



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
- M-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.

w Ew	ent Rules - W	senet WAVE Client						_ - X
Q	961eb84	4-d267-c925-c84b-be617711	ec95			+ Add	— Delete	Event Log
	On	Event	Source	Action	Target		Interv	al of Action
		On Plugin Diagnostic Event	😈 <any camera=""></any>		🚉 All Users			

- 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.

Event	
When	Soft Trigger 🗸 🗸
At	▼ XND-6081RE
Available to	🙁 Role – Owner
Name	On
Icon	👻 🗸 👘
🛗 Schedu	ıle





- 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

Do Do	HTTP request									
Interval of action : Instant										
	http://192.168.1.120/clarius/led/	/standard/state/on								
HTTP content										
Content type	Auto		~							
	test		e Auto 🗸							
	•••••••		Auto 🗸							
		ок Арр	ly Cancel							

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.

w Even	Event Rules - Wisenet WAVE Client									
Q. 961eb844-d267-c925-c84b-be617711ec95 × + Add − Delete ≡ Event Lo							Event Log			
	On	Event	Source		Action	Target			Interv	al of Action
		On Plugin Diagnostic Event	😈 <any camera=""></any>		Show notification	🚉 All Users			Instant	

- 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.

Event	
When	Soft Trigger v
At	▼ XND-6081RE
Available to	🙁 Role – Owner
Name	Off
Icon	Х ~

Continue to next page





- 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

Do Do I	HTTP request		
Interval of			
	http://192.168.1.120/clarius/led/	/standard/state/off	
	Auto		
	test		Auto 🗸
	•••••		Auto 🗸
		OK Apply	Cancel

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.

D-TECT IP									
Events	Sensor settings	Unit configuration	Import and export settings	Firmware update	Logout				
Event	s enabled: Ev	ents disabled: 〇				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.

Add event	
Name:	West Perimeter
Input:	PIR detection 🔻
Delay (s):	0
Timeout (s):	5
Event activation:	Always 🔻
Light limit (lux):	5
Cancel Add event	

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.

Add action	
Action type:	Hanwha VMS 🔻
Server IP:	192.168.1.218
Server Port:	7001
Username:	
Password:	
Source:	DTECT West Perimeter
Caption:	
Description:	
Cancel Add action	

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







6. Add a new rule by clicking + Rule.

Event Rules - Wisenet WAVE Client								_ _ ×		
٩	961eb84	4-d267-c925-c84b-be617711	ec95					+ Add	— Delete	Event Log
	On	Event	Source		Action	Target			Interv	al of Action
	R	On Plugin Diagnostic Event	· ← Any Camera>		Show notification	🚉 All Users			Instan	t.

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.

		?	-	5	×
	△ Notifications	Д	⚠		
Event: Generic Event Source: DTECT West Perimeter Time: 14:13:59 on 22/06/2020	Generic Event				×

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