GJD & Hanwha PoE Extender Camera Setup

Most Recent Update：06/19/2020

Objective: This article describes the steps necessary to connect and use your GJD D-TECT® sensors & GJD Clarius® Illuminators to a Hanwha PoE extender camera.

Supported GJD Models:

- D-TECT 2 IP
- D-TECT 3 IP
- D-TECT 50 IP
- IS-8-P
- IS-9-P
- VS-CW-P

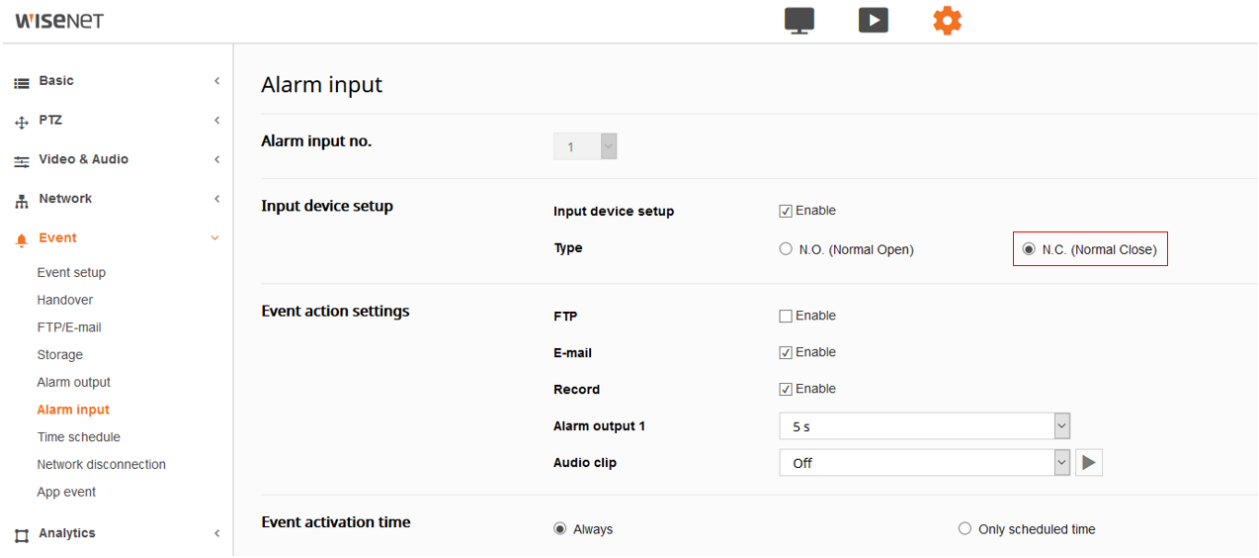
Supported Hanwha Models:

- XND-8081REV
- XNV-8081RE
- XND-6081REV (Used in this document)
- XNV-6081RE

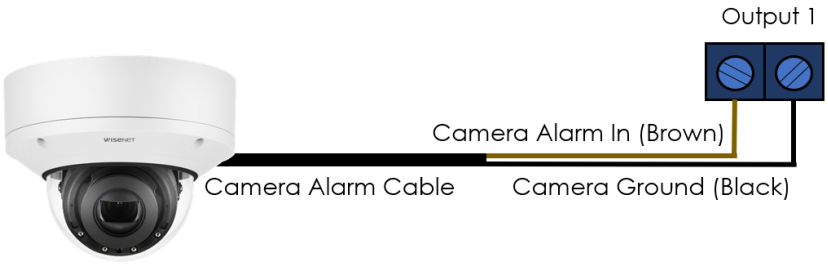
D-TECT hardwire to Camera

1. Connect your D-TECT series sensor to the Cameras PoE output.

2. Log into the cameras web page and navigate to **Settings>Events>Alarm Input** and change the input to **Normal Close**. Select the actions you would like to trigger such as FTP, Email or Record and change the input time to meet the requirements of your application.



3. Using the following diagram, connect the cameras alarm input cables (black & brown) to the D-TECTs polarity free outputs 1 or 2.

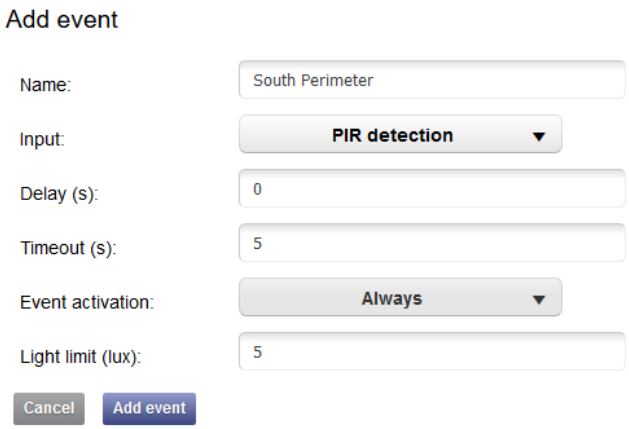


4. The D-TECT will now send an alarm directly to the camera. Double check the D-TECT alarm is working by testing your previously setup event actions in the camera's web page.

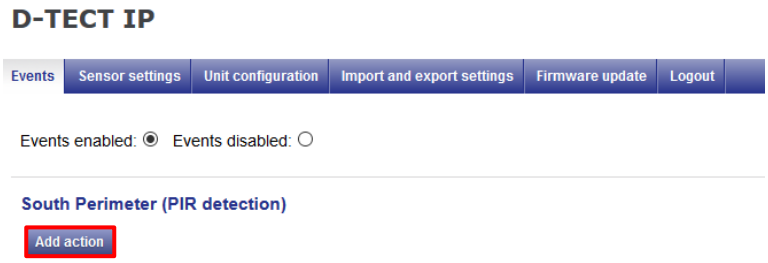
D-TECT HTTP Command to Camera

D-TECT IP series sensors can also send a HTTP command directly to the Camera to enable its Alarm.

1. Log into the D-TECT web page and click **Add Event** in the upper right-hand corner. Add a name and select **PIR Detection** as the Input. Change the Delay and Timeout if necessary. Click **Add event** when finished.



2. Under the new event, click **Add action.**

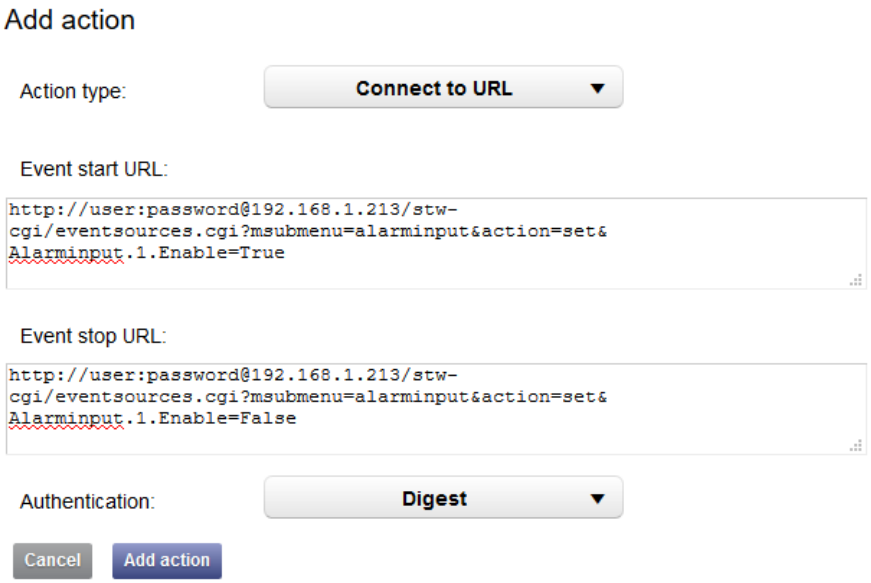


3. In the dropdown menu, select **Connect to URL**. Copy and paste the following commands:

http://user:password@<Device IP>/stw-cgi/eventsources.cgi?msubmenu=alarminput&action=set&Alarminput.1.Enable=True

http://user:password@<Device IP>/stw-cgi/eventsources.cgi?msubmenu=alarminput&action=set&Alarminput.1.Enable=False

4. Ensure you change the User, Password & Device IP parameters in the command. Your action will look like the below:



5. Test from the D-TECTs homepage or activate by walking through its field of field to ensure communication is working accordingly.

Clarius Series

All small Clarius PoE illuminators are supported by Hanwha's PoE extender camera. Please see the models supported list to verify your model is listed.

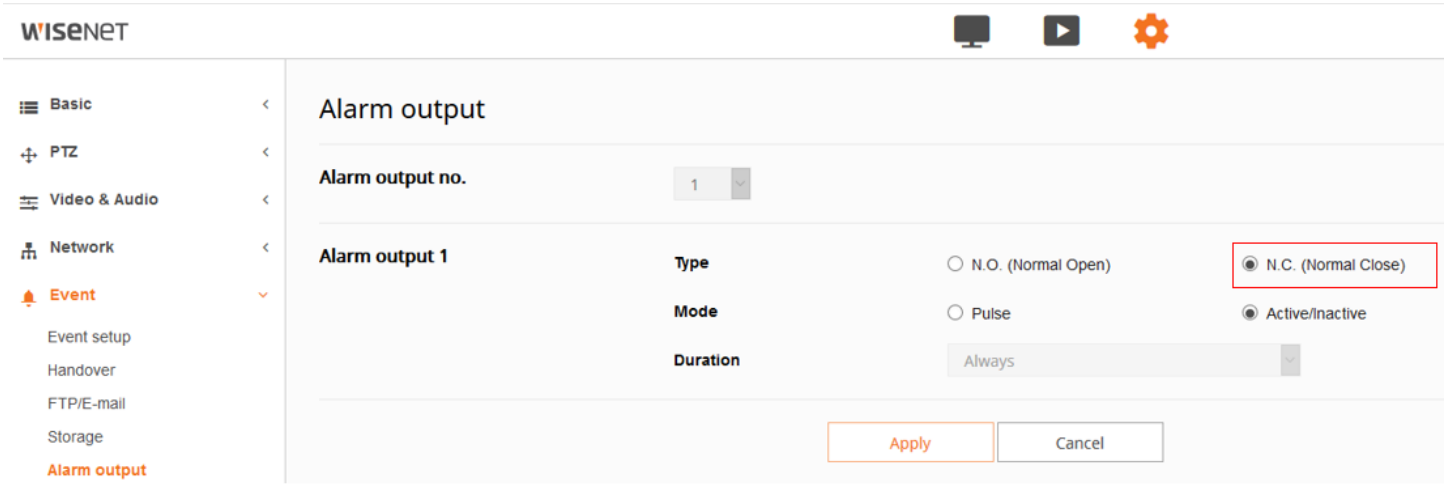
1. Connect your small Clarius unit to the Cameras PoE output.

2. Clarius illuminators have a top mounted photocell which by default will turn the white light or Infra-red on during dusk & dawn or when the photocell determines it no longer has enough light in its environment.

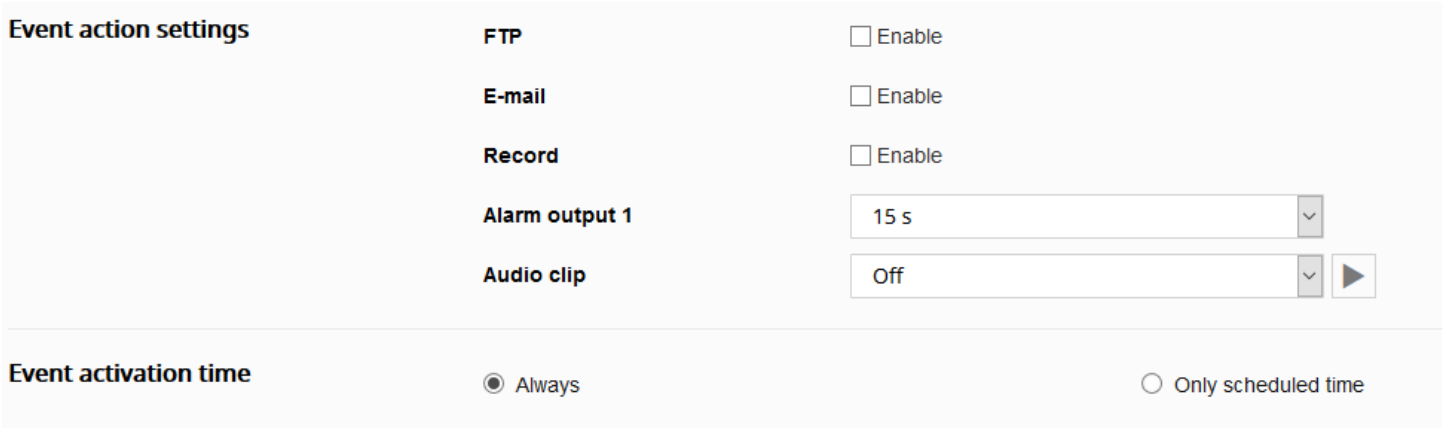
Camera triggers to turn on Clarius Illuminators

Note: Small PoE Clarius illuminators do not have an IP interface, so control via camera will require an additional cable as a separate purchase (Part code ALT001).

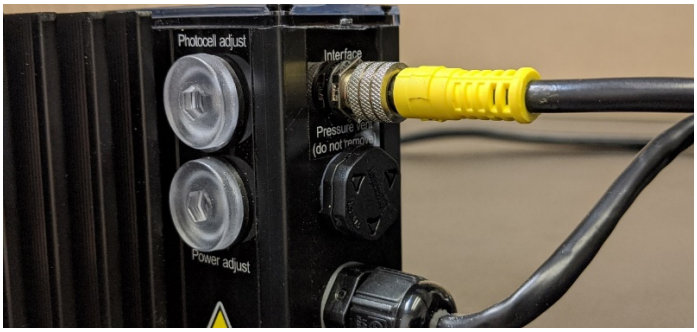
1. Log into the cameras web page and navigate to **Settings>Events>Alarm Output**. Change the output to **Normal Close** as pictured below and Apply the changes.



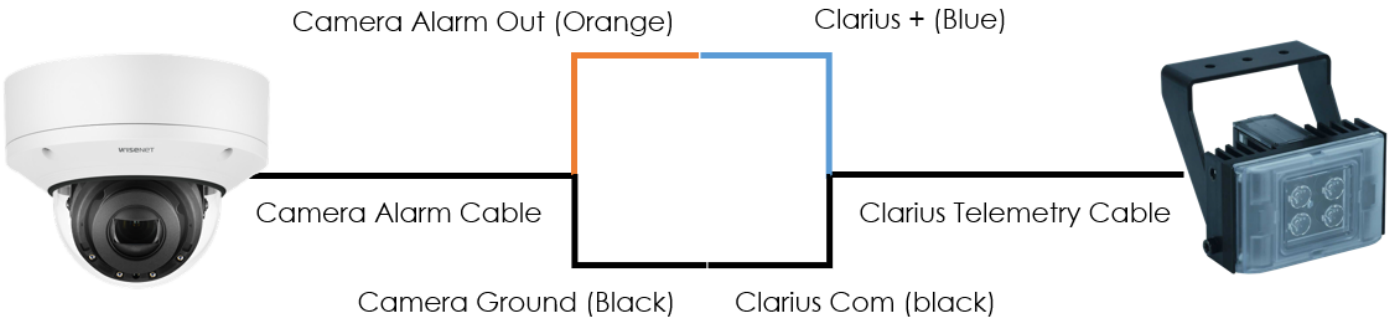
2. For this example, Motion Detection will be the trigger to activate the light. Open Analytics>Motion Detection and configure the necessary parameters for your camera. After, select **Alarm Output** under **Event action settings** and choose an option that best suits your application. Choose an activation time that makes sense for the deployment, as **Always** may not be necessary, for example during the day triggering a white light. When configuration is completed, Apply changes.



3. Clarius illuminators have telemetry located on the rear side of the unit which may be used to activate the product. Connect the telemetry cable to the back of the unit as pictured below.



4. Using the following diagram, connect the Clarius illuminators telemetry cable to the Hanwha cameras alarm cable.



5. Remove the photocell adjustment cover and turn the dial counterclockwise until it stops as pictured below. Replace the cover when done.

6. The Clarius illuminator will now activate based on the cameras Motion Detection. Always test and ensure product interoperability is working properly and as expected.

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