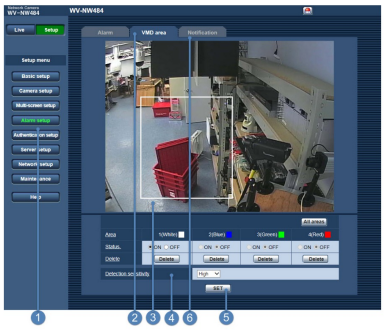
Setting up Video Motion Detection Alarms for Certain Panasonic Cameras

With some older Panasonic camera models, Video Motion Detection, or VMD, events are configured differently than newer models. The VMD event uses a TCP trigger on the camera to send the event. Due to this, a software network I/O needs to created and configured in Ocularis Recorder to receive these events. This document will walk you through those steps.

This example use a Panasonic WV-NW484 camera. The steps for other Panasonic cameras may be different. For further assistance with setting up motion detection on other cameras, please refer to the proper documentation from Panasonic or contact their tech support.

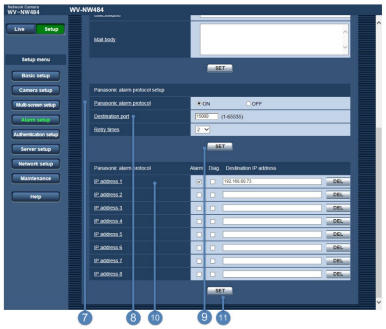


Log into the camera in question, click 'Setup' followed by 'Alarm setup' (**1**) and then 'VMD area' (**2**).

Draw a box for the area to detect motion in. The status will automatically change from OFF to ON. (**3**)

Select the sensitivity for the motion detection (**4**) and click 'Set' to save the settings on this page (**5**)

Click the 'Notification' tab. (**6**)



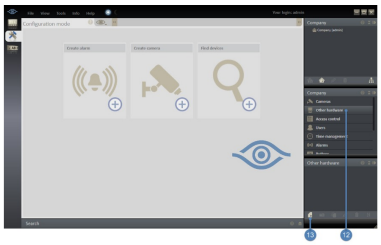
Scroll down the Notification page to see the 'Panasonic alarm protocol setup' and 'Panasonic alarm protocol' sections.

Under 'Panasonic alarm protocol setup' change 'Panasonic alarm protocol' from OFF to ON (**7**) and set the port to 15000 (**8**).

Click 'Set' to save these settings. (**9**)

Under 'Panasonic alarm protocol' for 'IP address 1' check the 'Alarm' box and enter the IP address of the DM Server this camera is recording too. (**10**)

Click 'Set' to save these settings. (**11**)

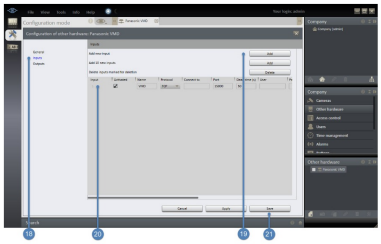


Log into Ocularis Recorder Manager, select 'Other hardware' (**12**) and 'Create new object. (**13**).

Give the new hardware a descriptive name (**14**).

Select 'SeeTec' from the 'Manufacturer' drop-down list (**15**) and 'Network IO' from the 'Type' drop-down (**16**).

Click 'OK' to save the hardware settings. (**17**)



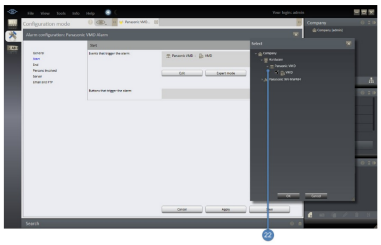
With the newly created hardware configuration screen open, select 'Inputs'. (**18**)

Select 'Add' for 'Add new input'. (**19**)

For the newly added input use the following settings (**20**):

Activated: check the box
Name: give the input a descriptive name
Protocol: TCP
Connect to: Leave blank
Port: 15000 (as per the setting above in number 8)
Dead time (s): the amount of time between the analyzing of the signal
User: Leave blank
Password: Leave blank
Type: Hex
Text: Leave blank
Control characters: No character

Click 'Save' to save the settings and exit the configuration page. (**21**)



To create the alarm, follow the same steps as 'How to Setup Alarm Based Camera Side Motion Detection Recording' at http://onssi.com/troubleshooting. However there is one setting that is different.

When creating the alarm and setting the trigger to start the alarm, make sure you choose the input created in number 19 above (**22**).