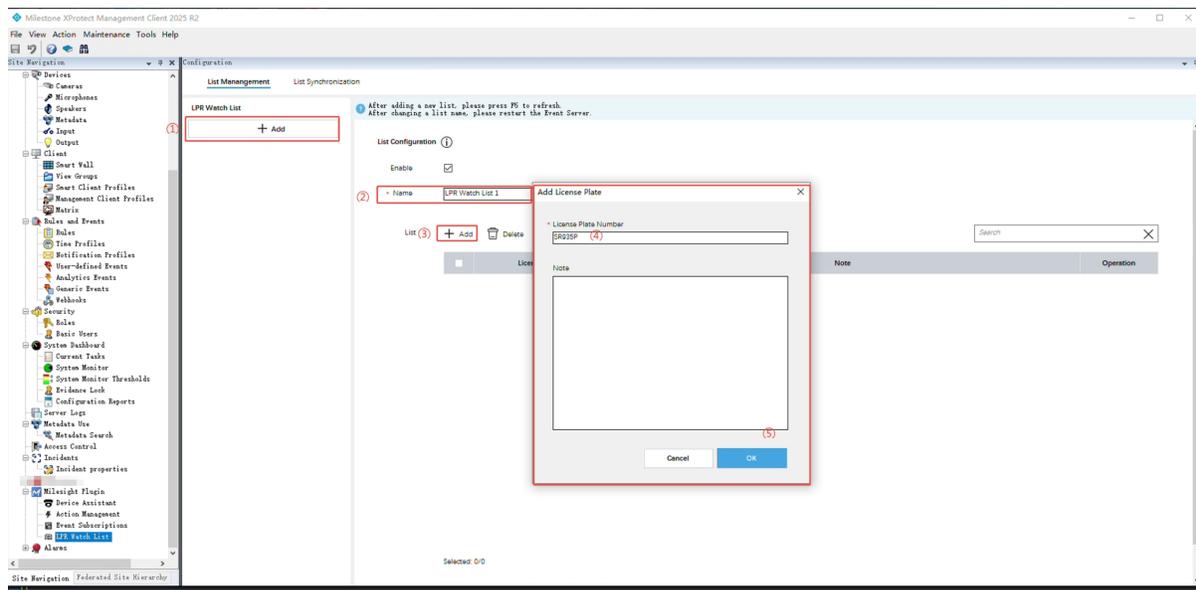
6.1.1 Watch List Management

Add Watch List

Step 1: Click the **+ Add** button to display the List Configuration details.

Step 2: Enter the name of the list.

Step 3: Click the **Add** button in the List Configuration section, then enter the **License Plate Number** and click **OK**.

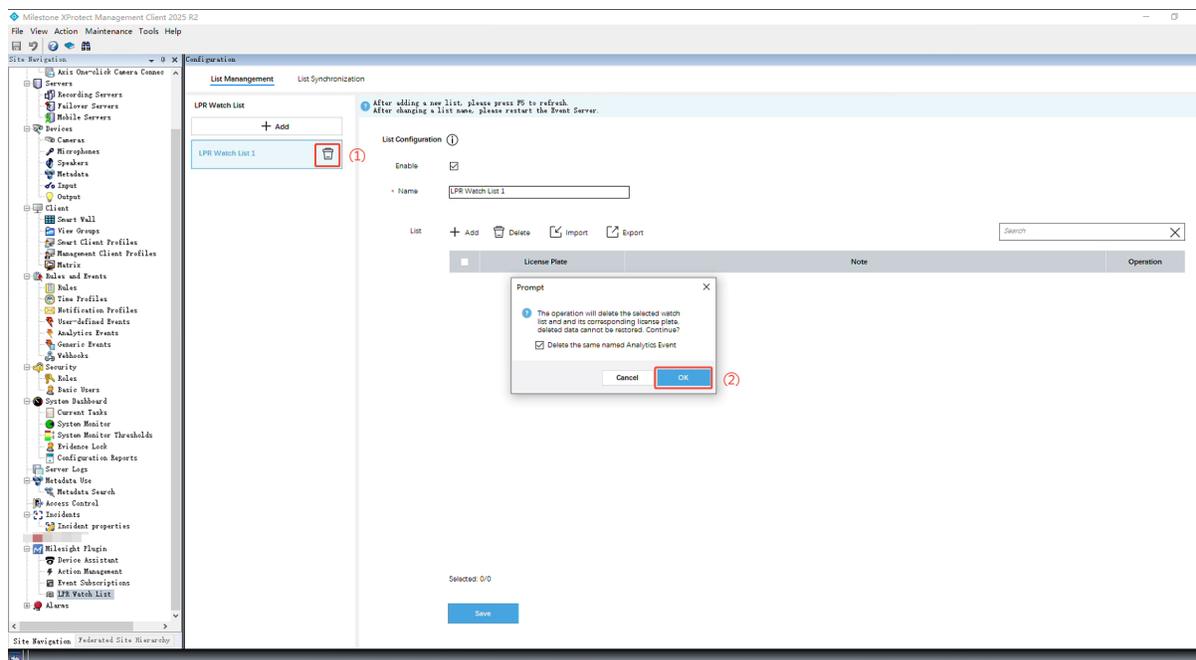


Note:

- After configuring the List, please press F5 to refresh the changes in Rules.
- When a List is created, Analytics Events with the same name are automatically created to trigger the watch list event. When the List is disabled, the corresponding watch list events cannot be triggered!
- Support creating up to 64 watch lists.

Delete Watch List

Users can click the delete button on the left to remove items from the list.



Edit Watch List

Step 1: On the **List Management** page, you can make the following changes:

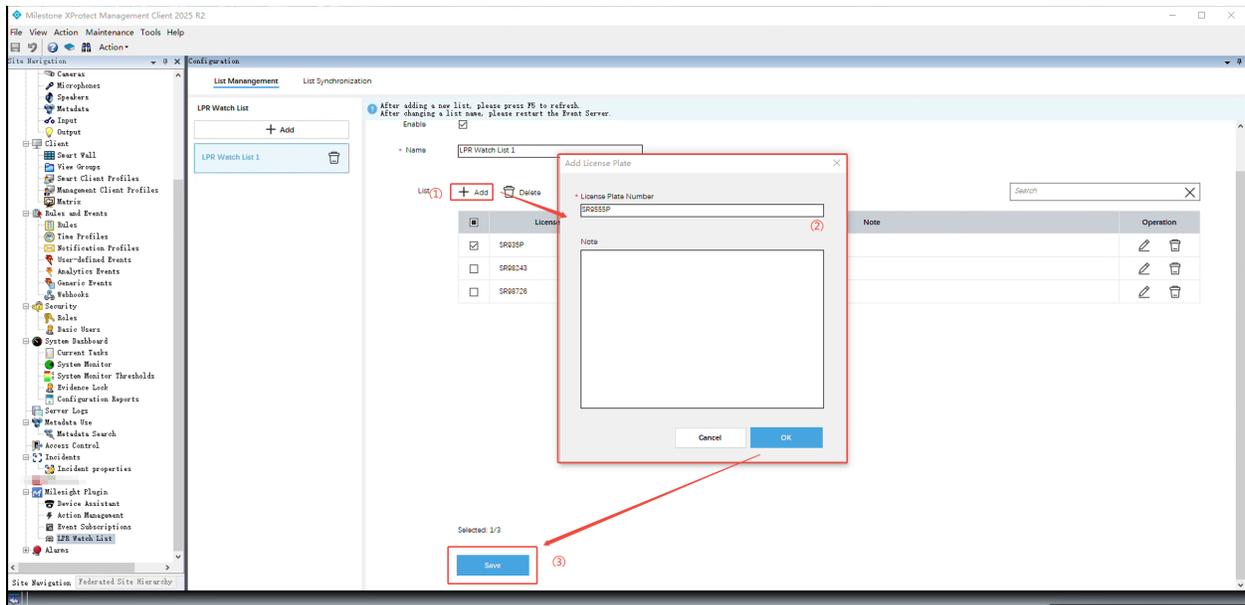
- Modify the **Watch List Name** or **Enable/Disable** the list.
- Manage the license plates under the list: **Add**, **Edit**, **Delete** or **Import** Plates. For details, please refer to [6.1.2 License Plate Management \(page 44\)](#).

Step 2: After making changes, click the **Save** button at the bottom left to save your updates.

6.1.2 License Plate Management

6.1.2.1 Add License Plate

Click  button in the List Configuration section, enter the license plate number you want to add, and then save the addition.



Note:

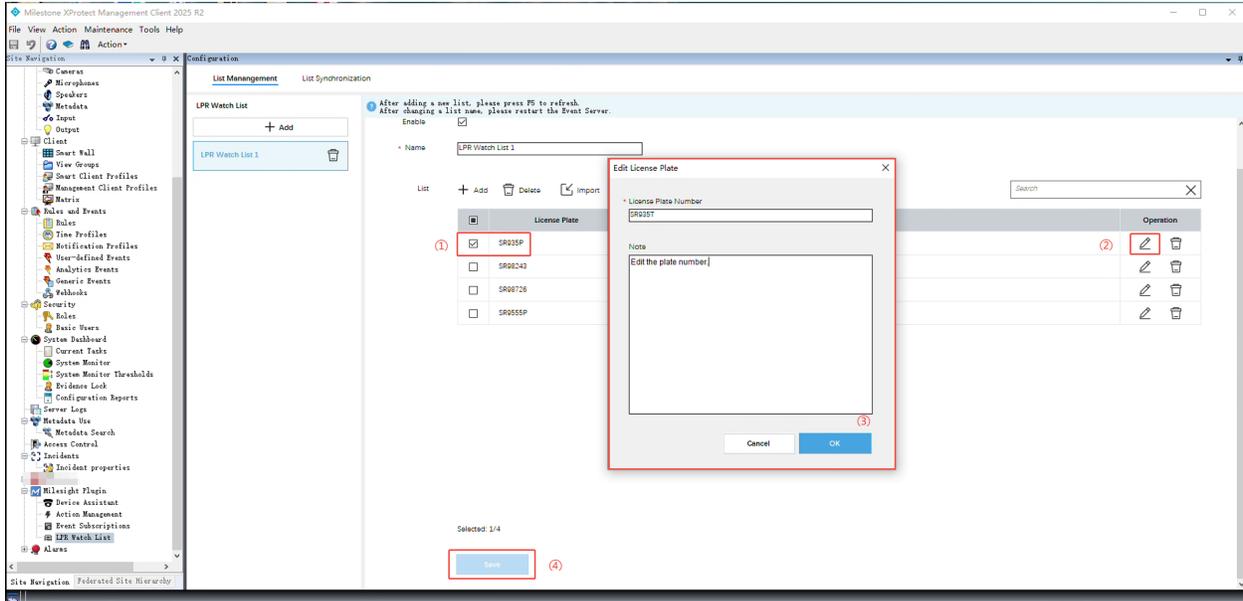
- Supports up to 32 characters of any type for the license plate number.
- Each watch list can add up to 2000 license plates!

6.1.2.2 Edit License Plate

Step 1: In the license plate data table, select the plate and click the  button in the Operation column to modify the license plate number.

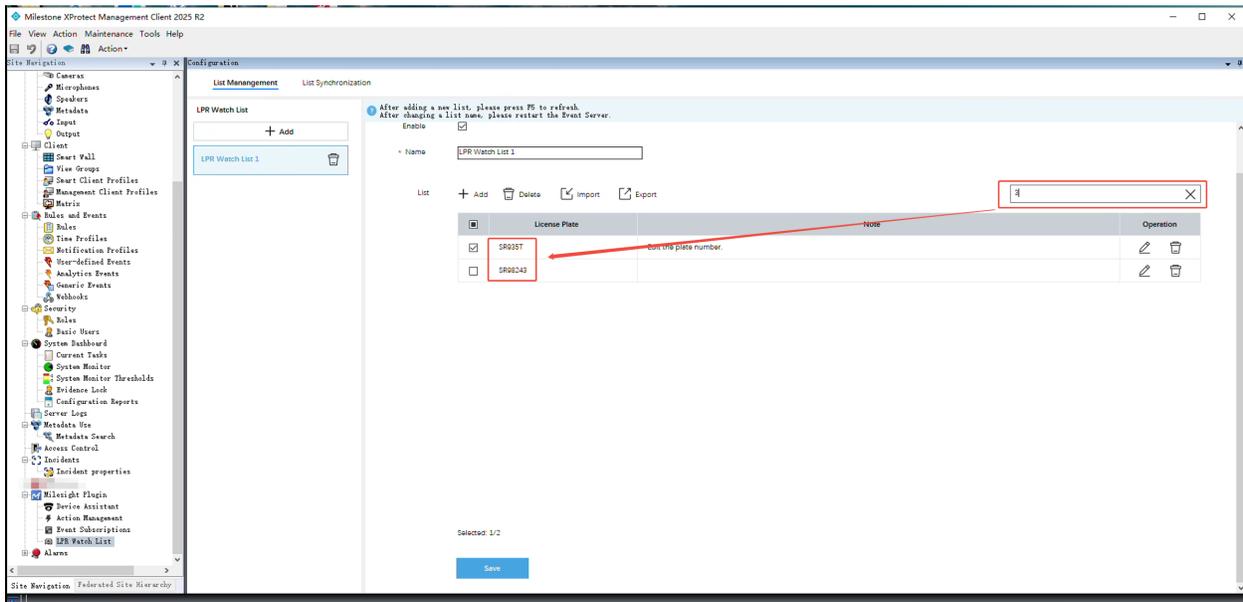
Step 2: After making changes, click **OK** to update the license plate data in the table.

Step 3: Click **Save** to save the modifications.



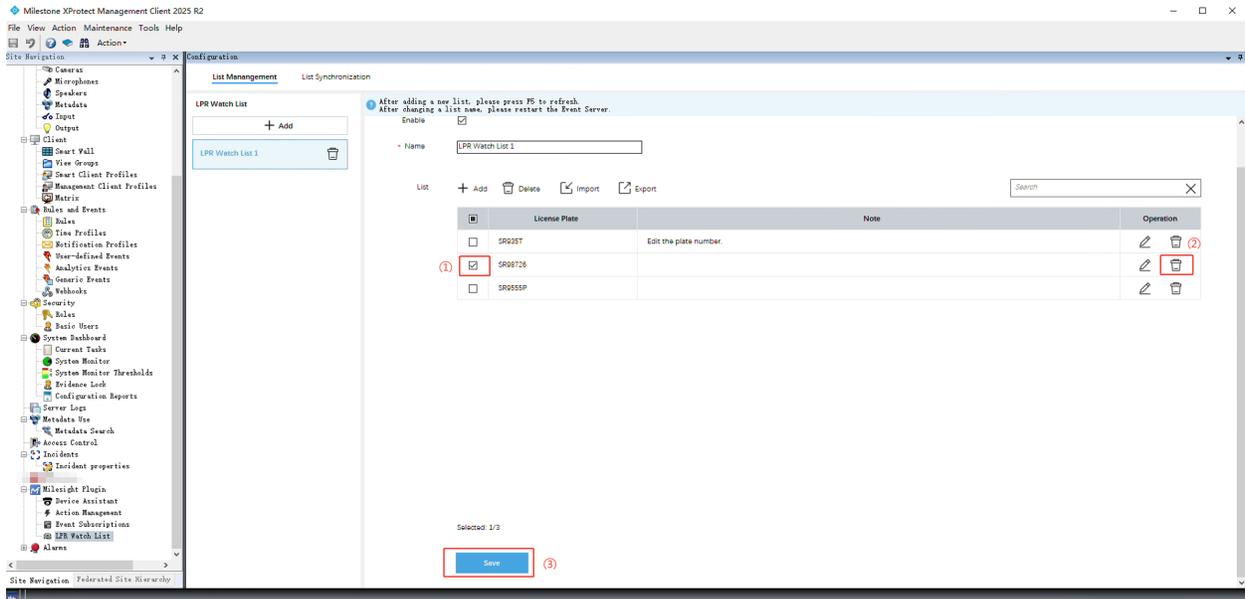
6.1.2.3 Search for a License Plate

User can use the search box in the upper right corner of the data table to perform fuzzy searches for license plate numbers and notes in the current list.

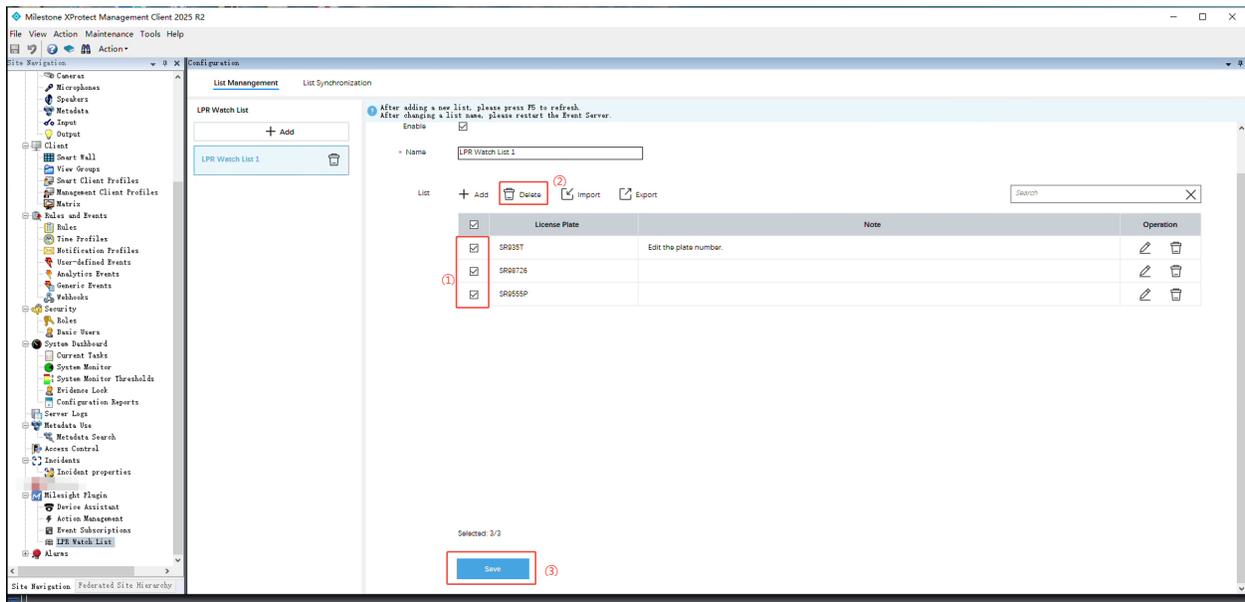


6.1.2.4 Delete License Plate

Step 1: Select the plate and click the  icon in the Operation column to remove the corresponding row from the table.



You can also click the **Delete** icon in the upper left corner of the table to batch delete the selected rows.



Step 2: Click **Save** to save your changes.

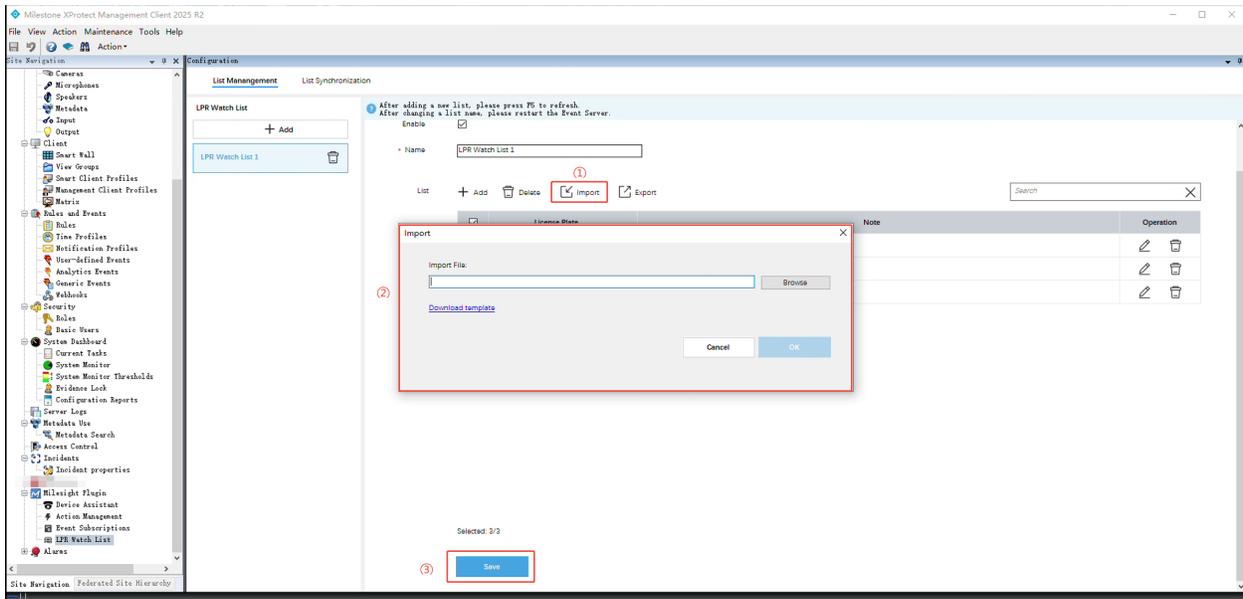
6.1.2.5 Import License Plate

Step 1: Click the **Import** icon.

Step 2: In the pop-up window, click **Browse** to select the file you wish to import, and then click **OK** to proceed.

Note: Only CSV files are supported for import.

Alternatively, you can click **Download template** to download the template file (default name: "License Plate template.csv"), fill in the license plate data, and then import the file.



Note: When importing data, if there are failed records, users can download the failed data, review the specific issues, and re-import after corrections.



Possible Error Reasons:

- License plate data error:
License plate is empty or does not meet the required format.
- Duplicate license plates:

If the same license plate is imported multiple times, only the first one will be accepted; the rest are considered duplicates. License plates that already exist in the group are also treated as duplicates.

- Note data error:

The Note field exceeds the maximum allowed length.

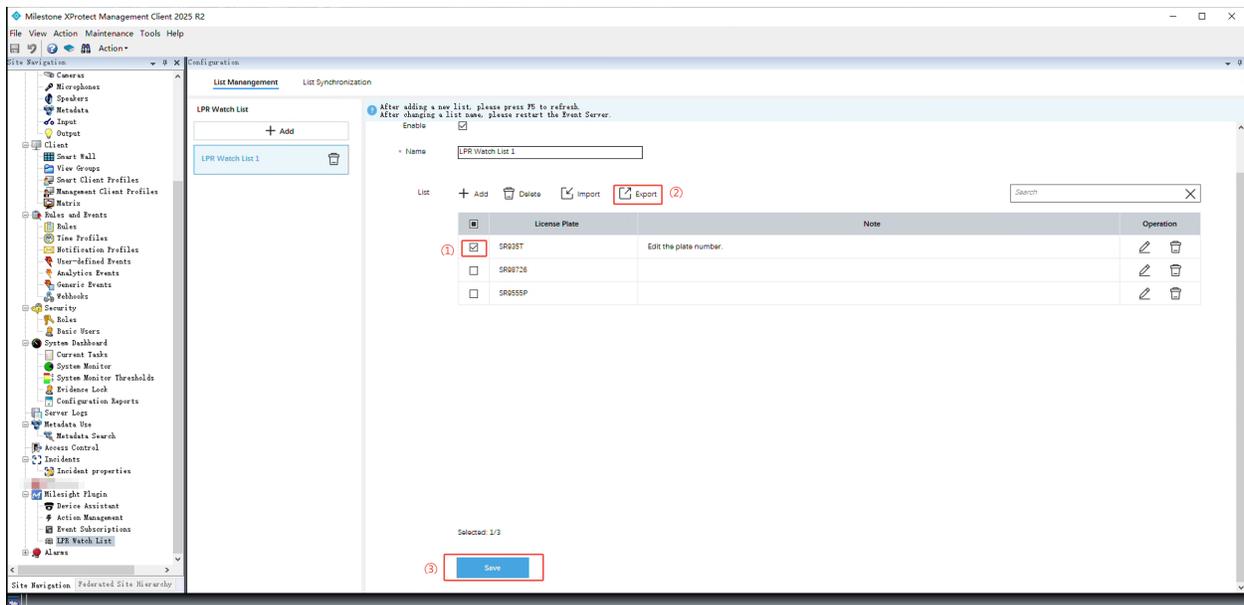
- Others

After correcting the List errors, re-import the data. Click the **OK** button to complete the import process.

Step 3: Click **Save** to finish the import.

6.1.2.6 Export License Plate

Select the license plate and click the  **Export** button.

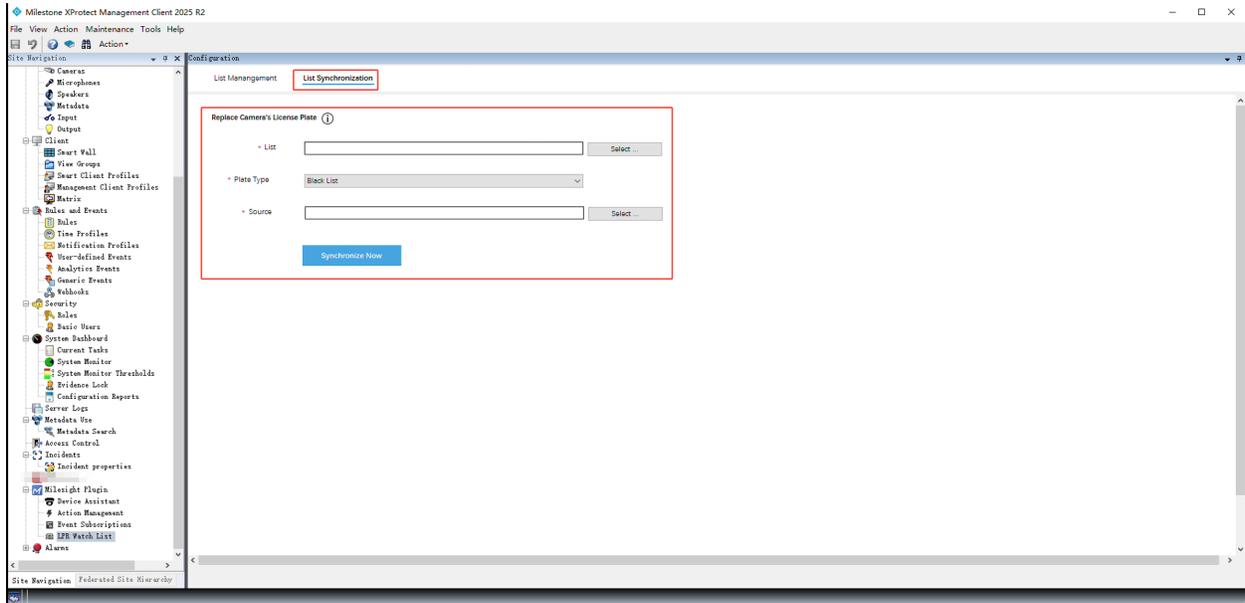


Note:

- The default export path is the Milestone client installation directory, for example: `D:\Milestone\XProtect Management Client`. Users can modify the export path as needed.
- Only CSV file format is supported for export.

6.2 License Plate Distribution

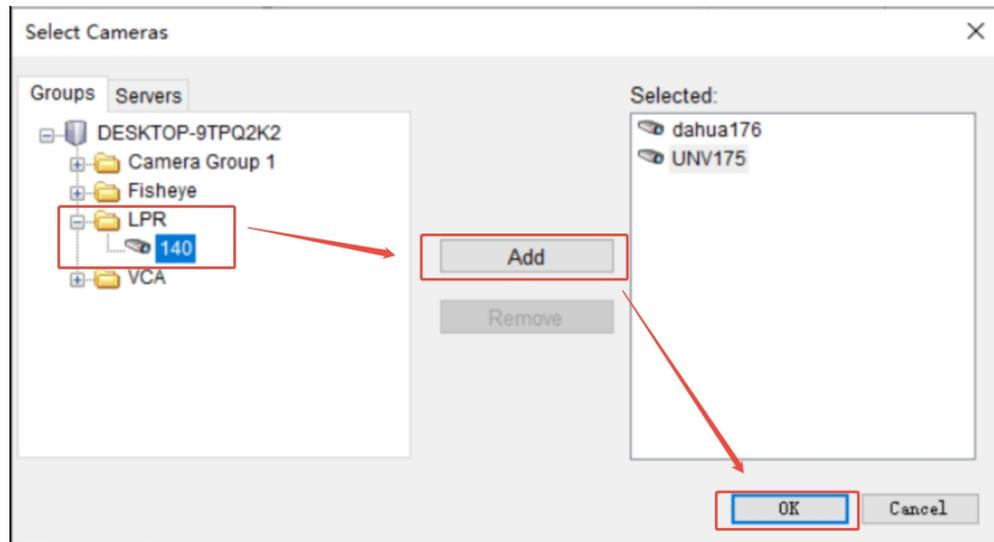
The **List Synchronization** page allows users to select one or more Watch Lists and synchronize the license plate data (based on the specified Plate Type) to selected LPR cameras.



Step 1: In the List section, click the **Select** button to select one or more watch lists as needed. Then click **OK** to confirm and complete the selection.

Step 2: Select the **Plate Type**(**Black List** or **White List**). By default, **Black List** is selected.

Step 3: Click **Select** to choose the LRP cameras for distributing the lists. Then, click **Add** to add the selected devices.



Step 4: Click [Synchronize Now](#) to distribute the license plates.

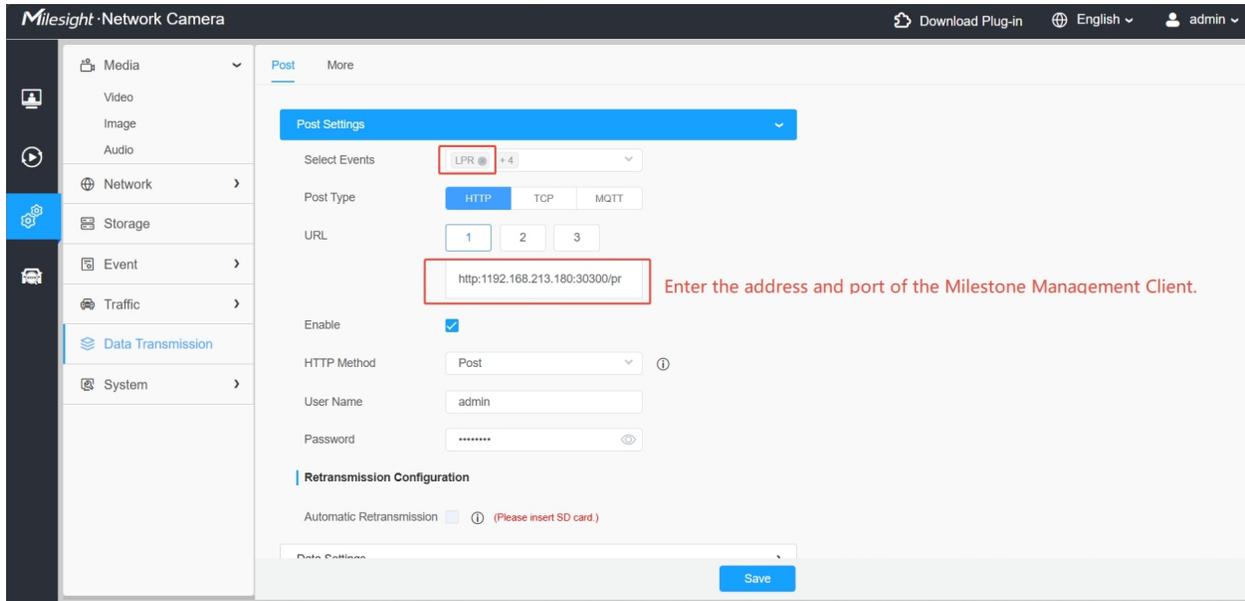
The system will distribute the License Plate Numbers, Plate Type (Black List/White List), and Notes from the selected Watch List(s) to the chosen cameras. **Valid Time** for the license plates is set to **Always** by default.

 **Note:** Up to 100,000 license plates can be distributed.

6.3 Create Analytics Event

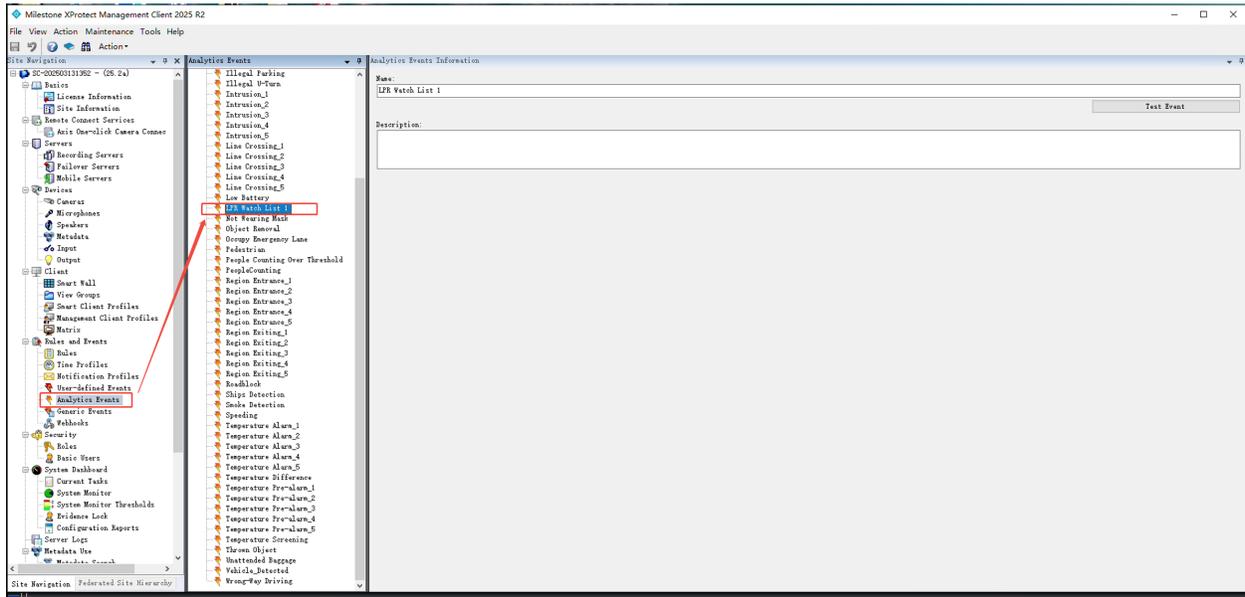
Step 1: Configure the Post address in the camera web.

Set the HTTP or HTTPS Post address (HTTP: `http://ip:41080/lpr`, HTTPS: `https://ip:41443/lpr`) and ensure the ports are whitelisted.



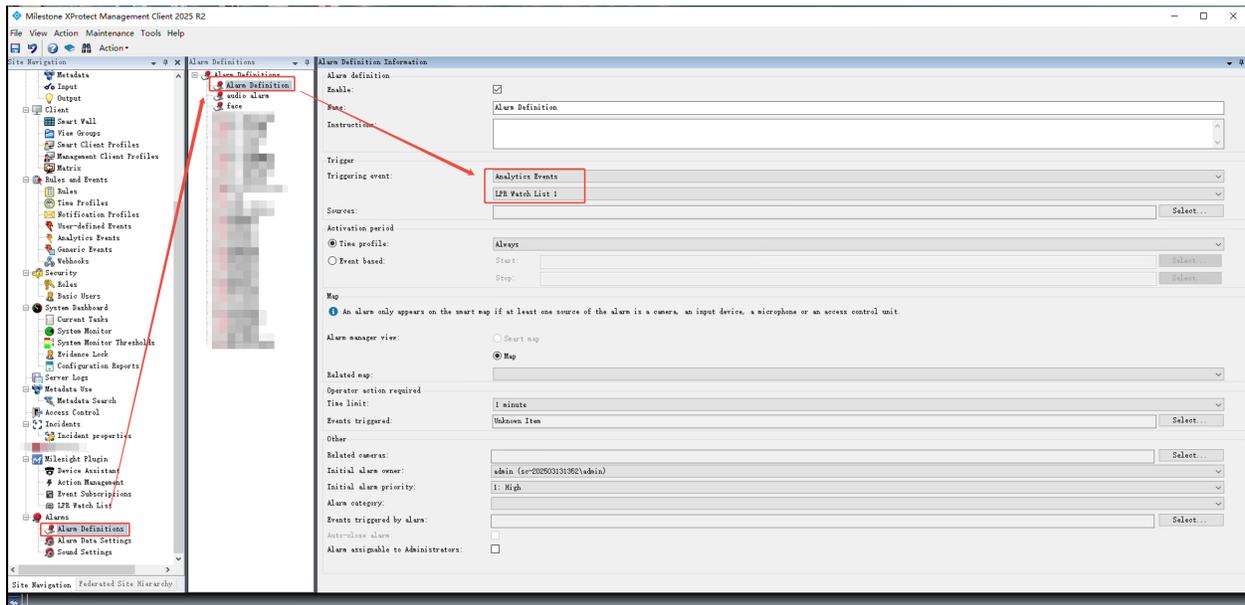
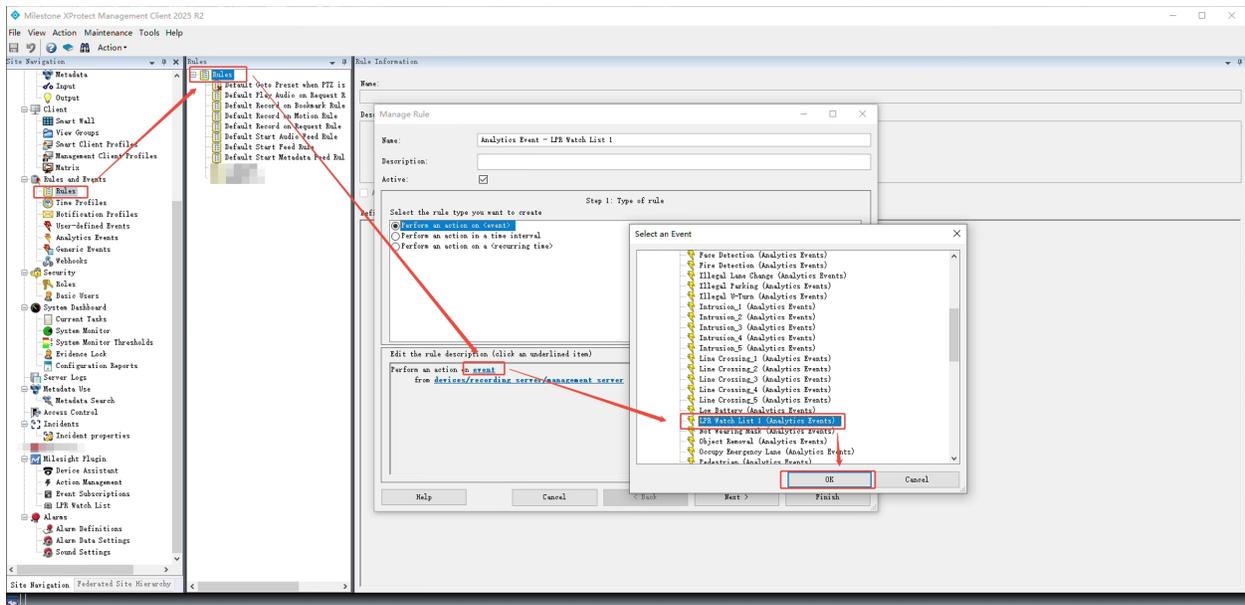
Step 2: Create an Analytics Event.

When a new watch list is created, the system will automatically create an event with the same name under Analytics Events (as shown below).



Step 3: Set up Rules and Alarms

After the Analytics Events are created, you can configure event rules and response actions under **Rules**, and also set up alarm-related configurations under **Alarm Definitions**.



Note: Please ensure that the name of the Watch List is the same as the event name created in step 2.

After completing this configuration, when a license plate in the Watch List triggers the corresponding event, the system will execute the response action or generate an alarm according to the rules.

Chapter 7. Fisheye Dewarping

The new Milestone plugin supports multi-mode Fisheye dewarping, such as 1O 3D, 1P, 2P, 4R, 1O4R, 1P1R, 1P4R, 1P6R, and 1O7R. The plugin is not limited to specific camera manufacturers and supports all Fisheye Cameras.

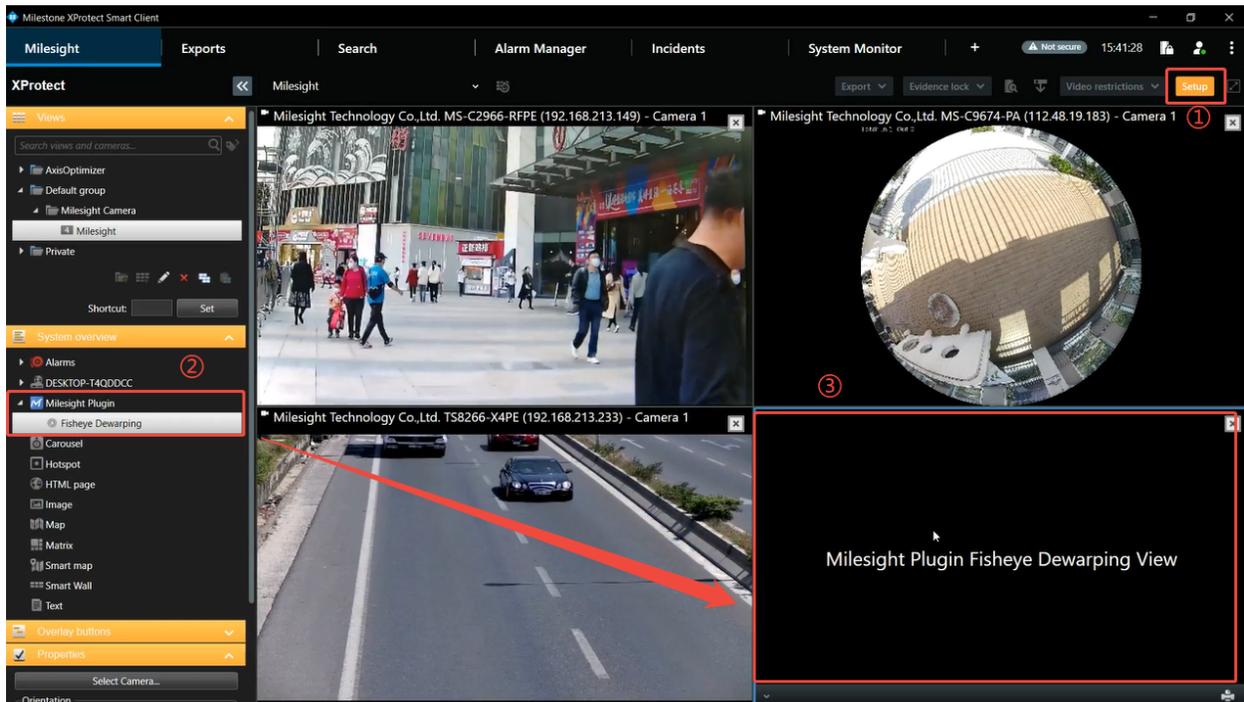
7.1 Configure Fisheye Dewarping

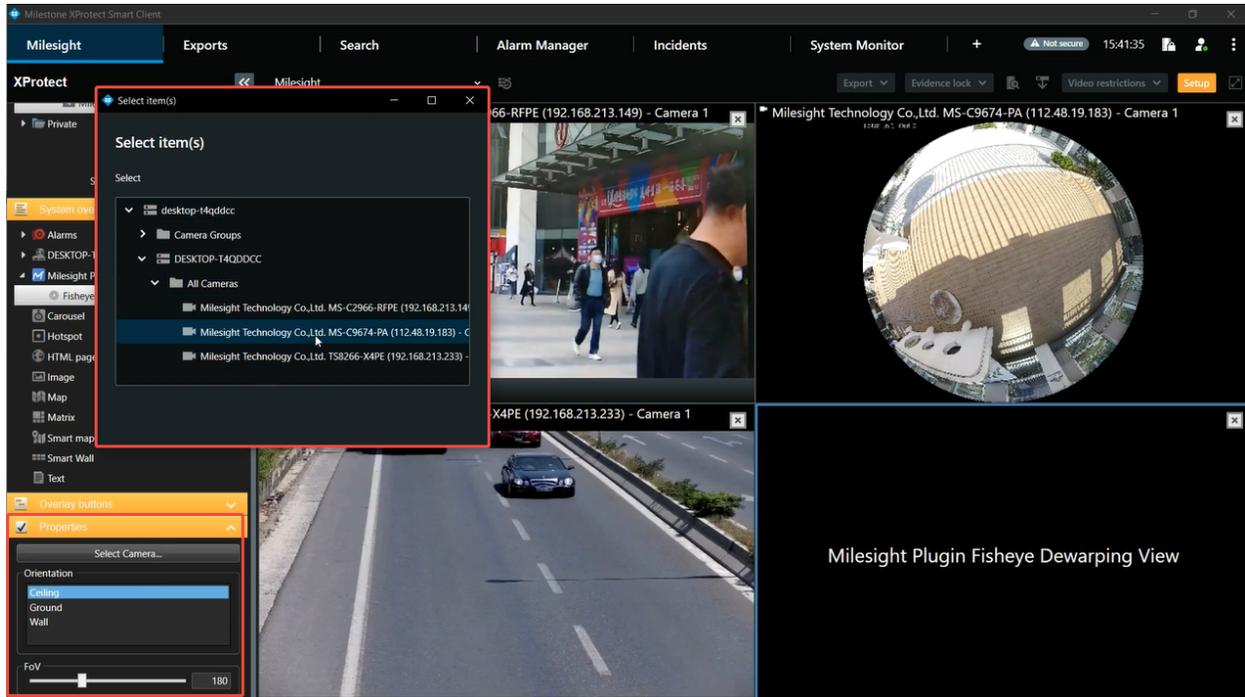
The detailed configuration steps are as follows:

Step 1: In the XProtect Smart Client preview interface, click "Setup" on the right side, drag the Milesight Plugin's Fisheye Dewarping component into the window, and configure the Camera, installation method, and field of view.

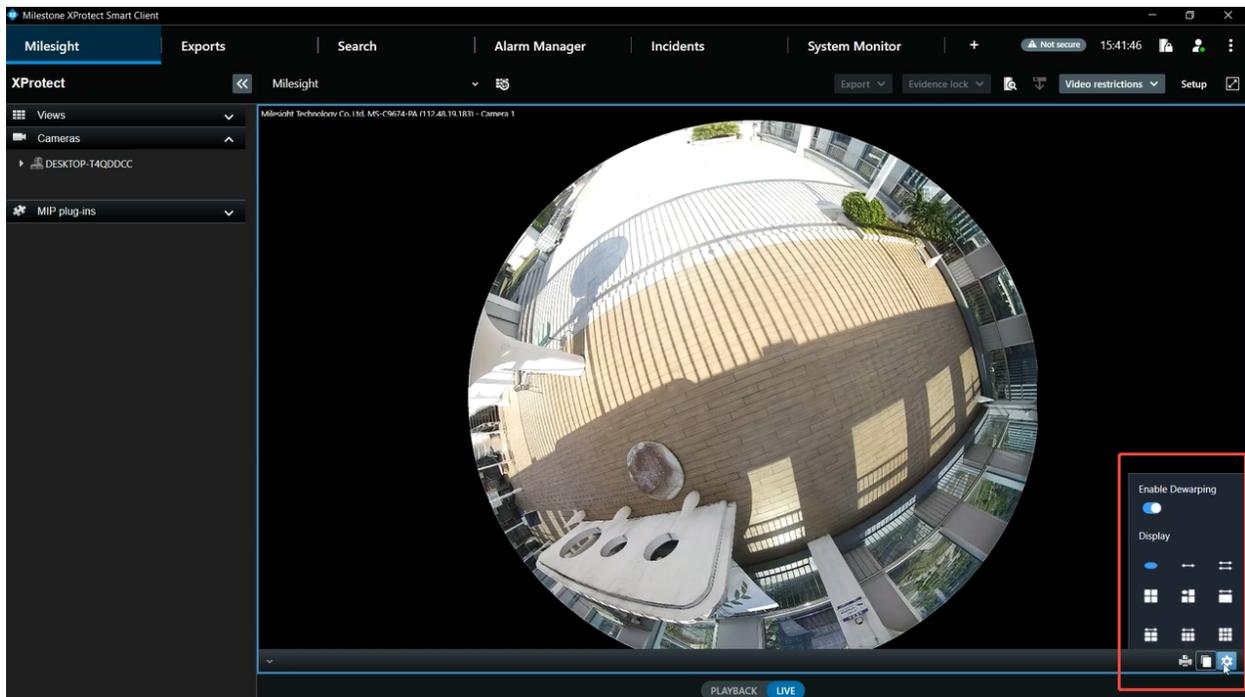
Note:

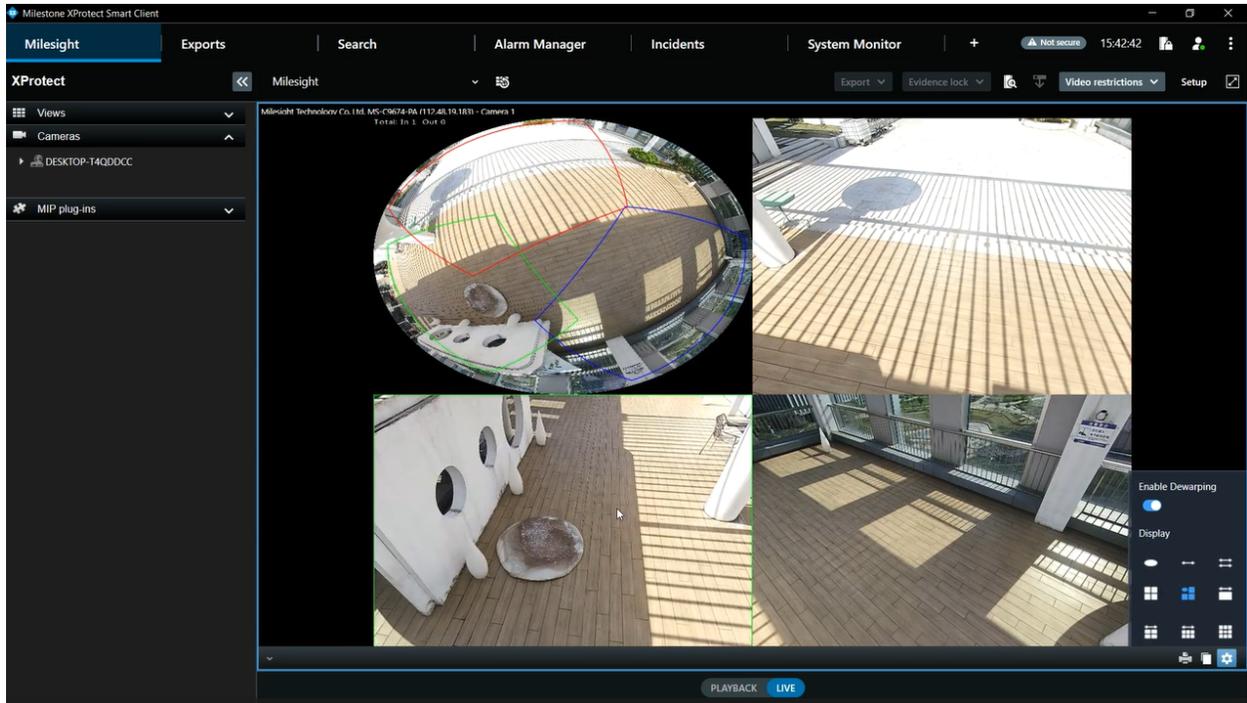
The range of Fov is from 160 to 220, with a default of 180. Users can set the appropriate field of view angle according to the camera.





Step 2: After configuring, exit "Setup", click the settings icon in the lower right corner of the Live window, and configure the Display mode. Users can select and view the area of interest by using the scroll wheel and dragging with the mouse.



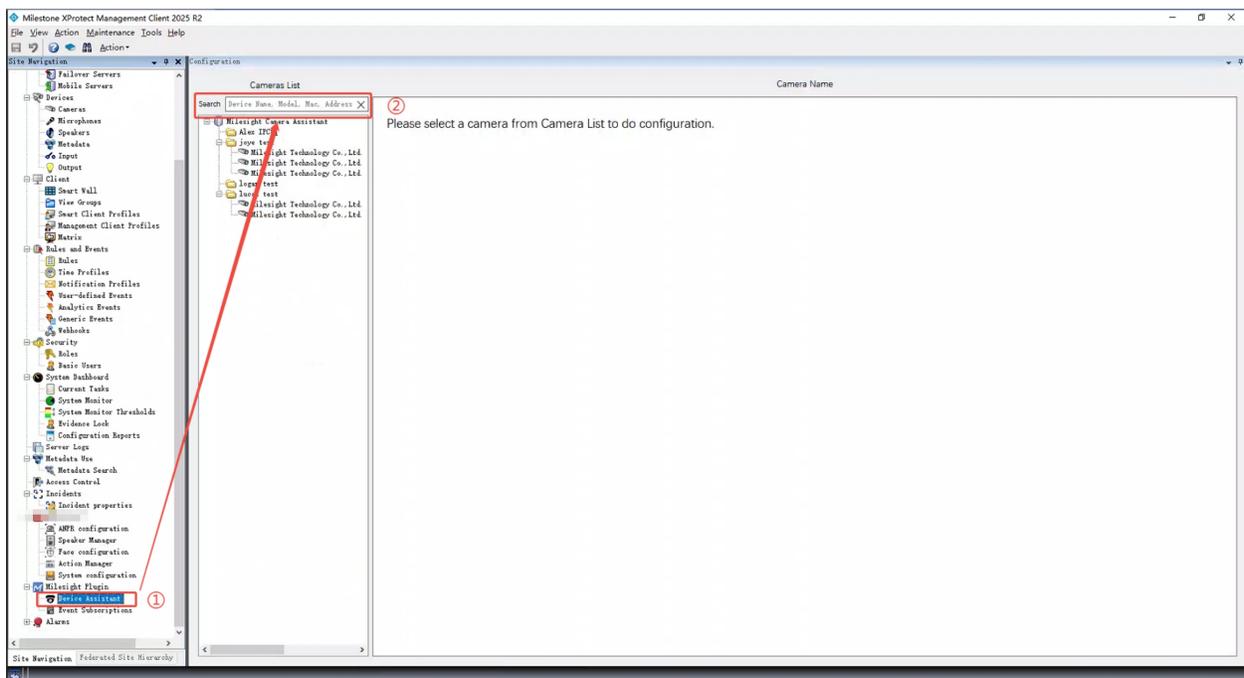


Chapter 8. Device Assistant

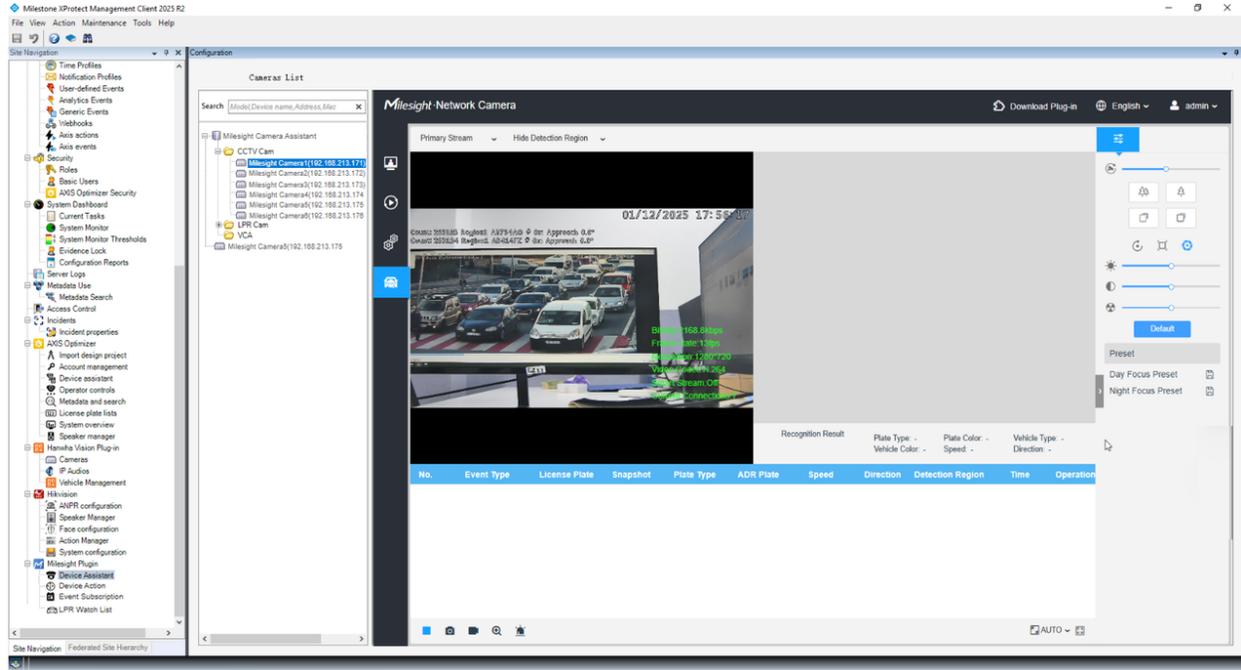
8.1 Password-free Login

The plugin now supports password-free login to the web interface of Milesight cameras. When adding a device, the browser caches the entered username and password, allowing resource access to the camera web interface without manually enter the password again. The operation steps are as follows:

Step 1: At the top of the list, users can enter the device model, device name, device address, or MAC address in the search box to quickly locate the desired device.

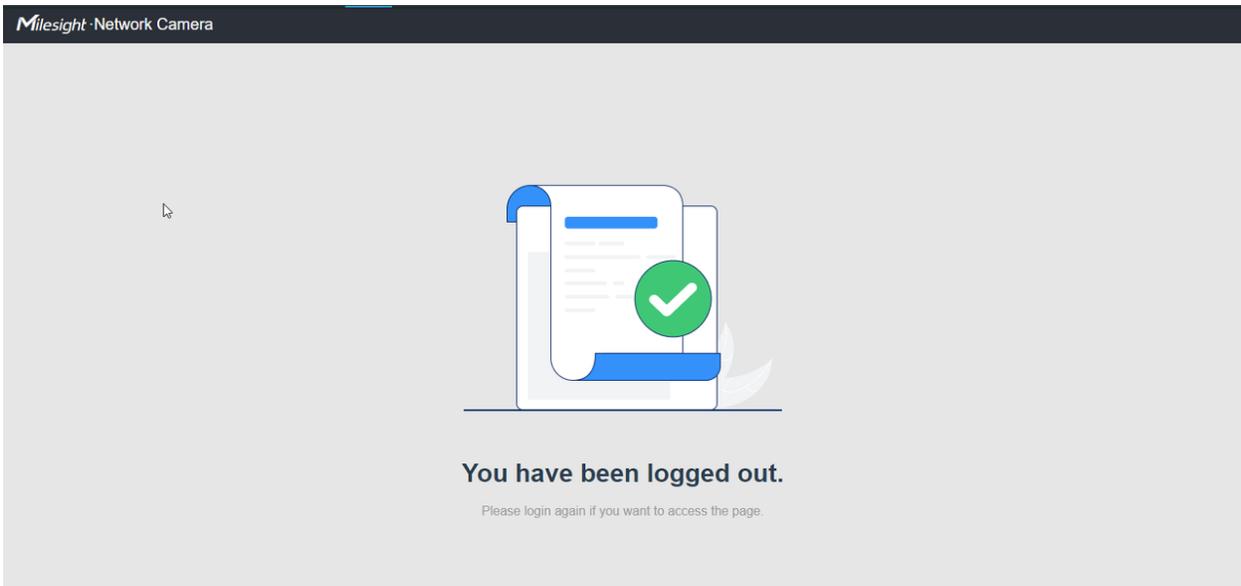


Step 2: Double-click the selected device to directly open its web interface and log in without entering credentials.

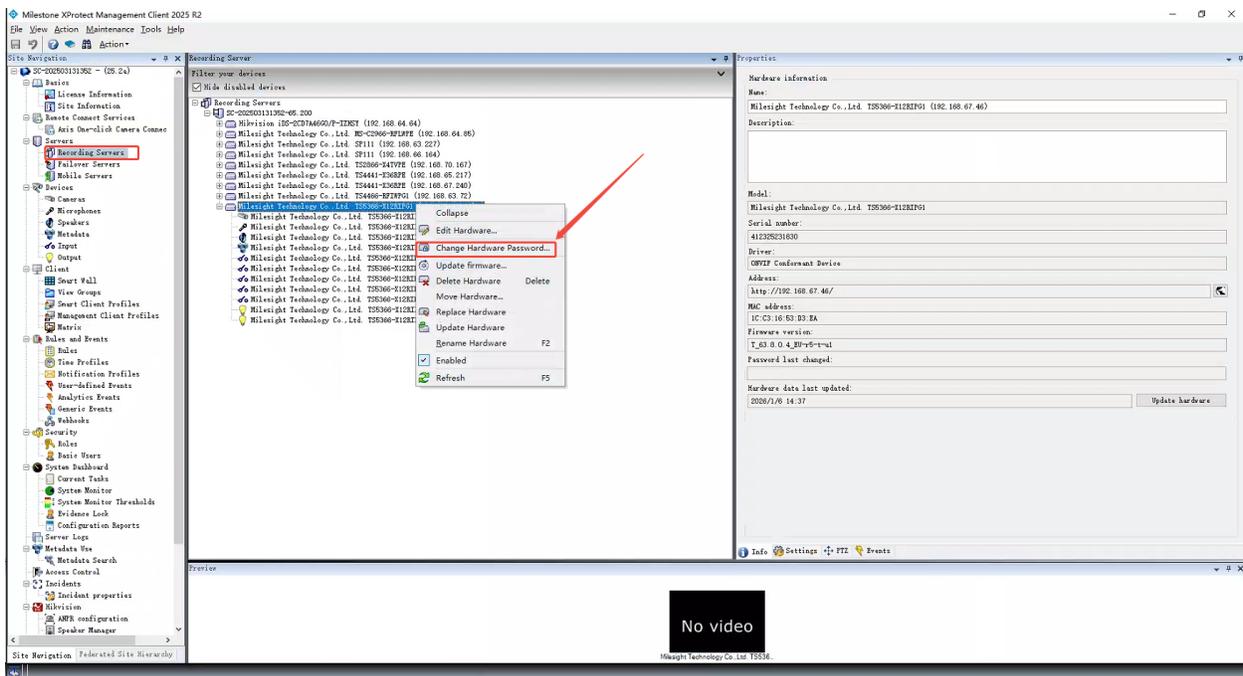
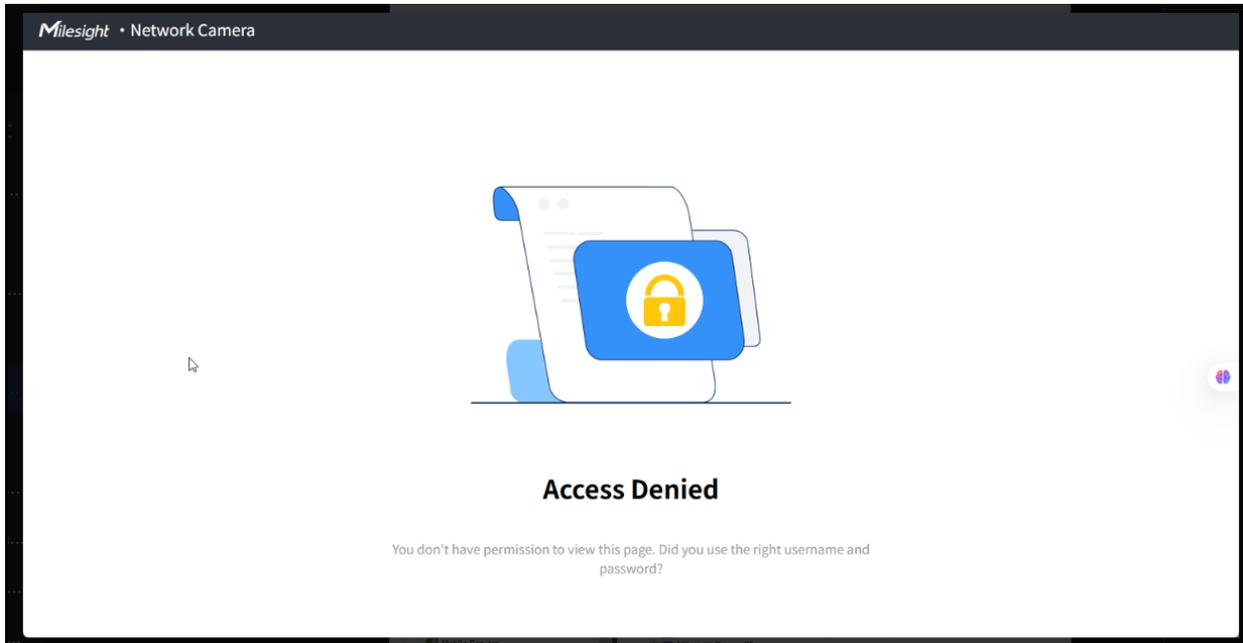


Step 3: Logout and change password.

1. To log out, click the **Logout** button and you will be redirected to the logged out page.

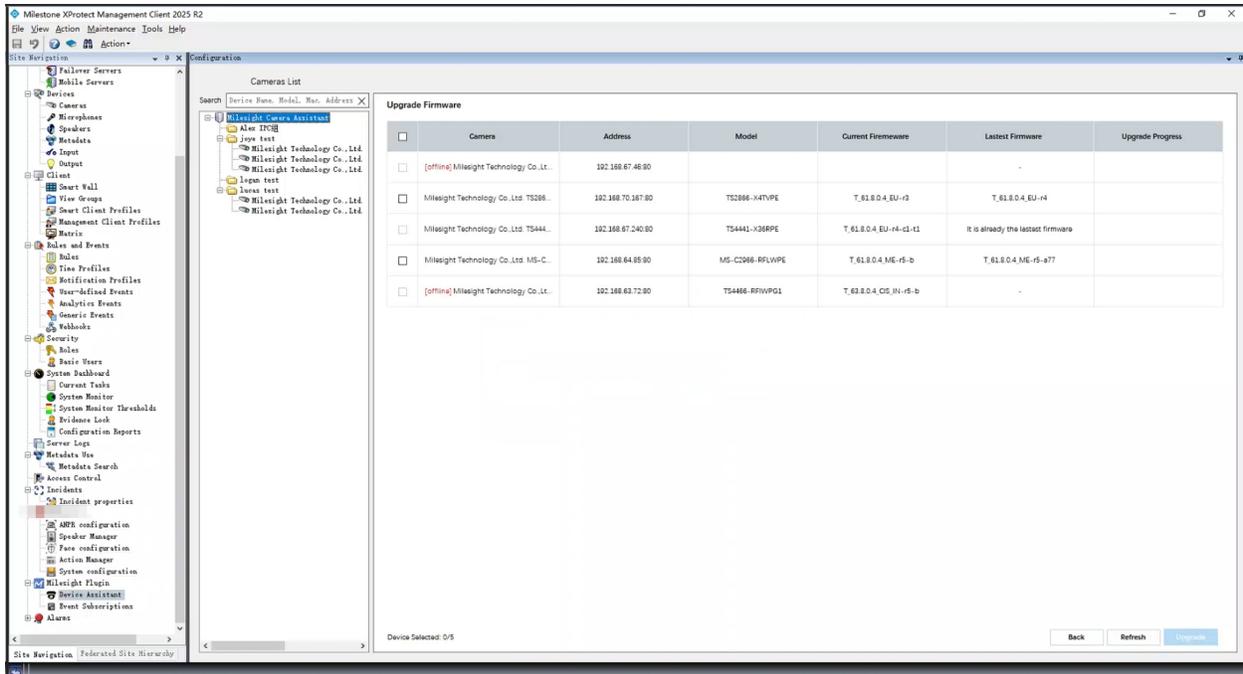
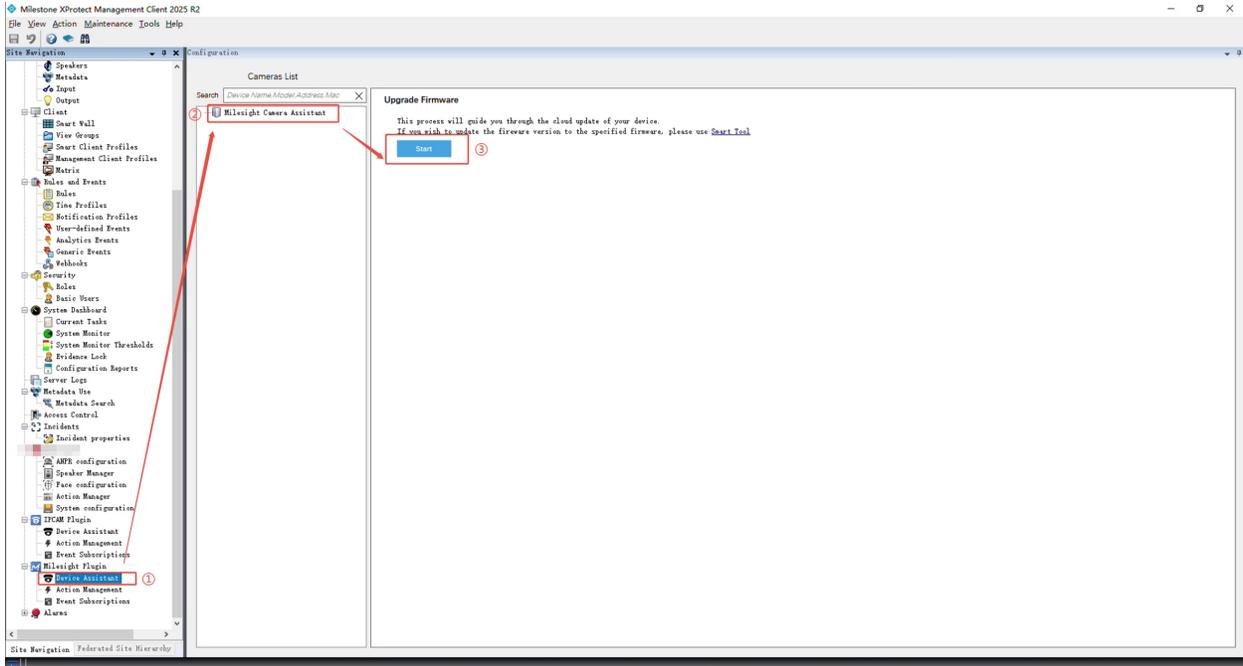


2. When the camera password is changed, an "Access Denied" page will be displayed. You can modify the device password or re-add the device in Milestone XProtect, and then follow the steps above to access the browser for password-free login.



8.2 Firmware Cloud Update

Step 1: Navigate to "Device Assistant", click **Milesight Camera Assistant**, and then click **Start** to retrieve the camera model, current firmware version, and the latest firmware version available in the cloud. The display is as follows:



Step 2: Select the devices you want to upgrade, then click



The screenshot shows the 'Upgrade Firmware' window in the Milestone XProtect Management Client. The window is titled 'Cameras List' and contains a table with the following columns: Camera, Address, Model, Current Firmware, Latest Firmware, and Upgrade Progress. The table lists several cameras, with three selected for upgrade. A red box highlights the 'Upgrade' button at the bottom right of the window.

Camera	Address	Model	Current Firmware	Latest Firmware	Upgrade Progress
<input type="checkbox"/> [offline] Milesight Technology Co. Ltd.	192.168.67.46:80			-	
<input checked="" type="checkbox"/> Milesight Technology Co. Ltd. TS286...	192.168.70.167:80	TS2866-K4TVPE	T.61.8.0.4_EU-r3	T.61.8.0.4_EU-r4	<div style="width: 50%;"></div>
<input type="checkbox"/> Milesight Technology Co. Ltd. TS444...	192.168.67.240:80	TS4441-K36RPE	T.61.8.0.4_EU-r4-g1-g1	It is already the latest firmware	
<input checked="" type="checkbox"/> Milesight Technology Co. Ltd. MS-C...	192.168.64.95:80	MS-CC366-RFLWPE	T.61.8.0.4_ME-r5-b	T.61.8.0.4_ME-r5-r77	<div style="width: 50%;"></div>
<input type="checkbox"/> [offline] Milesight Technology Co. Ltd.	192.168.63.72:80	TS4466-RFIVPQ1	T.63.8.0.4_CS_IN-r5-b	-	

Device Selected: 2/5

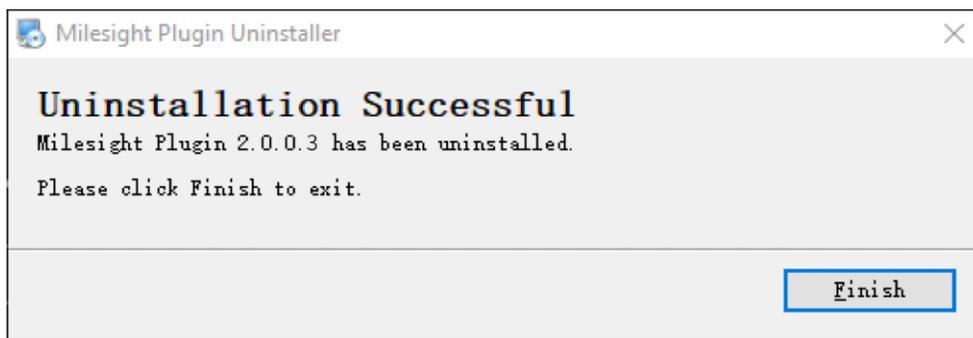
Buttons: Back, Refresh, Upgrade (highlighted with a red box and a circled '2')

Chapter 9. Uninstall

Uninstall Milesight plugin

[Windows]

Before uninstallation, first check if any Milestone components are being used. If no components are in use, proceed directly with the uninstallation process. Upon completion, a success popup will be displayed.



Chapter 10. Services

Milesight provides customers with timely and comprehensive technical support services. End-users can contact your local dealer to obtain technical support. Distributors and resellers can contact directly with Milesight for technical support.

Technical Support Mailbox: support@milesight.com

Web: <https://www.milesight.com>

Online Problem Submission System: <https://www.milesight.com/service/feedback.asp>

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