



iVSEC

INTELLIGENT VIDEO SECURITY

www.ivsecurity.com.au

MODIFYING WHITE LIGHT SETTINGS

ABOUT THIS DOCUMENT

Some of the iVSEC camera range have inbuilt white lights (LEDs) that turn on at night as a deterrent to intruders and for colour recording at night. Please follow this guide to learn how to disable this function or have then turn on only when motion is detected.

GETTING STARTED

To adjust these settings, you will need to have the following:

- Monitor and USB mouse connected to iVSEC recorder
- Laptop (if you are logging into recorder using a web browser)
- iVSEC X mobile app installed and your iVSEC recorder added to the app

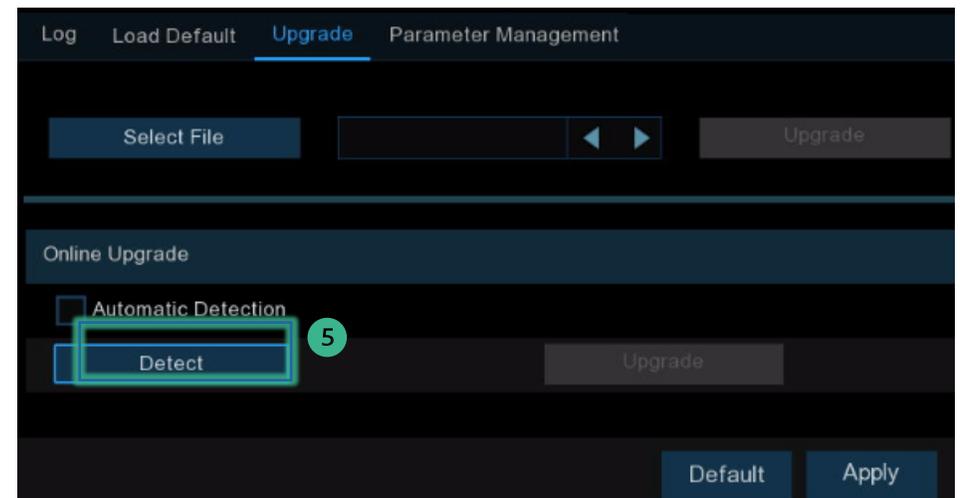
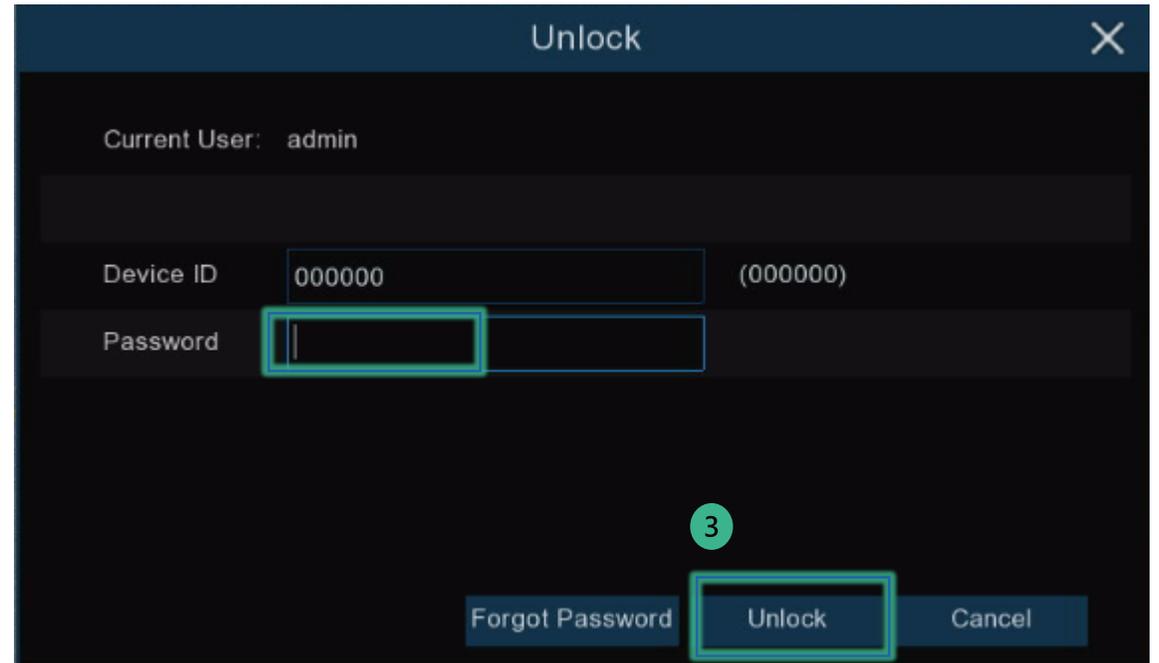
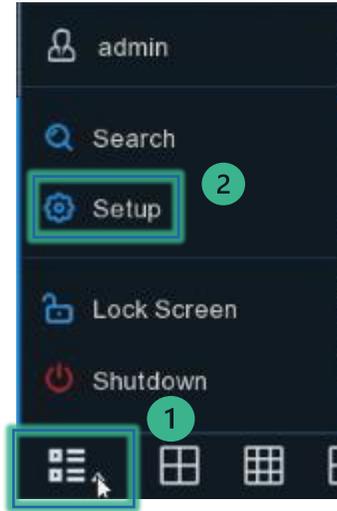
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CHECK FOR FIRMWARE UPDATE (USING MONITOR & MOUSE)

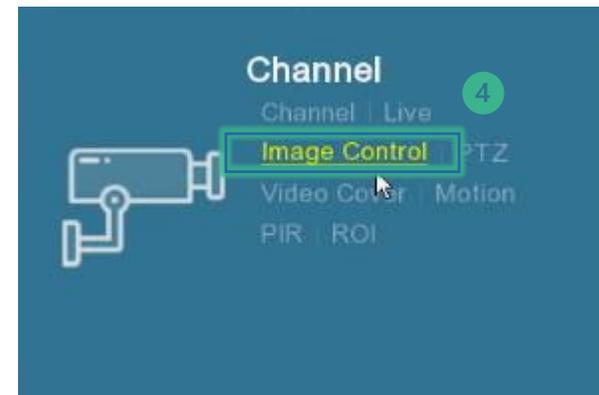
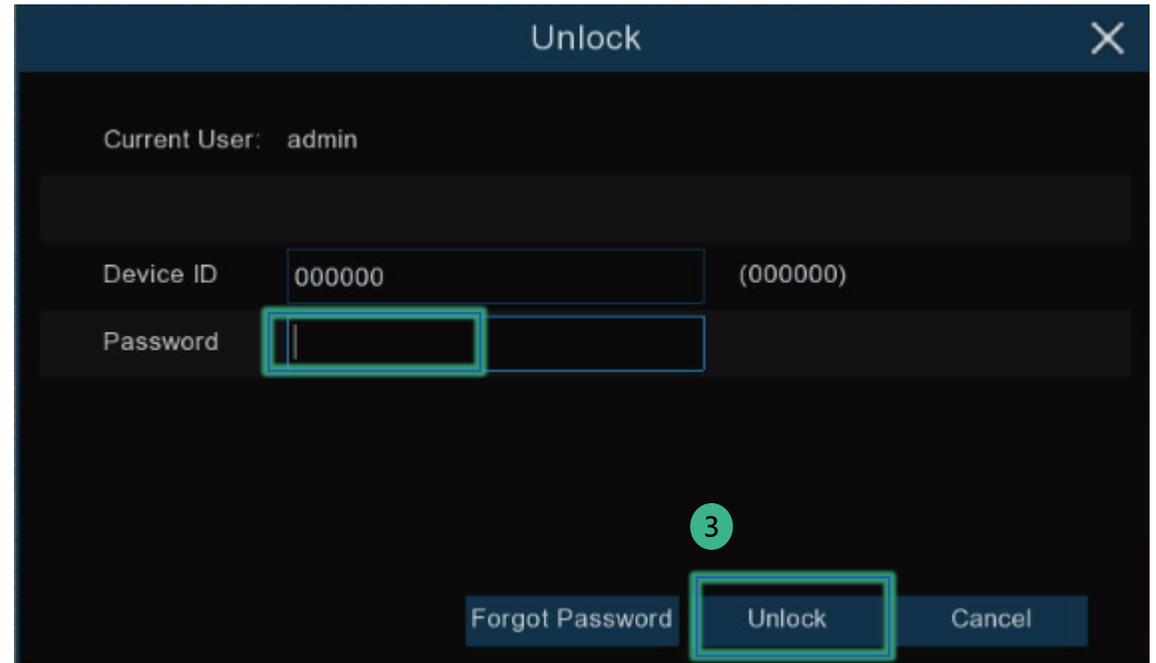
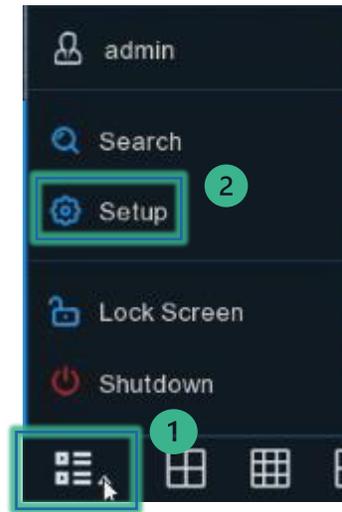
It is important to have the latest firmware installed. The below steps show how to check for an update using a monitor and mouse

- 1 Click the 4 squares on bottom left corner of the screen.
- 2 Click **Setup**.
- 3 If prompted, enter your password and click **unlock**
- 4 Click **Maintenance** (Under the System Menu)
- 5 Click **Detect**. If a new firmware version is available a message will appear. Click **Upgrade**. If prompted, enter your recorders password. The upgrade will take approx. 5 minutes. **DO NOT** power off the recorder during this process!



ACCESSING IMAGE CONTROL MENU (USING MONITOR & MOUSE)

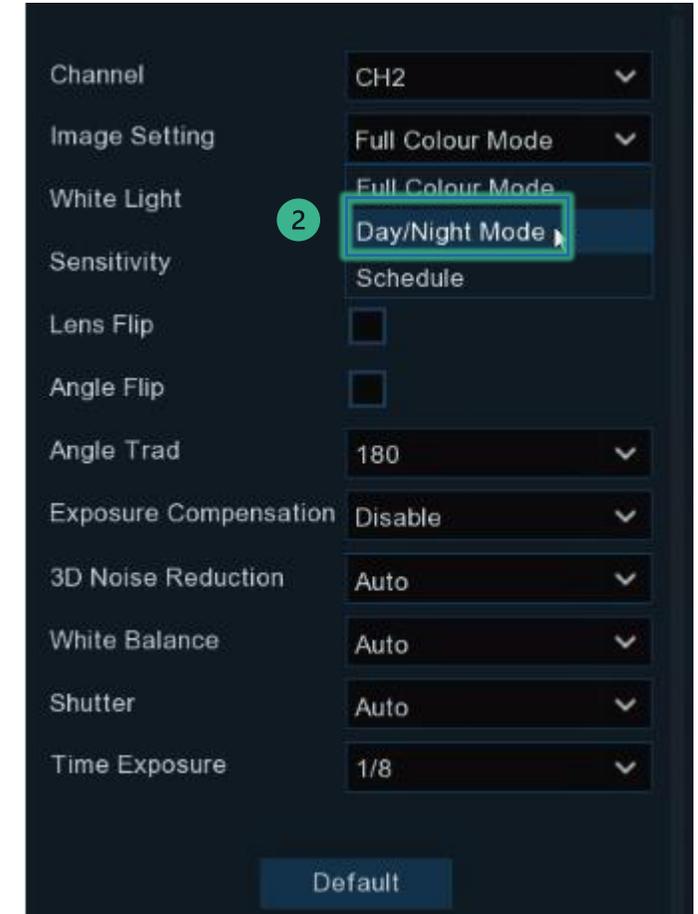
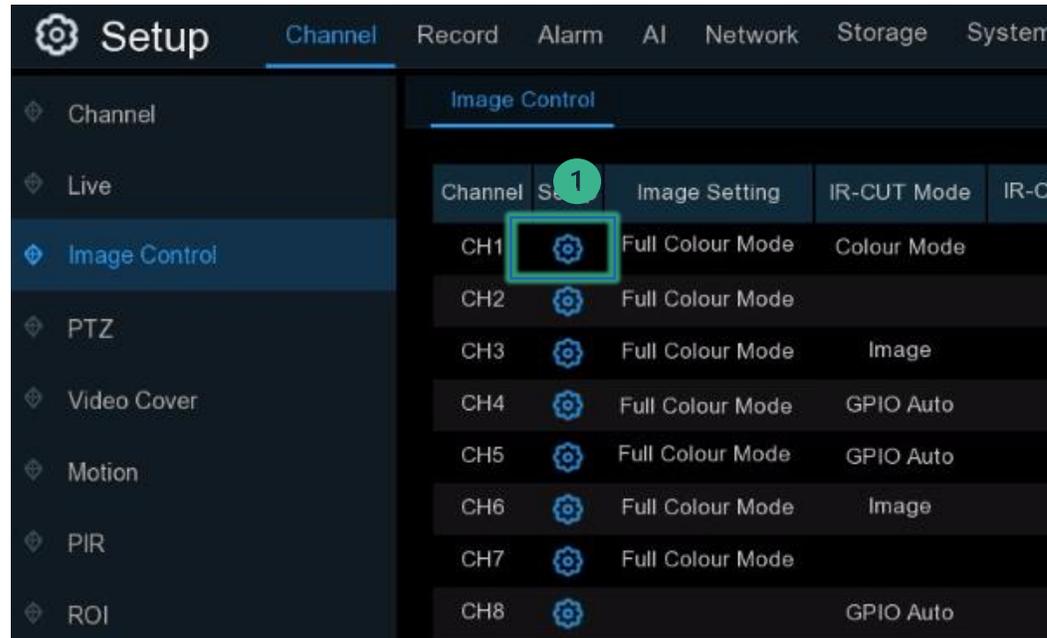
- 1 Click the 4 squares on bottom left corner of the screen.
- 2 Click **Setup**
- 3 If prompted, enter your password and click **unlock**
- 4 Click **Image Control** (Under the **Channel** Menu)



CHANGING IMAGE CONTROL SETTINGS TO DAY/NIGHT MODE (MONITOR & MOUSE)

Check the column named “Image Setting”. If any camera is set to Full Colour Mode follow below steps.

- 1 Click the  icon for any channel where the image setting is set to **Full Colour Mode**
- 2 **Image Setting:** Click the drop-down menu and select **Day/Night Mode**. Click the right mouse button to go back a menu
- 3 Repeat steps 1-2 for all cameras that have **Full Colour Mode** listed under the image setting column



CHANGING MOTION SETTINGS (USING MONITOR & MOUSE)

These changes will ensure any motion events will be based on human and vehicle detection

- 1 Click **Channel**
- 2 Click **Motion**
- 3 Ensure the **Switch** option is ticked for all cameras
- 4 **SMD by Recorder**: Set all cameras to "Vehicle & Pedestrian"
- 5 Click **Apply**

The screenshot shows the 'Setup Channel' interface with the 'Motion' sub-tab selected. The interface includes a left sidebar with navigation options and a main table for configuring motion settings for eight channels (CH1-CH8). The 'Channel' menu item is highlighted with a red box and a '1' callout. The 'Motion' option in the sidebar is highlighted with a red box and a '2' callout. The 'Switch' column in the table has checkboxes for all channels, with the first one highlighted by a red box and a '3' callout. The 'SMD by Recorder' column has dropdown menus, with the first one set to 'Vehicle & Pedestrian' and highlighted by a red box and a '4' callout. The 'Apply' button at the bottom right is highlighted with a red box and a '5' callout.

Channel	Setup	Switch	Sensitivity	SMD by Recorder
CH1		<input checked="" type="checkbox"/>	3	Vehicle & Pedestrian
CH2		<input checked="" type="checkbox"/>	3	Vehicle & Pedestrian
CH3		<input checked="" type="checkbox"/>	3	Vehicle & Pedestrian
CH4		<input checked="" type="checkbox"/>	3	Vehicle & Pedestrian
CH5		<input checked="" type="checkbox"/>	3	Vehicle & Pedestrian
CH6		<input checked="" type="checkbox"/>	3	Vehicle & Pedestrian
CH7		<input checked="" type="checkbox"/>	5	Motion
CH8		<input checked="" type="checkbox"/>	3	Vehicle & Pedestrian

CHANGING DETERRENCE SETTINGS (USING MONITOR & MOUSE)

These changes will set the white light to turn in the evening when a motion event is detected. White light can also be disabled in this menu

1 Click **Alarm**. Click **Deterrence**

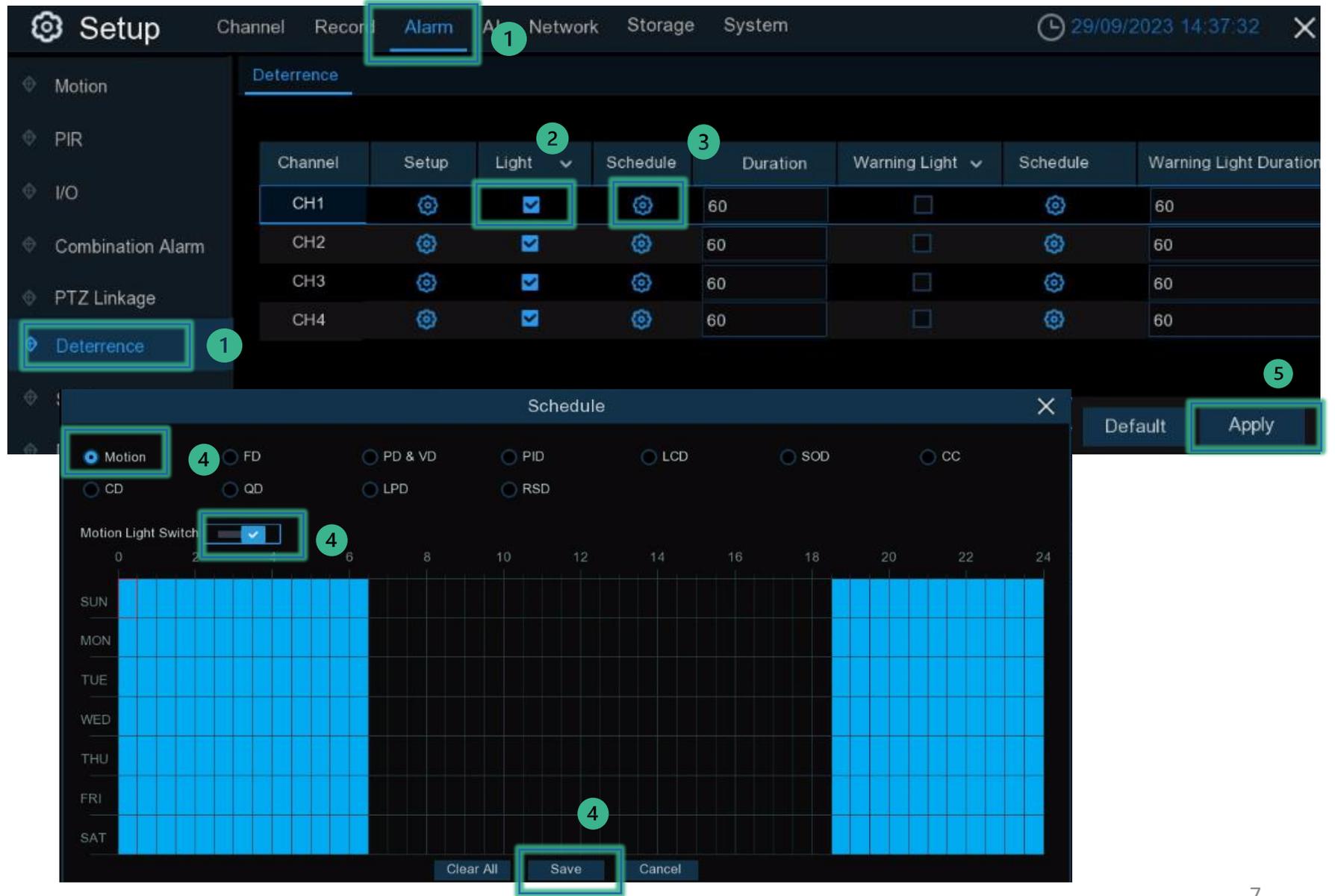
2 Under the **Light** column ensure the **Switch** option is ticked for all cameras.

IMPORTANT: If you prefer to disable the white light function you should untick this option for each camera

3 Click **Schedule**  icon.

4 Click **Motion**. Enable the **"Motion Light Switch"**. Click **Save**

5 Repeat steps 3-4 for all cameras and click **Apply**



The screenshot shows the 'Setup' interface with the 'Alarm' tab selected. The 'Deterrence' section is active, displaying a table of camera channels (CH1-CH4) with columns for Setup, Light, Schedule, Duration, Warning Light, and Warning Light Duration. The 'Light' column has checkboxes for each channel, all of which are checked. A 'Schedule' dialog is open, showing various alarm types (Motion, FD, PD & VD, PID, LCD, SOD, CC, CD, QD, LPD, RSD) and a 'Motion Light Switch' dropdown menu set to 'Motion'. The 'Save' button is highlighted.

Channel	Setup	Light	Schedule	Duration	Warning Light	Schedule	Warning Light Duration
CH1		<input checked="" type="checkbox"/>		60	<input type="checkbox"/>		60
CH2		<input checked="" type="checkbox"/>		60	<input type="checkbox"/>		60
CH3		<input checked="" type="checkbox"/>		60	<input type="checkbox"/>		60
CH4		<input checked="" type="checkbox"/>		60	<input type="checkbox"/>		60

CHECK FOR FIRMWARE UPDATE (USING WEB BROWSER)

Login to the iVSEC recorder using a Web browser using the recorder's IP address.

- 1 Click **Remote Setting**
- 2 Click **Maintenance** (located under the **System** menu)
- 3 Click **Upgrade**
- 4 Click **Detect**
- 5 If a new firmware version is available a message will appear. Click **Upgrade**. If prompted, enter your recorders password. The upgrade will take approx. 5 minutes. **DO NOT** power off the recorder during this process

The screenshot displays the iVSEC web interface. The top navigation bar includes 'Live', 'Playback', and 'Remote Setting' (highlighted with a green box and a '1' in a circle). The left sidebar menu shows 'Network' and 'System' sections. Under 'System', 'Maintenance' is highlighted with a green box and a '2' in a circle. The main content area shows the 'Upgrade' button highlighted with a green box and a '3' in a circle. Below it, the 'Automatic Detection' section has a 'Detect' button highlighted with a green box and a '4' in a circle. An 'Auto Upgrade' dialog box is open, displaying the message: 'There is a new version V8.2.3.2-20230323. Do you want to upgrade?' The 'Upgrade' button in the dialog is highlighted with a green box and a '5' in a circle. A red warning message 'Don't close the browser' is visible at the bottom left of the dialog.

CHANGING IMAGE CONTROL SETTINGS (USING WEB BROWSER)

Login to the iVSEC recorder via Web browser using the recorder's IP address.

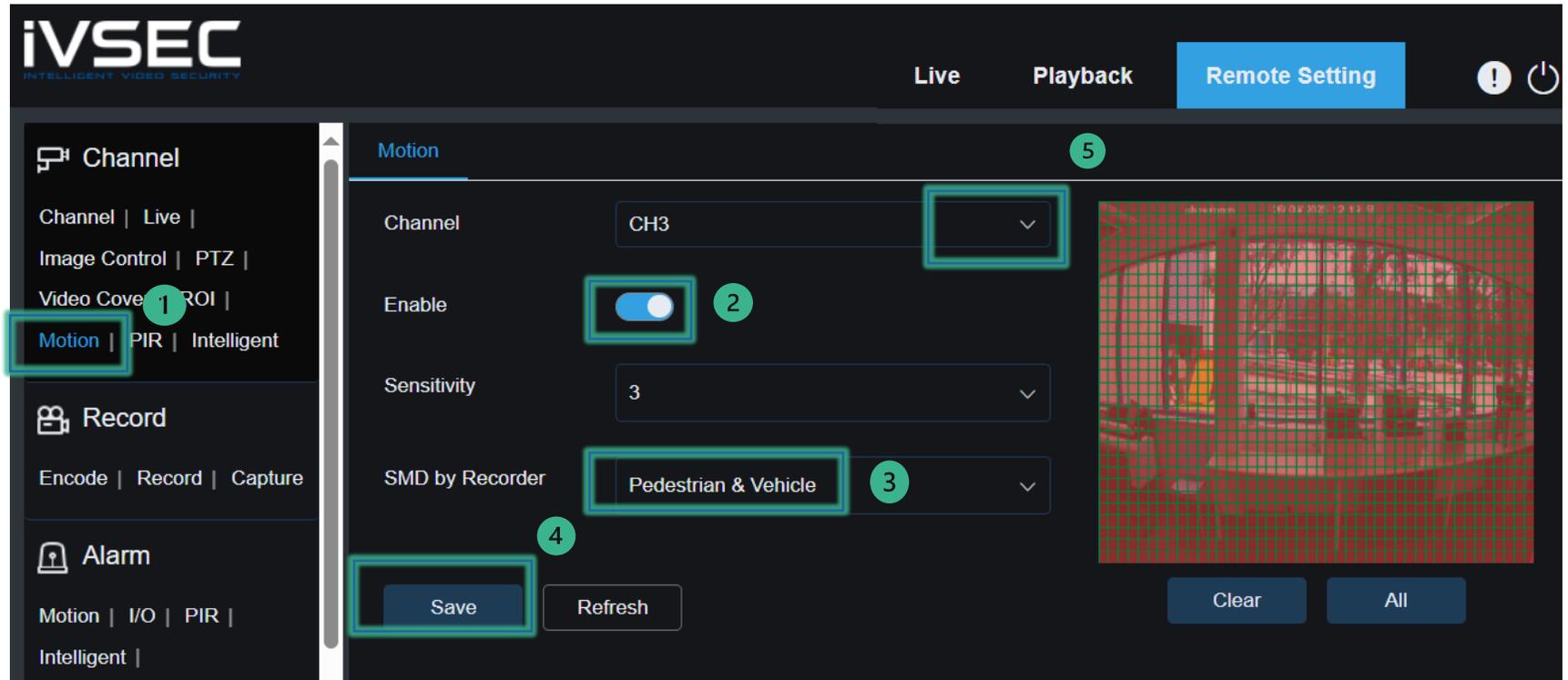
- 1 Click **Remote Setting**
- 2 Click **Image Control** (located under the Channel menu)
- 3 **Image Setting:** If currently set to Full colour mode change it to **Day/night Mode**
- 4 Click "**Save**"
- 5 Press the Channel drop-down menu. Select a different channel number & repeat steps 3-4 for all channels

The screenshot displays the iVSEC web interface. At the top, there are tabs for 'Live', 'Playback', and 'Remote Setting' (highlighted with a green box and callout 1). The left sidebar contains a 'Channel' menu with 'Image Control' highlighted (callout 2). The main area is titled 'Image Control' and contains various settings: Channel (CH3, callout 5), Image Setting (Day/Night Mode, callout 3), IR-CUT Mode (Image), Sensitivity (1), IR-CUT Delay (slider), IR-LED (Manual), Low Beam Light (slider), and an 'Advanced' section with Shutter (Automatic mode), Time Exposure (1/8), and 3D Noise Reduction (Automatic mode). At the bottom, there are 'Save' (callout 4), 'Default', and 'Refresh' buttons. On the right, a live video feed shows an office interior with a 'COPE' sign on the window.

CHANGING IMAGE CONTROL SETTINGS (USING WEB BROWSER)

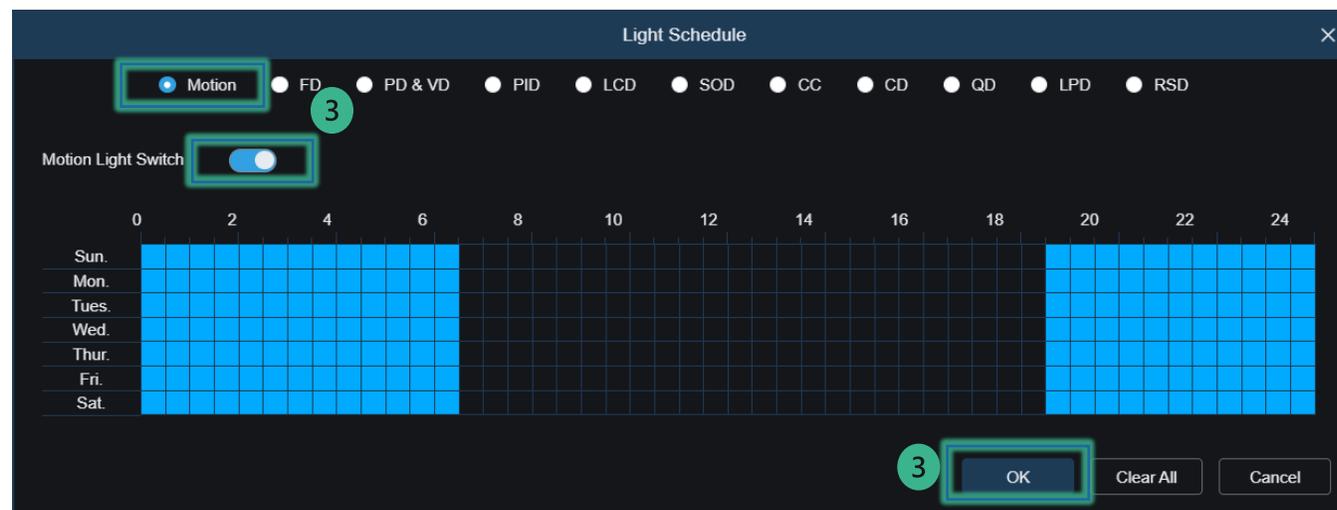
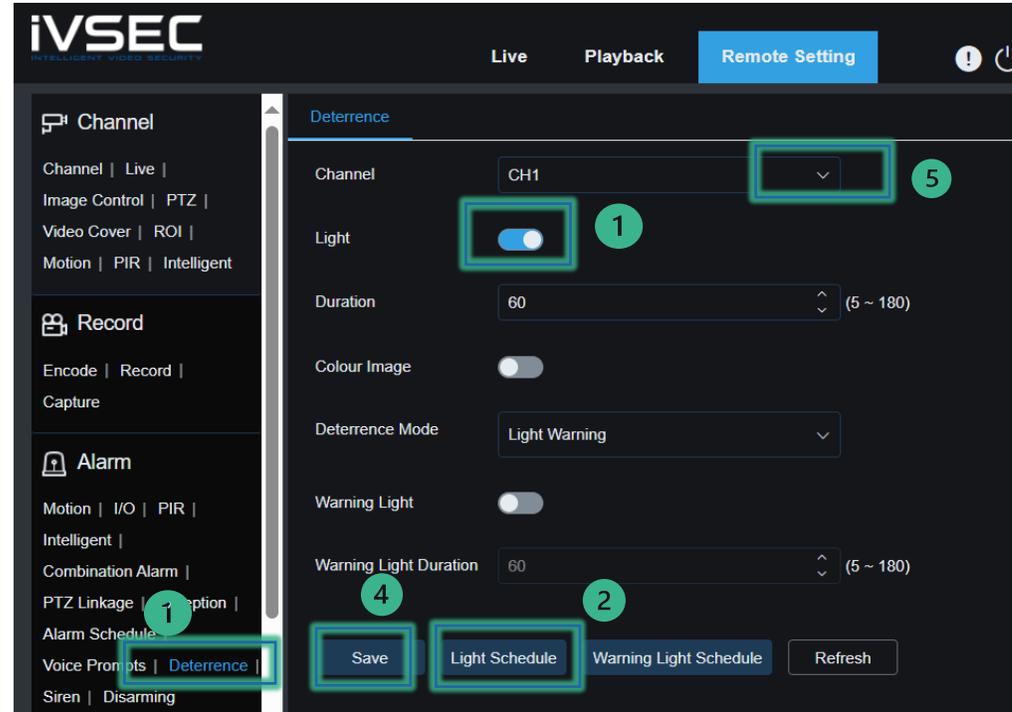
Login to the iVSEC recorder via Web browser using the recorder's IP address.

- 1 Click **Motion**
- 2 Click the **Enable** swipe bar (Blue = enable)
- 3 **SMD by Recorder**: Set to **Pedestrian & Vehicle**
- 4 Click **Save**
- 5 Press the **Channel** drop-down menu. Select a different channel number & repeat steps 2-4 for all channels



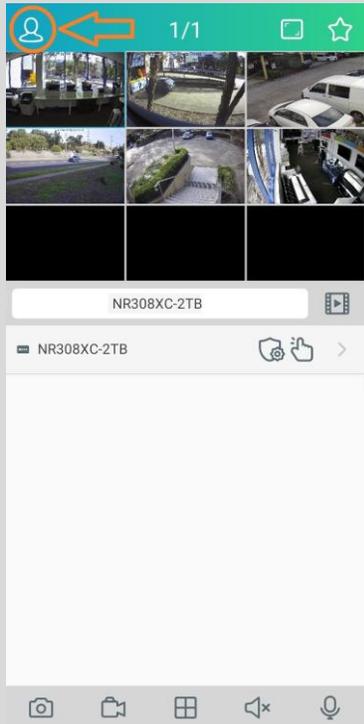
CHANGING IMAGE CONTROL SETTINGS (USING WEB BROWSER)

- 1 Click **Deterrence** (Under Alarm Menu). Click the **Light** Enable swipe bar (Blue = enable)
- 2 Click **Light Schedule**
- 3 Click **Motion** – Click the **Motion Light Switch** Enable swipe bar (Blue = enable). Click **OK**
- 4 Click **Save**
- 5 Press the **Channel** drop-down menu. Select a different channel number & repeat steps 1-4 for all channels



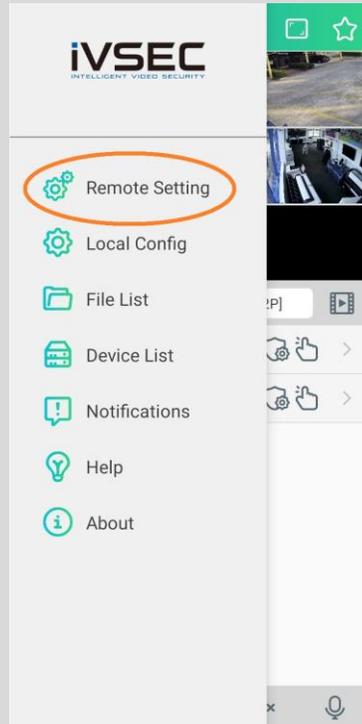
CHANGING IMAGE CONTROL SETTINGS (USING IVSEC X APP)

STEP 1



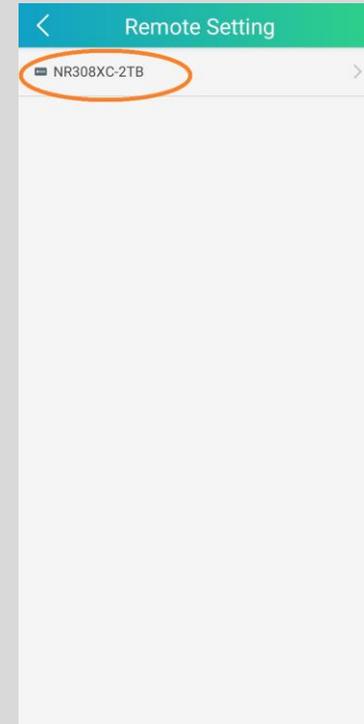
Open iVSEC X app.
Press  icon on top left corner.

STEP 2



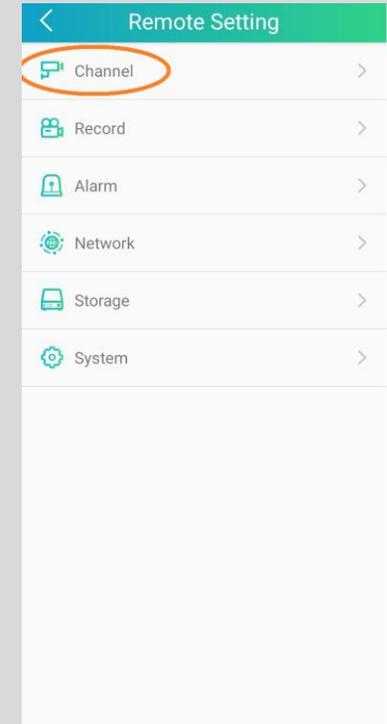
Press
“**Remote Setting**”

STEP 3



Press the recorder name e.g., NR308XC

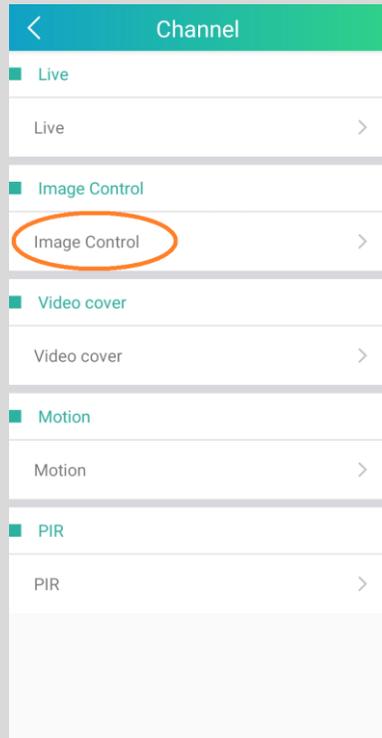
STEP 4



Press “**Channel**”

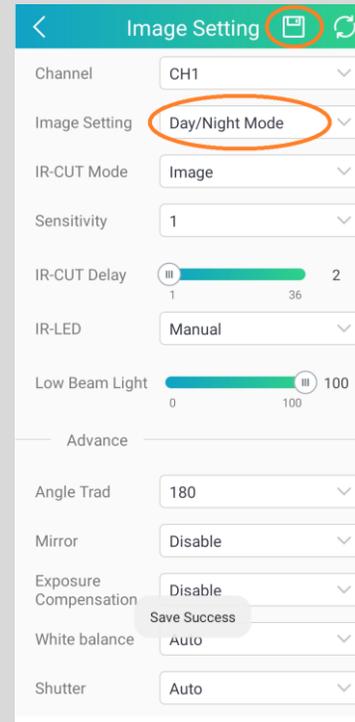
CHANGING IMAGE CONTROL SETTINGS (Continued...)

STEP 5



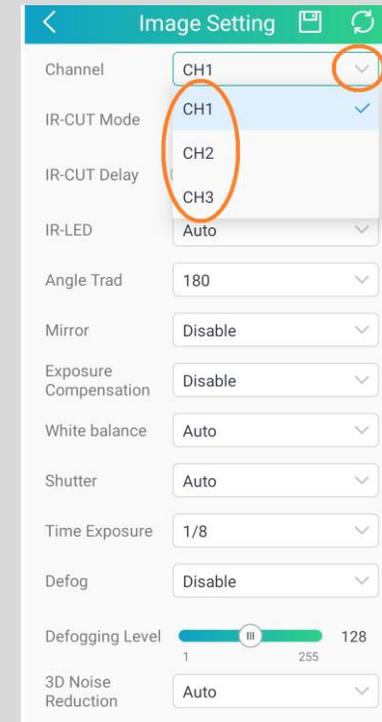
Press “**Image Control**”

STEP 6



If Image Setting is set to **Full Colour** mode then change it to **Day/Night mode**: Press the save icon. 

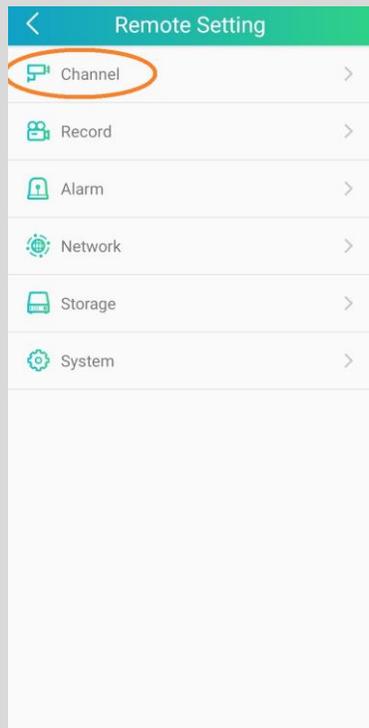
STEP 7



Click on the drop-down arrow next to **channel**, select CH2 and repeat steps 6. Repeat this process for all channels.

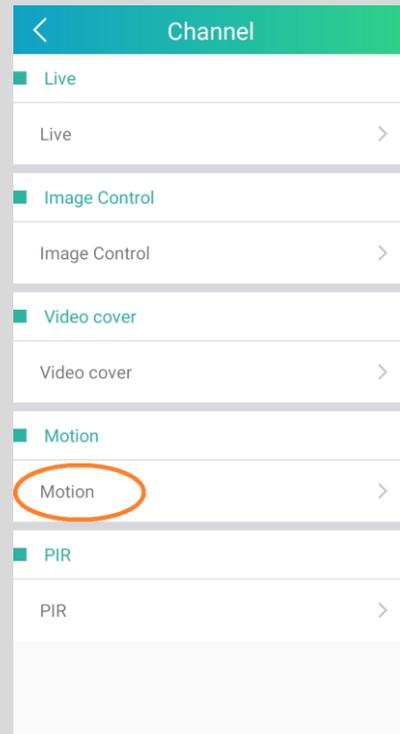
CONFIGURING WHITE LIGHT TO TURN ON IF MOTION IS DETECTED (IVSEC X APP)

STEP 1



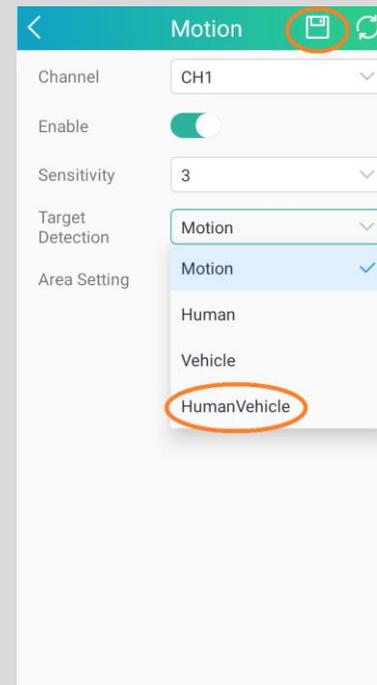
Open iVSEC X app.
Press  icon on top left corner.

STEP 2



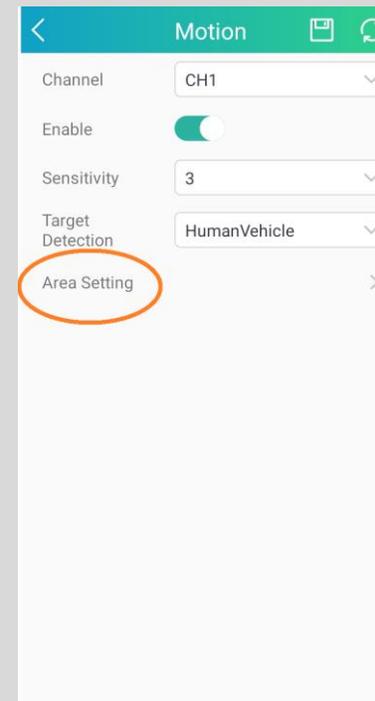
Press **“Motion”**

STEP 3



Target Detection: Select **“HumanVehicle”**. Press save 
Repeat Step 3 for all other channels
Note: Not all iVSEC models support **HumanVehicle** detection via motion. If option is not available set it to motion

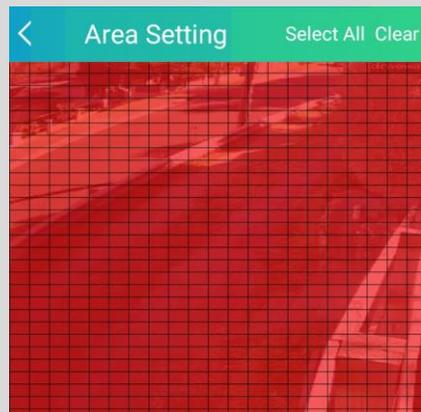
STEP 4



Press **“Area Setting”**

CONFIGURING WHITE LIGHT TO TURN ON IF MOTION IS DETECTED (iVSEC X APP) Continued...

STEP 5



Red squares = motion will be detected in this area

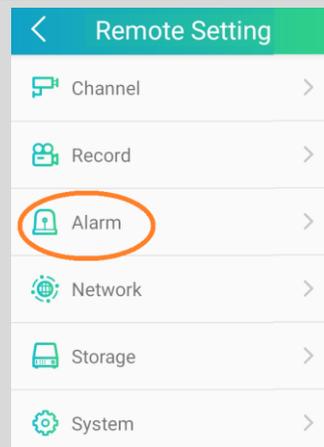
If you draw over the red squares they will become clear

Clear squares = motion will not be detected in this area

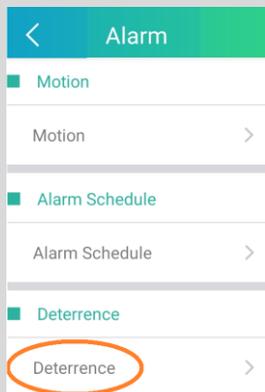
After adjusting the squares press the top left arrow

Press save and repeat step 4 and 5 for all other cameras

STEP 6

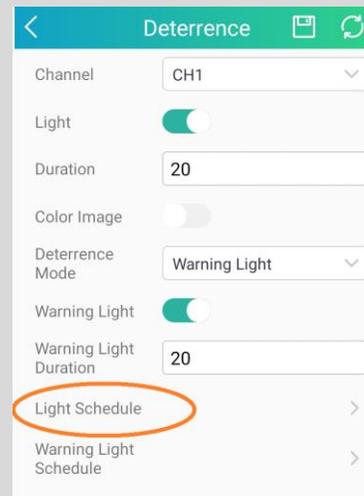


Press until you get back to the Remote Setting menu. Press **“Alarm”**

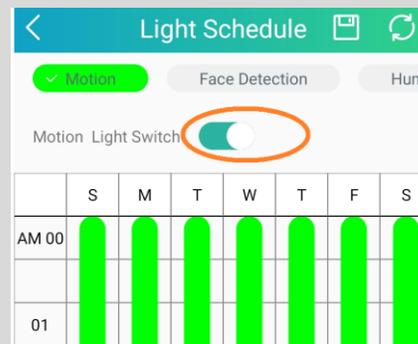


Press **“Deterrence”**

STEP 7



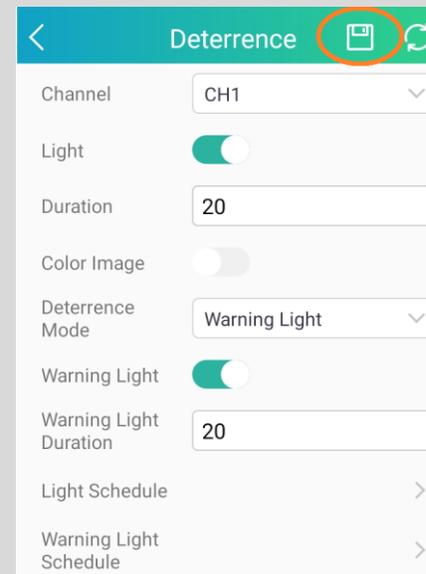
Press **“Light Schedule”**



Enable Motion Light Switch

STEP 8

Press back to the Deterrence menu

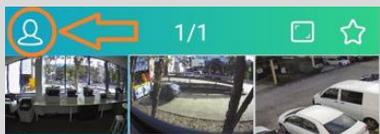


Press save in the Deterrence menu.

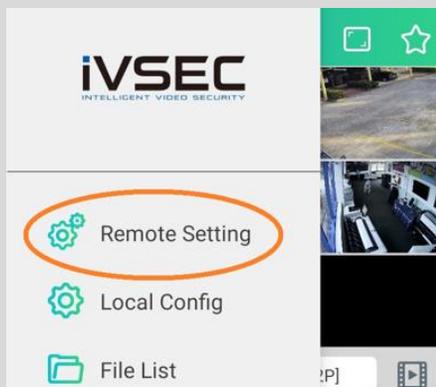
Repeat step 7 and 8 for all other cameras

HOW TO DISABLE WHITE LIGHT & WARNING LIGHT (iVSEC X APP).

STEP 1

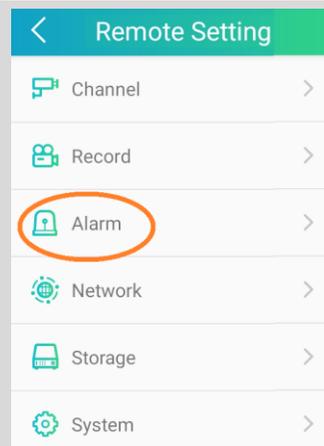


Open iVSEC X app.
Press  icon on top left corner.

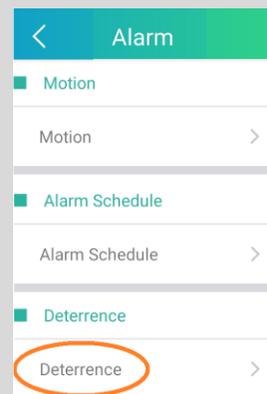


Press
“Remote Setting”

STEP 2

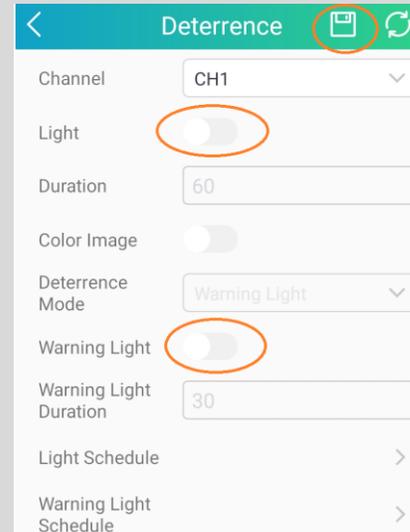


Press “Alarm”



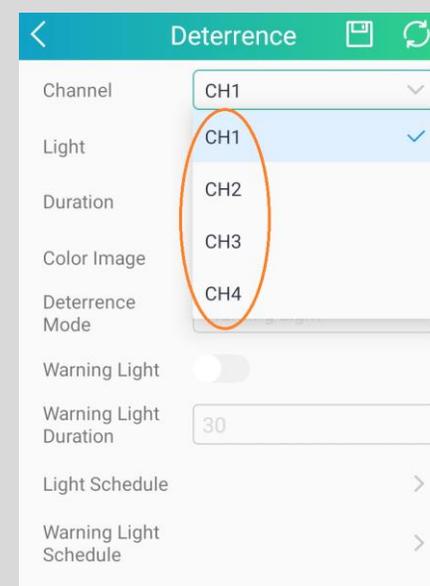
Press “Deterrence”

STEP 3



Make sure that
“Light” & “Warning
Light” swipe bars are
disabled. Press the  icon.

STEP 4



Click on the drop-down
arrow next to **channel**,
select CH2 and repeat
step 3. Repeat this
process for all channels.
Ensure you press 
For each channel after
changing settings



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