

## How to set up your DSR as an Event Recorder

I frequently get calls from people asking how to set up their DSRs as Event recorders. This configuration only records activity, saving valuable Hard Drive space and reducing searches and review to channels with motion.

### Configure your DSR 3009 or 3016 as an Event recorder

If you intend to do motion/ alarm only recording the first thing you may want to consider is initializing your hard drive for alarm only recording. Since you are not going to be doing any recording in the Normal recording area you can regain the space by setting normal recording to 0% in the RECORDING AREA SET (see page 51 in the Instruction Manual). Keep in mind that doing this will erase anything you have already recorded. Make sure you export any images you want to save before you do this.

Next you will need to configure the ALARM OPERATION SET (see page 64 in the Instruction Manual). In this menu you can set the behavior of your main monitor when alarms are received. You can also set the behavior of your secondary monitor if an alarm is received. You can also configure retrigger here. If you configure an alarm duration time and set this to on, the recording duration will start over when activity is detected after the alarm has been triggered and the incident will be recorded as one alarm event instead of multiple incidents. You can also configure the internal motion sensors for each channel from this menu (see page 67 in the Instruction Manual).

Finally you will need to configure the ALARM REC MODE SET (see page 59 in the Instruction Manual), this menu configures the way alarms are recorded on the Hard Disk. Set your picture quality, and audio recording options.

Set alarm recording to enabled (If you are going to be using the internal motion sensors do this last. The unit will go into record mode whenever motion is detected. You cannot change menu settings when the unit is in record mode.) You then will configure the alarm interleave. Consider the Only option for your interleave setting. The ONLY interleave setting will record only those channels with active alarms. The SW setting will record all channels and interleave active alarms. Unless you are going to use a preset program group to configure separate recording rates for each channel you will set your recording rate and alarm duration next. Consider the CC option for your alarm duration (Most users set a timed interval, CC option is usually momentary unless there is constant motion), this will allow recording as long as there is motion detected or as long as an alarm signal is input. You have an option to configure pre-alarm recording settings as well, if you are doing motion detection this may not be necessary since recording will take place as soon as there is activity in front of the camera. The last setting for this menu is the ALARM TRIGGER, this tells the recorder whether to accept an external (ALARM) trigger, use the internal motion sensors (SENSOR) or both.

Exit the menus, connect any external alarm inputs if you are using them, and you are done.

## Saving your DSR menu settings to CF flash memory

A nice feature of the multi channel DSRs from SANYO is the ability to copy your menu settings to a compact flash memory card. One use for this feature might be restoring a DSR to its original configuration at a client site where settings seem to "mysteriously" change themselves. If you need to set up a large number of DSRs with similar configurations you can use this to "Roll Out" the menu settings to all of the units. All you need to do is set up the first unit's menus the way you desire, then copy the first unit's settings to the others. You may even consider copying the settings for each site you install onto a separate CF card. This would allow you to quickly transfer settings to a replacement DSR, or as I mentioned before restore a DSR whose menus have been tampered with to its original setup. The time and frustration this could save outweighs the cost of the memory card. You can read about operation of this feature on page 88 of the user's manual, page 89 details how to copy saved menu settings from CF memory to another DSR.

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