



FEATURE GUIDE:

IP5MPTZ-4XAD-NCV

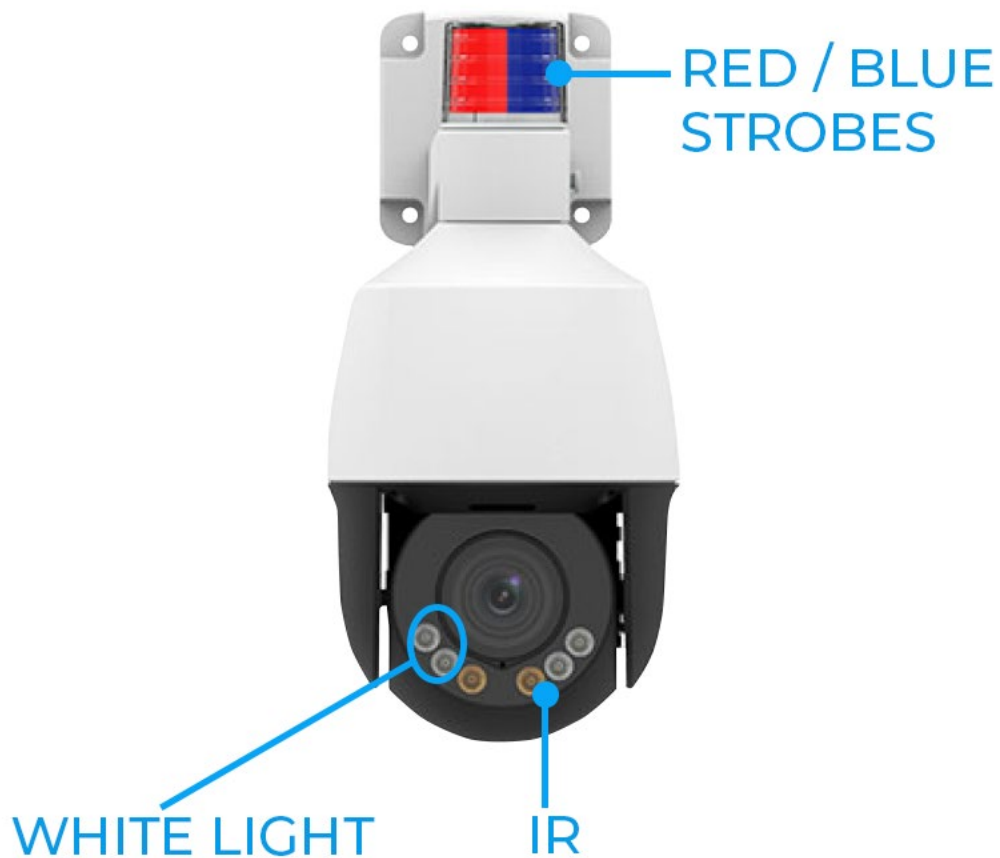




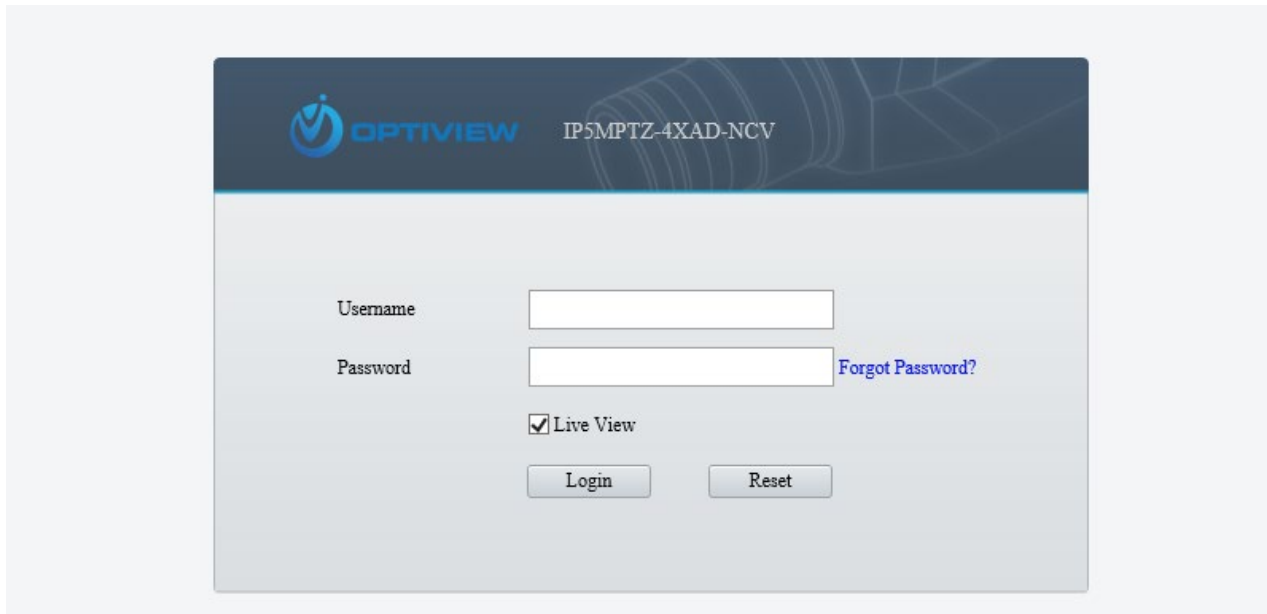
Table of Contents

- How to Set PTZ Home Position.....3
- Exposure Settings.....7
- Smart Illumination Settings.....9
- Intelligent Settings – Cross Line.....12
- Intelligent Settings – Enter Area.....17
- Intelligent Settings – Leave Area.....21
- Intelligent Settings – Intrusion Zone.....26
- Intelligent Settings – Auto Tracking.....30
- Event Settings – Motion Detection.....34
- Trigger Actions, Plan and FTP.....38
- SD Card.....44

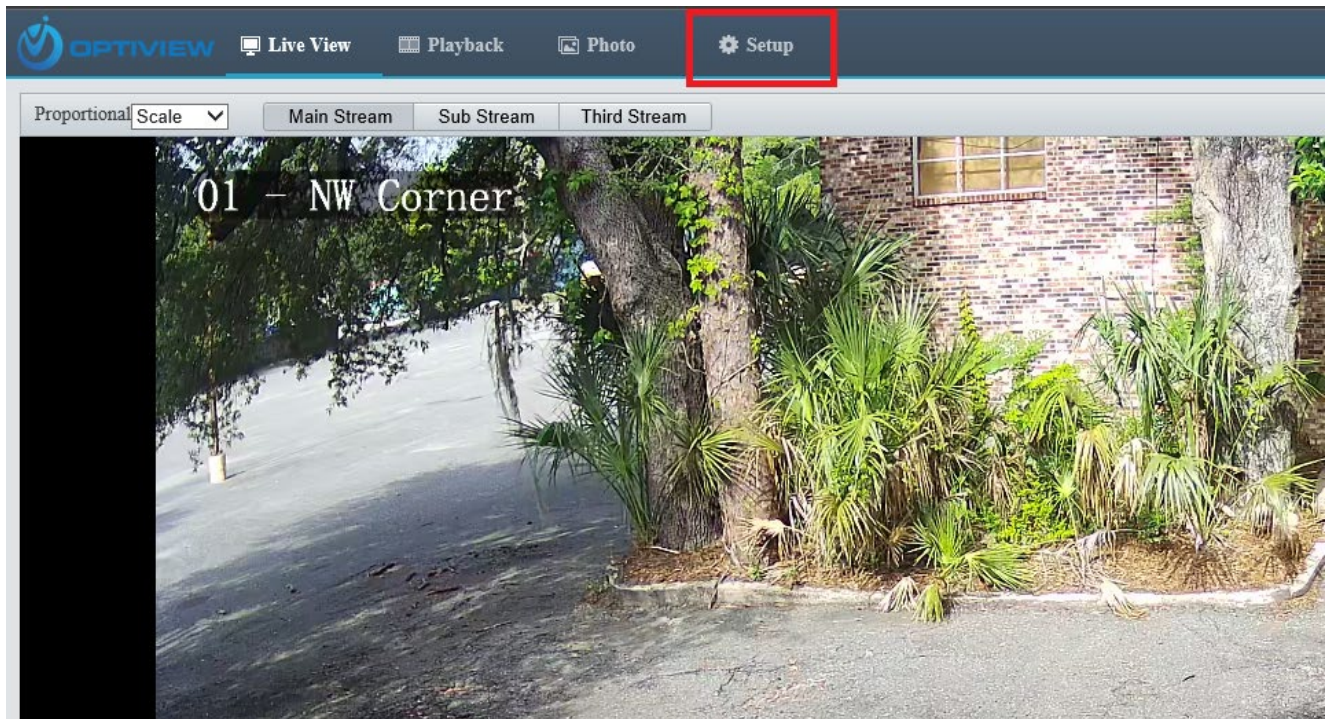


How to Set PTZ Home Position

1. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:

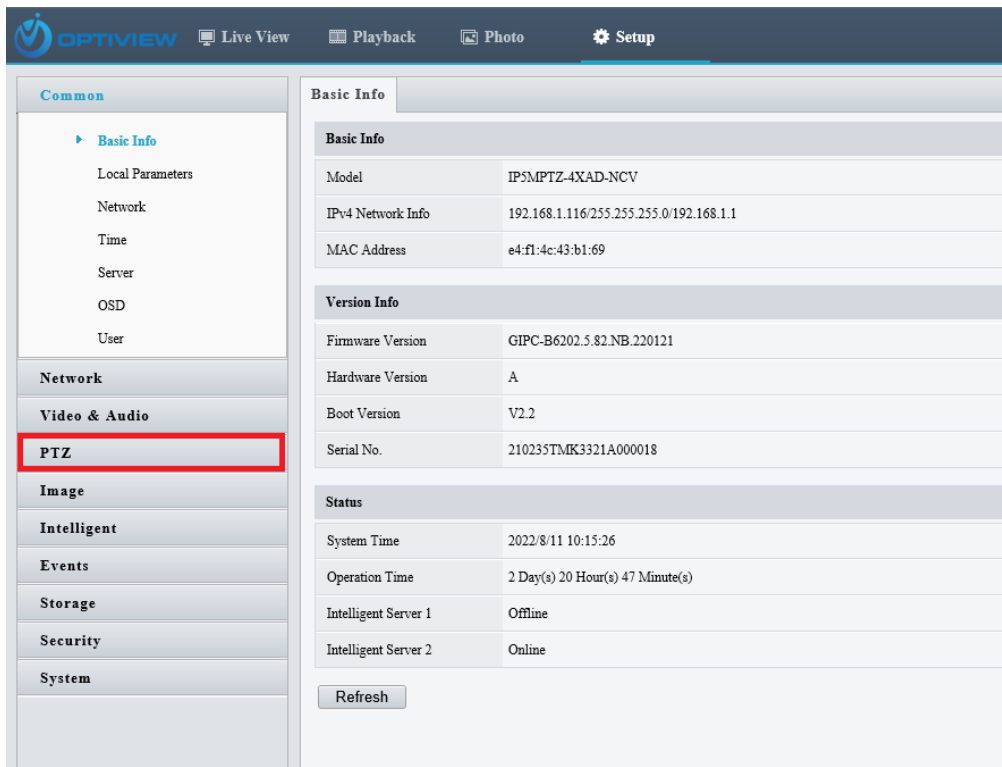


2. Once logged in, click "Setup" at the top of the screen:

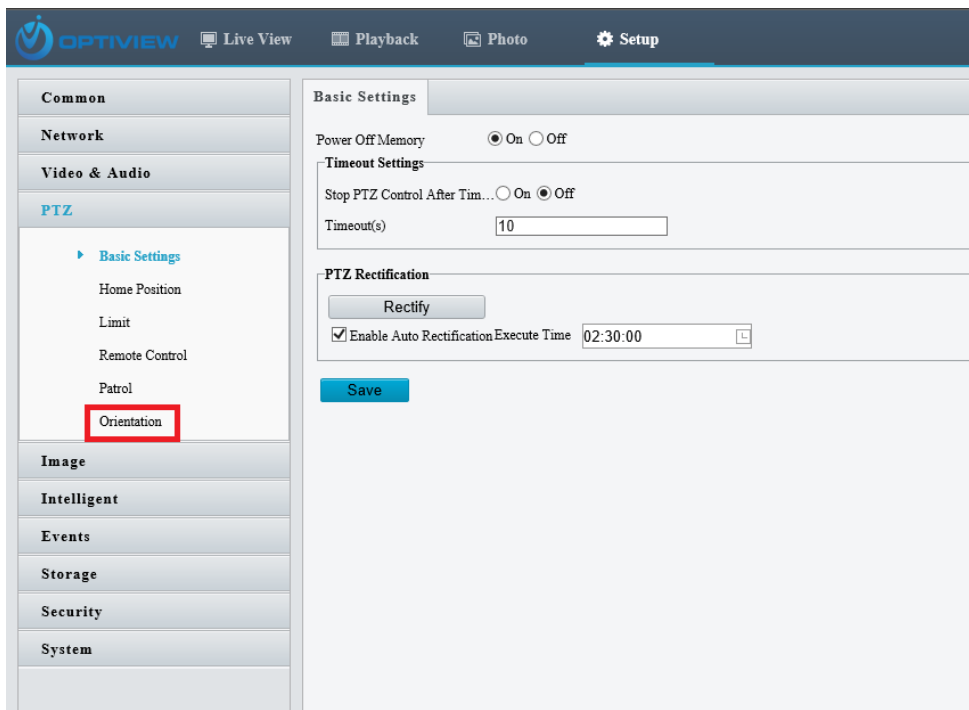




3. Next, click “PTZ” from the left side menu:

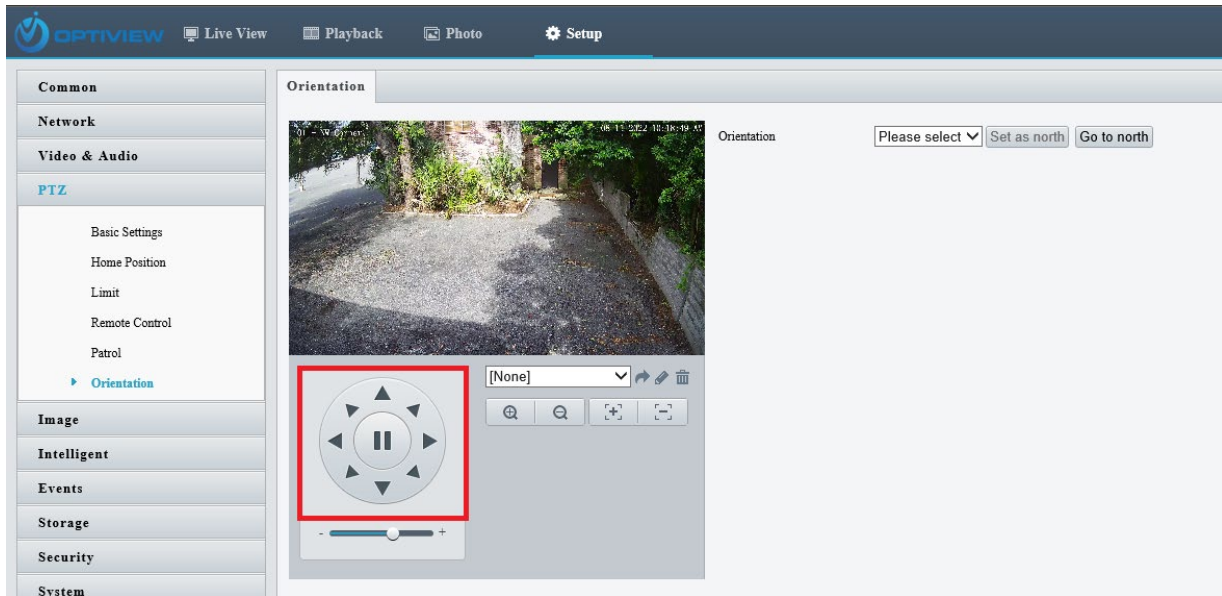


4. Click “Orientation” on the PTZ menu side bar:

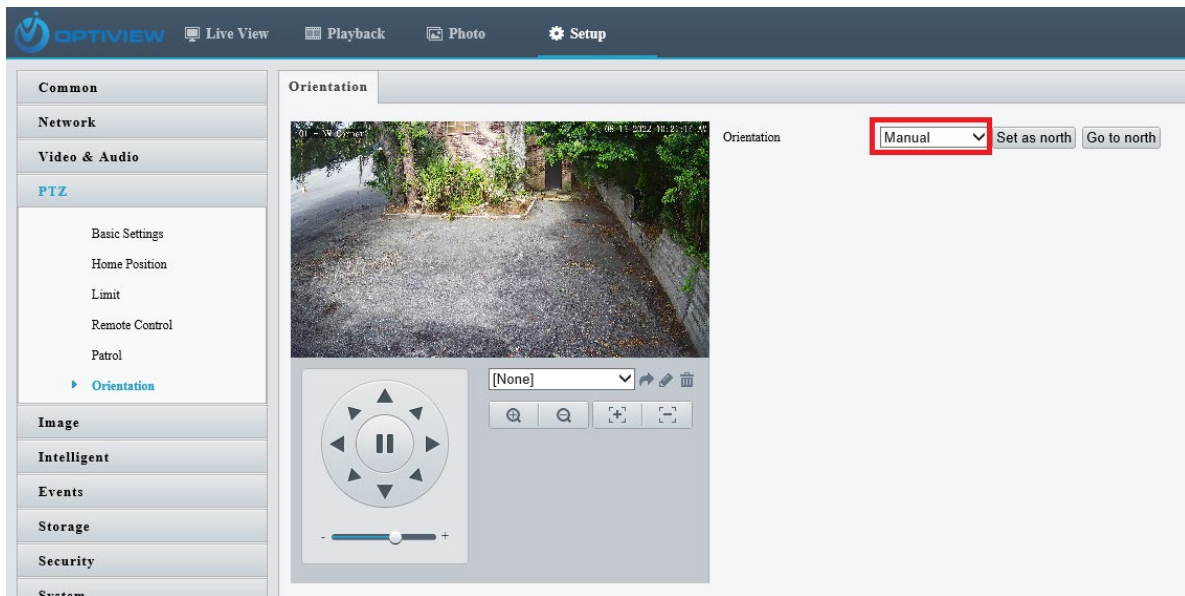




5. Use the controls to move the camera into the position you would like it to be set at:

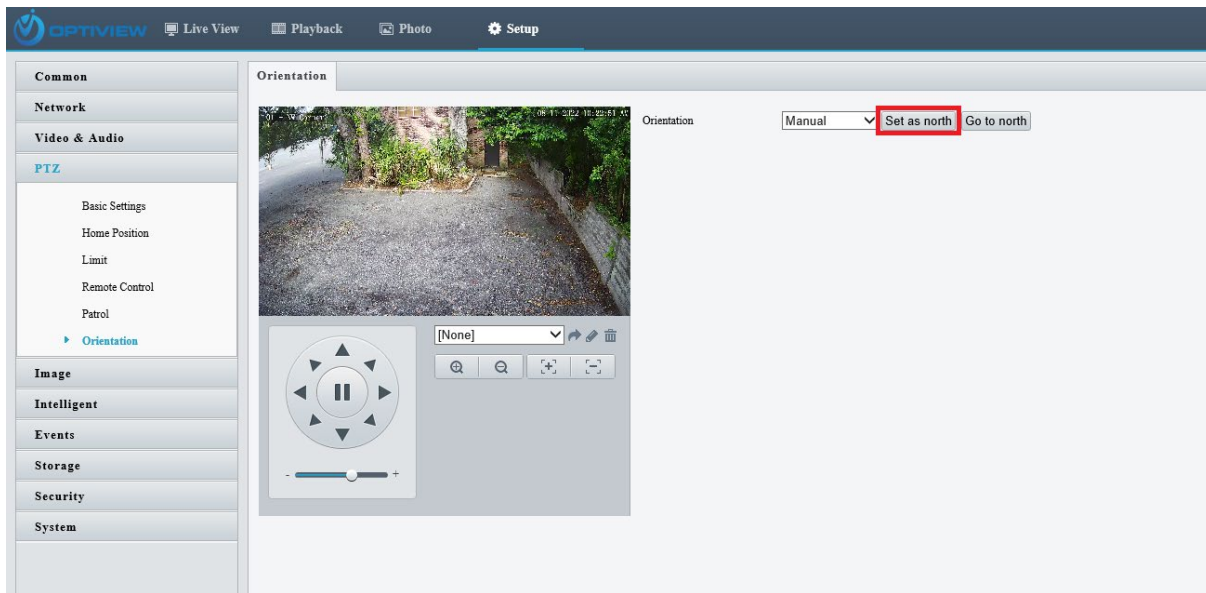


6. Once the camera is positioned how you want it, click the drop down arrow associated with the “Orientation” box on the right of the view window and change it to “Manual”:

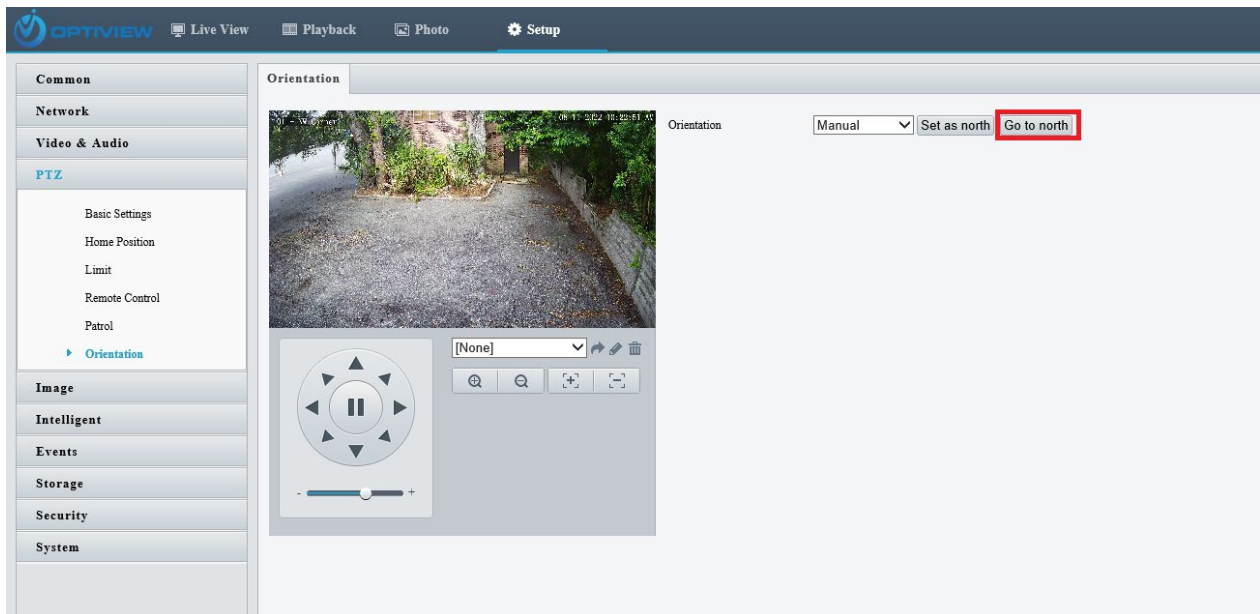




7. Click the “Set as North” button to the right of the drop down menu:



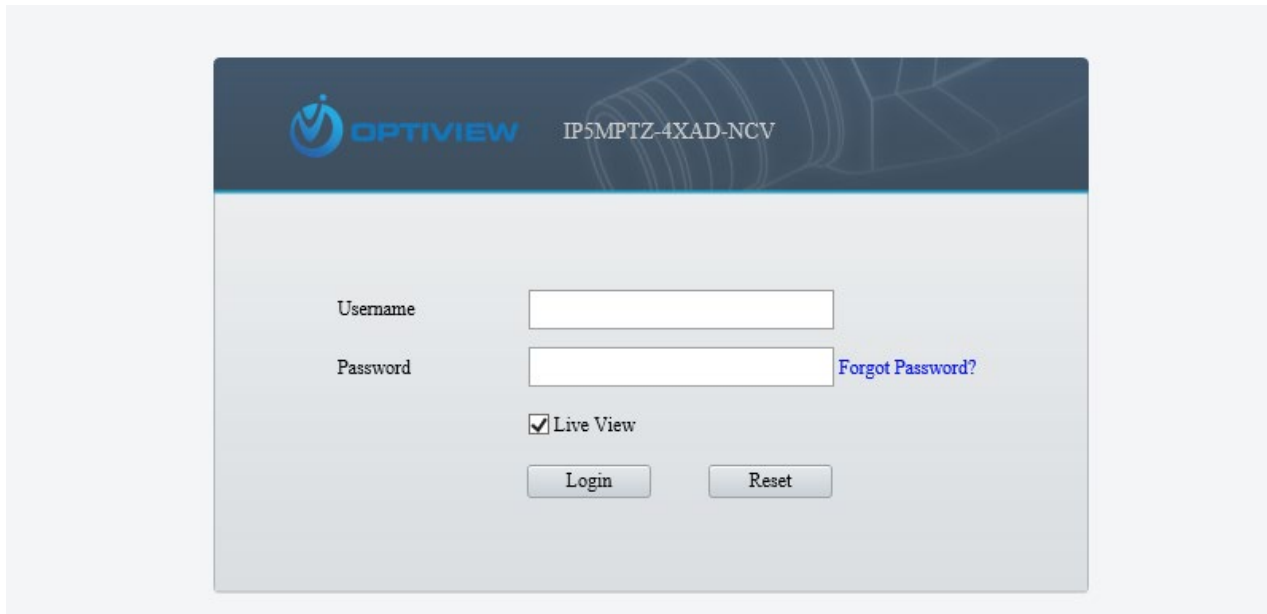
8. Your Home Position is now set and if you need to manually command the camera back to north click the “Go to North” button:



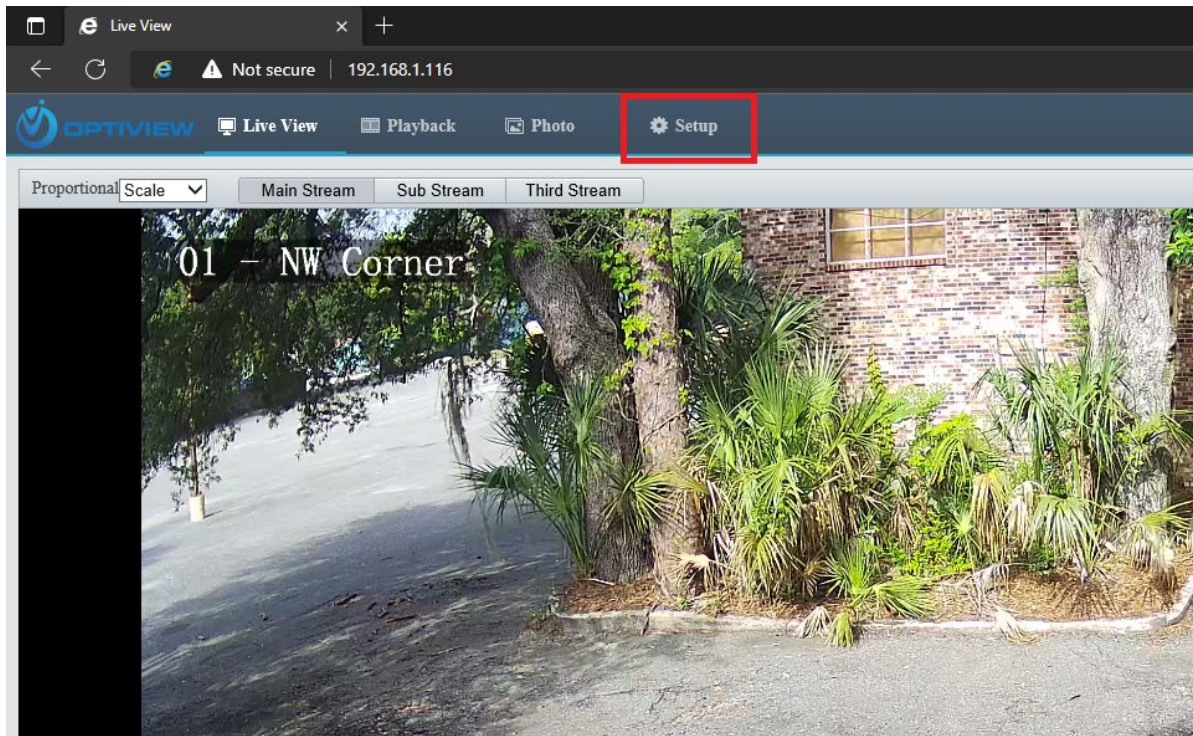


Exposure Settings

1. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:

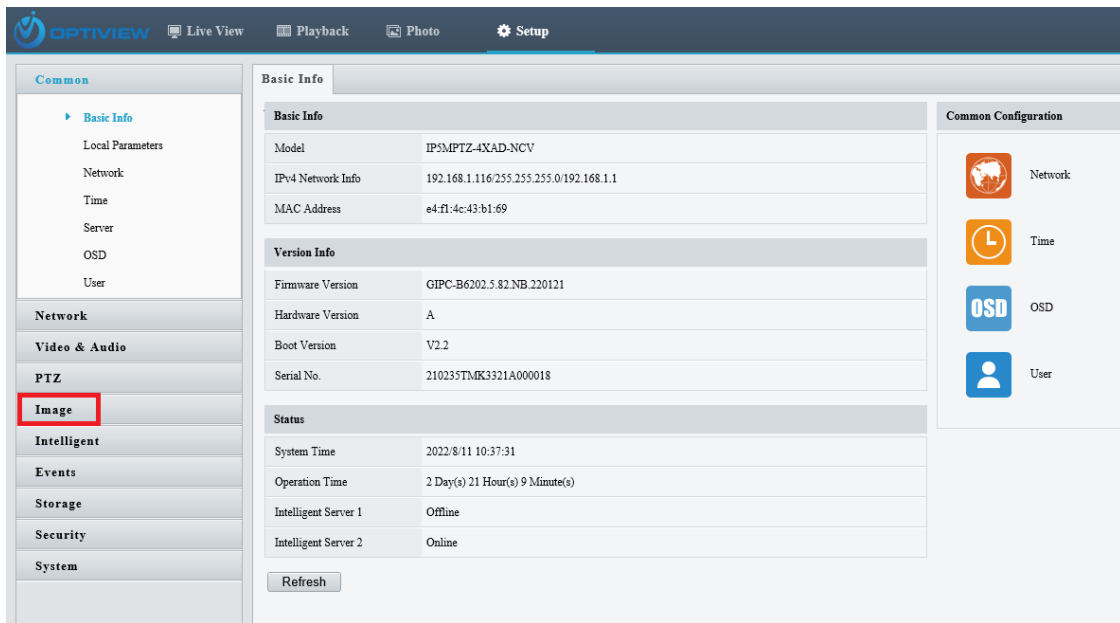


2. Once logged in, click "Setup" at the top of the screen:

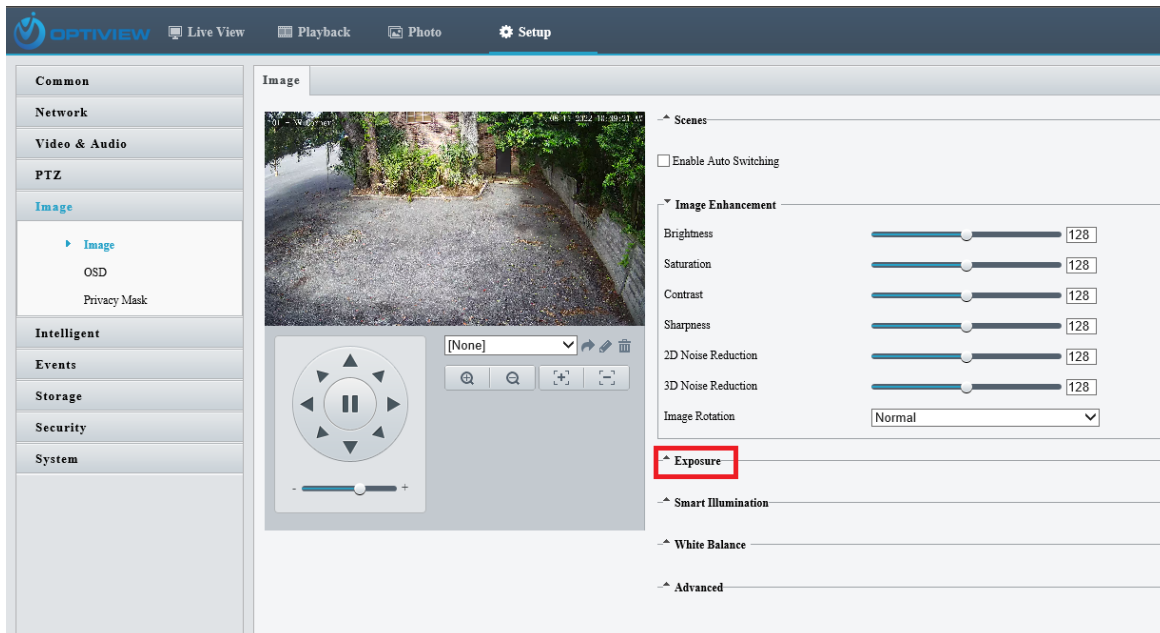




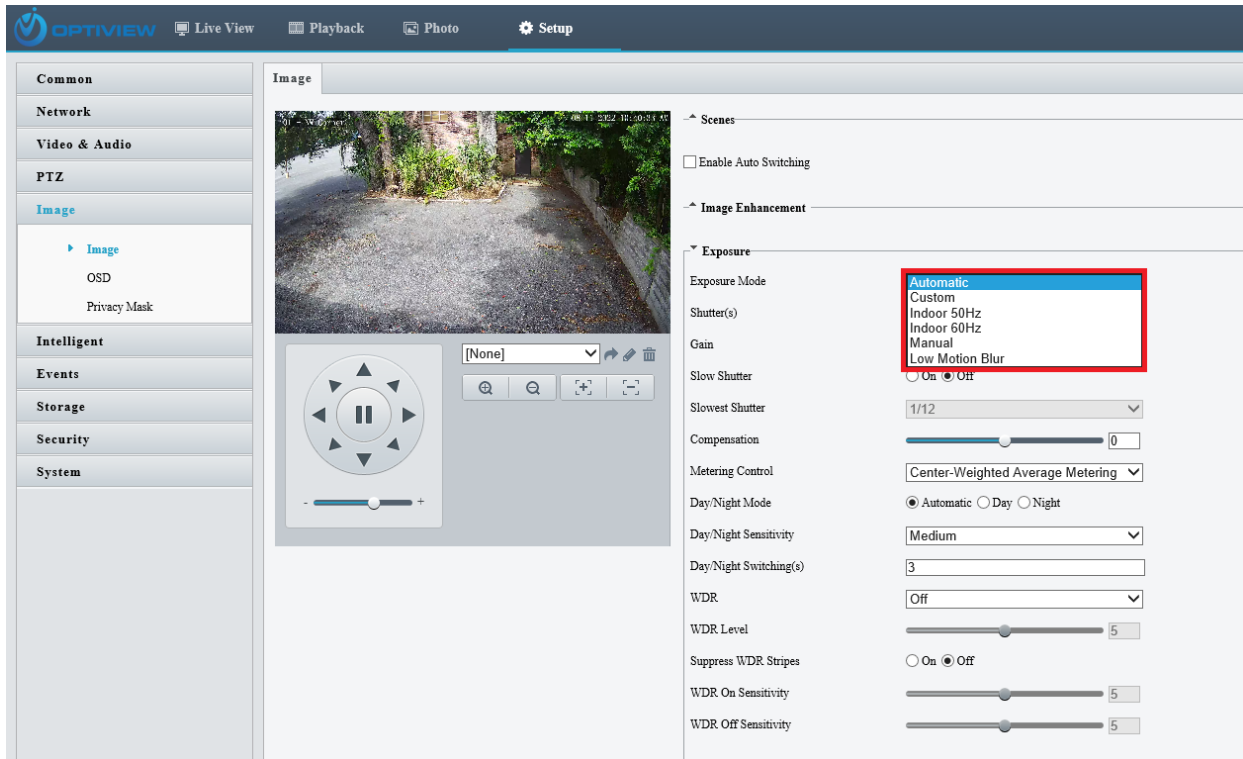
3. Click “Image” on the left side menu:



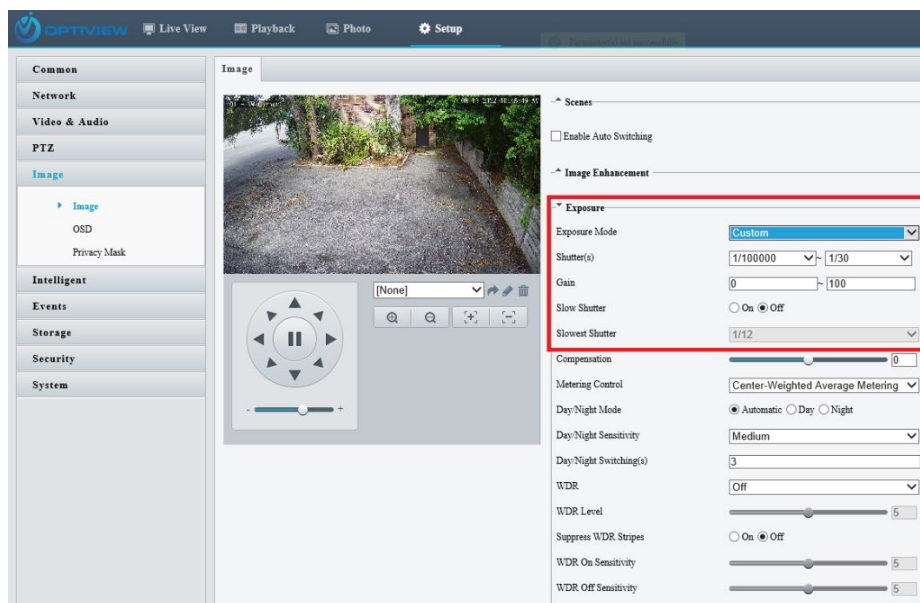
4. Click “Exposure” on the lower right side of the view window:



- Click the drop down menu associated with “Exposure Mode” and take note of the different settings listed. You can choose between different automatic and manual settings:



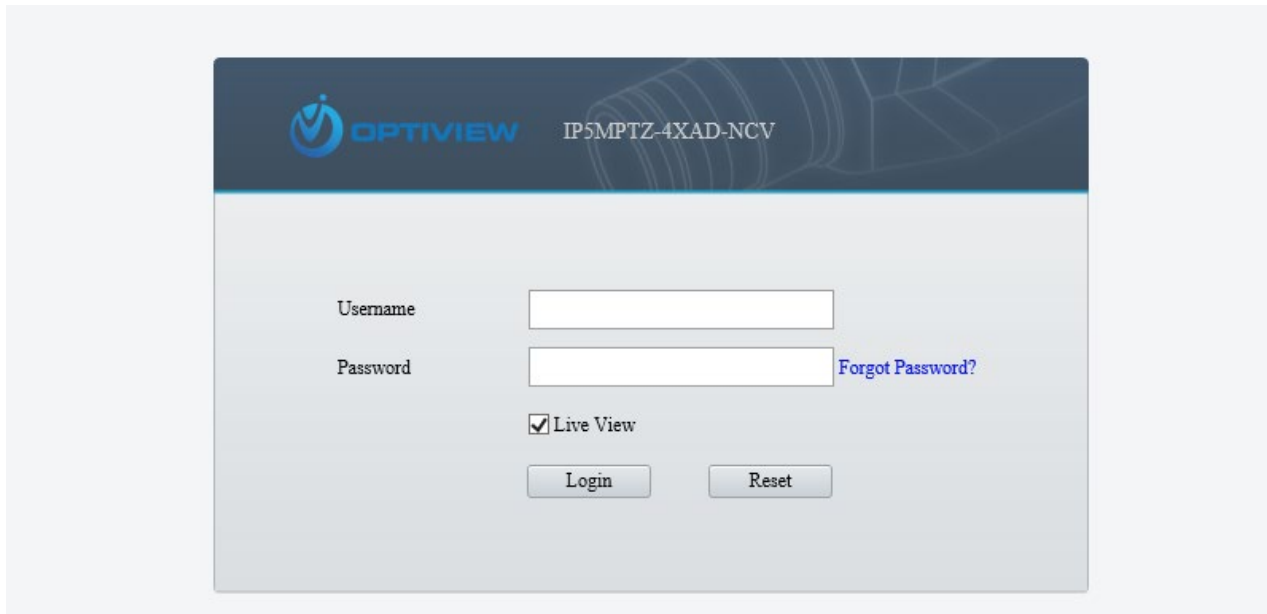
- To edit your shutter and gain settings, change to a “Custom” or “Manual” Exposure Mode:



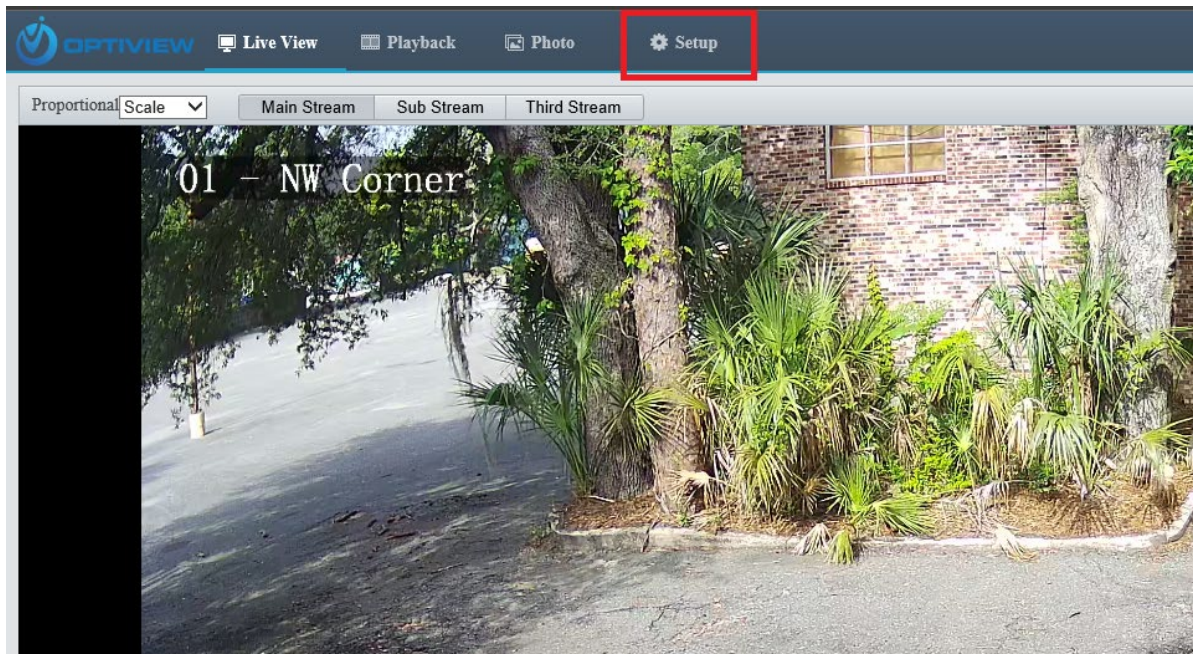


Smart Illumination Settings

1. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:

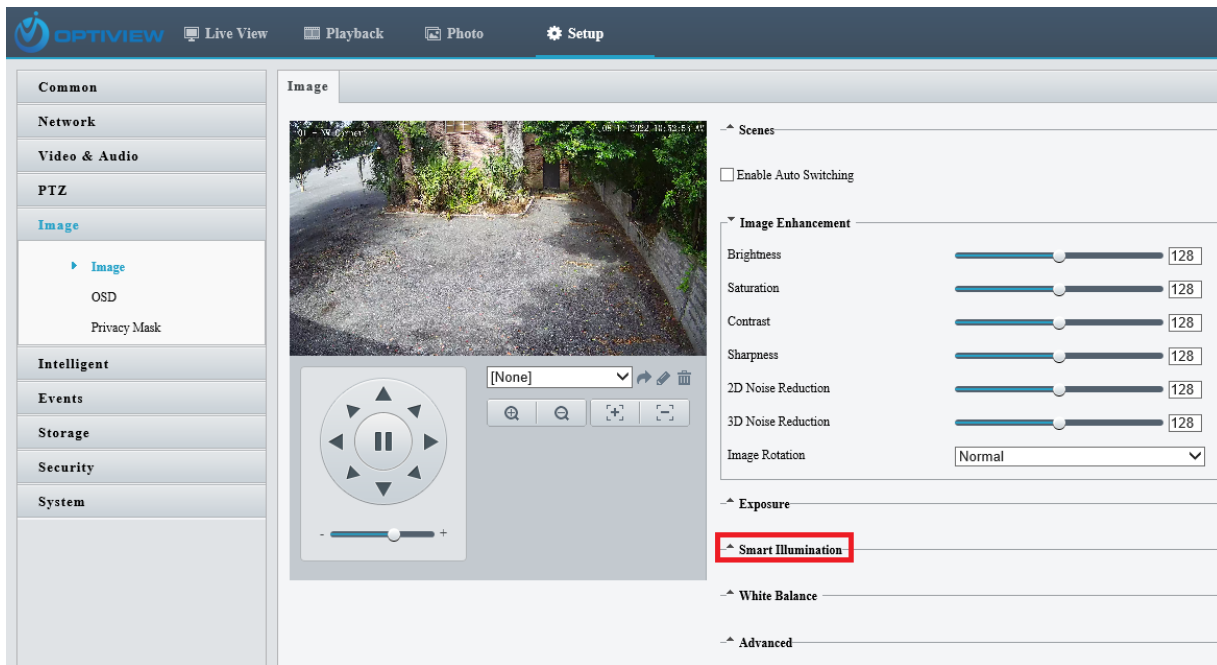


2. Once logged in, click "Setup" at the top of the screen:

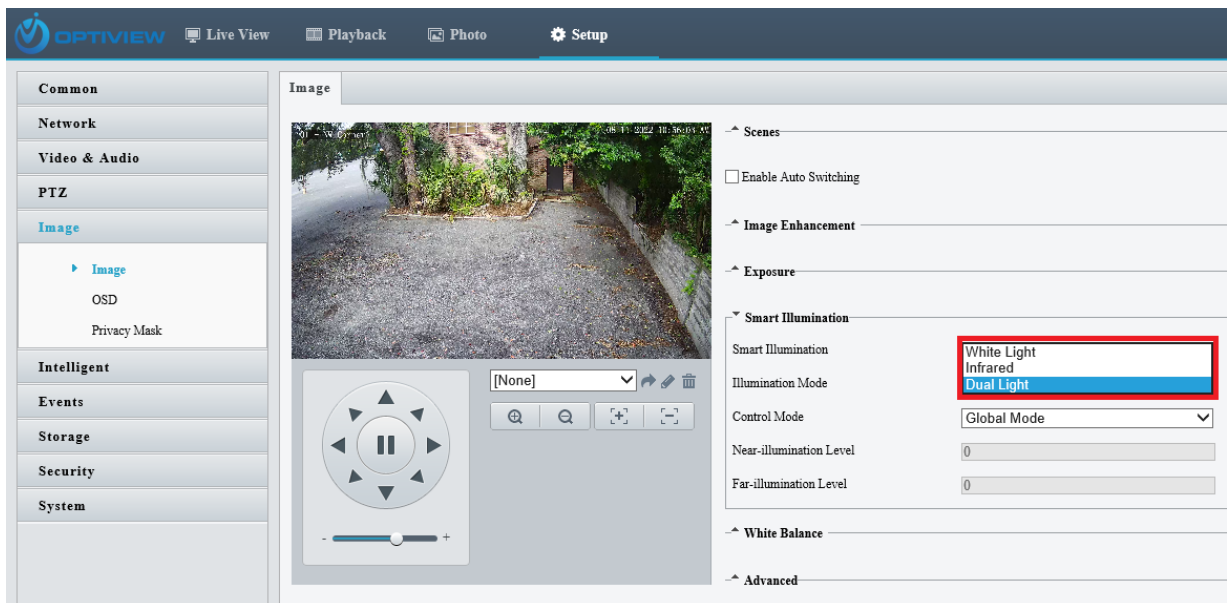




3. Click “Smart Illumination” on the lower right side of the view window:



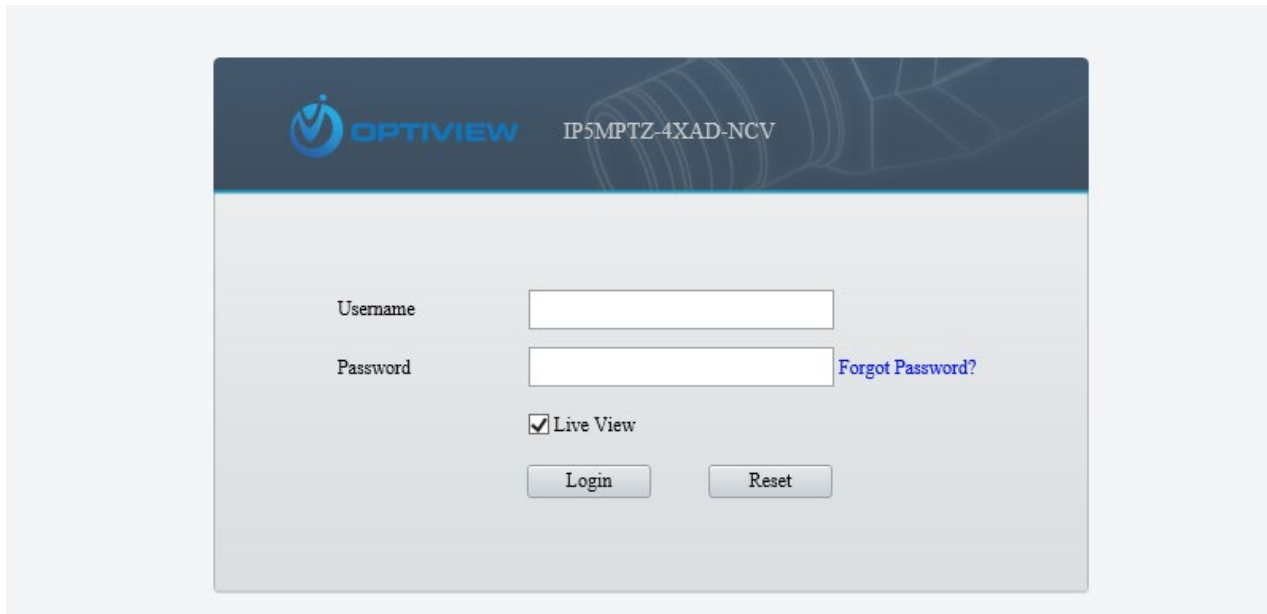
4. Click the “Illumination Mode” drop down menu and select your illumination mode. You can select between “White Light”, “Infrared” or both with the “Dual Light” setting:



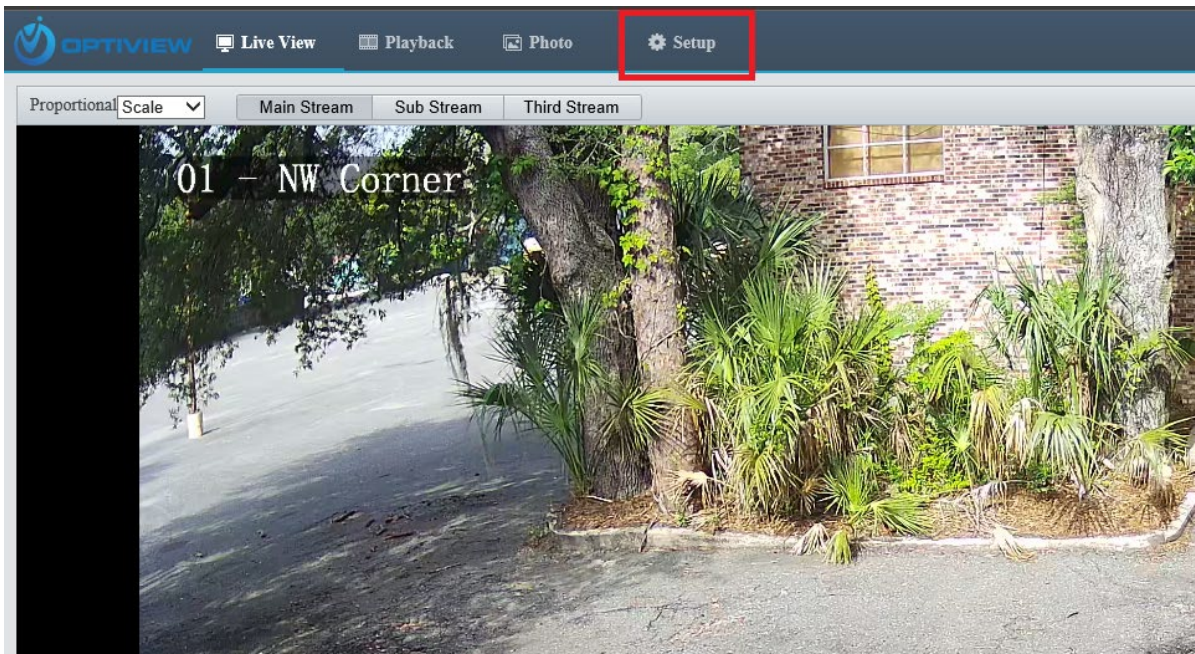


Intelligent Settings – Cross Line

1. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:

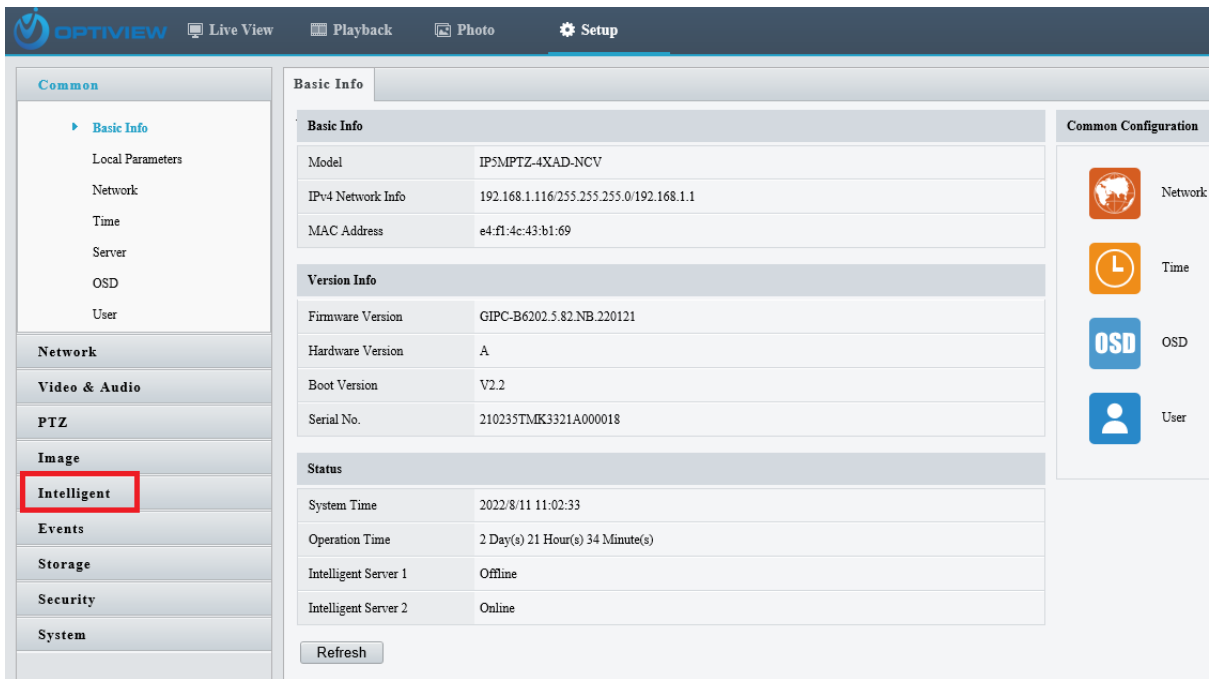


2. Once logged in, click “Setup” at the top of the screen:

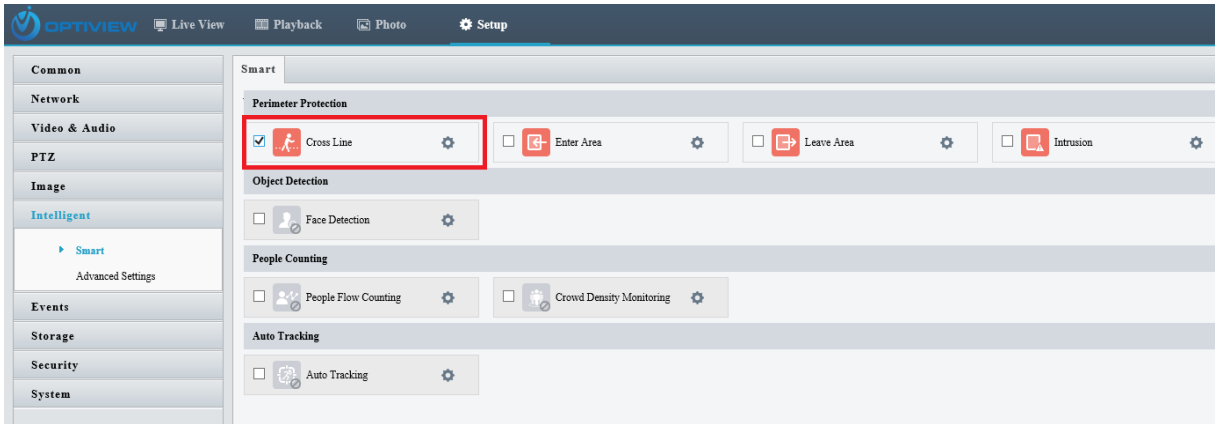




3. Click “Intelligent” on the left side menu:

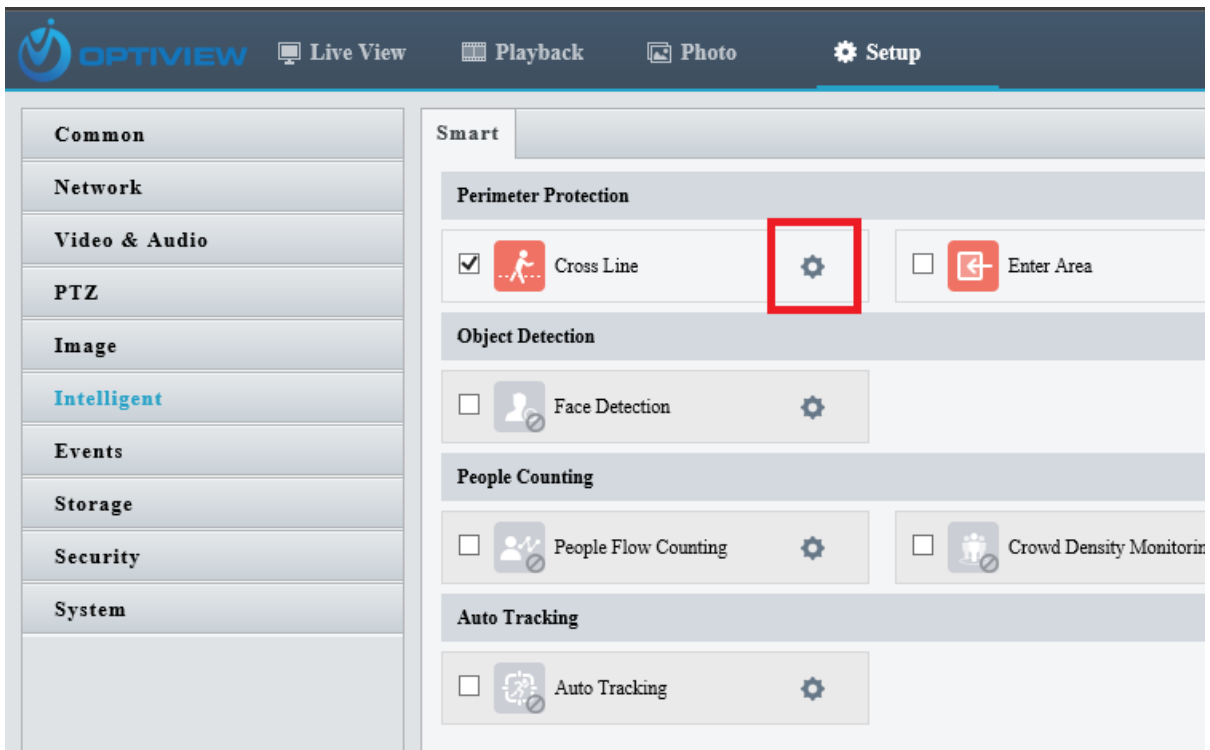


4. Click the box next to “Cross Line” to enable Cross Line detection. Enabling anything in Perimeter Protection will disable any Smart feature outside of Perimeter Protection. This is standard across all NCV intelligent cameras:

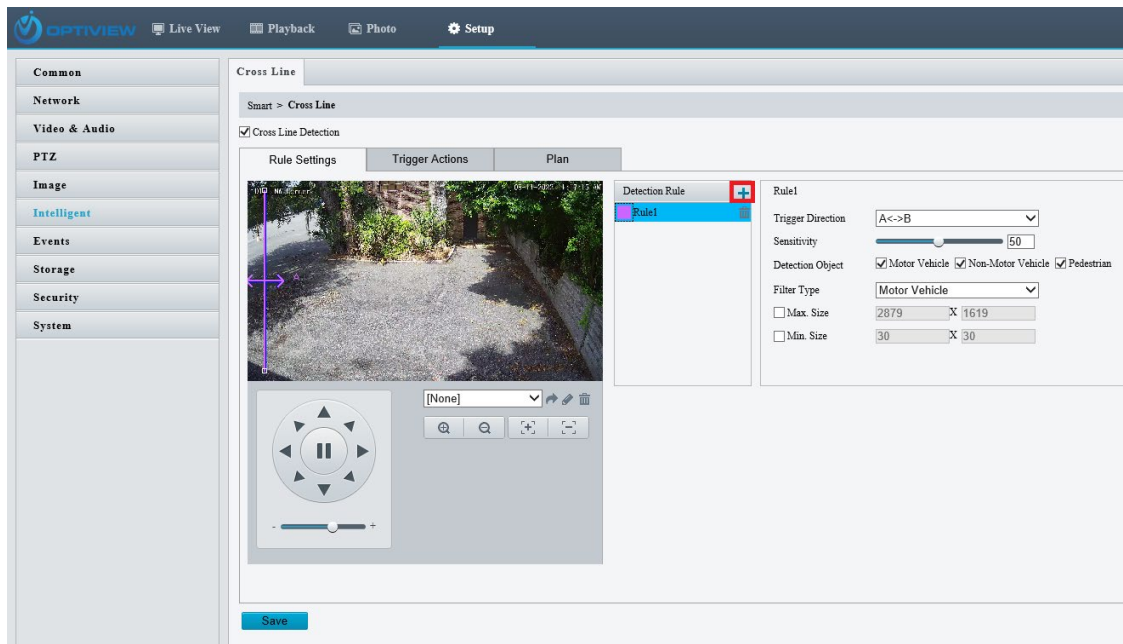




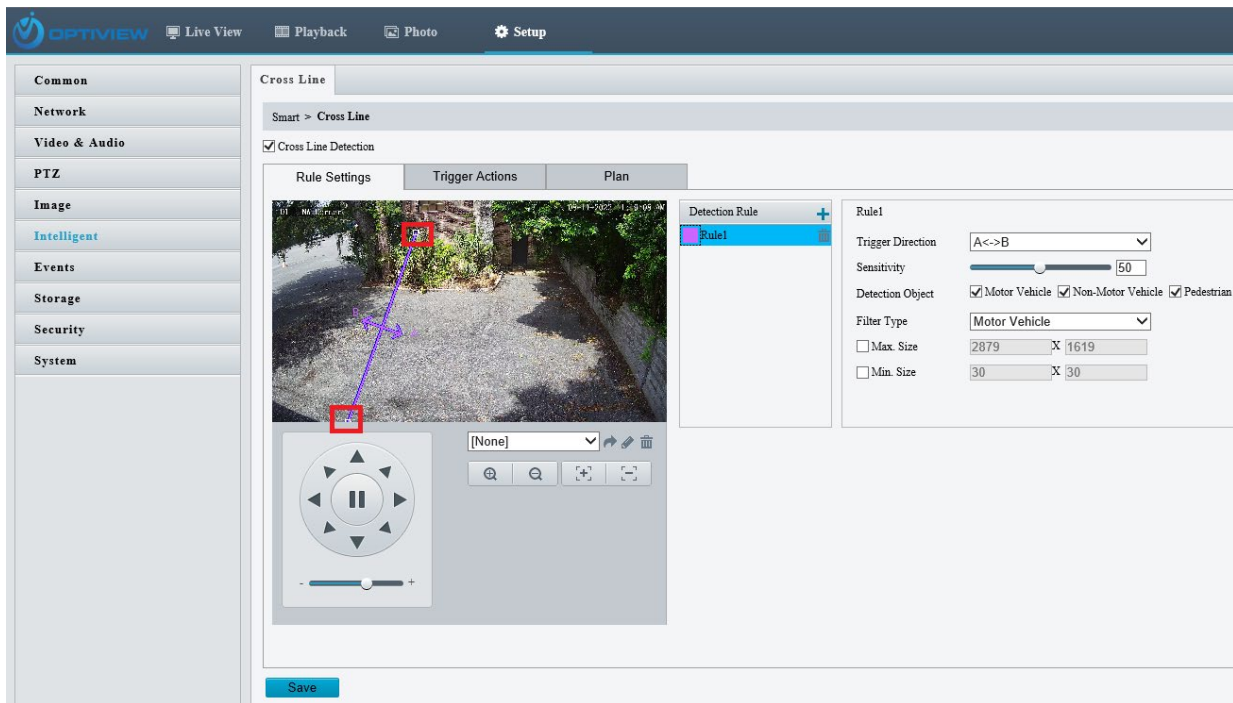
5. Click the gear next to “Cross Line” to edit the Cross Line settings:



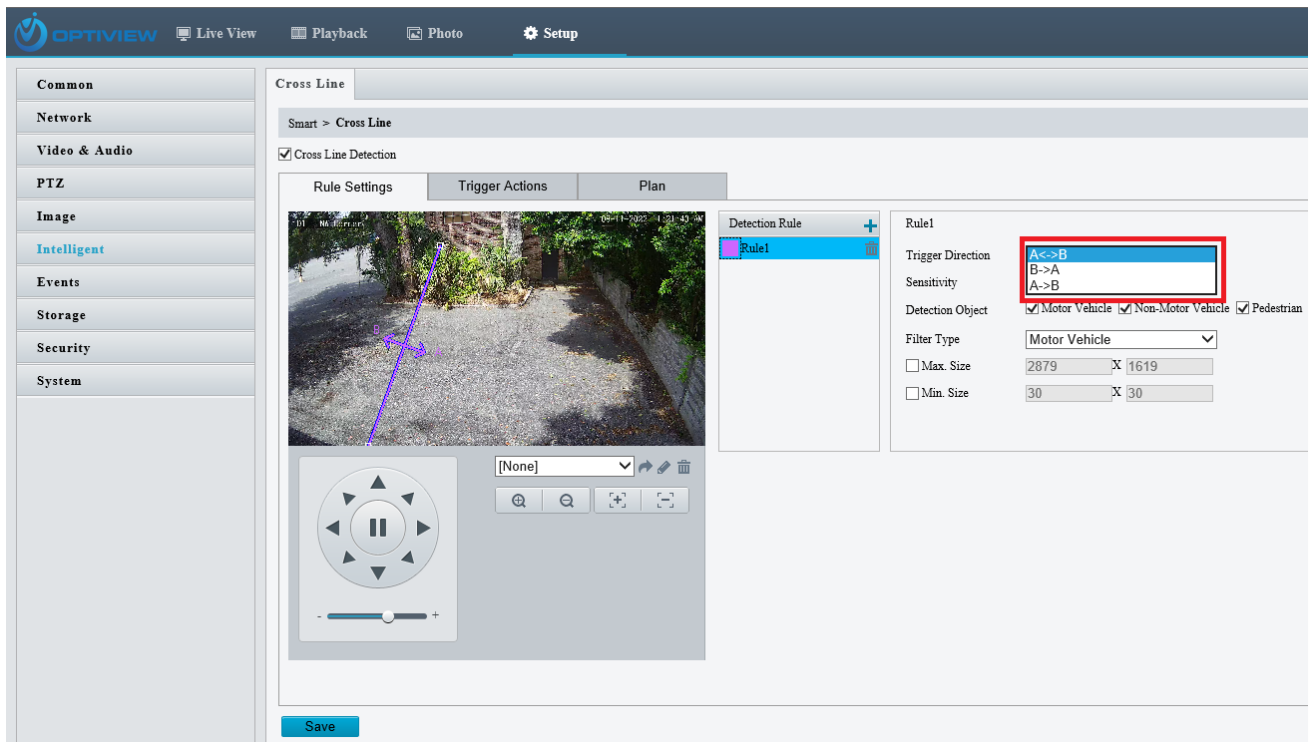
6. Click the “+” next to “Detection Rule”. This will add a line with arrows that you will edit next:



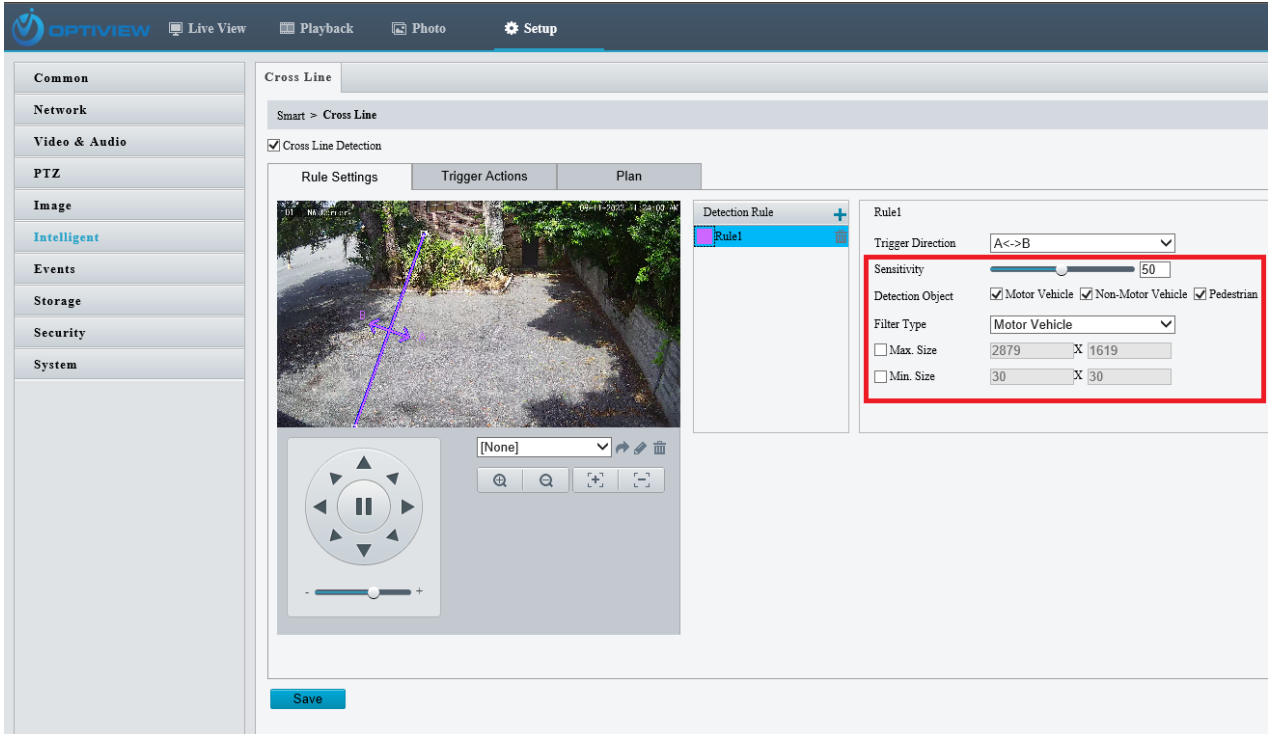
7. Click the ends of the arrow the adjust the line where you want it:



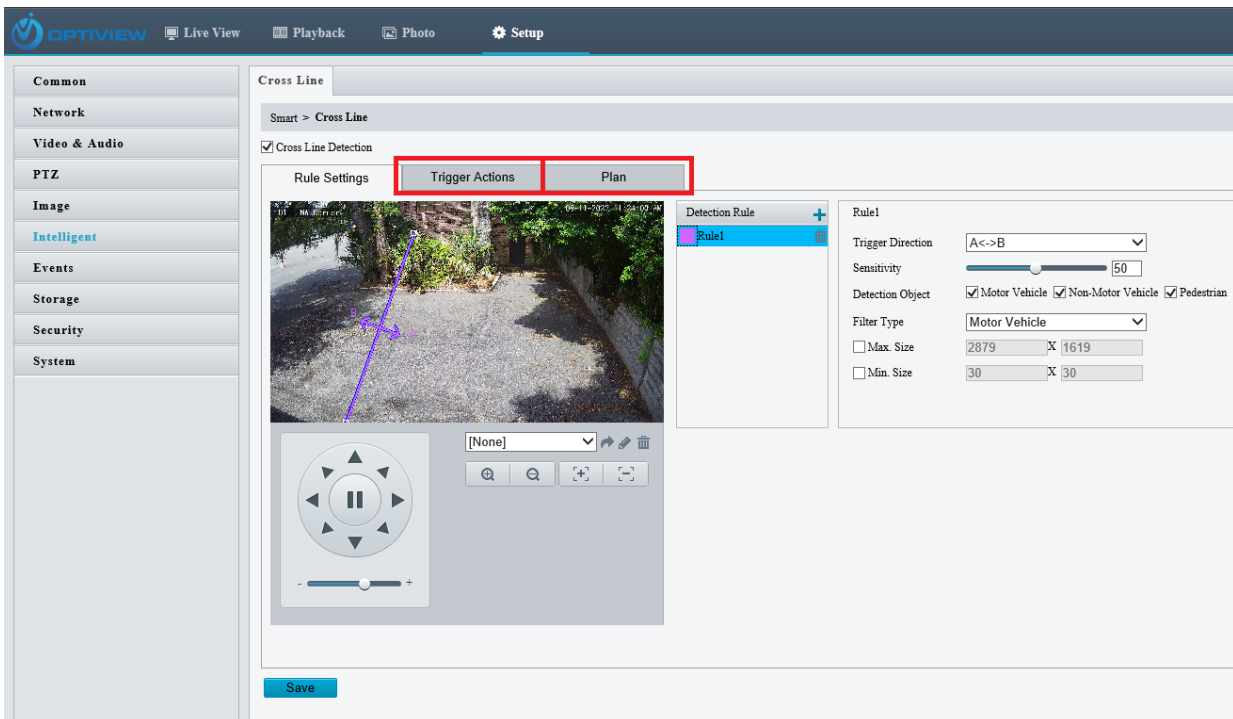
8. On the right side menu, click the drop down menu associated with “Trigger Detection” to change which direction trips the Cross Line detection:



9. Below the Trigger Detection drop down menu, you can change the sensitivity of the Cross Line detection as well as change and filter the detection type:



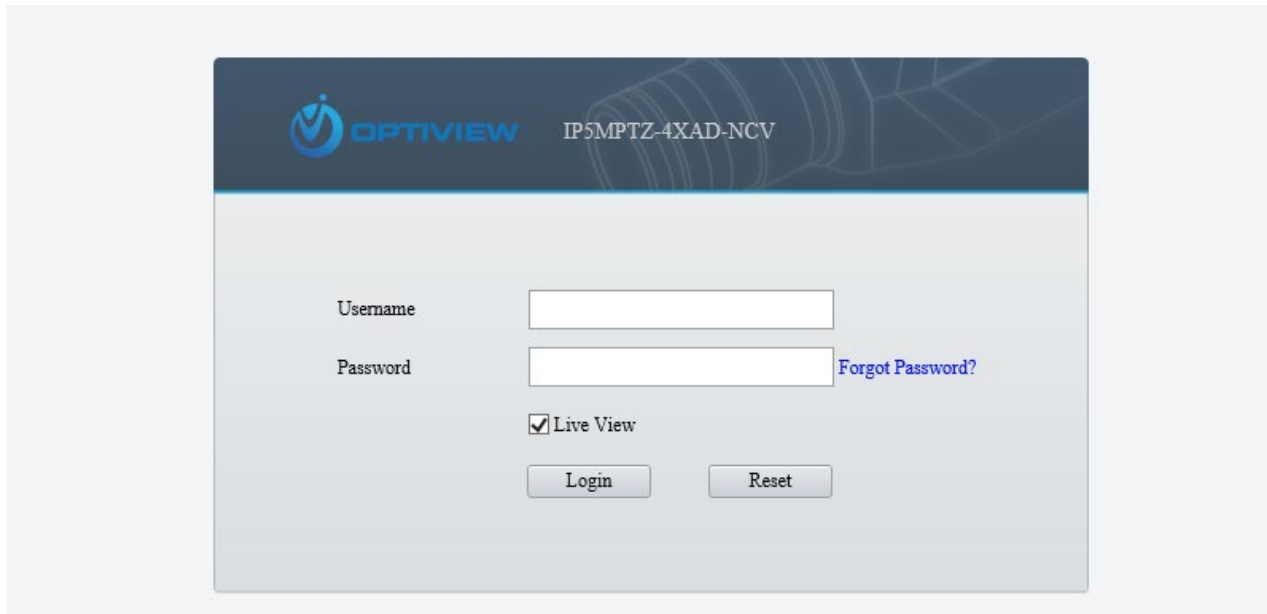
10. For “Trigger Actions” and “Plan” settings, see page .



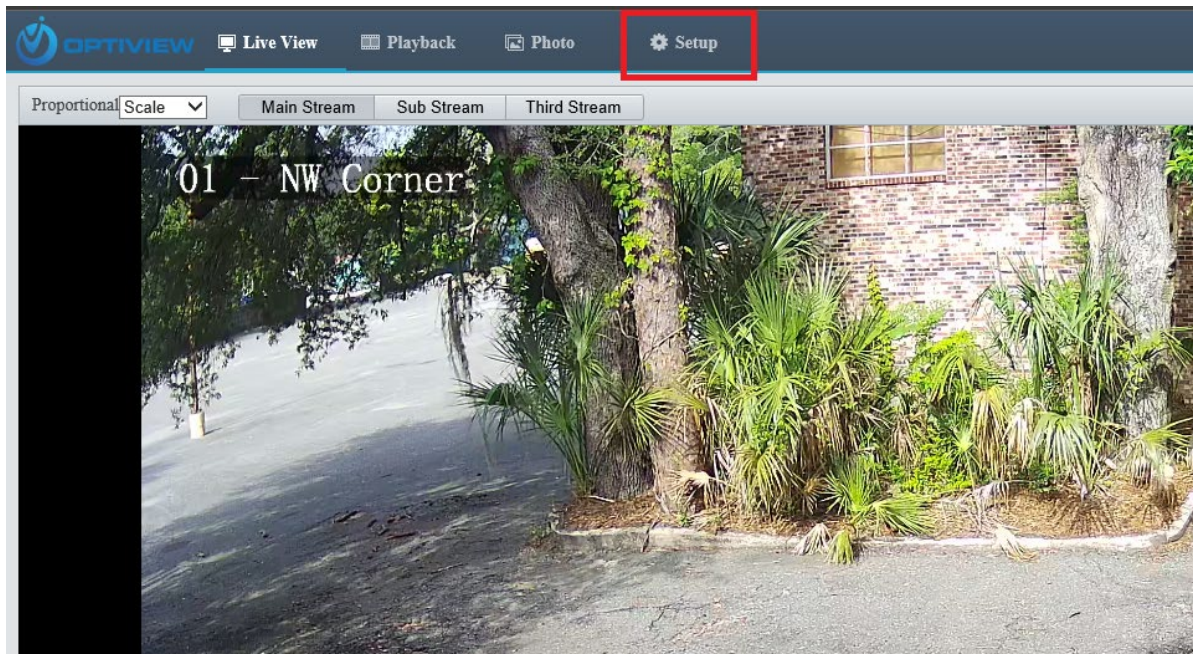


Intelligent Settings – Enter Area

1. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:

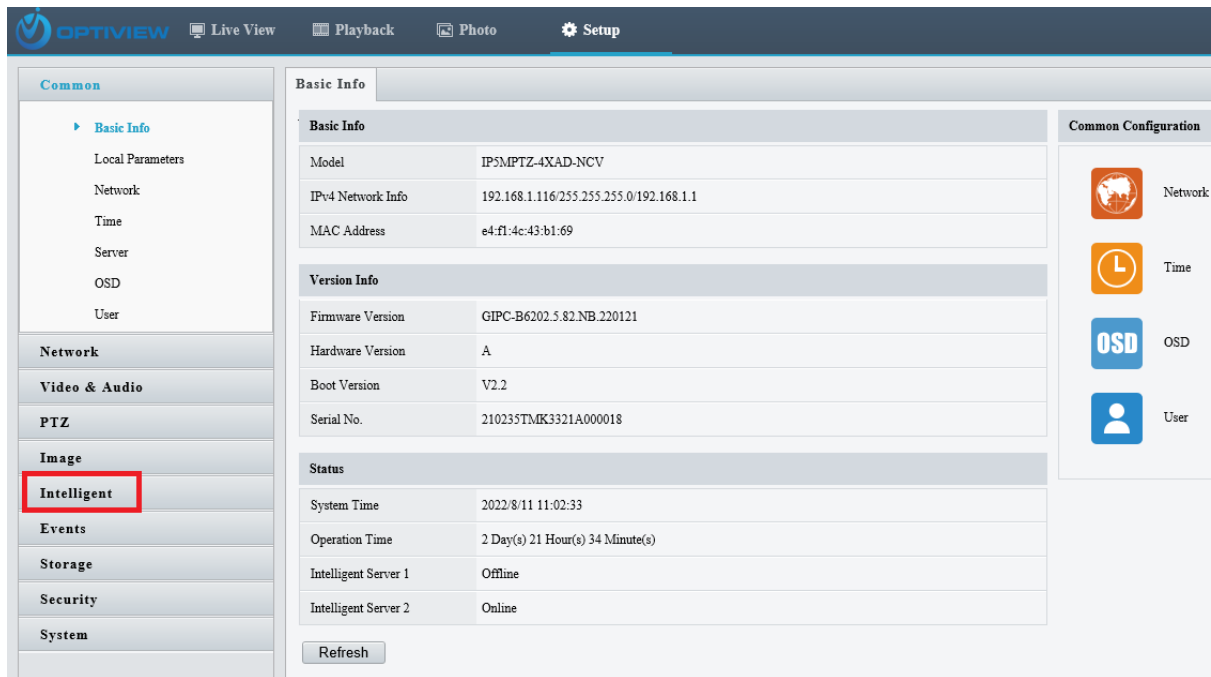


2. Once logged in, click “Setup” at the top of the screen:

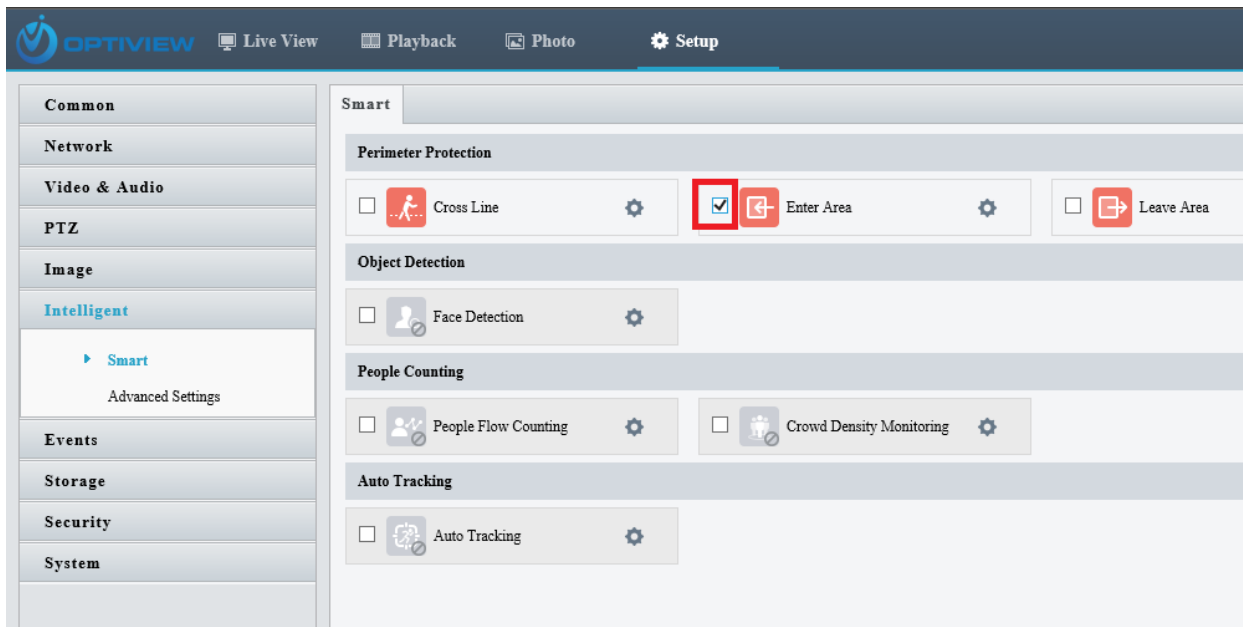




3. Click “Intelligent” on the left side menu:

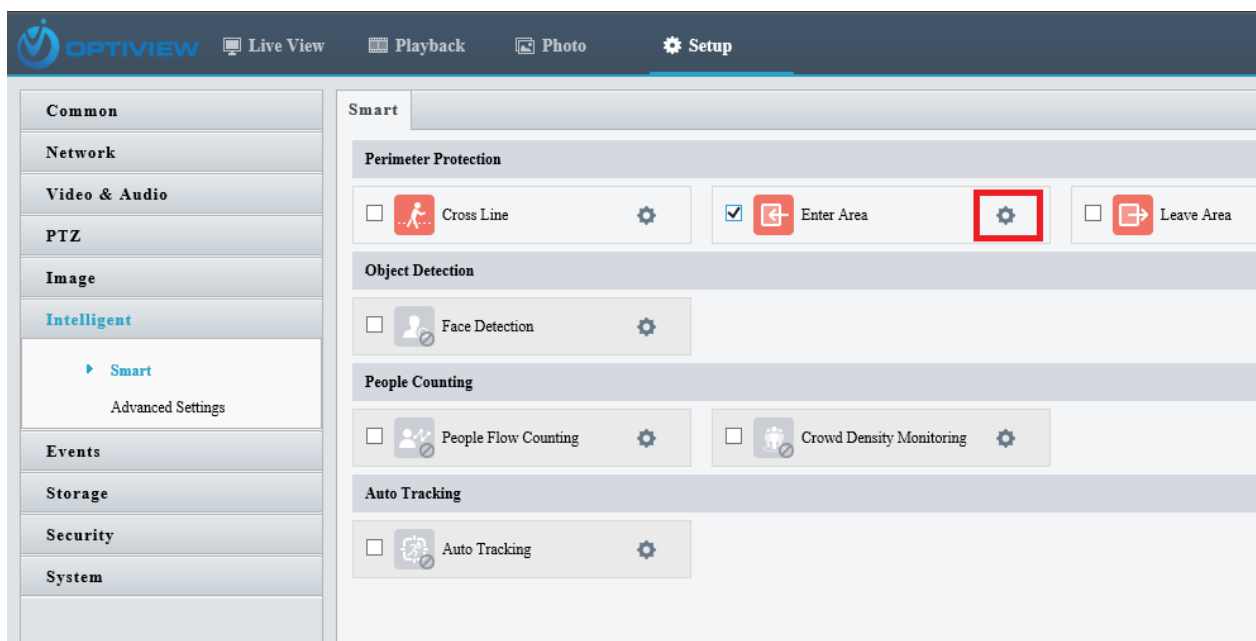


4. Click the box next to “Enter Area” to enable Cross Line detection. Enabling anything in Perimeter Protection will disable any Smart feature outside of Perimeter Protection. This is standard across all NCV intelligent cameras:

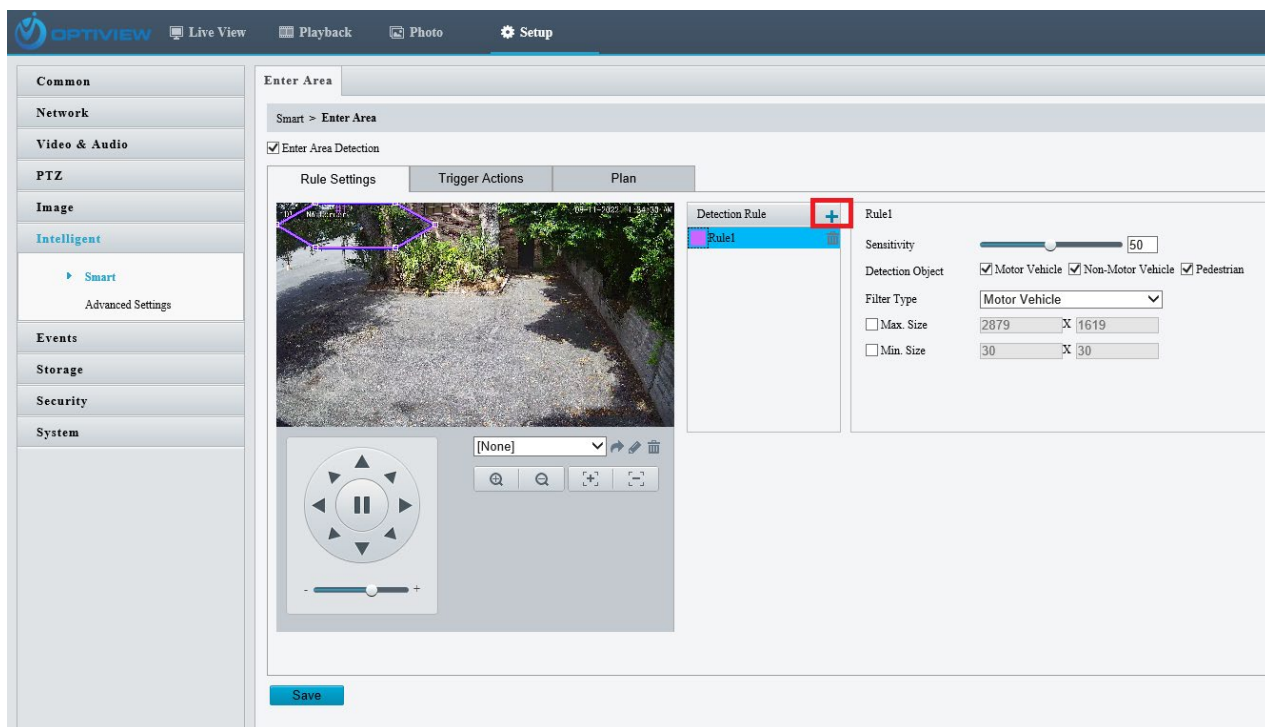




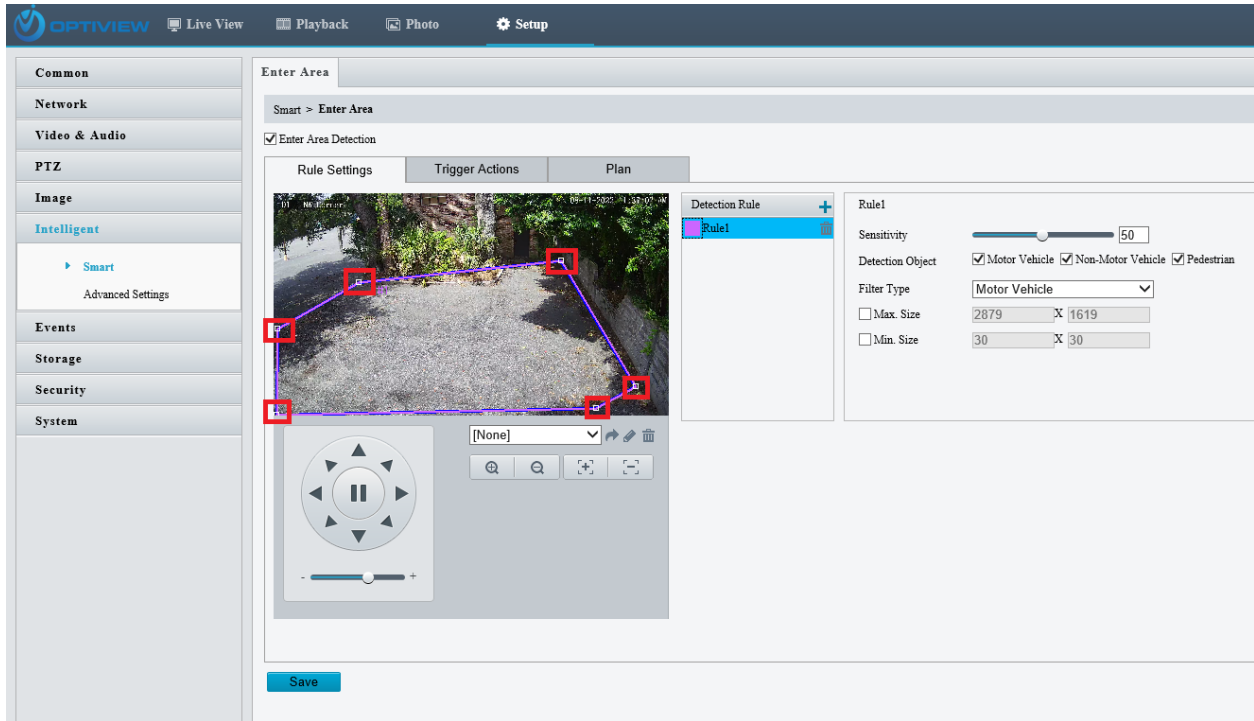
5. Click the gear next to “Enter Area” to edit the Enter Area settings:



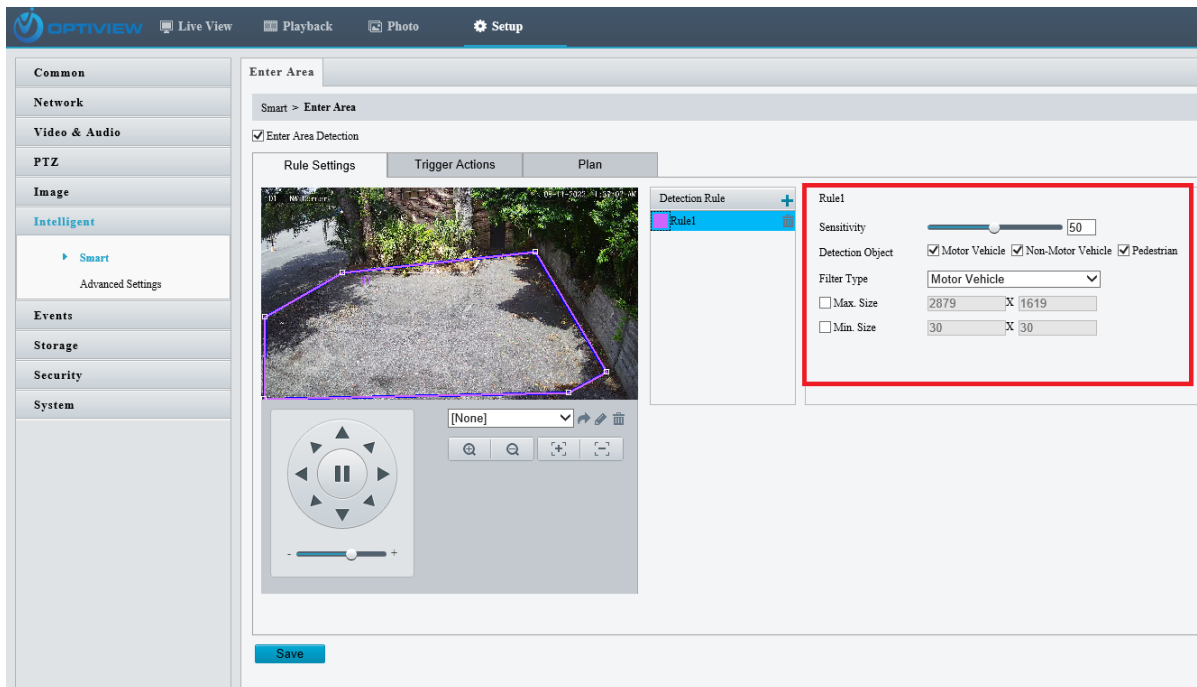
6. Click the “+” next to “Detection Rule”. This will add a hexagon that you will edit next:



- Next, Click the dots in the corners of the hexagon to edit the position of the Enter Area zone:

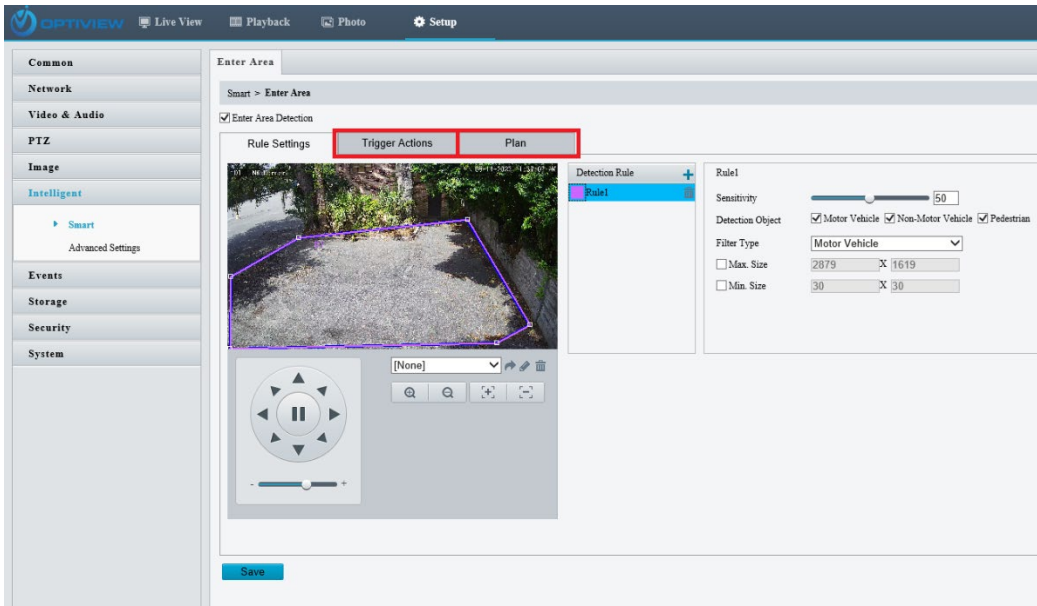


- To the right of the view window, you can change the sensitivity of the Enter Area detection as well as change and filter the detection type:



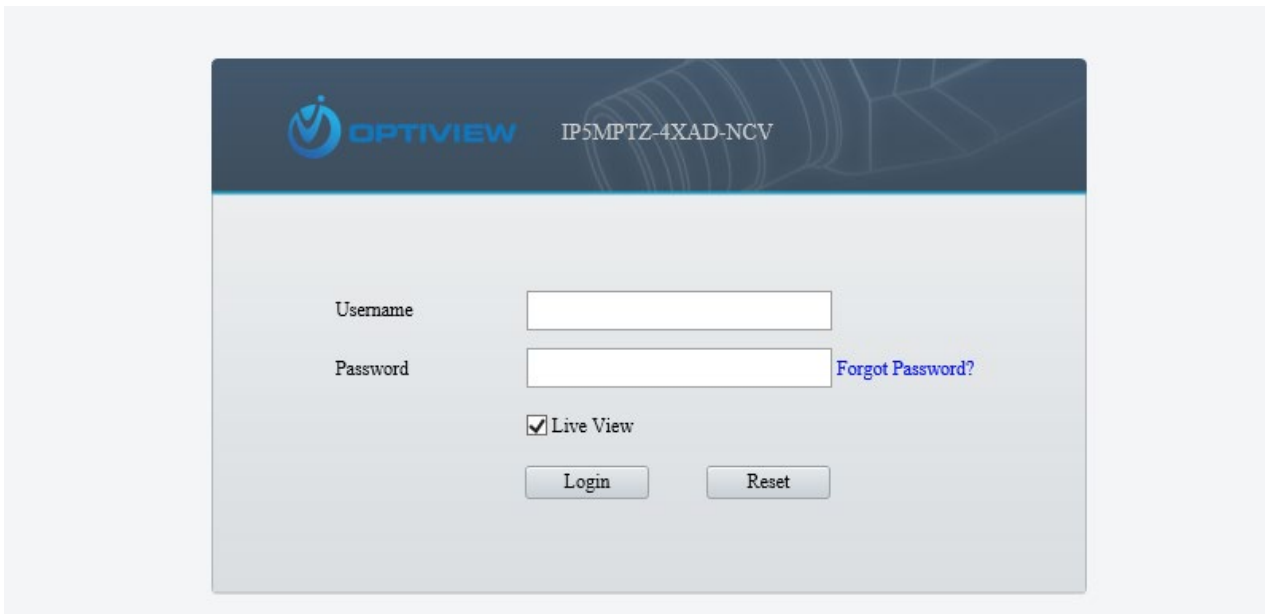


9. For “Trigger Actions” and “Plan” settings, see page .

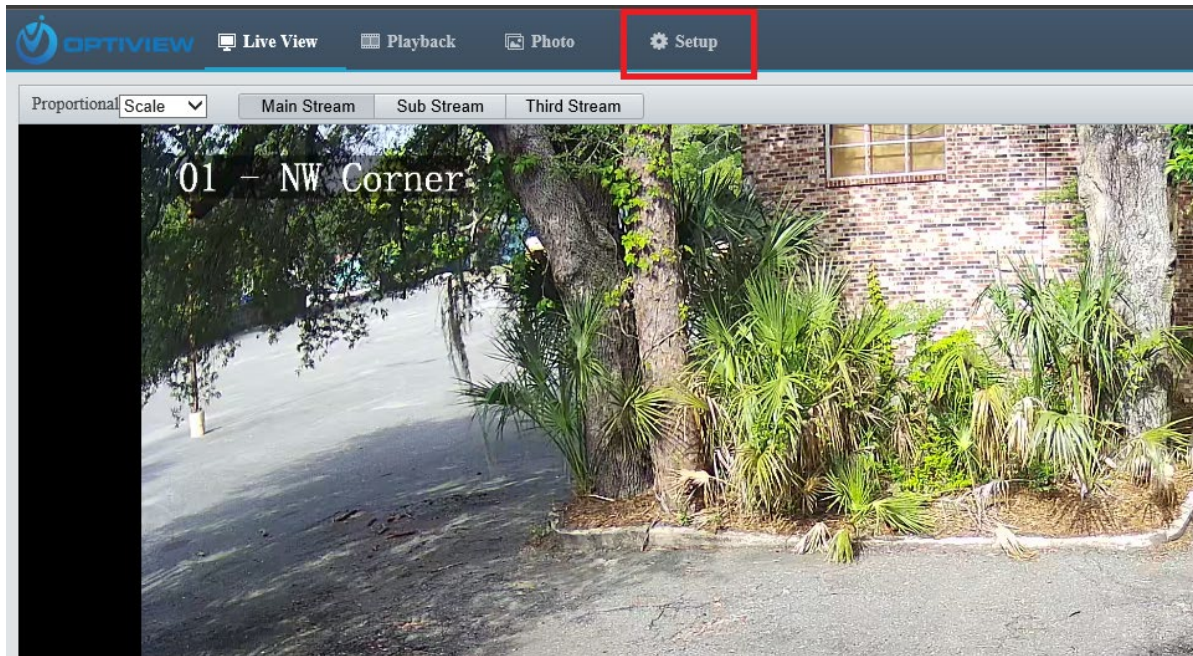


Intelligent Settings – Leave Area

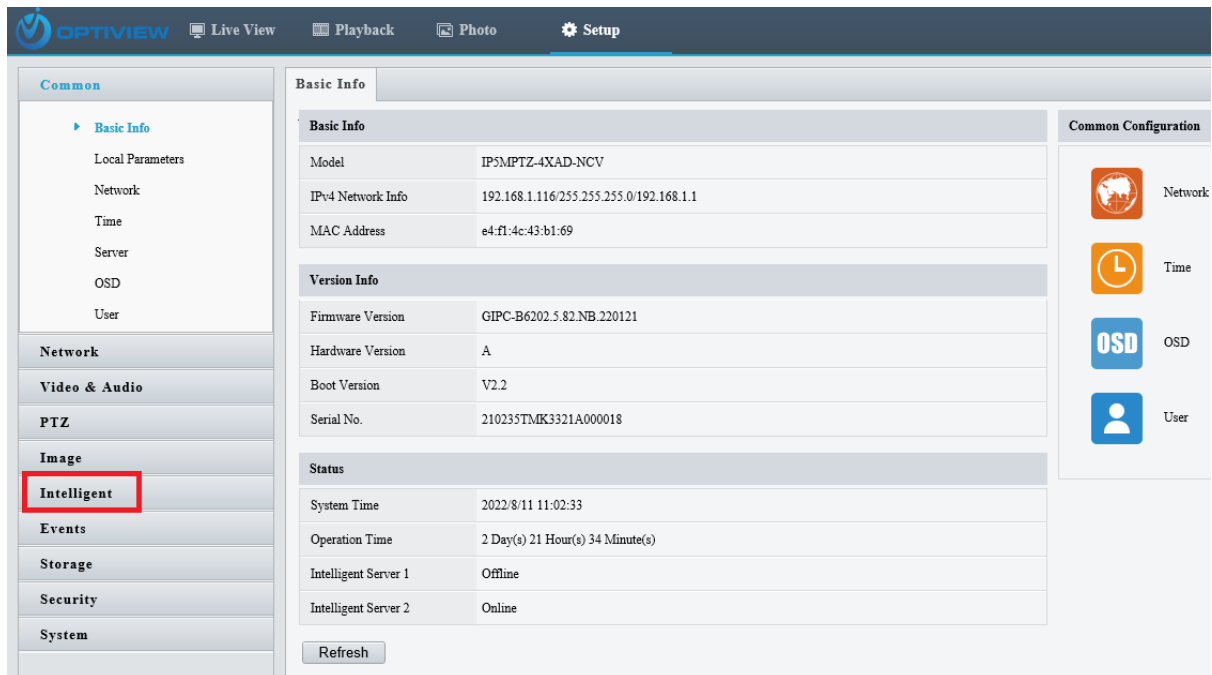
1. Log into your camera’s web interface by navigating to the IP address of the camera in your web browser:



2. Once logged in, click “Setup” at the top of the screen:

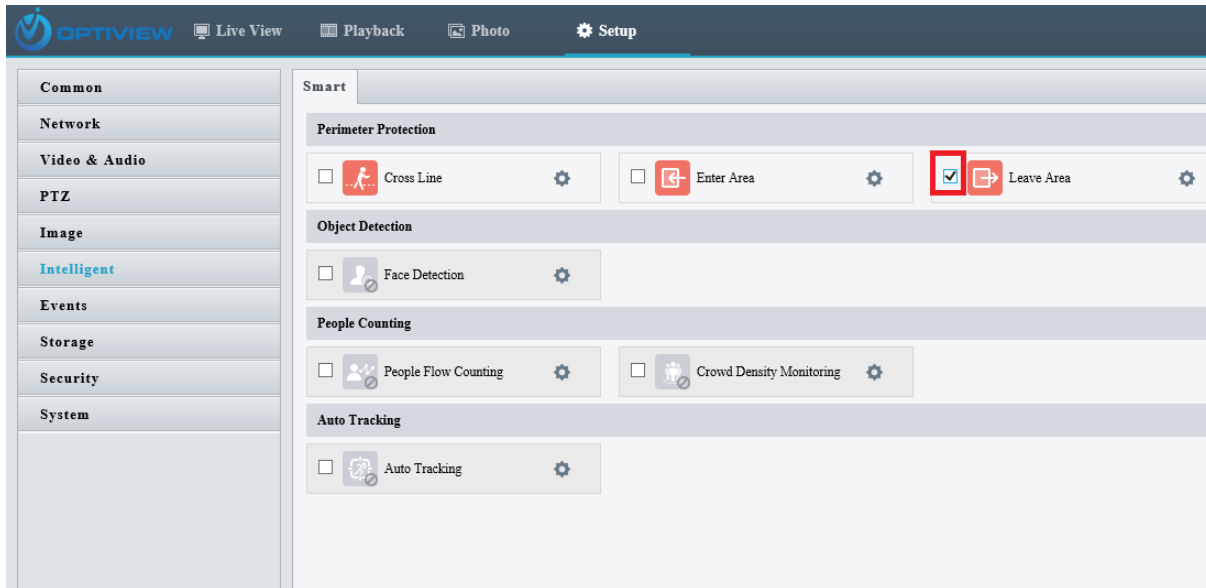


3. Click “Intelligent” on the left side menu:

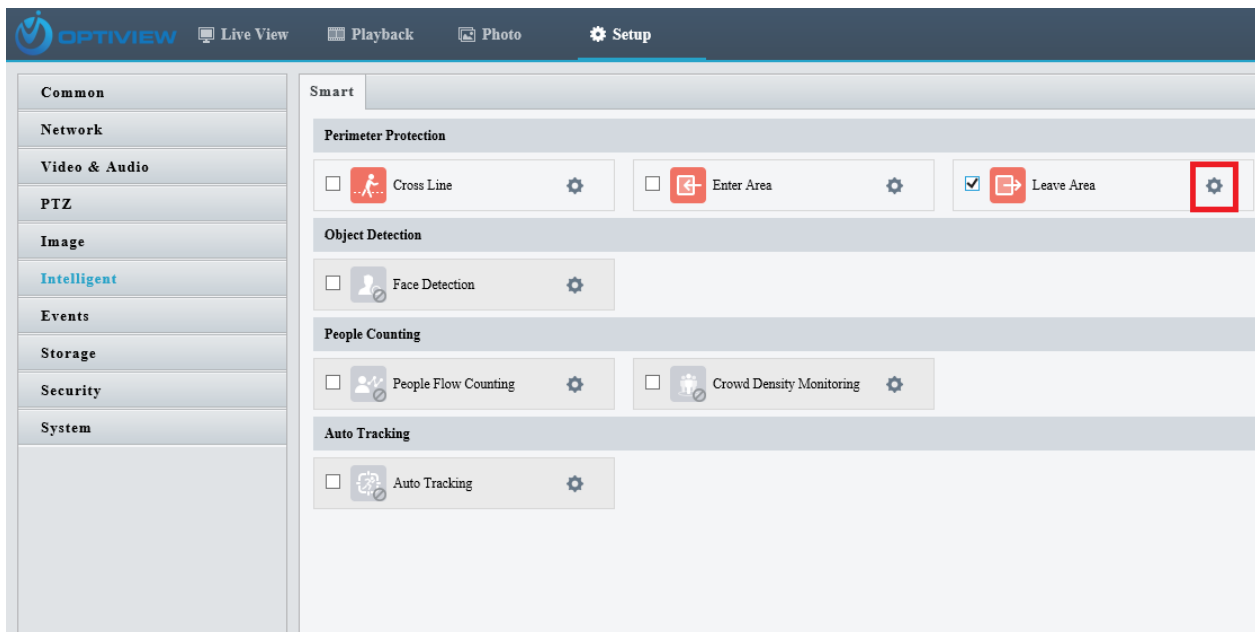




- Click the box next to “Leave Area” to enable Cross Line detection. Enabling anything in Perimeter Protection will disable any Smart feature outside of Perimeter Protection. This is standard across all NCV intelligent cameras:

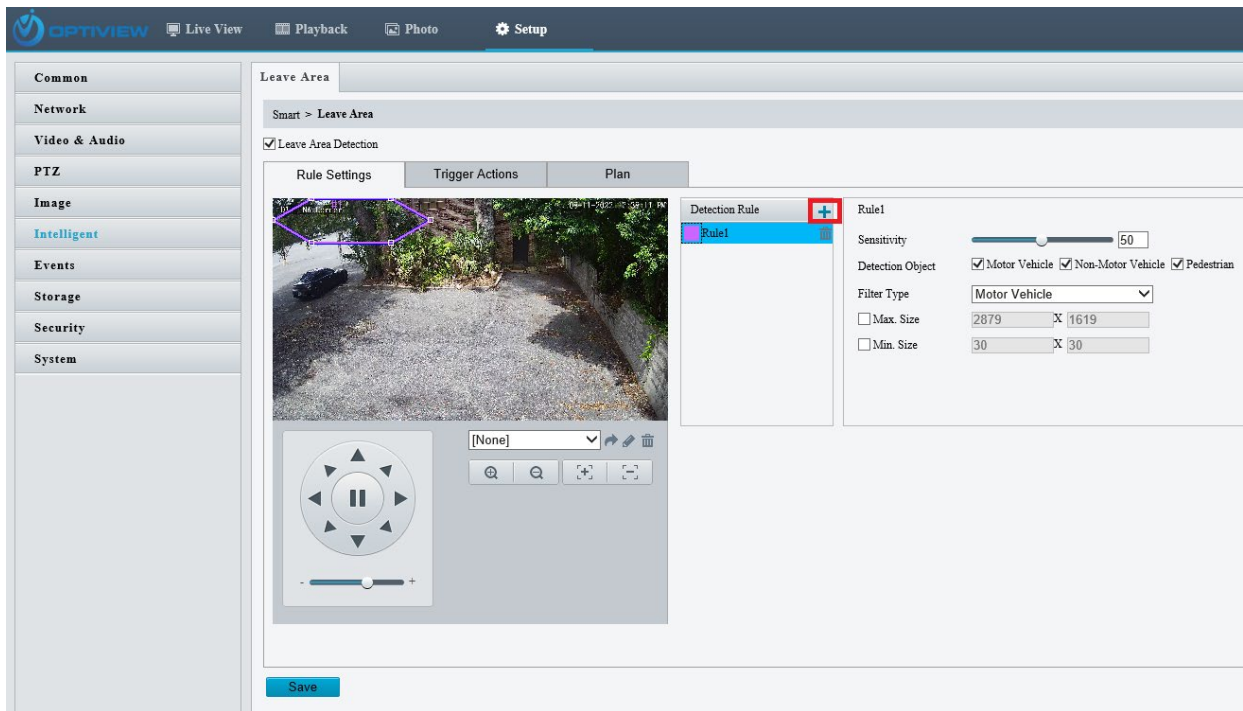


- Click the gear next to “Leave Area” to edit the Leave Area settings:

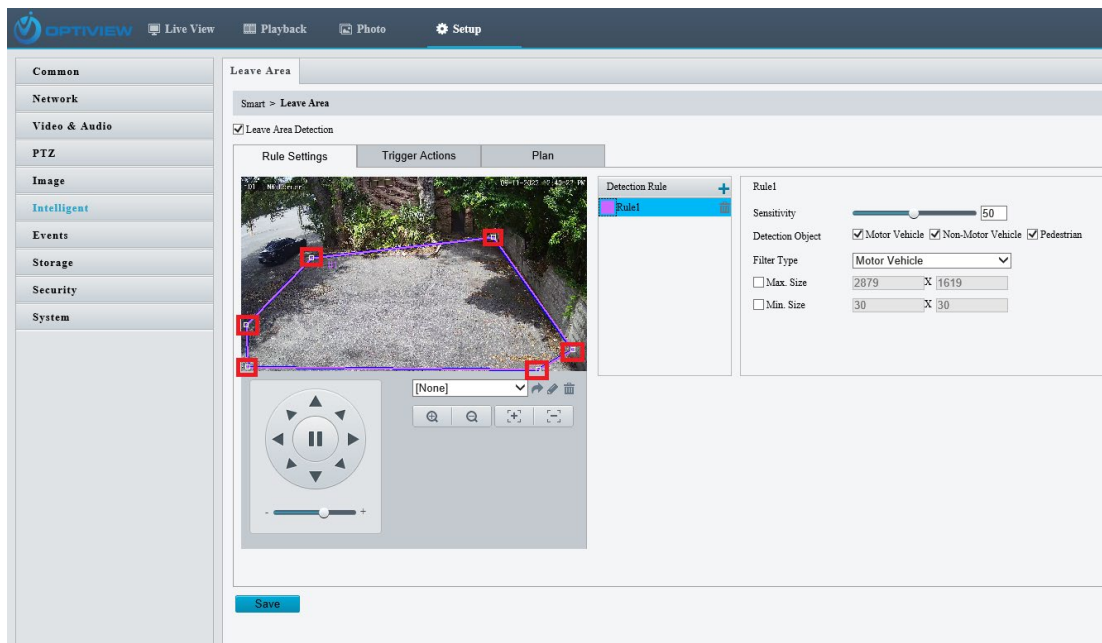




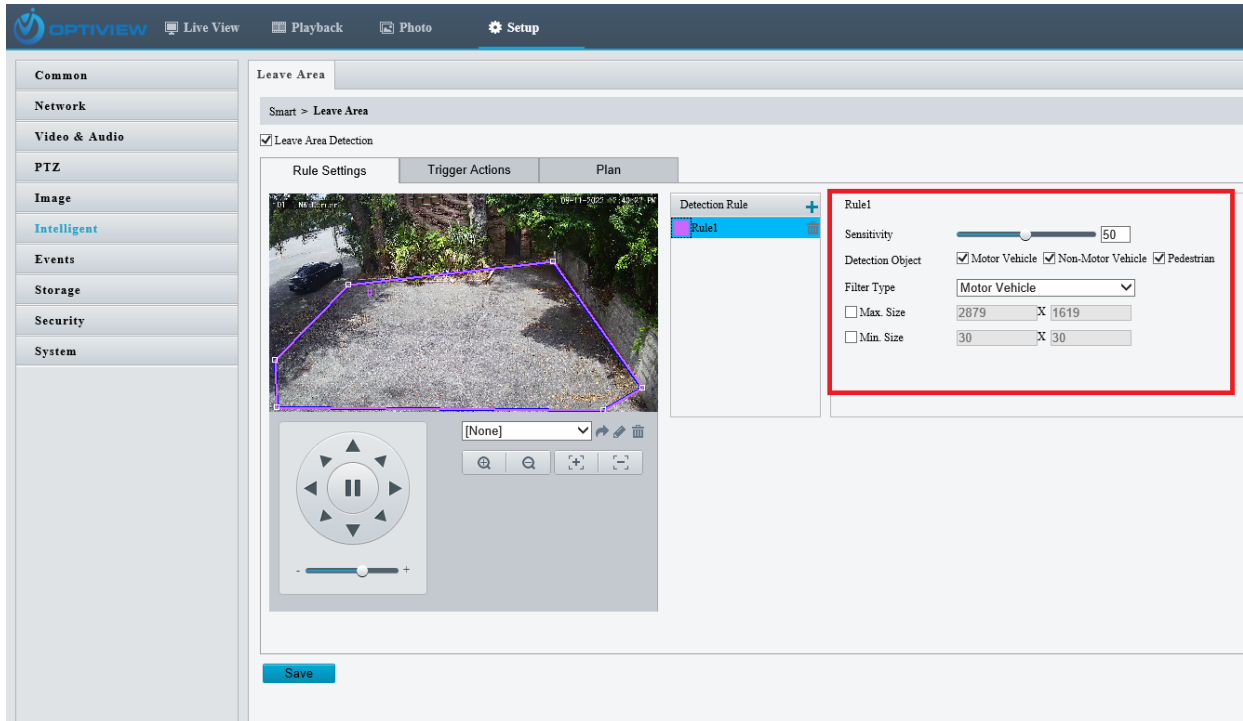
6. Click the “+” next to “Detection Rule”. This will add a hexagon that you will edit next:



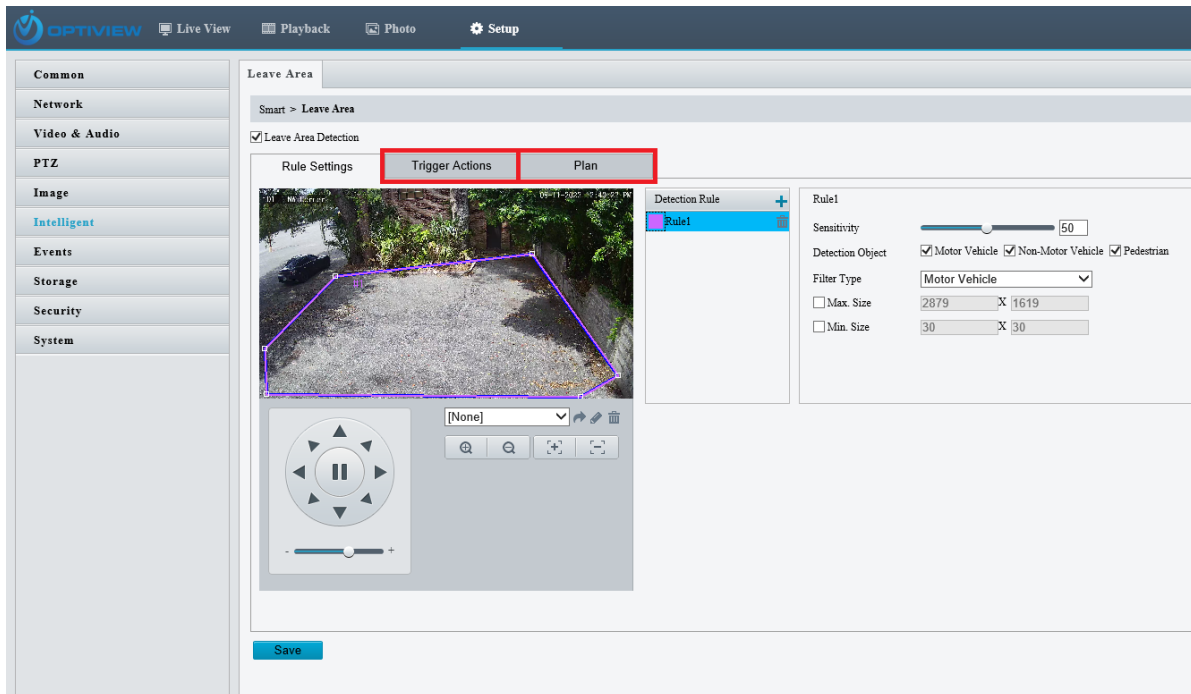
7. Next, Click the dots in the corners of the hexagon to edit the position of the Leave Area zone:



8. To the right of the view window, you can change the sensitivity of the Enter Area detection as well as change and filter the detection type:



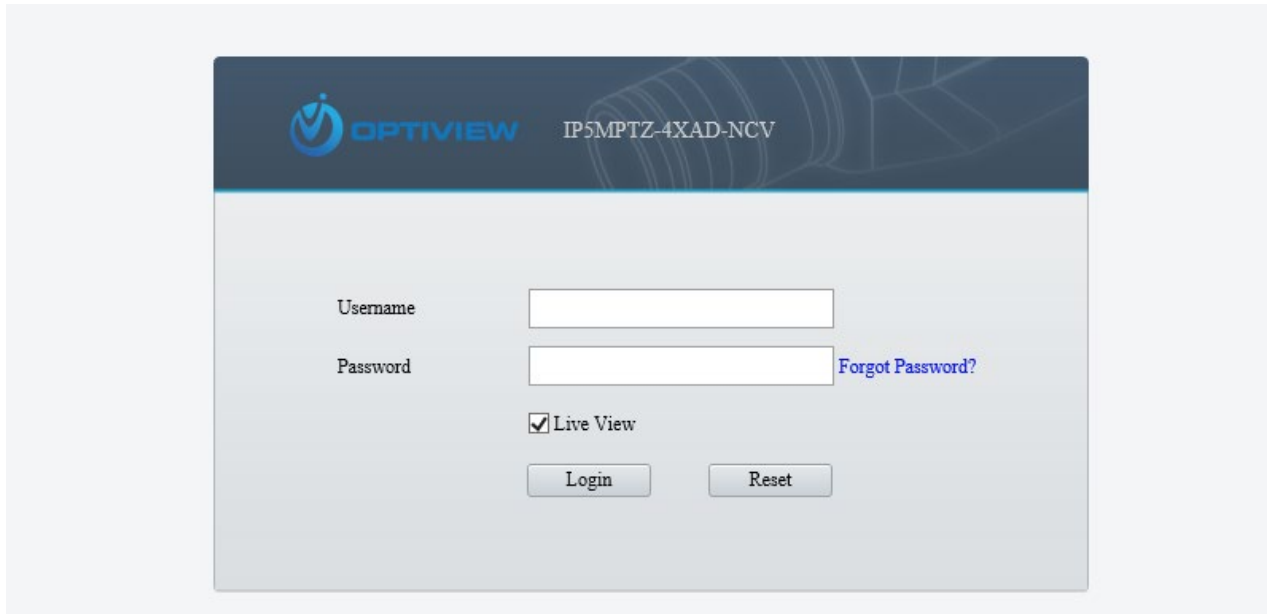
9. For “Trigger Actions” and “Plan” settings, see page .



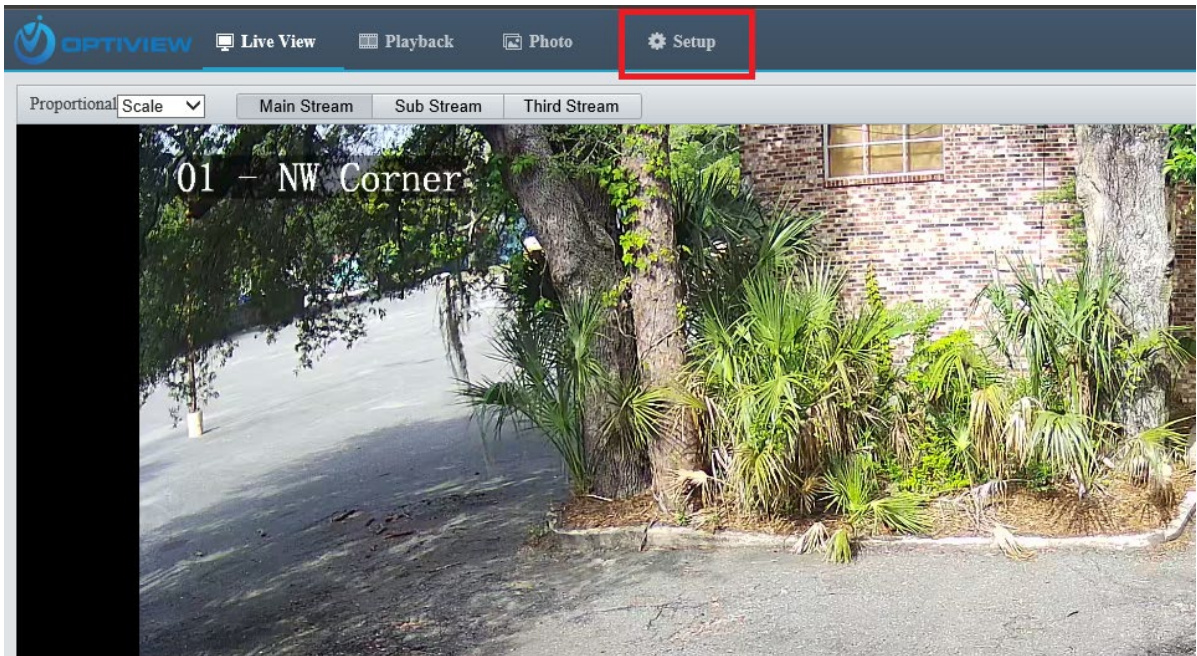


Intelligent Settings – Intrusion Zone

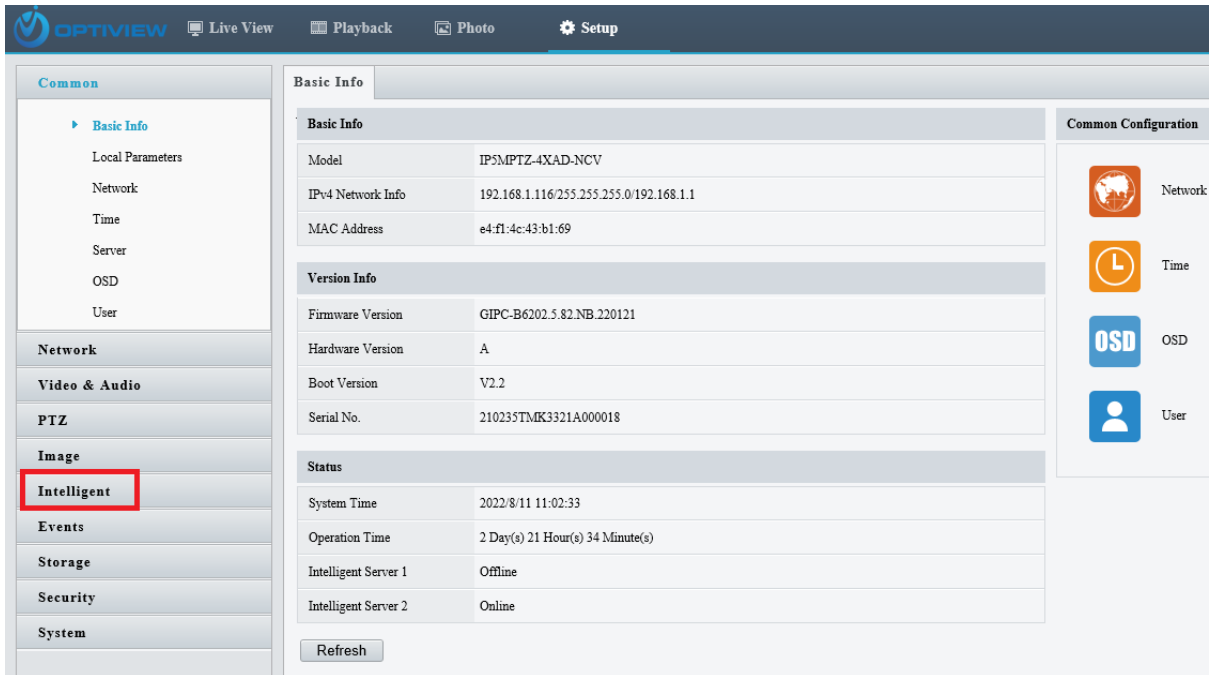
1. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:



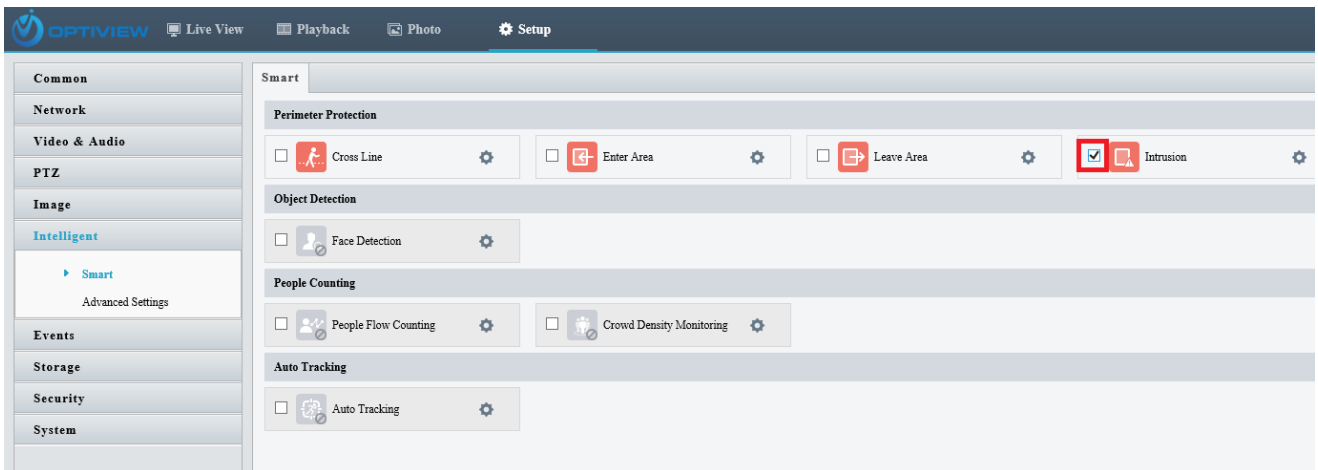
2. Once logged in, click "Setup" at the top of the screen:



3. Click "Intelligent" on the left side menu:

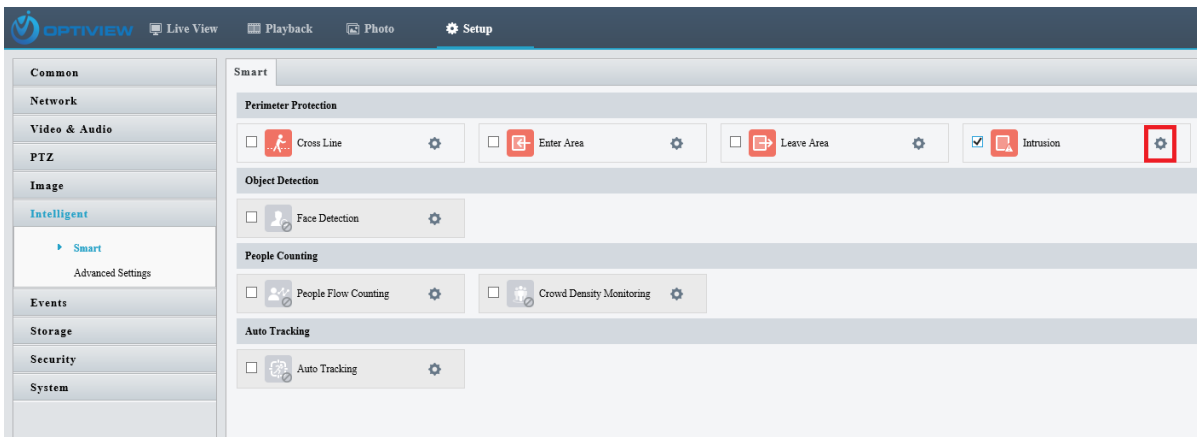


- Click the box next to “Intrusion” to enable Cross Line detection. Enabling anything in Perimeter Protection will disable any Smart feature outside of Perimeter Protection. This is standard across all NCV intelligent cameras:

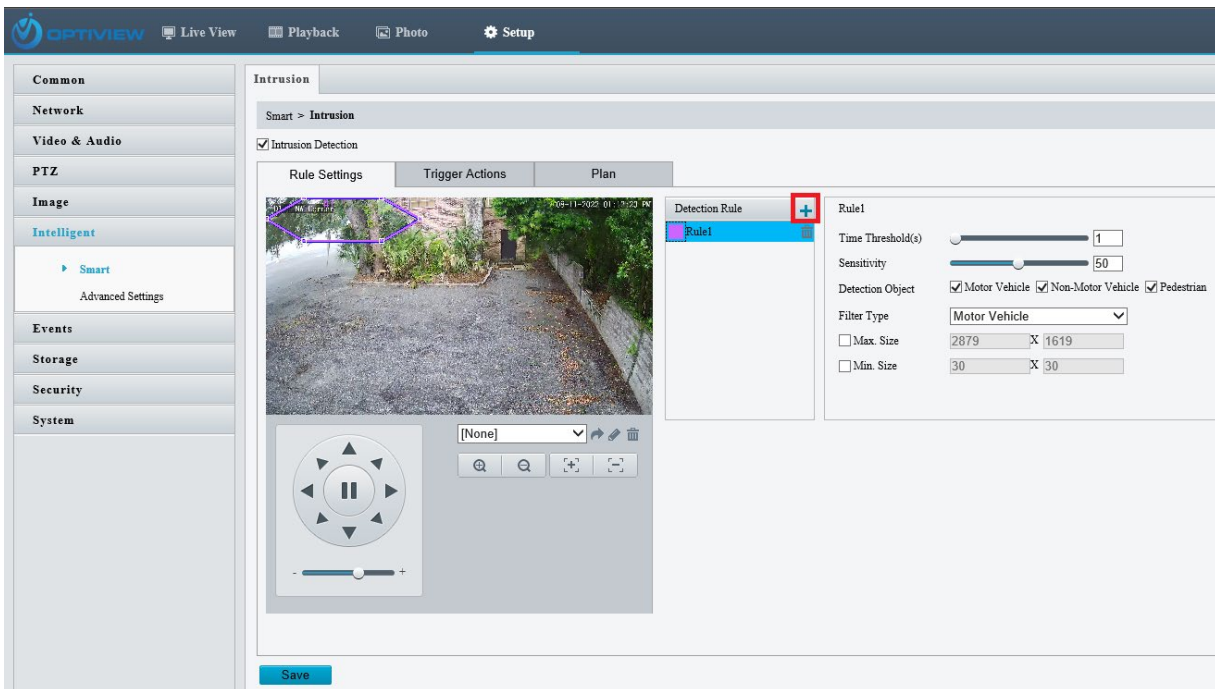




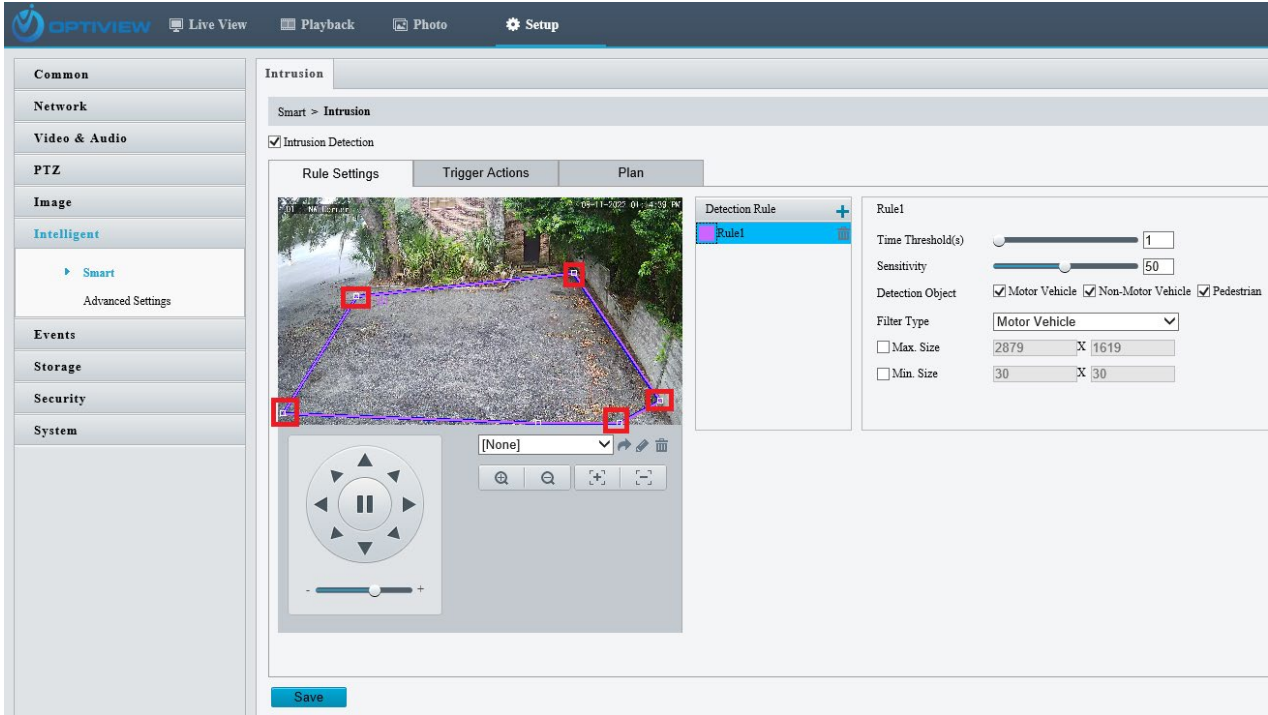
5. Click the gear next to “Intrusion” to edit the Intrusion settings:



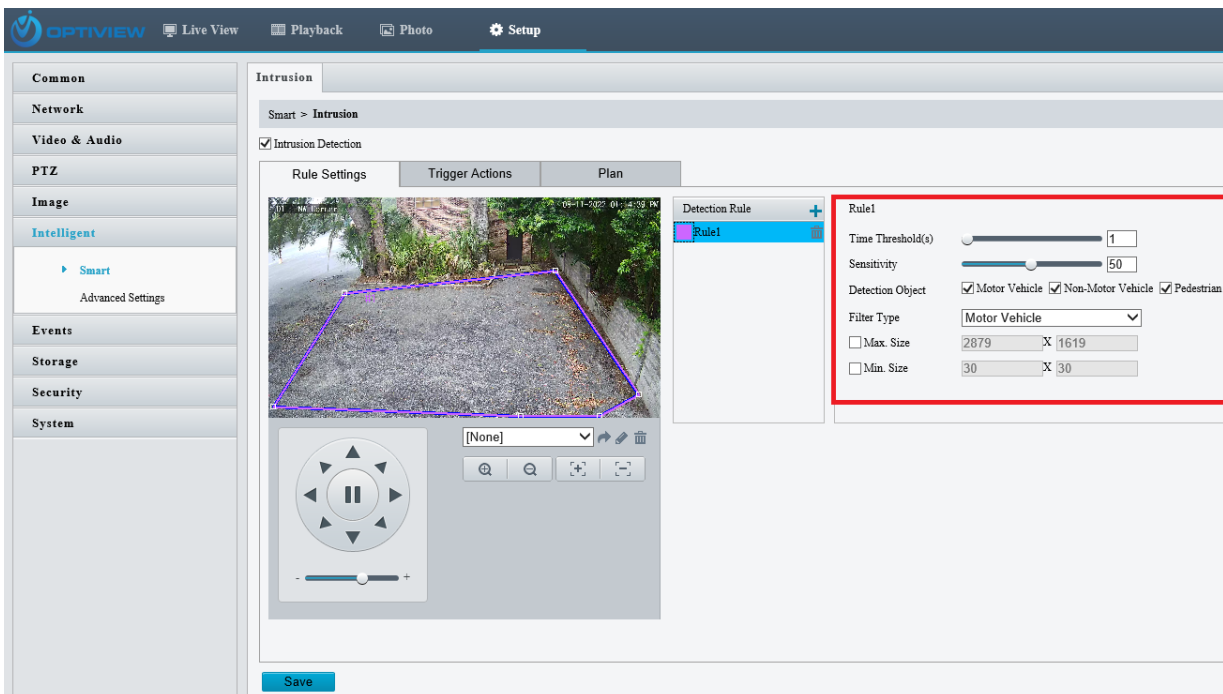
6. Click the “+” next to “Detection Rule”. This will add a hexagon that you will edit next:



7. Next, Click the dots in the corners of the hexagon to edit the position of the Leave Area zone:

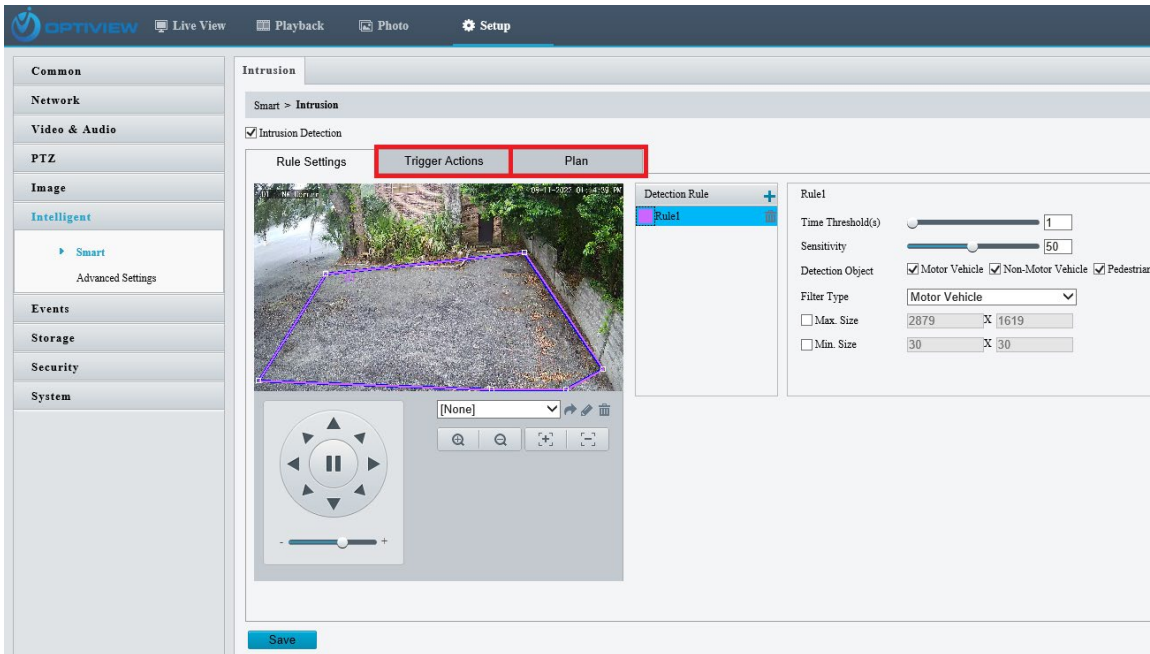


8. To the right of the view window, you can change the sensitivity of the Enter Area detection as well as change and filter the detection type:



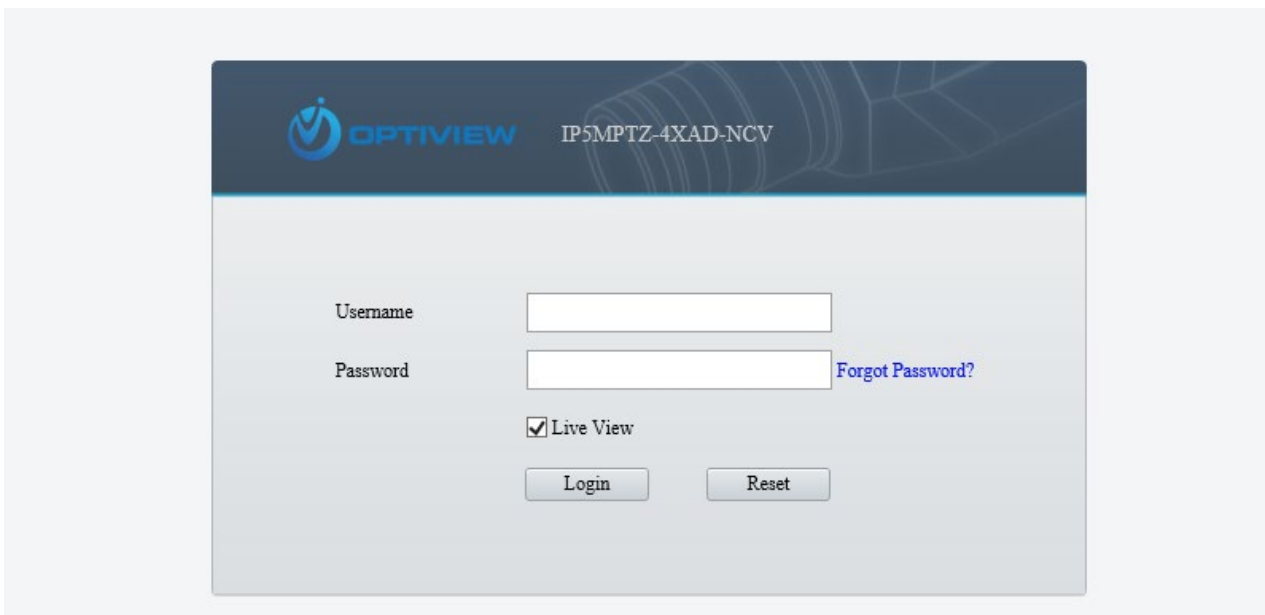


9. For “Trigger Actions” and “Plan” settings, see page .



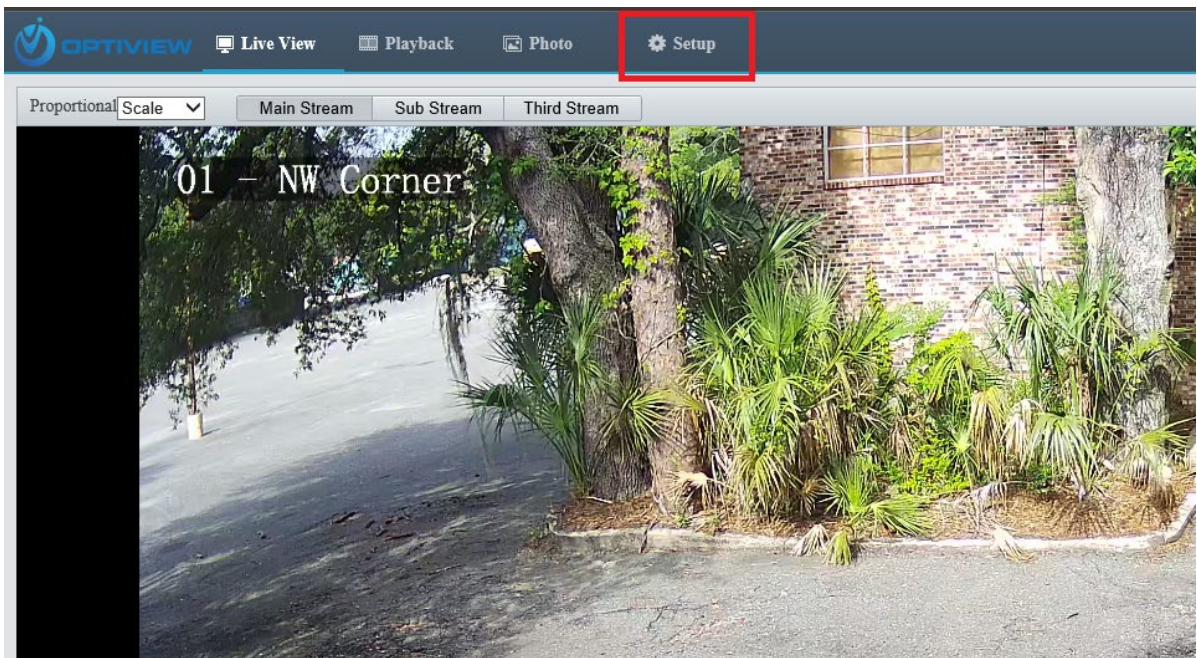
Intelligent Settings – Auto Tracking

1. Log into your camera’s web interface by navigating to the IP address of the camera in your web browser:

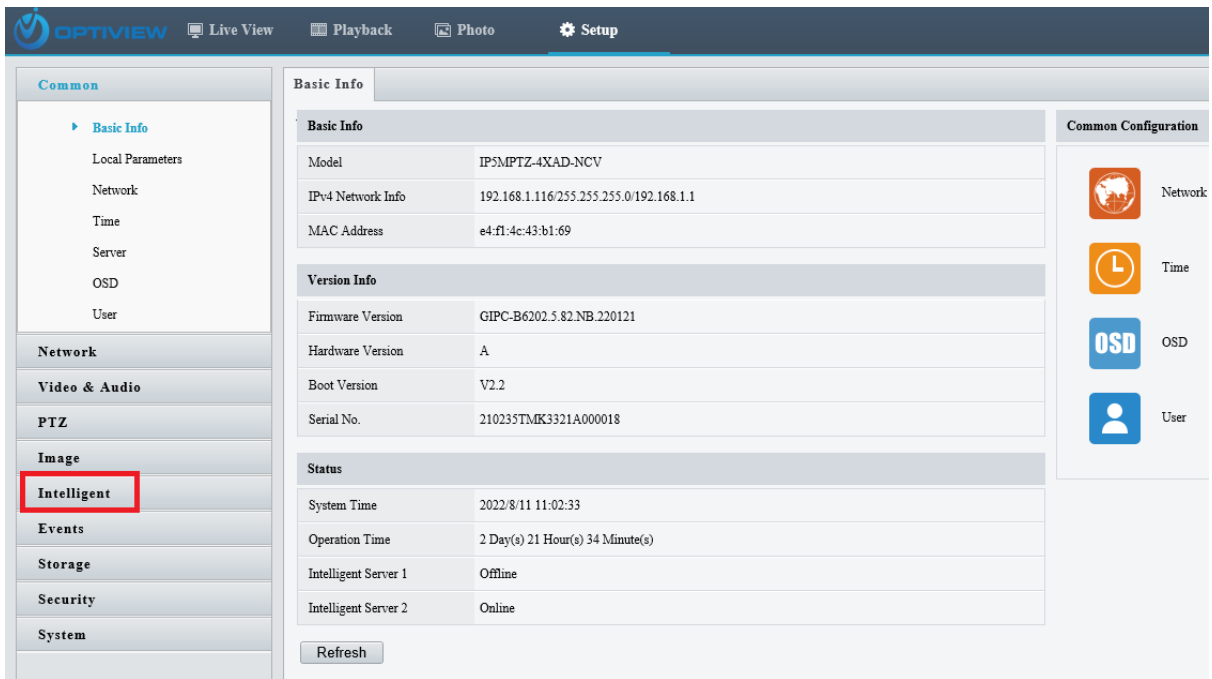




2. Once logged in, click “Setup” at the top of the screen:

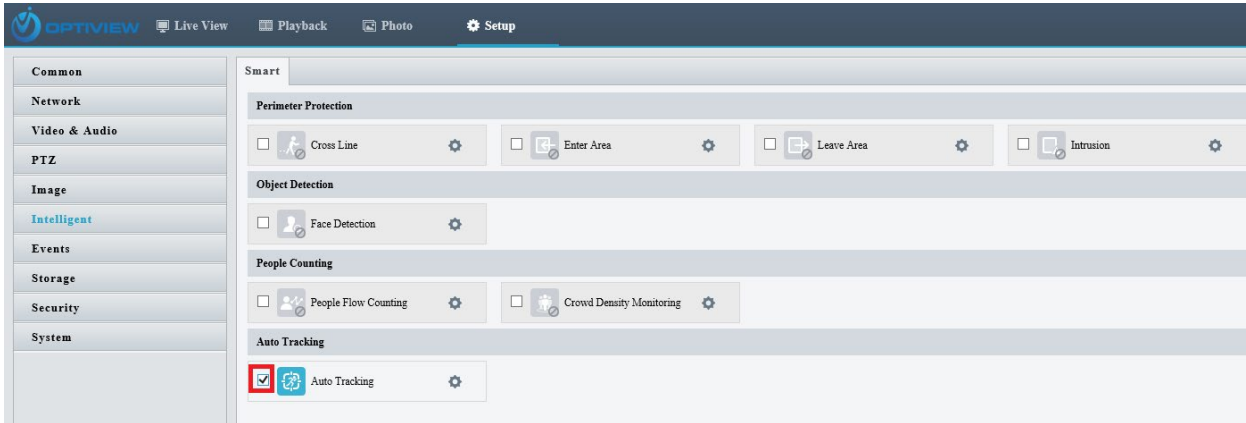


3. Click “Intelligent” on the left side menu:

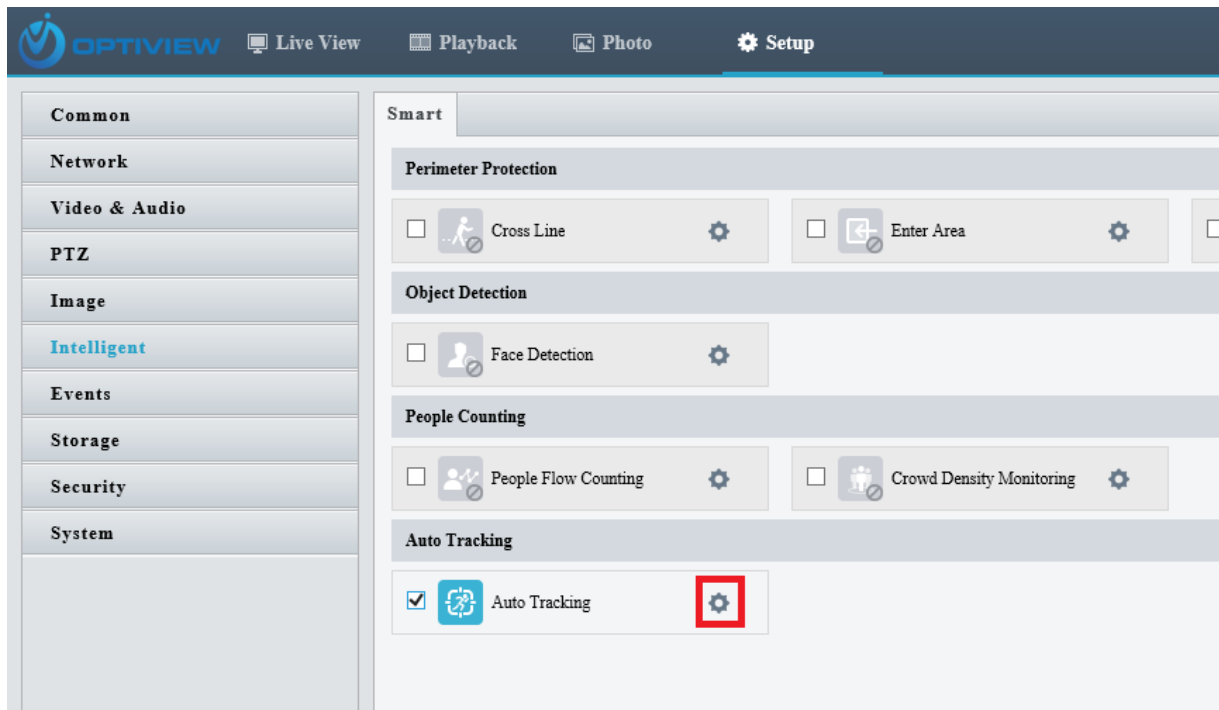




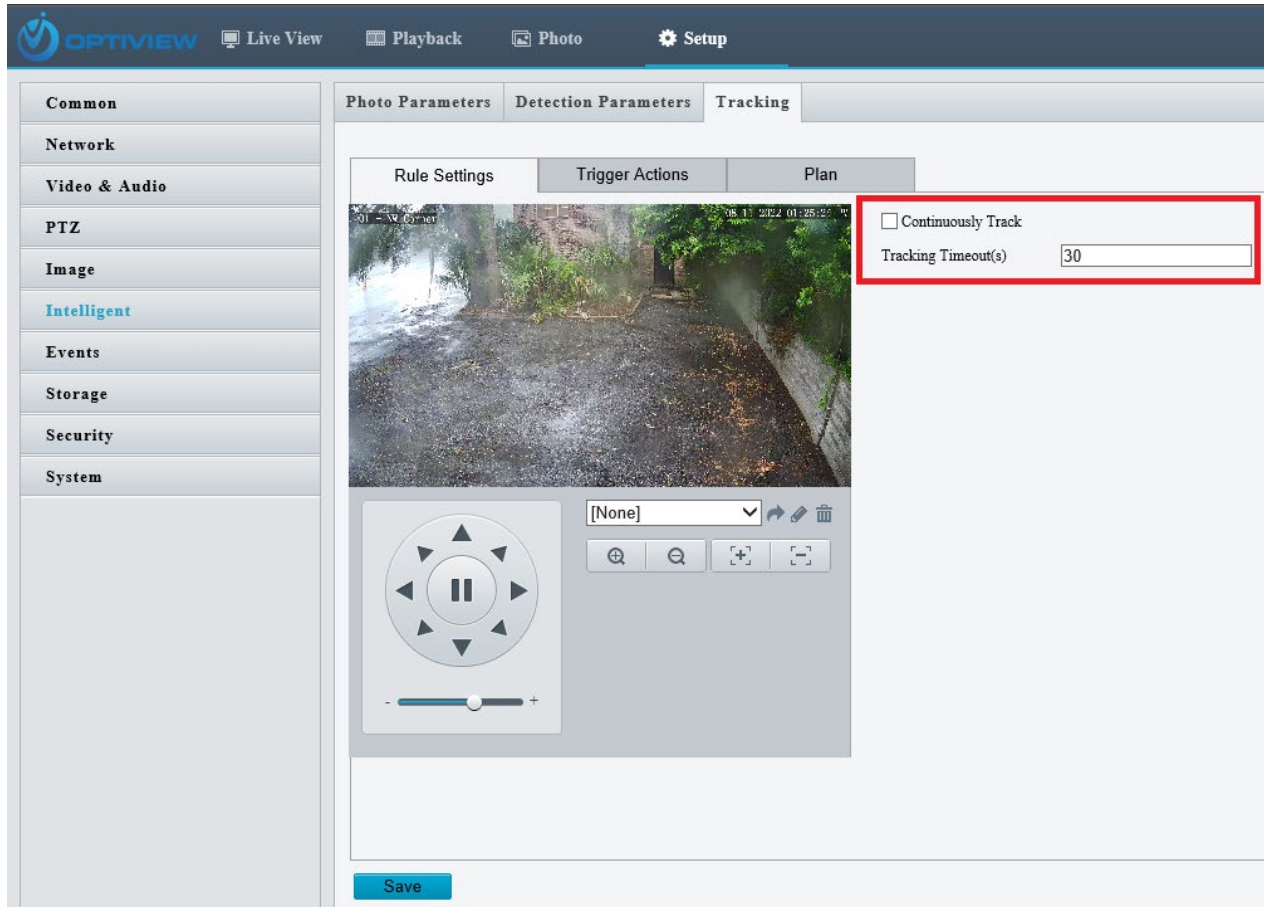
4. Click the box next to “Auto Tracking” to enable Auto Tracking. Enabling anything in Auto Tracking will disable any Smart feature outside of Auto Tracking. This is standard across all NCV intelligent cameras:



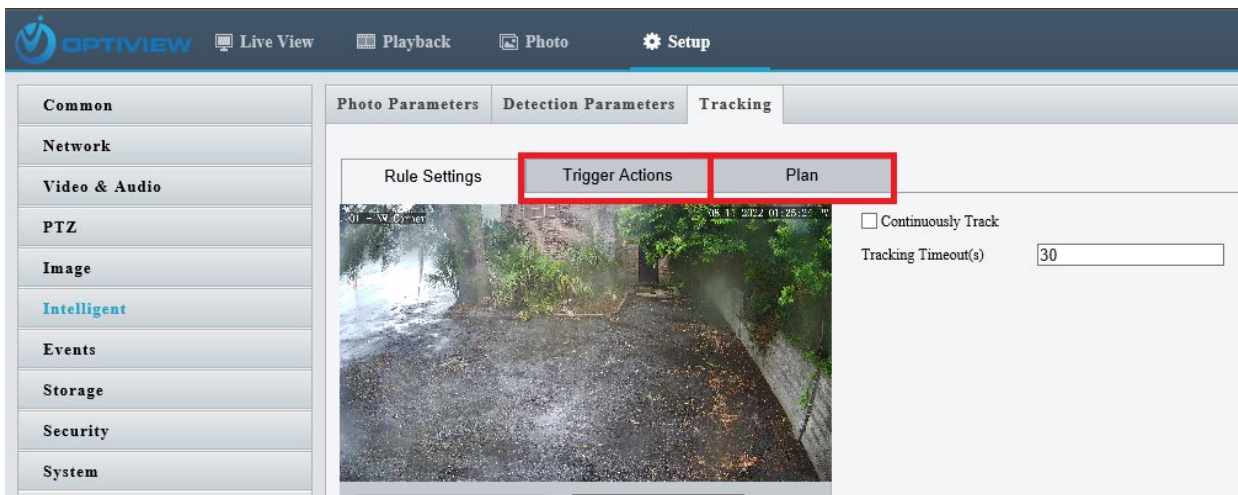
5. Click the gear next to “Auto Tracking” to edit the Auto Tracking settings:



6. There aren't many settings to adjust in the auto tracking menu. You can set the auto tracking to continuously track or set a tracking timeout:



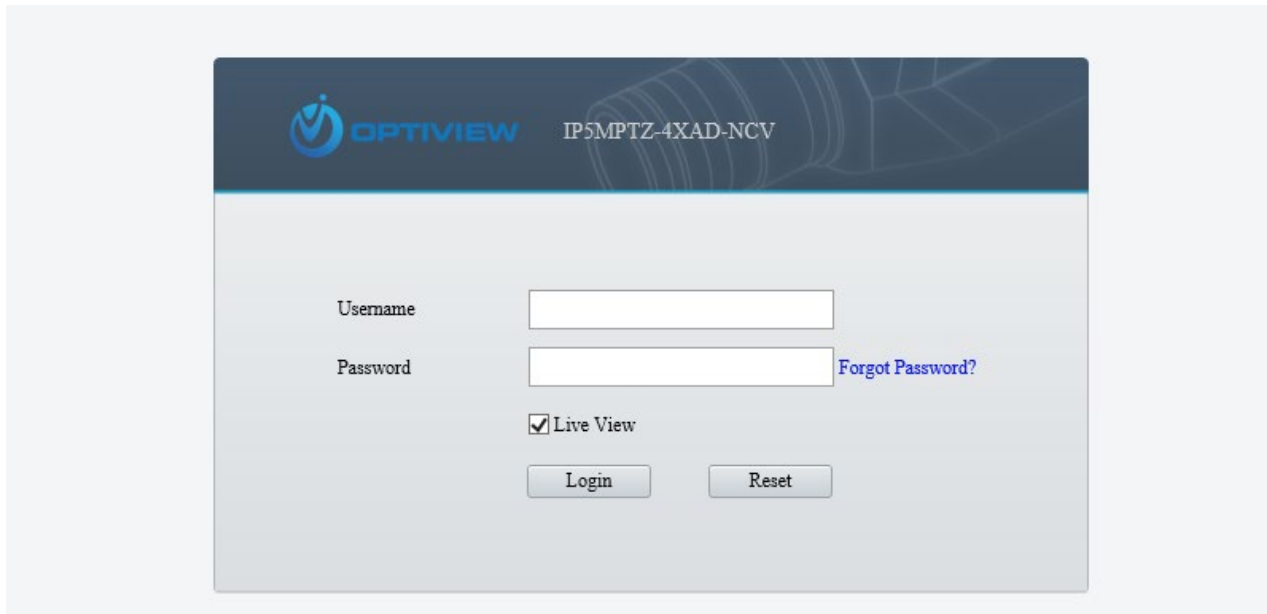
7. For “Trigger Actions” and “Plan” settings, see page .



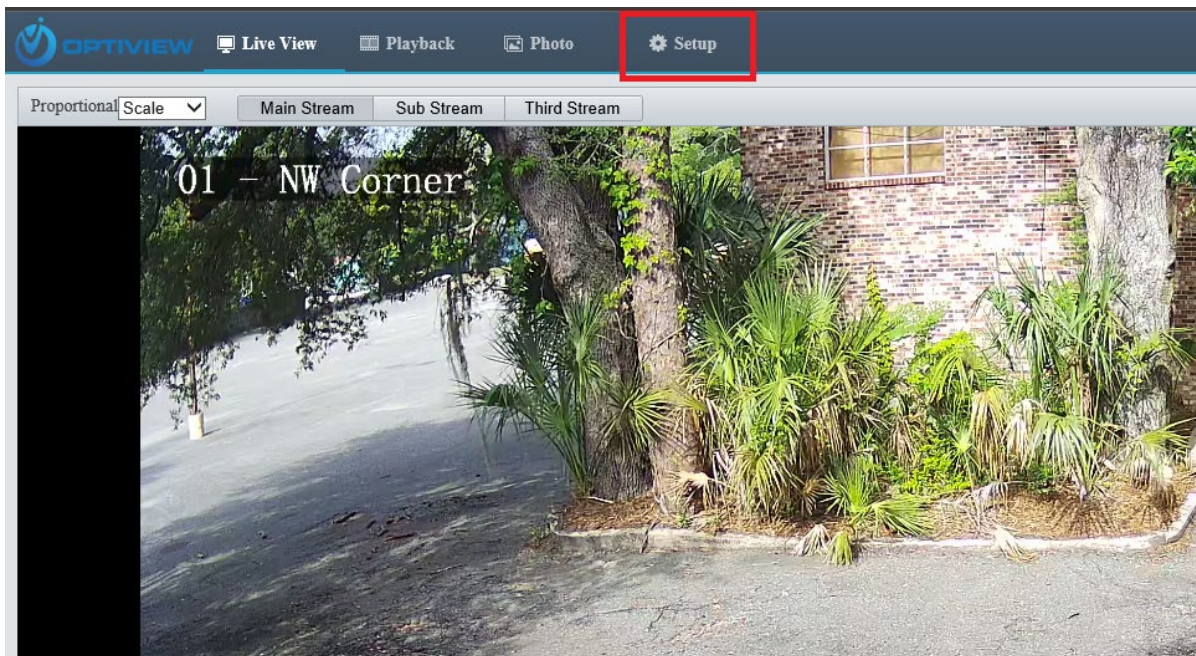


Event Settings – Motion Detection

1. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:

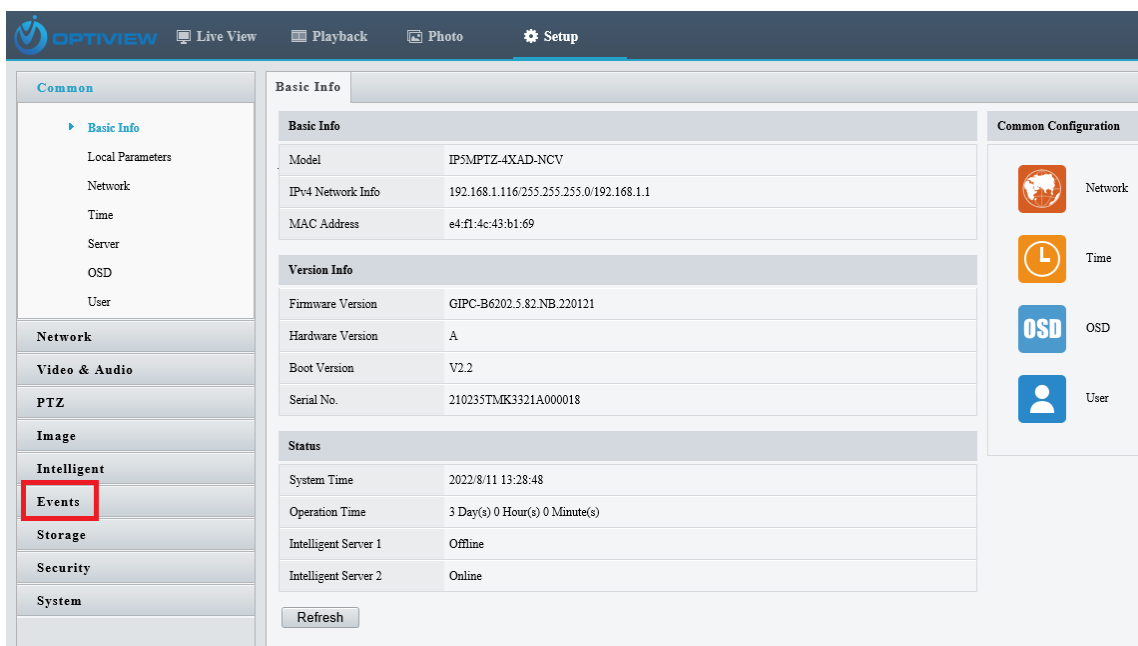


2. Once logged in, click "Setup" at the top of the screen:

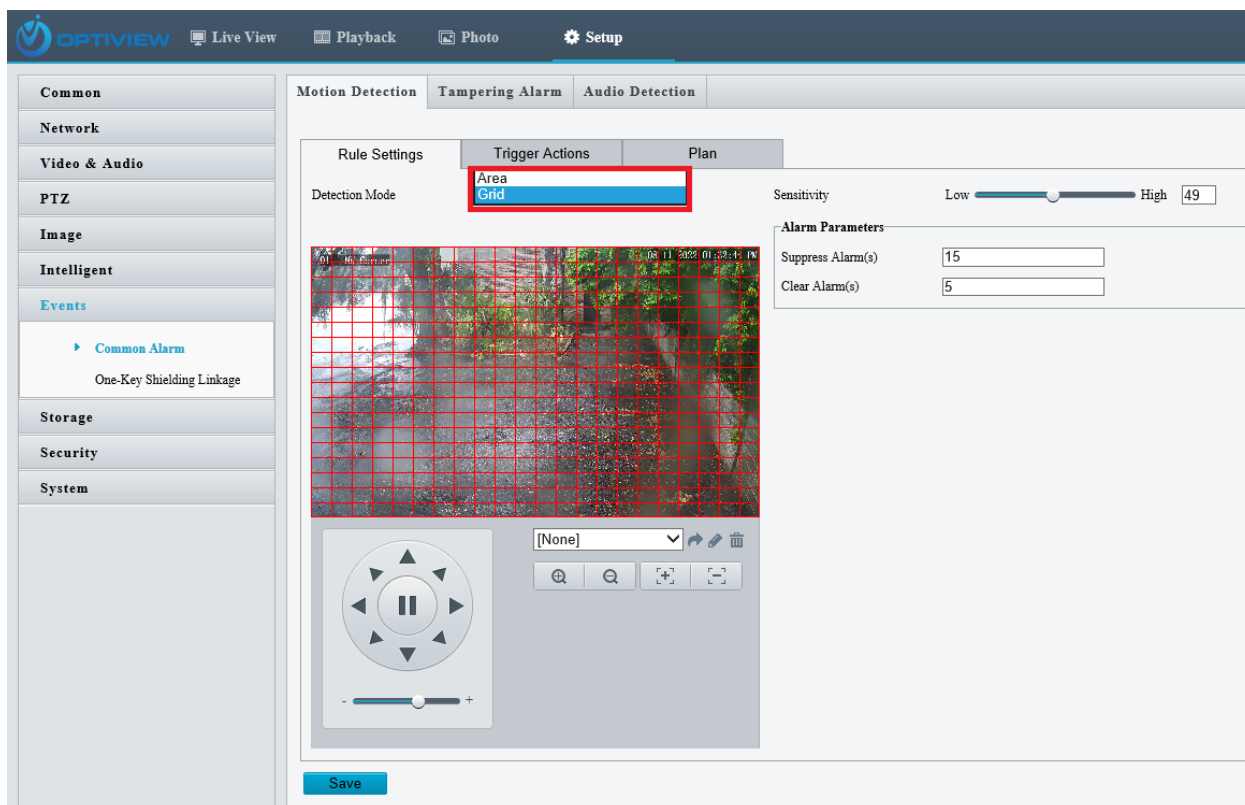




3. Click “Events” on the left side menu:

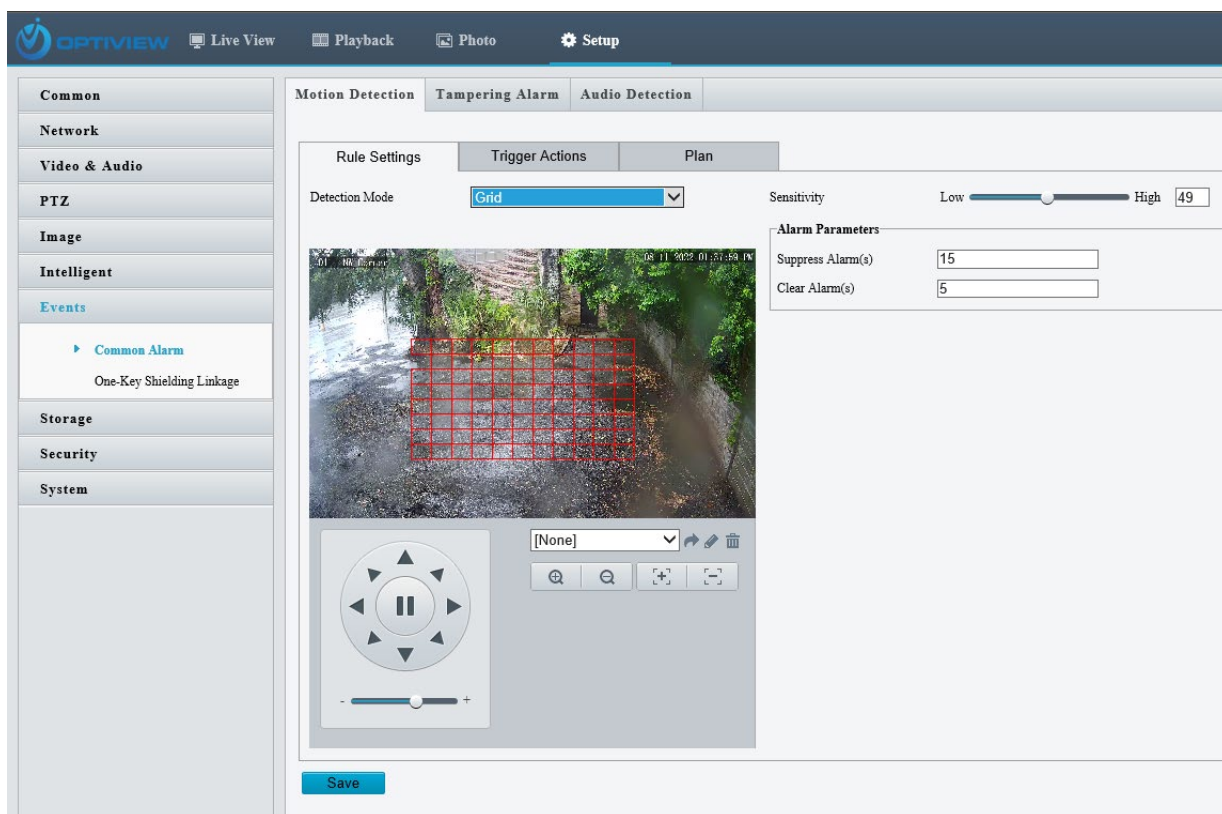


4. Click the drop down menu next to “Detection Mode” to change your mode of detection for the Motion Detection:

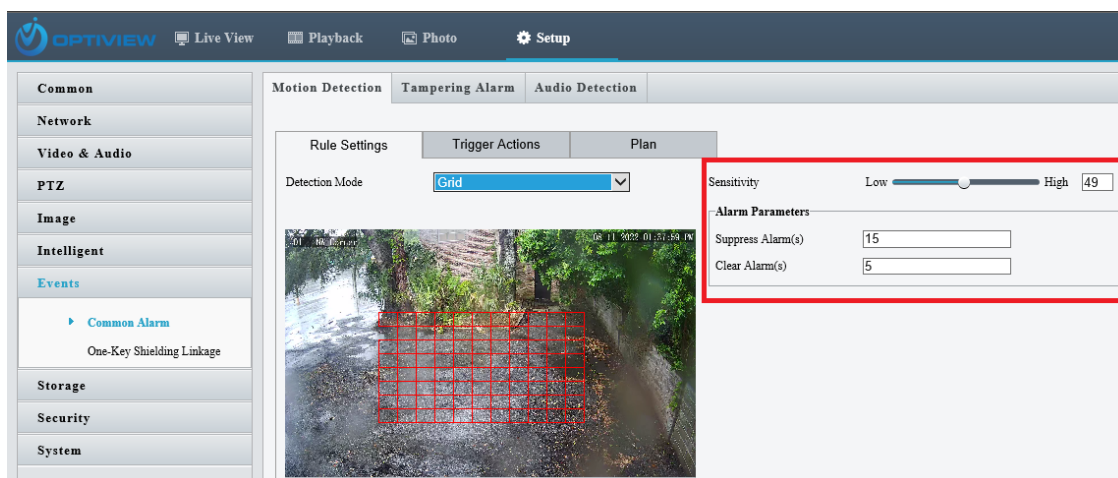




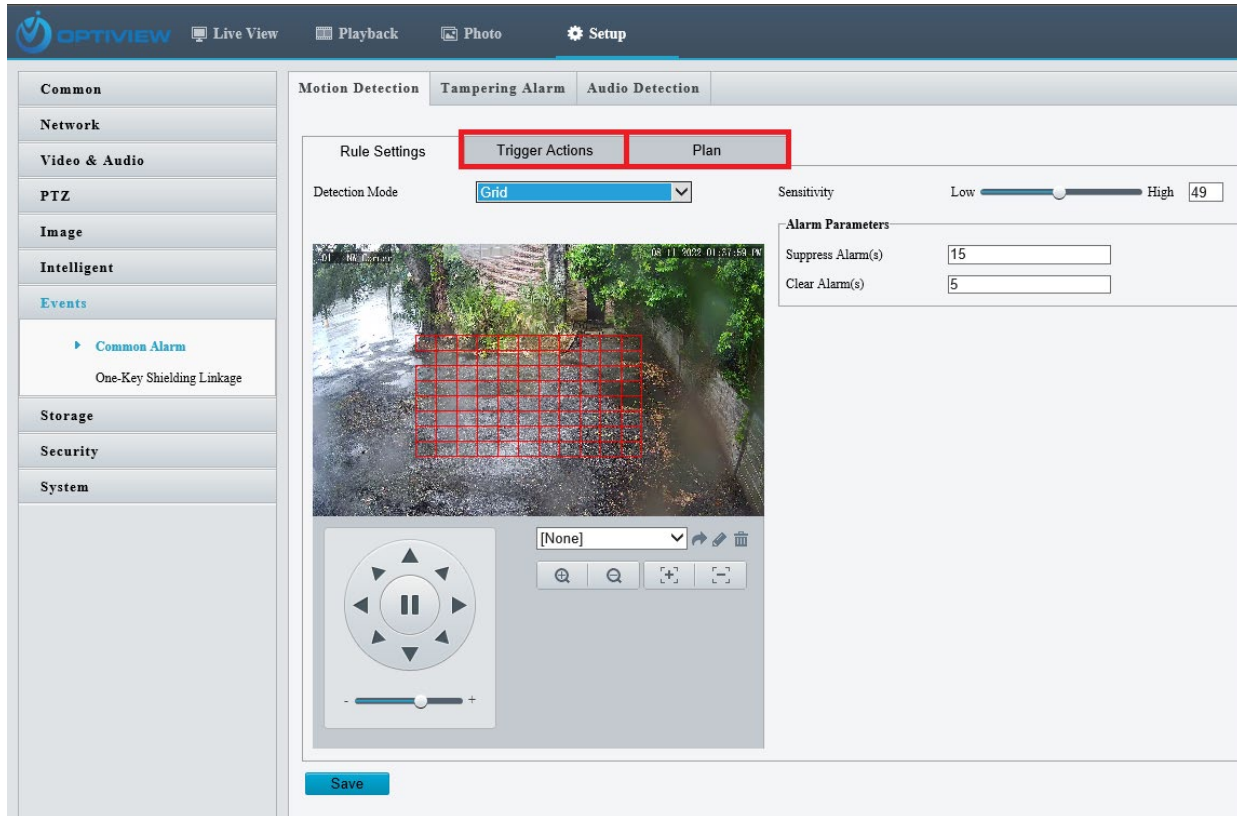
5. You can use your mouse to click inside the grid to remove areas you do not want Motion Detection enabled. You can use the mouse to click and re-add the area if needed:



6. To the right of the view window, you can change the sensitivity of the motion detection grid by moving the slider bar left or right. You can edit “**Alarm Parameters**” here as well:

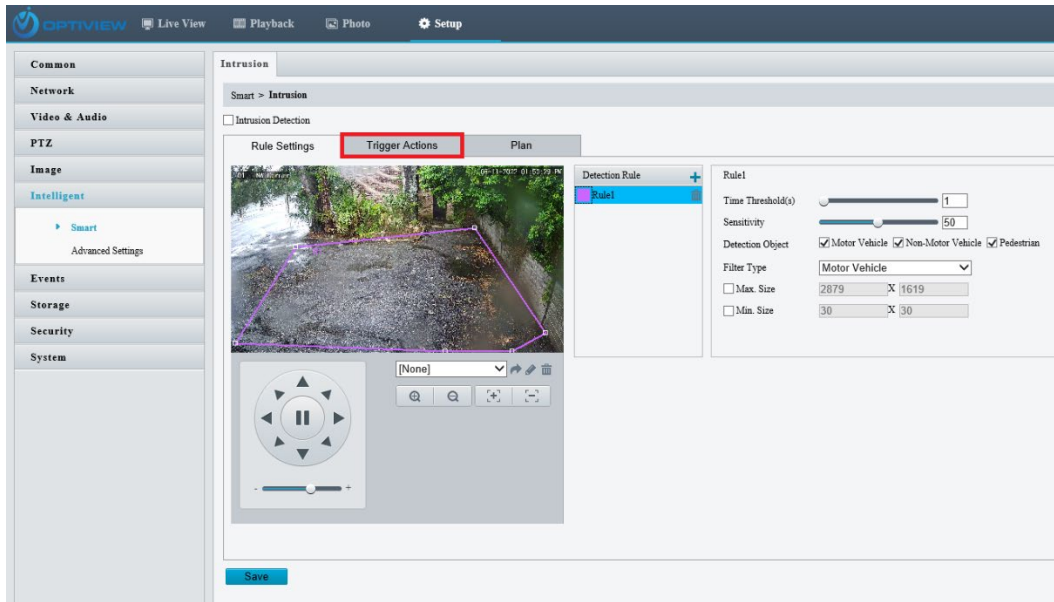


7. For “Trigger Actions” and “Plan” settings, see page 38.

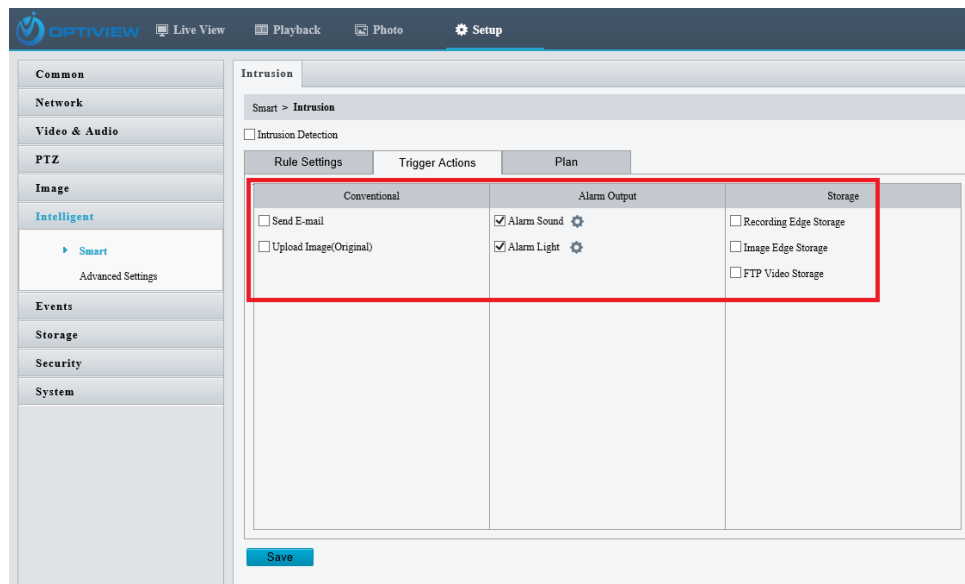


Trigger Actions, Plan and FTP

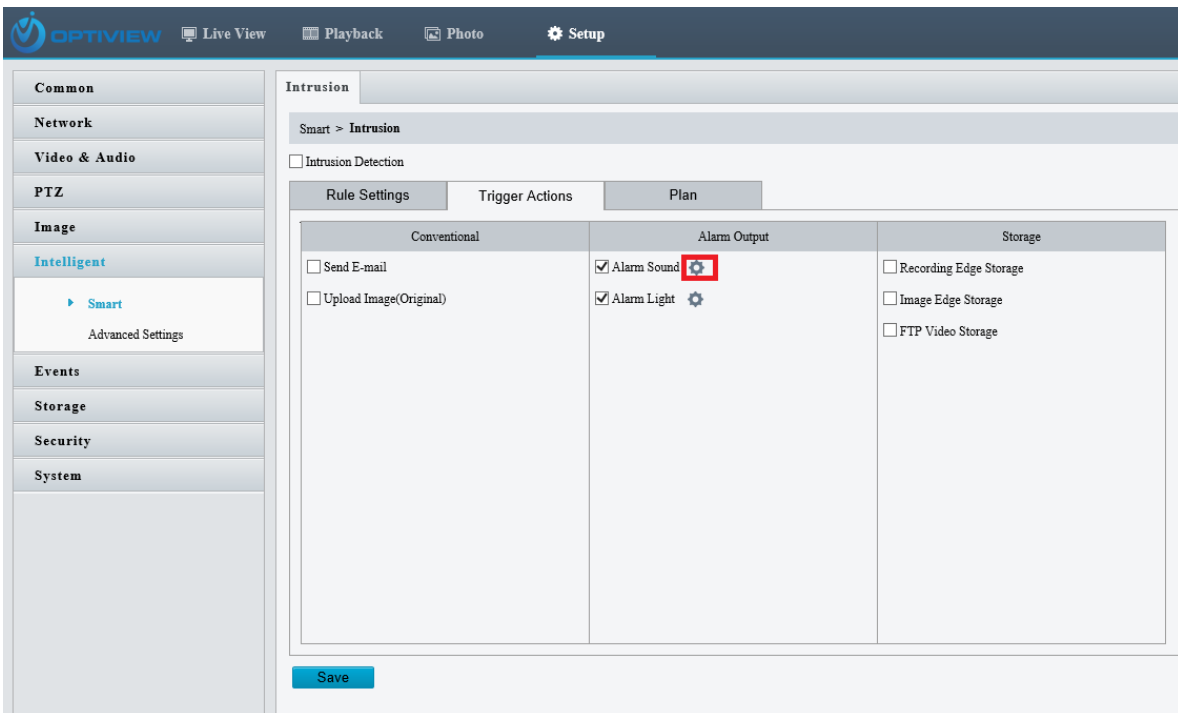
Trigger Actions can be found in the Perimeter Protection modes (Cross Line, Enter Area, Leave Area, and Intrusion) menus by clicking “**Trigger Actions**” at the top of the screen. Here is an example from the “**Intrusion**” zone menu:



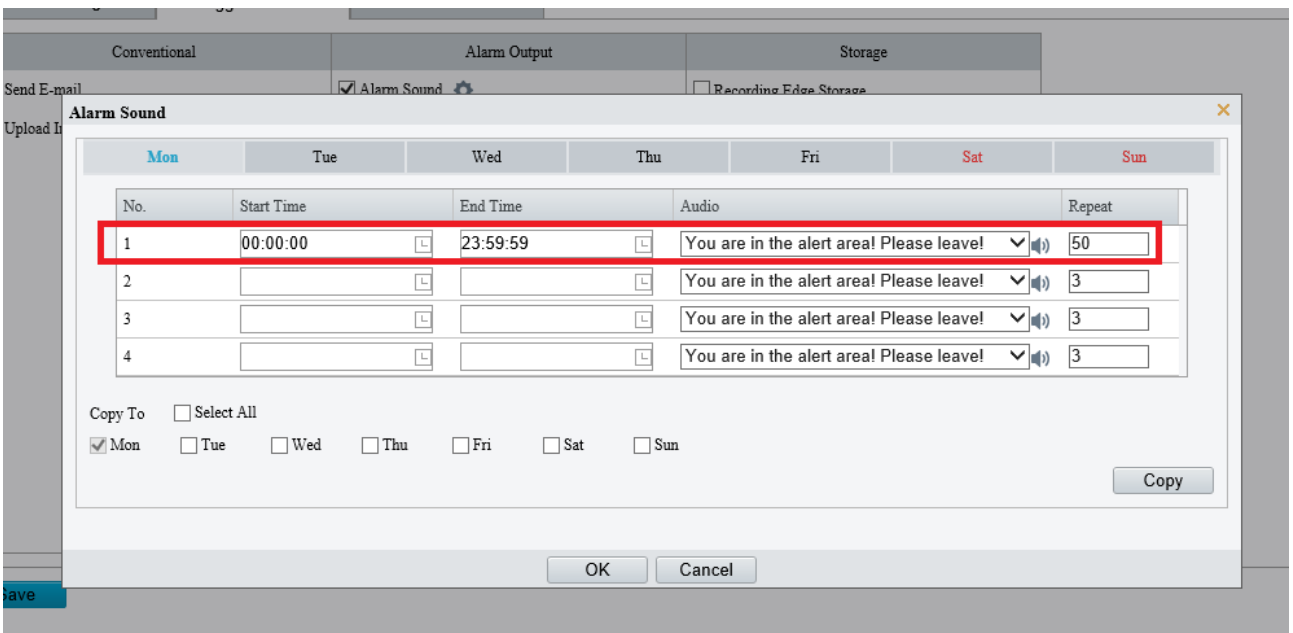
1. For all of the Perimeter Protection Modes (Cross Line, Enter Area, Leave Area, and Intrusion) the Trigger Actions screen will give you the following options:



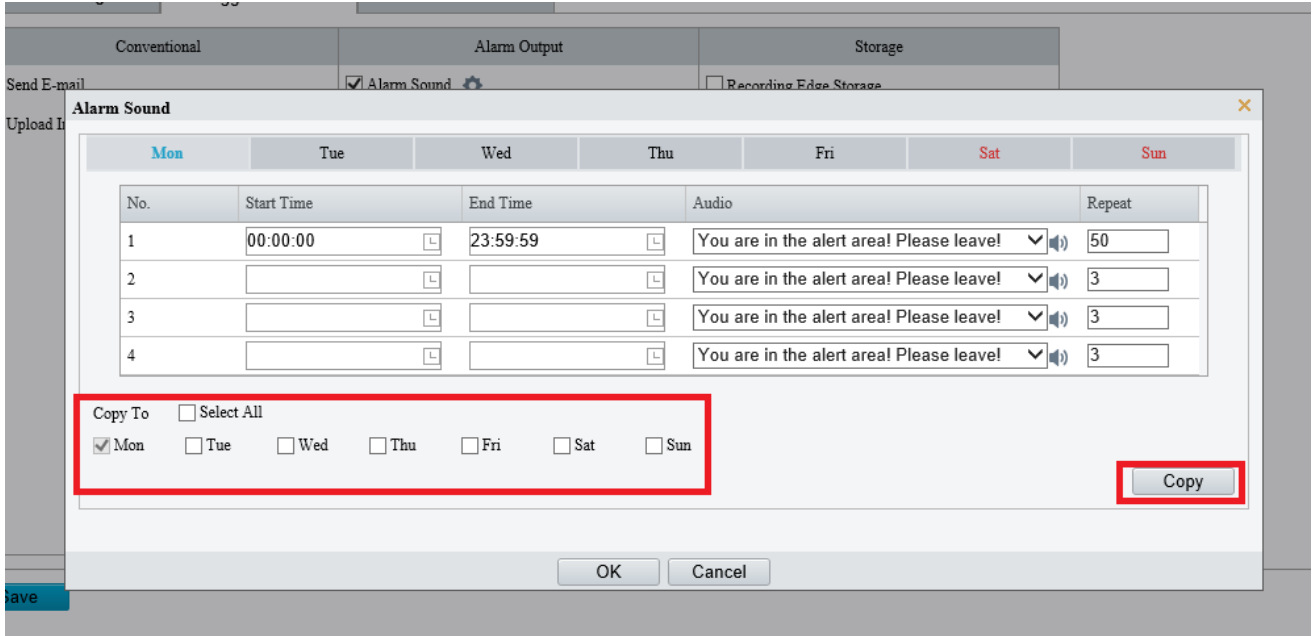
2. Click the gear next to “Alarm Sound” to edit the Alarm Sound settings:



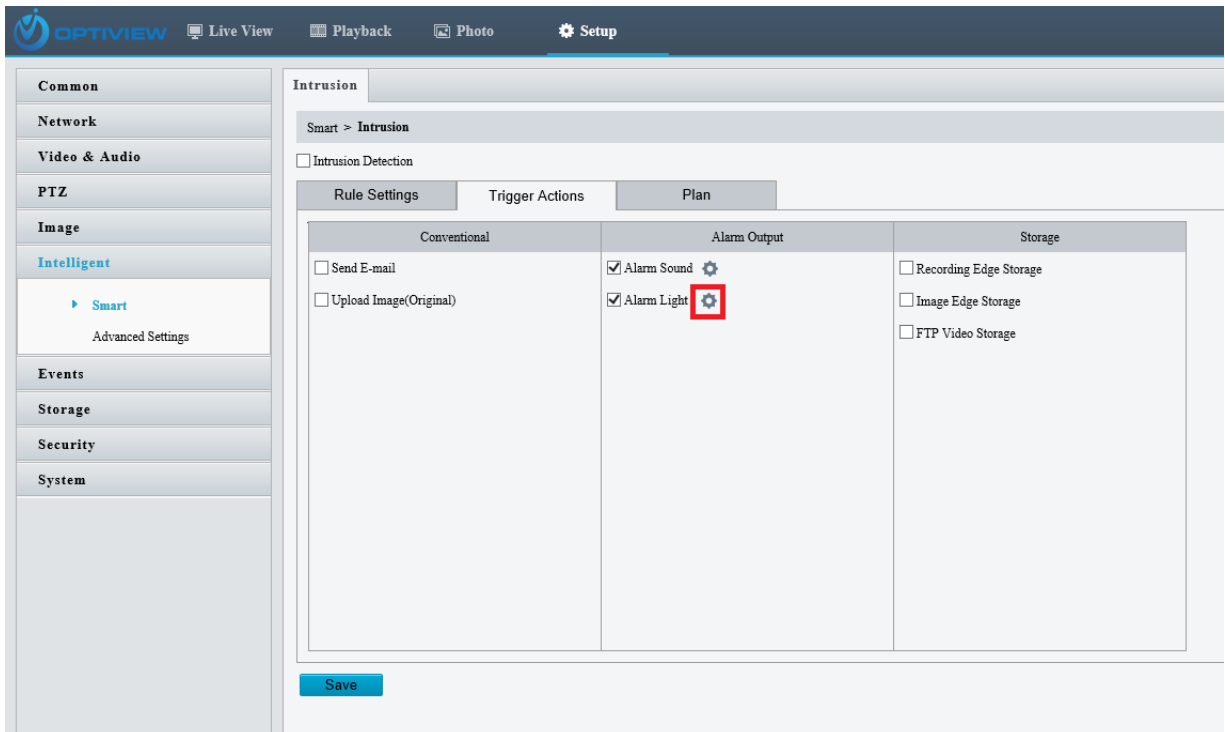
3. The following window will appear and you can set a start and end time as well as choose which sound to play from the drop down menu. You can also set how many times you want the sound to repeat:



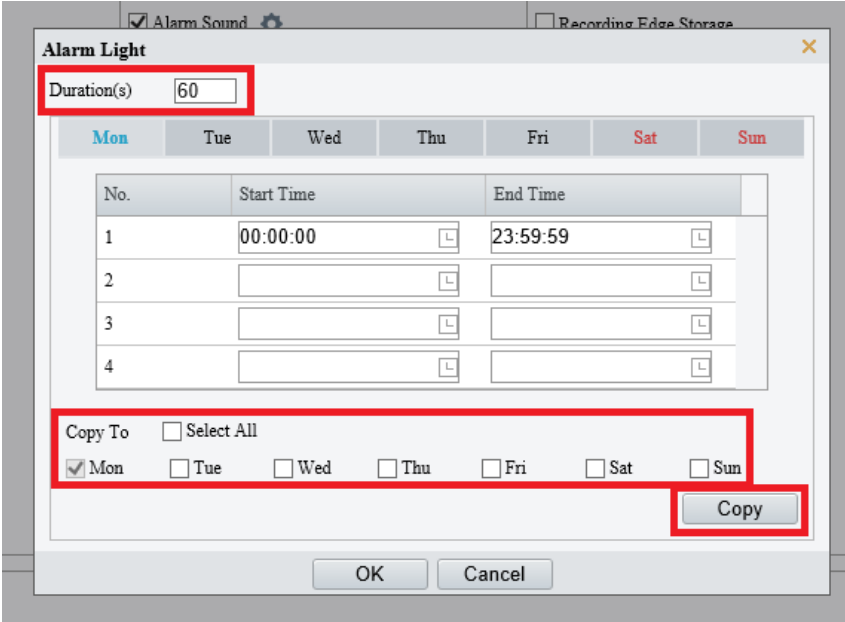
- At the bottom you can choose which days, if any, you want to copy the settings to. Once you have the days selected, click Copy:



- Back at the Trigger Action menu, click “Alarm Light”:



6. The following menu will appear. Here you can set a duration for the light to stay on after being triggered. You can also copy the settings to the appropriate days at the bottom of the menu. Click Copy once you are done:



Alarm Light

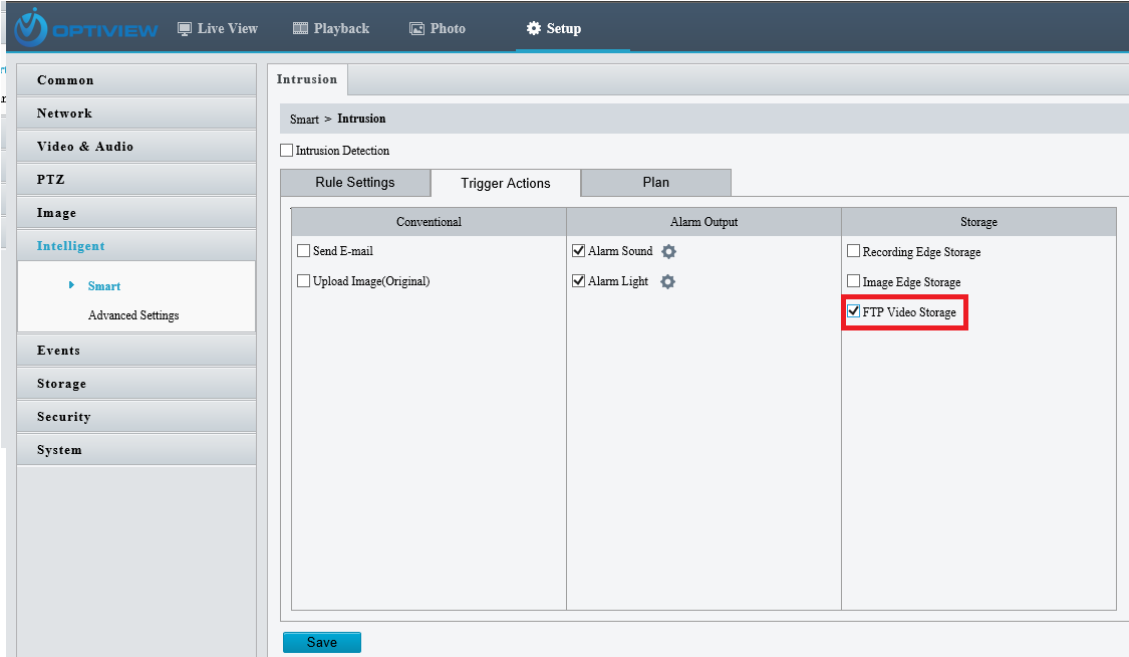
Duration(s)

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
No.							
1	00:00:00						23:59:59
2							
3							
4							

Copy To Select All

Mon Tue Wed Thu Fri Sat Sun

7. You can save footage to an FTP server by checking the “FTP Video Storage” box at the Trigger Actions menu:



OPTIVIEW Live View Playback Photo Setup

Intrusion

Smart > Intrusion

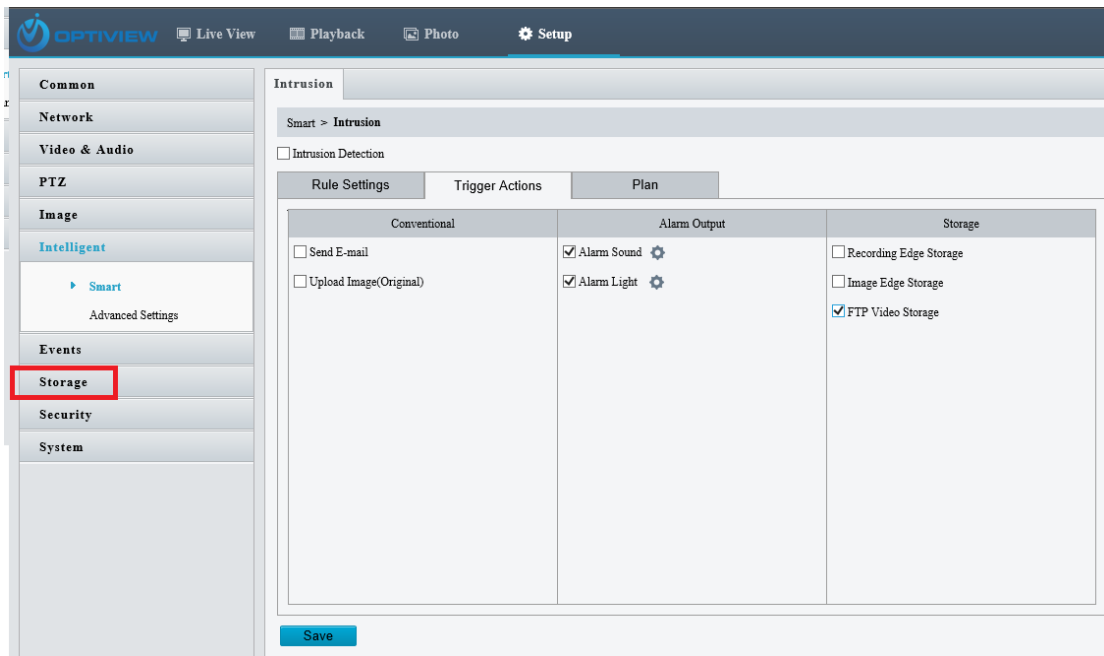
Intrusion Detection

Rule Settings Trigger Actions Plan

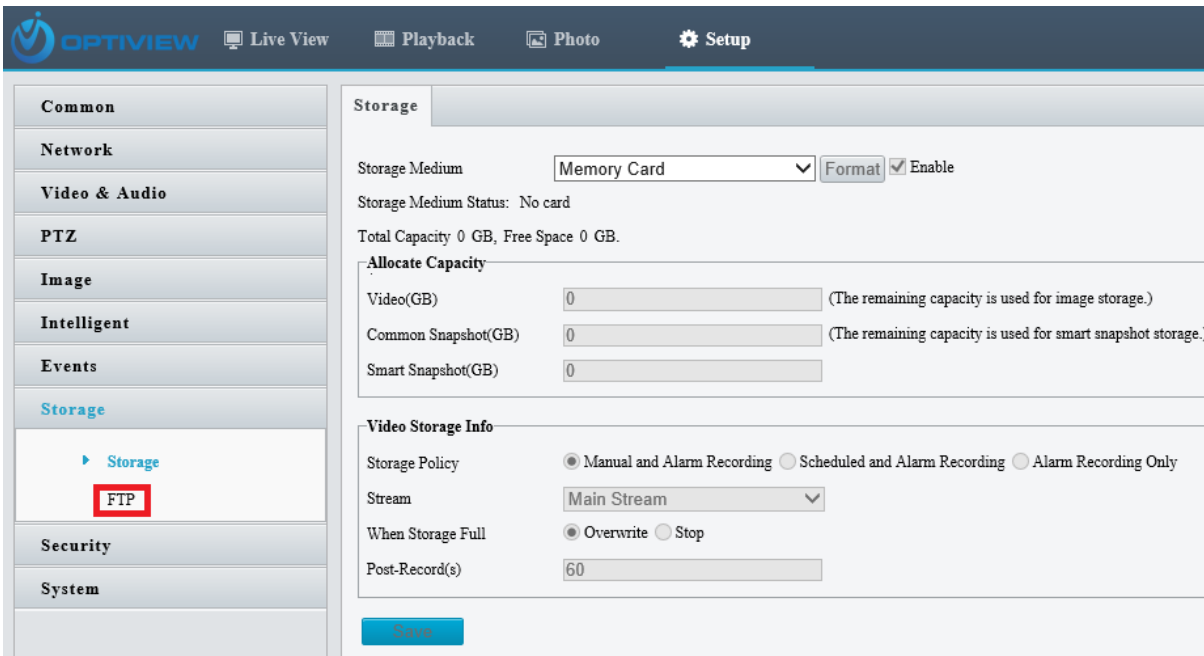
Conventional	Alarm Output	Storage
<input type="checkbox"/> Send E-mail	<input checked="" type="checkbox"/> Alarm Sound	<input type="checkbox"/> Recording Edge Storage
<input type="checkbox"/> Upload Image(Original)	<input checked="" type="checkbox"/> Alarm Light	<input type="checkbox"/> Image Edge Storage
		<input checked="" type="checkbox"/> FTP Video Storage



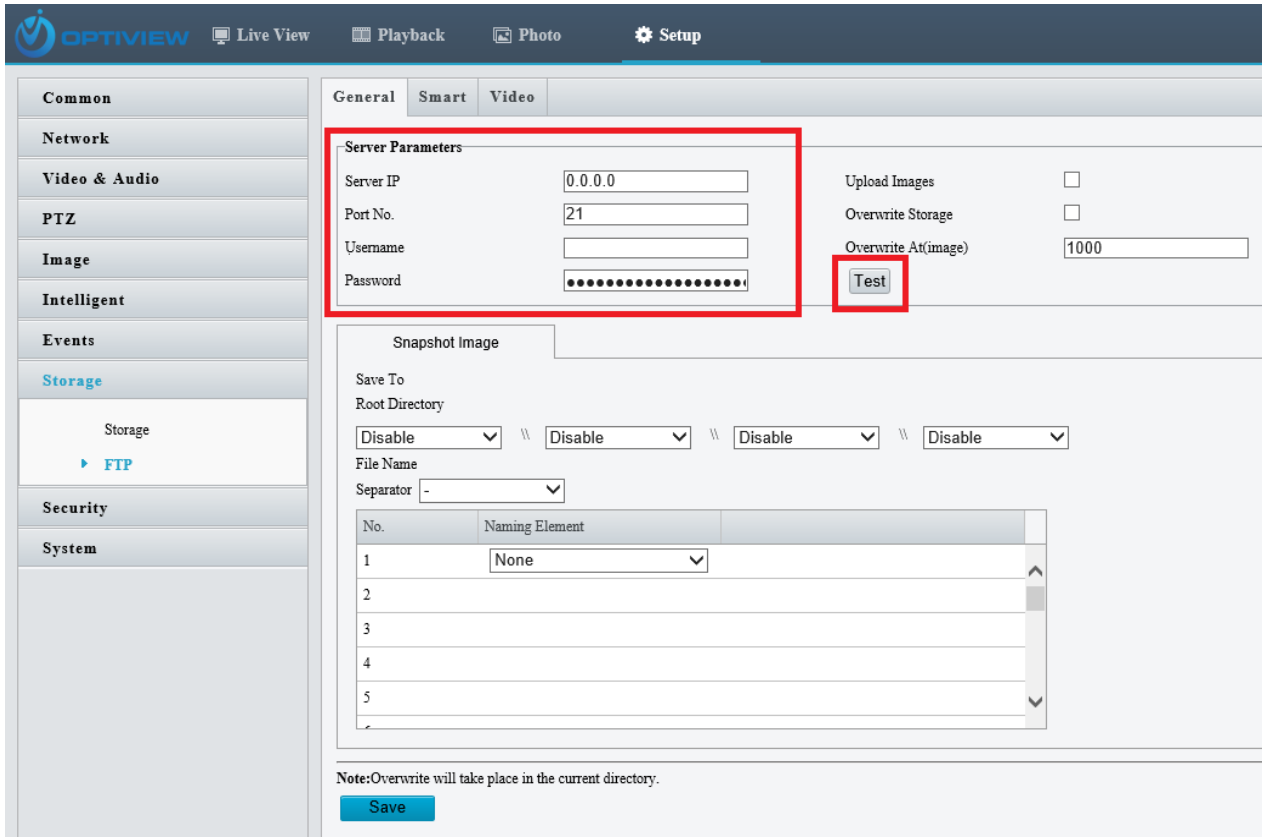
8. Click “Storage” on the left side menu:



9. Click “FTP” on the left side menu:



10. Here you can input your FTP server credentials and even send a test file to your FTP server:



The screenshot shows the OPTIVIEW Setup interface. The left sidebar contains a navigation menu with categories: Common, Network, Video & Audio, PTZ, Image, Intelligent, Events, Storage (with a sub-item for FTP), Security, and System. The main content area is titled 'Setup' and has tabs for 'General', 'Smart', and 'Video'. The 'General' tab is active, showing 'Server Parameters' and 'Snapshot Image' sections.

Server Parameters (highlighted with a red box):

- Server IP: 0.0.0.0
- Port No.: 21
- Username: [Empty]
- Password: [Masked]
- Upload Images:
- Overwrite Storage:
- Overwrite At(image): 1000
- Test** button (highlighted with a red box)

Snapshot Image section:

- Save To: Root Directory
- Root Directory: [Disable] \ [Disable] \ [Disable] \ [Disable]
- File Name: [Empty]
- Separator: -
- Table with 2 columns: No. and Naming Element

No.	Naming Element
1	None
2	
3	
4	
5	

Note: Overwrite will take place in the current directory.

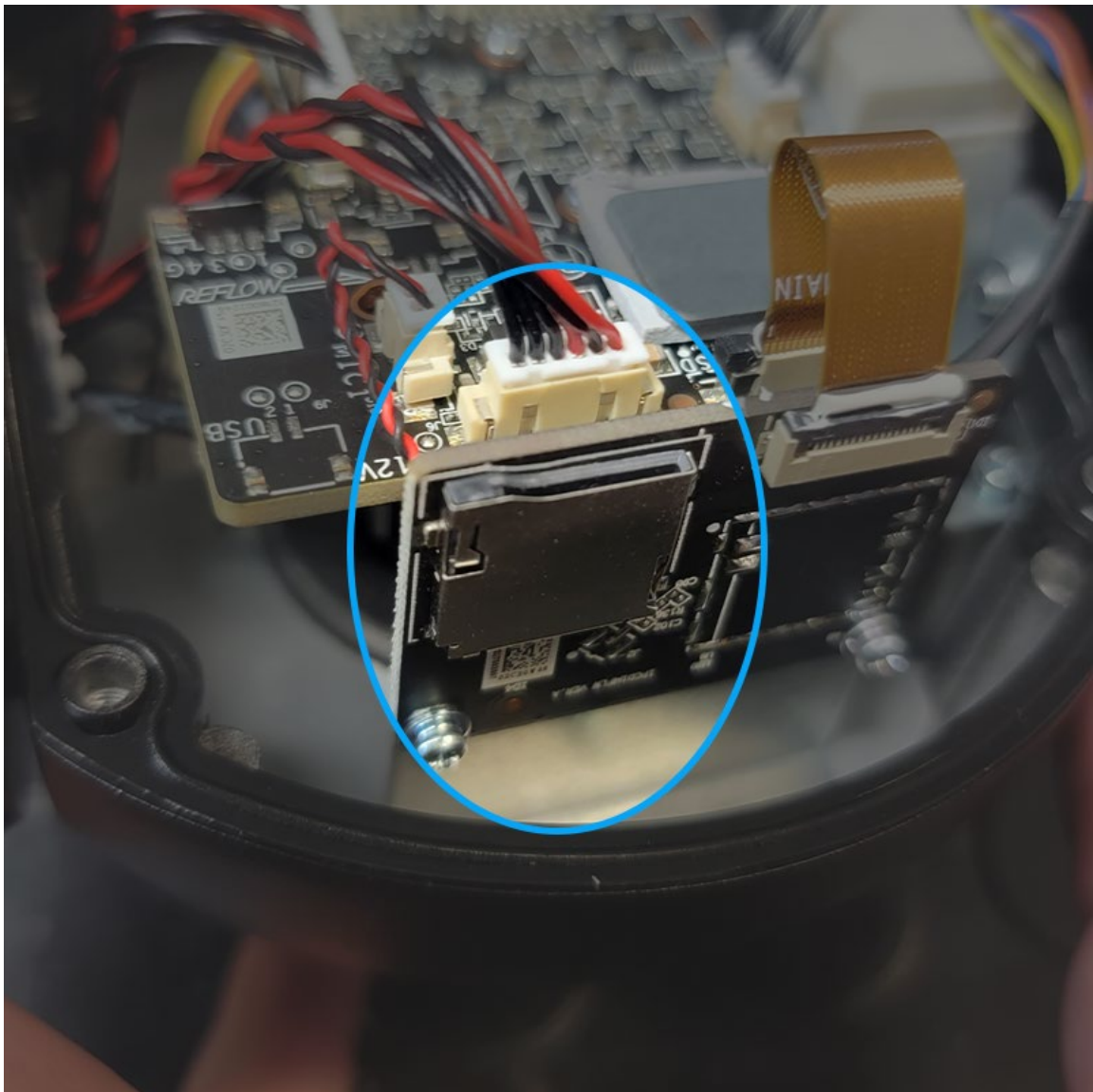
Save button

SD Card

1. To install an SD card into your camera, open the shell on the back side of the camera by loosening the 4 screws that secure it:

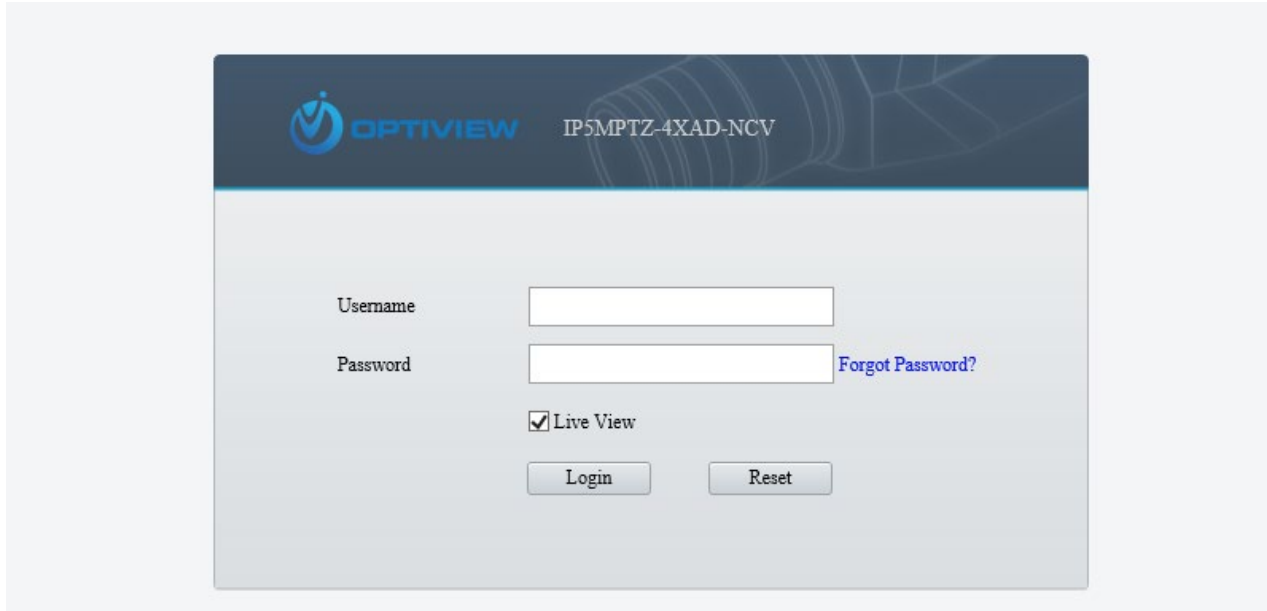


2. Install your SD card into the SD card slot:

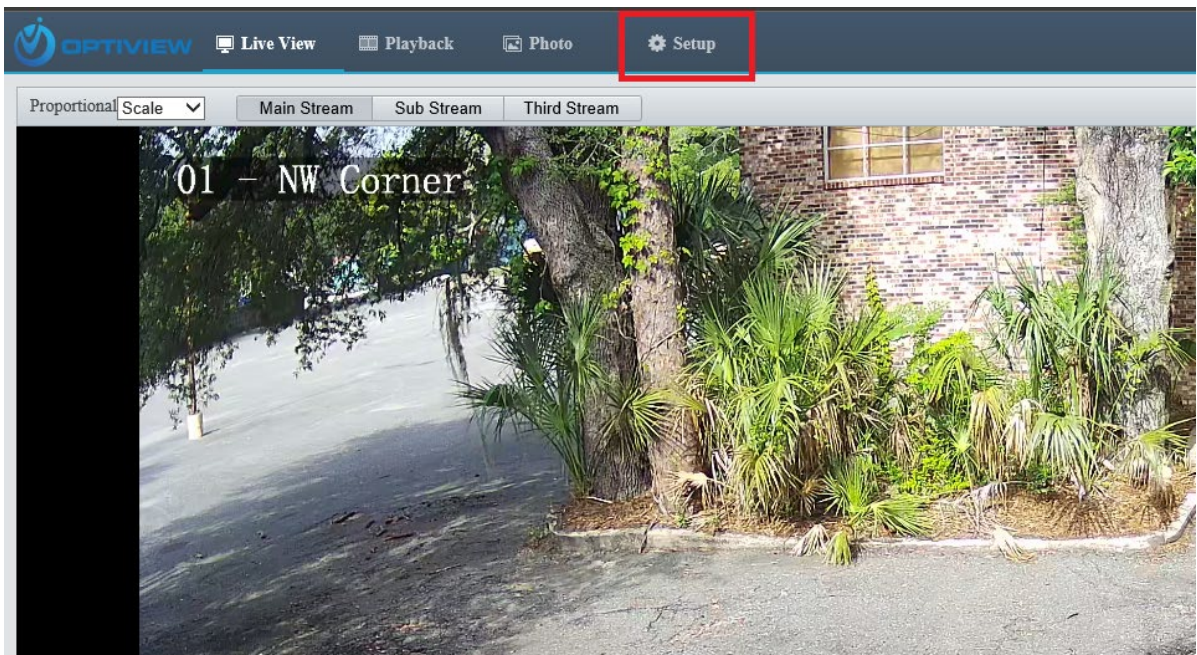




3. Log into your camera's web interface by navigating to the IP address of the camera in your web browser:

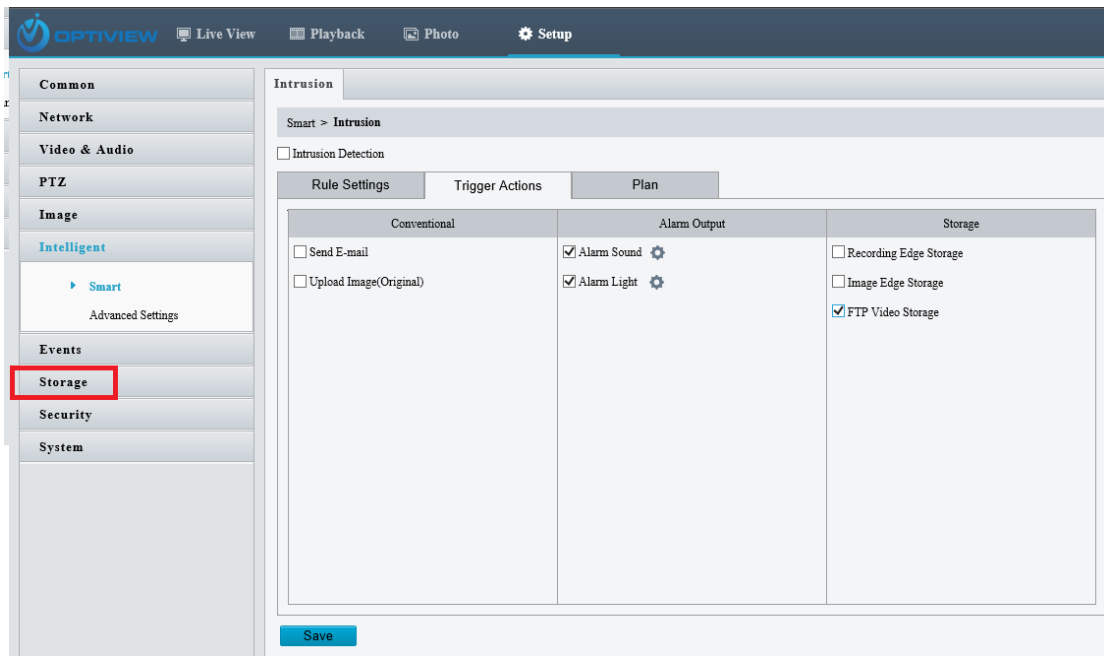


4. Once logged in, click "Setup" at the top of the screen:

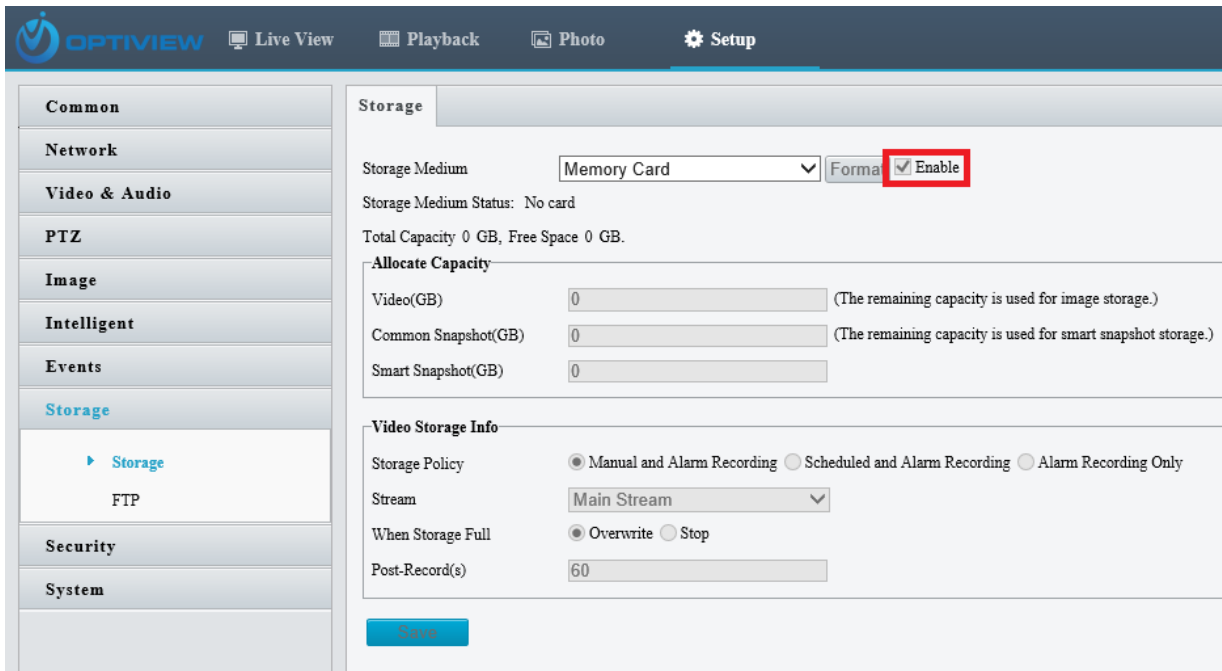




5. Click “Storage” on the left side menu:

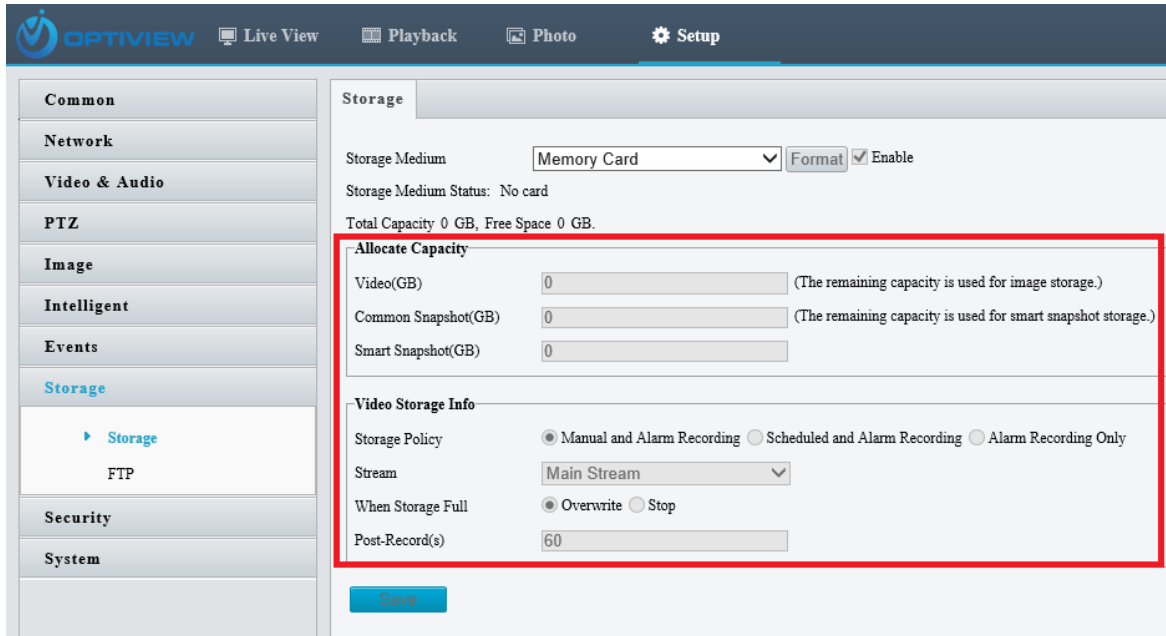


6. Ensure the “Enable” checkbox is checked:





7. Fill out the following information in order to ensure the recording parameters are configured to your liking:



8. You are done. If you need to pull footage from the SD card, simply remove it and insert it into a device that can play it back.