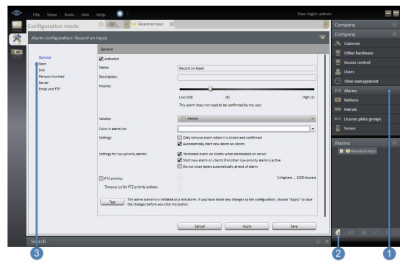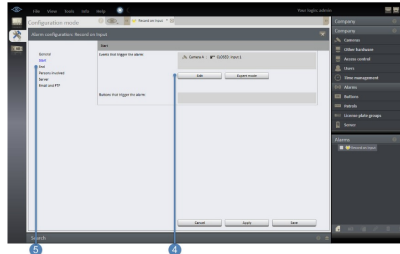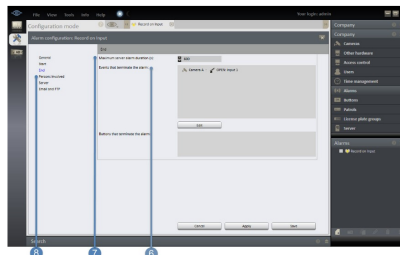# Setup an I/O to Trigger Recording

These instructions will walk through the steps of setting up a camera I/O to trigger the starting and stopping of recording.
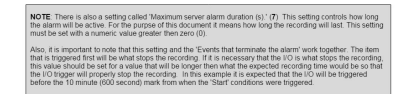

Log into the Ocularis Recorder Manager and under Company, click Alarms (**1**) followed by 'Create new object.' (**2**)

Give the new Alarm a name and click OK. In the Alarm configuration screen click 'Start.' (**3**)

Click 'Edit' and select the camera and the input to trigger the alarm recording. In this example when the I/O is closed on 'Camera A' the alarm will trigger. (**4**)
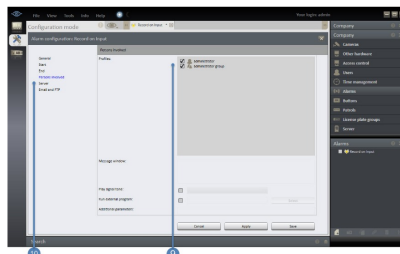
Click 'End.' (**5**)

Click 'Edit' and select the camera and input to stop the recording. In this example when the input is opened on 'Camera A' the recording will stop. (**6**)

> **NOTE:** There is also a setting called 'Maximum server alarm duration (s).' (**7**) This setting controls how long the alarm will be active. For the purpose of this document it means how long the recording will last. This setting must be set with a numeric value greater then zero (0).
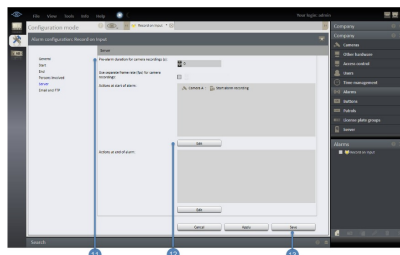>
> Also, it is important to note that this setting and the 'Events that terminate the alarm' work together. The item that is triggered first will be what stops the recording. If it is necessary that the I/O is what stops the recording, this value should be set for a value that will be longer then what the expected recording time would be so that the I/O trigger will properly stop the recording. In this example it is expected that the I/O will be triggered before the 10 minute (600 second) mark from when the 'Start' conditions were triggered.

Click on 'Persons involved.' (**8**)

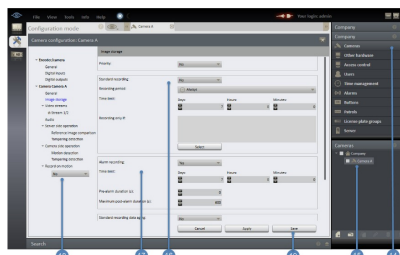Select the users that should be notified about the event. (**9**)

Click 'Server.' (**10**)

With 'Pre-alarm duration for camera recording(s)' you can specify how much video will be saved prior to the triggering of the I/O. (**11**)

Select the action that will be taken when the I/O is triggered. In this example the trigger will start recording video from Camera A. (**12**)

Click on 'Save' to save the Alarm settings. (**13**)

Click Cameras (**14**) then select the camera that I/O is associated with (**15**)

In the 'Image storage / Multimedia database' section, set the 'Standard Recording' drop-down to 'No' to disable Standard recording. (**16**)

Set 'Alarm Recording' to 'Yes' to alarm record. Also set any other necessary settings. (**17**)

Under 'Record on motion' select 'No'. (**18**)

Click 'Save' to save these settings. (**19**)