Hanwha Wave VMS Integration

Most Recent Update：06/19/2020

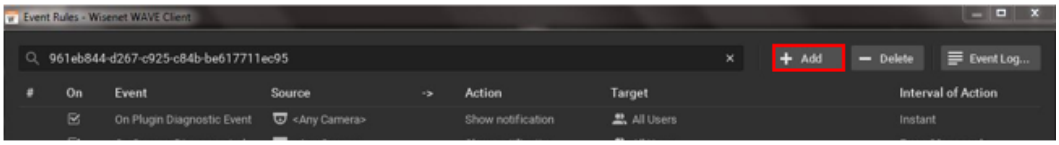
Objective: This article describes the steps necessary to connect your GJD IP enabled product to the Hanwha Wave VMS.

Supported GJD Product

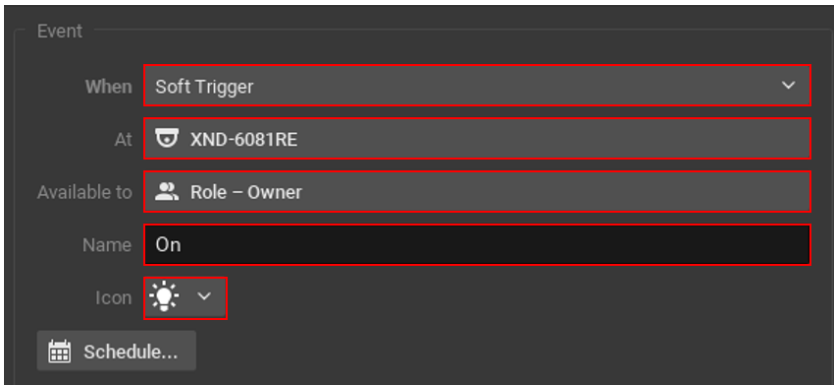
- DTECT 2 IP
- DTECT 3 IP
- DTECT 50 IP
- VM-CW-IP
- IM-8-IP
- IM-9-IP

Soft Triggers – Clarius® LED Illuminator Control Through Overlay Buttons

1. Launch Wave and right click on the camera being configured for a Soft Trigger and select **Camera Rules.**
2. Select **+ Add** in the upper righthand corner.



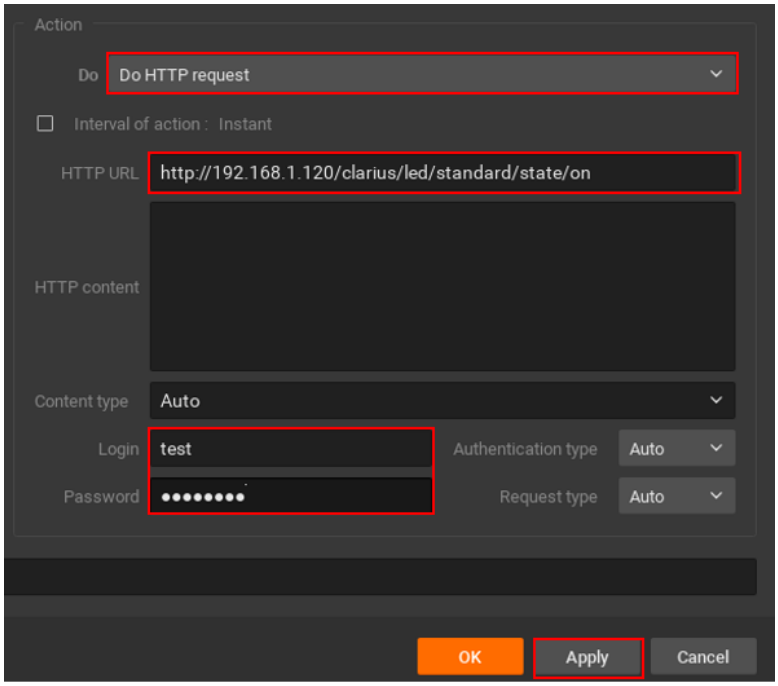
3. Under **Event**, change:
    a. **When** – to Soft Trigger
    b. **At** – The camera that will have the Button Overlay
    c. **Available to** – Set to meet requirements of project
    d. **Name** – Name of the button that will be added. E.g. ON, South Perimeter Light, Warehouse etc.
    e. **Icon** – Choose relevant Icon. Lightbulb ON being the example used.



4. Under **Action**, change:
    a. **Do** – HTTP request
    b. **HTTP URL**: Copy & paste the below command, replacing <device-ip> with your illuminator IP

http://<device-ip>/clarius/led/standard/state/on

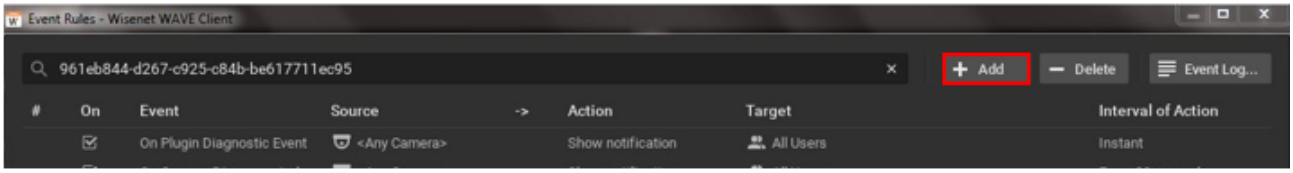
    c. **Login & Password** – Update to current credentials made upon initial setup of Illuminator



5. Review the camera receiving the Soft Trigger and ensure the button is now appearing. Test for functionality.

6. Repeat this process to create an OFF event. Right click on the camera being configured for a Soft Trigger and select **Camera Rules.**

7. Select **+ Add** in the upper righthand corner.



8. Under **Event**, change:
    a. **When** – to Soft Trigger
    b. **At** – The camera that will have the Button Overlay
    c. **Available to** – Set to meet requirements of project
    d. **Name** – Name of the button that will be added. E.g. OFF, South Perimeter Light, Warehouse etc.
    e. **Icon** – Choose relevant Icon. Lightbulb OFF being the example used.

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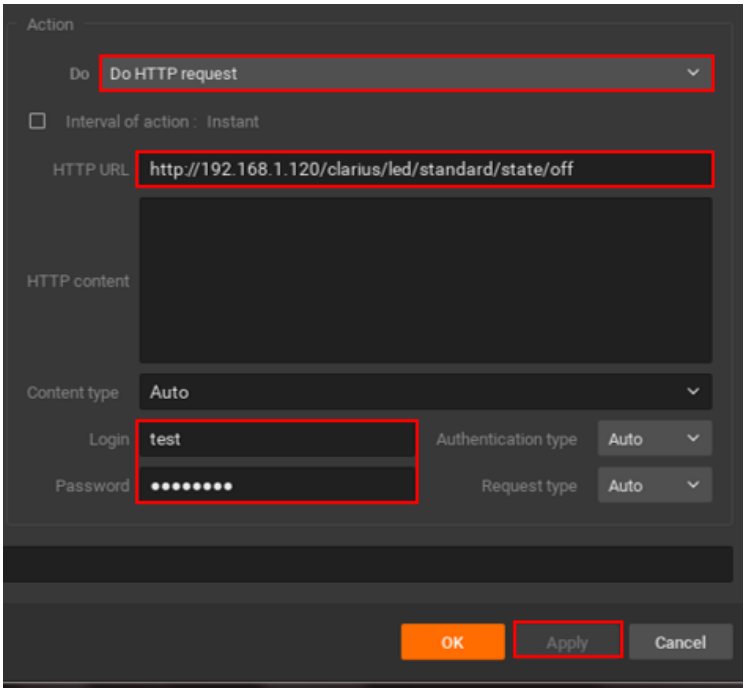
9. Under **Action**, change:
    a. **Do** – HTTP request
    b. **HTTP URL**: Copy & paste the below command, replacing <device-ip> with your illuminator IP

http://<device-ip>/clarius/led/standard/state/off

    c. **Login & Password** – Update to current credentials made upon initial setup of Illuminator

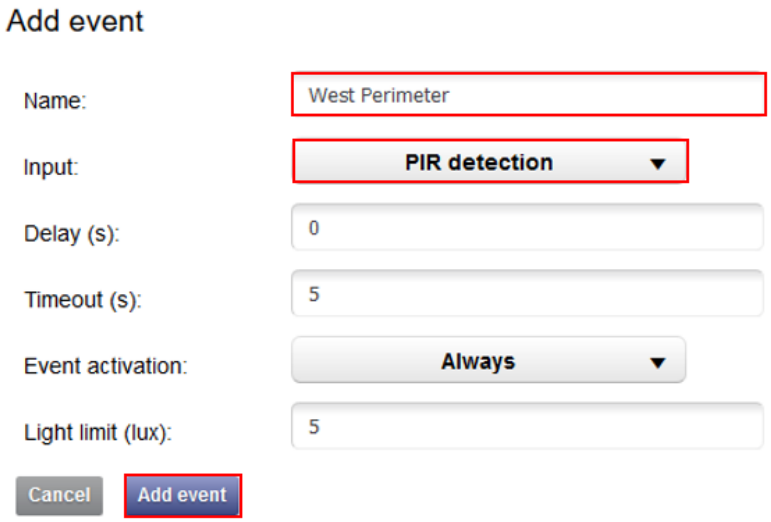


10. Review the camera receiving the Soft Trigger and ensure the button is now appearing. Test for functionality.

D-TECT IP – WAVE Alarm Notification

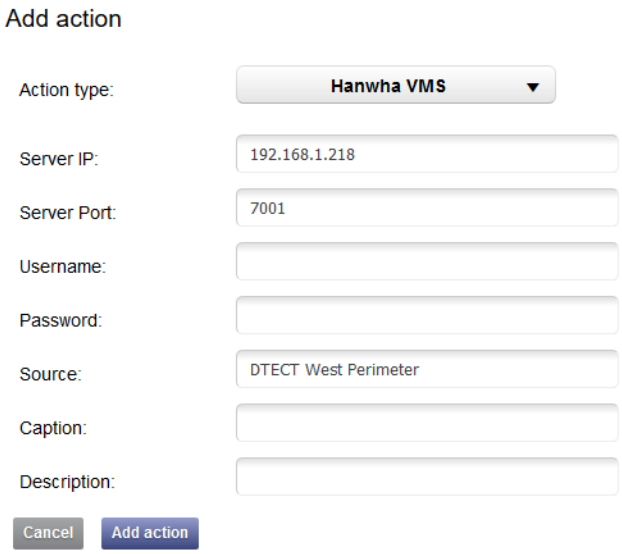
1. Log into the D-TECT IP sending the alarm to WAVE. Click **Add event.**

2. Name the event accordingly. Select the trigger for the alarm. In this example, PIR Detection is being used. Adjust **Delay** and **Timeout** as needed. Click **Add event** when finished.

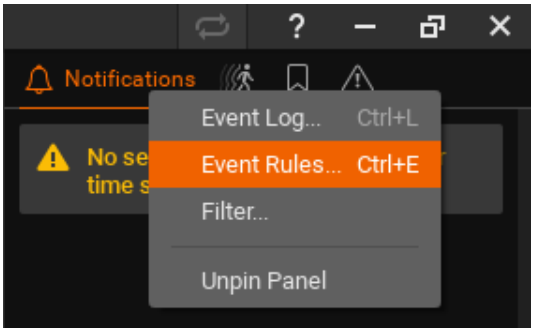


3. Click Add Action under your new event.

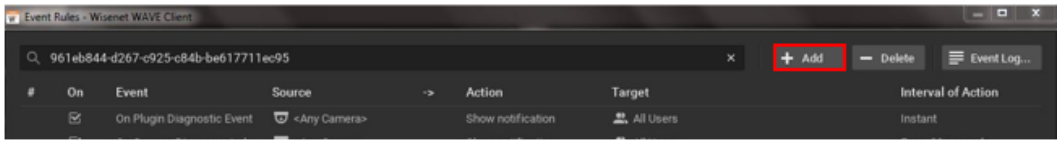
4. Modify the following fields to match the settings of your project:
    a. **Action Type** – Select Hanwha VMS
    b. **Server IP** – The IP address of the WAVE server
    c. **Server Port** – Default port is 7001. Ensure this field is updated if it has changed.
    d. **Username** & **Password** – Update to current credentials of the WAVE VMS server
    e. **Source**, **Caption** & **Description** – Only a Source is need for a notification, though the other fields may be filled out accordingly to meet project requirements. These fields are case sensitive.



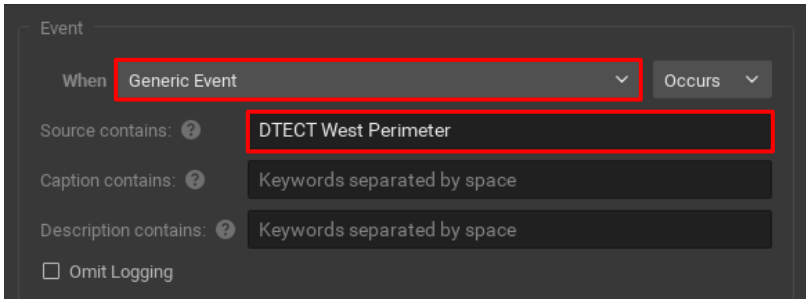
5. Launch WAVE VMS, right-click on **Notifications** and select **Event Rules.**



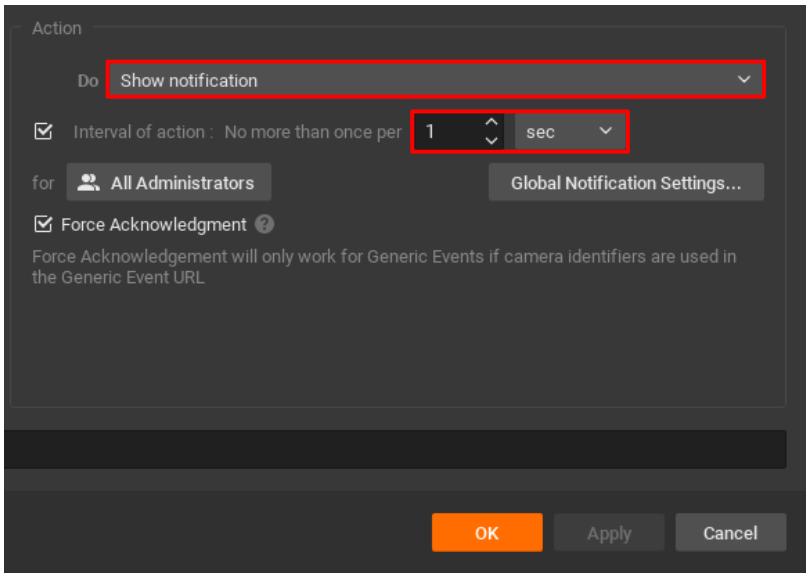
6. Add a new rule by clicking + Rule.



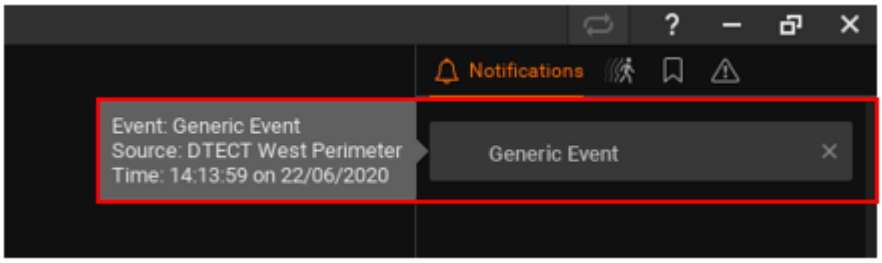
7. Under Event, select **Generic Event** from the dropdown menu. When filling in sources, make note of case sensitivity during the action setup in the D-TECT.



8. Under Action, select from the dropdown menu the action you would like to trigger. For this example, **Show Notification** is being used.



9. Ensure functionality by using the test button in the D-TECT web page or by walk testing the D-TECT. A notification will be shown on the righthand column indicating it has received the alarm successfully.



Engineers Note: If you are unable to receive events on WAVE, check and verify all network settings including IP scheme, port & credentials. Double check sources, captions and descriptions in both GJD product and WAVE to ensure they match 100%.

If additional support is required, please feel free to contact GJD technical support at 1-(855)-241-2264 or email us at info@gjdusa.com