

How to add camera channels from a DVR to an NVR.

Compatibility:

- NVR300/500 Series
 - Firmware at least B3322x
- NVR201-08Q(DVR)

Note:

NVR must have available channels in order to add a DVR.

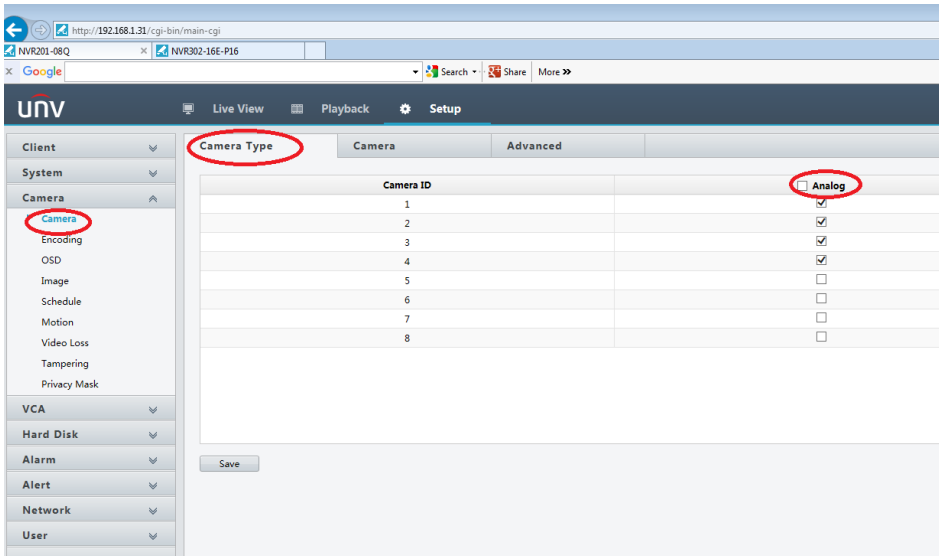
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Analog channel configuration on DVR

Channels on the DVR can be either digital or analog channels

1. Access the DVR “Setup” screen, go to **Camera->Camera->Camera Type**.
 - a. Configure the Analog channels as required.



Adding a DVR to an NVR using ONVIF Protocol

Follow these steps to add cameras from a remote DVR

1. Add the DVR connected Camera to an NVR using “Manual” Add Mode (Fig1).
 - a. Access the NVR “Setup” screen, go to **Camera->Camera**.
 - b. Press the “Add” button if available OR select the desired channel and click “Modify”.
 - c. Press the “Search” button to detect the DVR.
 - i. Double click the device in the search list to automatically fill out fields.
 - d. Select the remote camera you would like to add to this port.
 - e. Click “Save”.

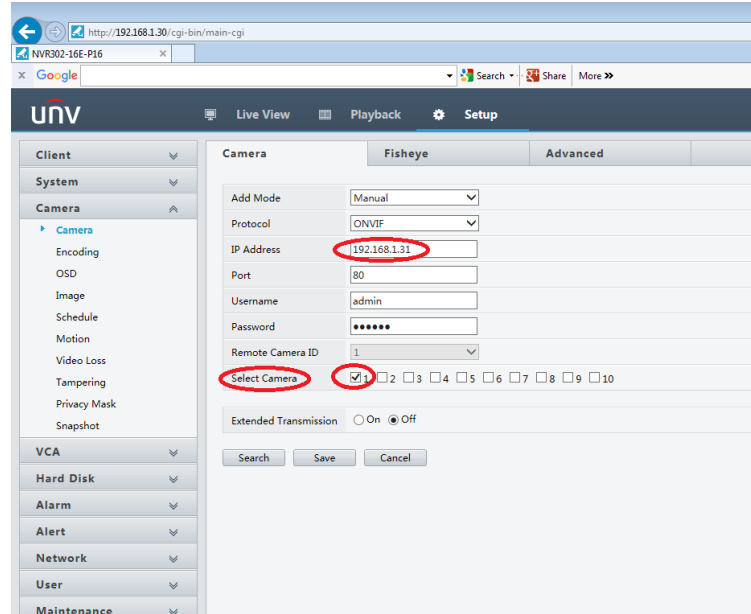


Figure 1: Camera Manual Configuration

Motion Detection & Recording

Motion detection must be enabled on the NVR if you want motion events saved.

Motion has two purposes:

1. During continuous recording, motion events can be tagged for later review.
2. Motion can be used to trigger recording when continuous recording is not enabled.

To set up motion detection:

1. On the NVR “Setup” screen, go to **Camera->Motion->Area**.
 - a. Select the camera and set motion to “On”
 - i. Motion area is grid based.
 - ii. You can draw a “Detection Area” and set “Sensitivity”.

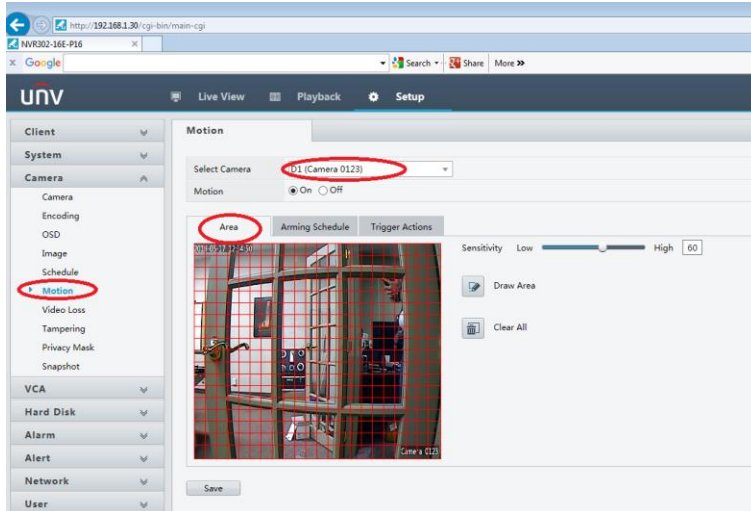


Figure 2: Motion Area

2. To set up motion recording, go to **Camera->Motion->Trigger Actions**.
 - f. Select the camera you want to record (usually the same camera)

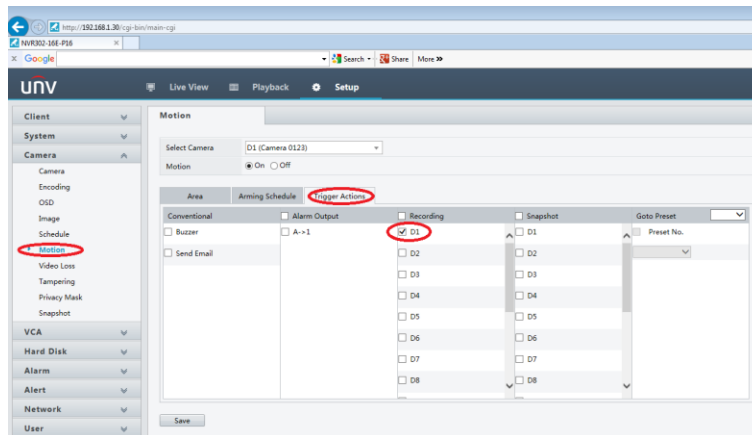


Figure 3: Trigger Actions

3. Enable Recording schedule
 - a. Go to **Camera->Motion->Schedule**, and enable a schedule.

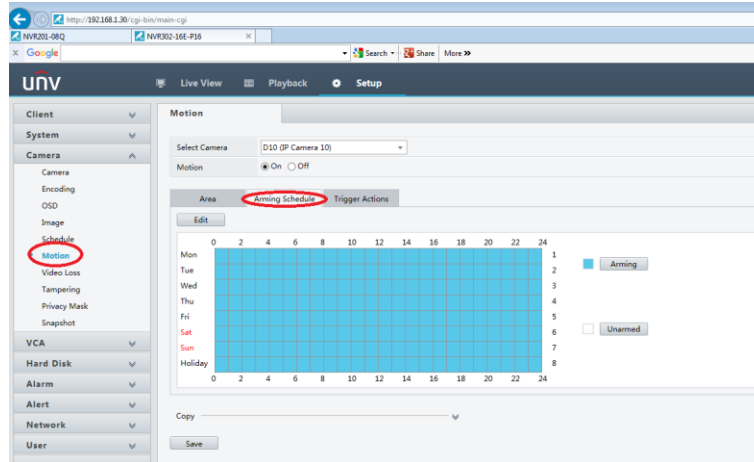
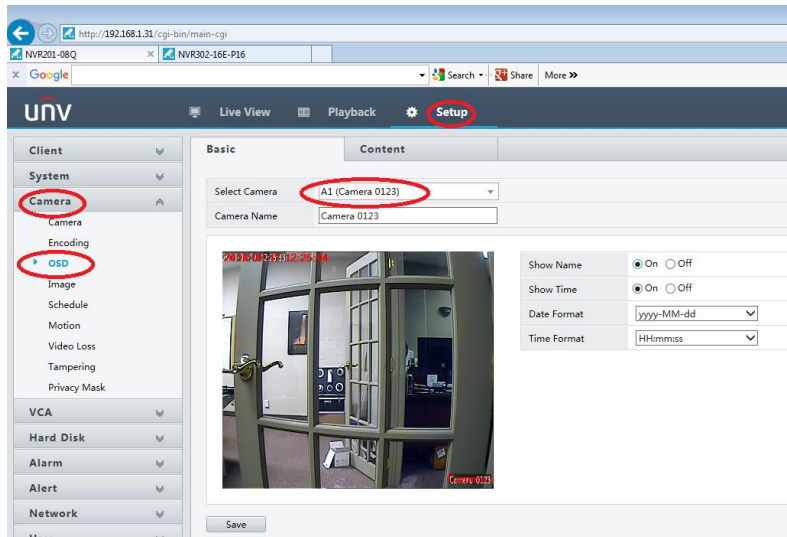


Figure 4: Arming Schedule

Enable On Screen Display (OSD)

Remote NVR/DVR will add OSD to video feed before sending stream to the local NVR (The OSD can be configured from either device).

1. Log in to the local NVR “Setup” and go to **Camera->OSD**, and edit.
 - a. Camera name and timestamp can be added.



CONTACT US

If you have any questions, feel free to contact us, +1 (647) 748-7382 .
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