Setting up a DVR for webeyecms

DVR Networking and FTP configuration

On the DVR, right click anywhere on the screen and access the "Main Menu", log in using your account details and the main menu will be displayed. Click "Network" and then select "Network". Select the "Advanced" tab and click on the "Setting" button next to "FTP". The FTP configuration menu should now be shown. Change the "Type" to "Image FTP" and ensure that the enable box is ticked.

Configuring FTP

Step 1 – Enter 162.13.77.181 into the "Server IP" box.

Step 2 – Enter 2121 into the "Port" box.

Step 3 – Ensure the "User Name" and "Password" boxes are blank.

Step 4 – Tick the "Anonymous" box.

Step 5 – In the "Remote Directory" box, enter the same serial number as was used when adding the device into the Webeye platform. Ensure this is exactly the same as it is case sensitive.

Step 6 – Ensure that the "File Length" box is set to "0".

Step 7 – Click "App" and "Ok", this will save the settings and the DVR will be ready for FTP connections.

Step 8 – Keep right clicking the mouse anywhere on the screen until you get back to the live camera streams.
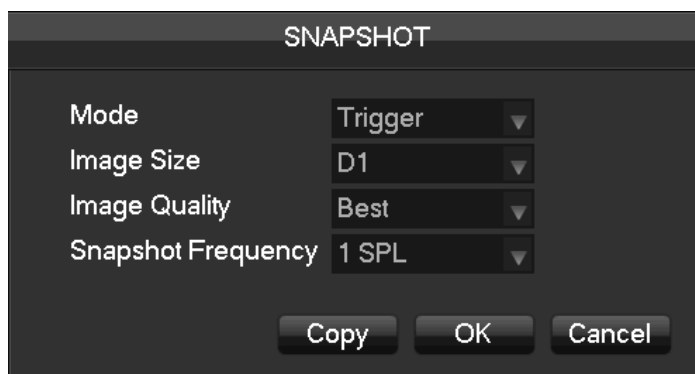
Configuring Snapshots

After setting up the FTP, the snapshot settings will need to be updated.
On the DVR, right click and access the "Main Menu", log in using your account details and the main menu will be displayed. Click "Record", ensure that the channel that requires to be set up is selected, then click "Snapshot Set".

Snapshot Set

Select the image quality and the image size required. If the DVR has a fast network connection the best settings are an "Image Size" of "D1" and an "Image Quality" of "Best",
These can be configured to lower values if the network speed is limited, there are data restrictions such as using 3G or if you wish alarm delivery times to be quicker. The snapshot frequency is the period the DVR waits, in seconds, between each snapshot, set this to 1 SPL for use with Webeyecms then click "OK" to save the settings.

Repeat the above process for all the channels that are going to be sending alarms. Keep right clicking the mouse anywhere on the screen until you get back to the live camera streams.

Now that the DVR is set up for FTP access into Webeyecms and the snapshot settings are correct, the alarm input or motion detection can be set up and enabled, these are the triggers that will make the DVR connect and send footage to Webeyecms.
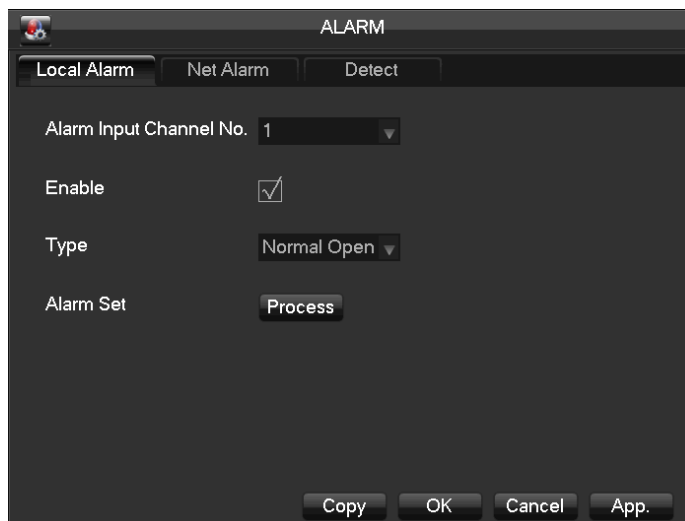
The scheduler within the DVR is used as an arm/disarm tool. If there are periods in the day that the alarm input or motion detection does not need to be enabled, the schedule can be set up around these times, so false alarms are kept to a minimum and only important images are sent to webeyecms. If however, the DVRLiveLink functionality is going to be used to arm/disarm the DVR, the schedule needs to be set up as 24/7 as the LiveLink arm/disarm does not override the schedule.

Alarm input configuration

IMPORTANT: If you are using remote arming and disarming using DVRLiveLink, the scheduler should be set to 24 hours. Follow the guide below and ensure the period is set to 00:00-24:00.

Alarm

On the DVR, right click and access the "Main Menu", log in using your account details and the main menu will be displayed. Click "Alarm", ensure that the alarm input needing to be configured is selected ("Alarm Input Channel No"), and then click "process".
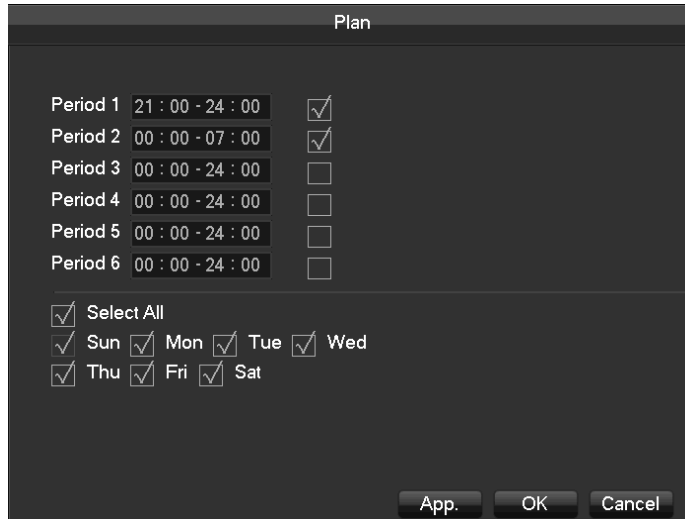
The schedule screen should now be shown for that specific alarm input click "Set" to alter the plan.

Plan

Change the periods by clicking on the time and entering a new time for that period. To enable a period, click the tick box next to the desired period.
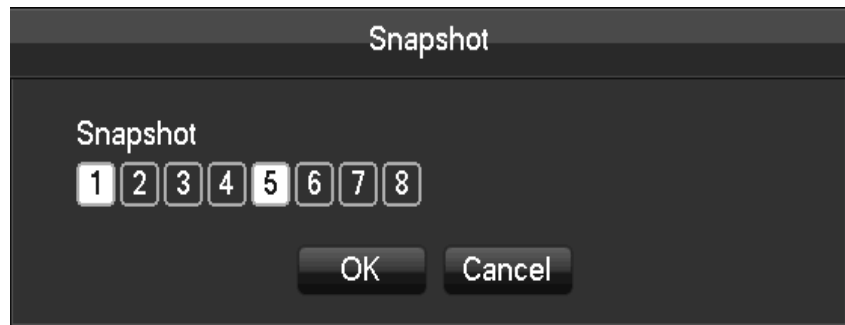
Periods cannot over-lap days, for example, a period of 21:00-07:00 will not work, as it overlaps two days. Instead, set a period of 21:00-24:00 and another period of 00:00-07:00 to cover the time required.
Once the time periods are set up and enabled, choose the days the periods need to be enabled for, simply tick the days required and click "App" and "Ok". The schedule is now set up, and the input will not trigger unless within the periods specified.

Snapshot

After the periods are set up, click the "Linkage Set" tab. For webeyecms to receive alarms, the DVR needs to take a snapshot when the alarm input is triggered. Click the tick box next to "Snapshot" to enable it, then click "Select" next to "Snapshot" to configure it.

Select a channel number to enable or disable a snapshot for that channel. If a channel number is highlighted in white, a snapshot will be taken from that channel when the input is triggered. Once finished click "OK", followed by "App" and "Ok" on the previous screen. The alarm input selected is now configured to send alarms to webeye cms. Please repeat the above process for each alarm input that is used to trigger the DVR.