

6.8 Detect

Here you can set events that can be used to trigger alarms. If required, use the **Default** button to reset all detect fields to the factory default. Use the **Copy** button to copy identical settings from one channel to other channel(s); this is described further in *Copy*, page 41.

Note:

For Motion detect mode, you cannot use <Copy> for channel setup since the video in each channel may be different.

Figure 6.20: Detect

This screen is an example for **Motion detect**; not all of the detect fields are required for **Video loss** and **Camera Masking**.

See the following descriptions for the full list of detect settings:

- Event types: Here you can choose three different events to detect:
 - Motion detect – detect movement in set regions
 - Video loss – detect any loss of video
 - Camera masking – the system will alert you if someone maliciously masks the lens or the output video is in one-color due to light change.
- Channel: select the channel to activate the recording function when a detection alarm occurs. Please make sure you have set MD record in encode interface (**Main Menu > Setting > Schedule**) and schedule record in the manual record interface (**Main Menu > Advanced > Record**)
- Region: Here you can set motion detection zone. See *Motion detect region setup*, page 61
- Sensitivity: Set the threshold for motion detection from minimum to highest sensitivity.

- Period: Click **Setup** for a new interface screen where you can organize time periods for detect activation – see *Period*, page 62.
- De-bounce time: Set here a timer for how long the detect alert should stay active after it is first activated (default is 5 seconds). During this time, the system will activate the alarm display, alarm output, tour, PTZ, snapshot, channel recording and buzzer (if they are all selected). An alarm upload and email will also be sent (if selected). If a new alarm is detected within the De-bounce time, the timer will be reset for the alarm display, alarm output, tour, PTZ, snapshot, channel recording and buzzer (no new alarm upload or email are sent).
- Alarm out: If an alarm occurred, the system will enable a peripheral alarm device connected to the selected outputs (default is 1).
- Latch: When the 'De-bounce time' is ended, the alarm output relay you selected in 'Alarm out' will remain activated for this extra 'latch' period (from 1 to 300 seconds - default is 10). The latch is still valid even if you manually disable the alarm event.
- Show message: The system will pop up a message in the local host screen to alert you.
- Alarm upload: The system will upload an alarm signal to the network (including a central alarm location).
- Send email: An alert email is sent if an alarm is detected.
- PTZ activation: Here you can set PTZ movement when an alarm occurs. See *PTZ activation*, page 63.
- Delay: Set here an extra timer for channel recording to remain active (from 10 to 300 seconds - default is 10) after the 'De-bounce time' has elapsed.
- Display Mon. A: Here you can enable a tour function (a sequence of camera views) when an alarm occurs. The system supports only one-window tour for alarms. See *Display*, page 65 for how to pre-select the tour sequence and interval. Choose also which channels to display in the tour sequence.
- Snapshot: Select to snapshot an image from the chosen camera(s) when an alarm occurs. For snapshot operation, see *Encode*, page 39.
- Display Mon. B: Select both check boxes here to enable a tour function on Monitor B when there is an alarm signal. Choose also which channels to display in the tour sequence.
- Buzzer: Select here to activate the buzzer when an alarm occurs.

After completing setup, click **<Save>** to save your settings and go back to the previous menu.

Note: In the Detect menu, the **Copy** function is only valid for the same event type, which means you cannot copy a channel setup in video loss mode to camera masking mode.

6.8.1 Motion detect region setup

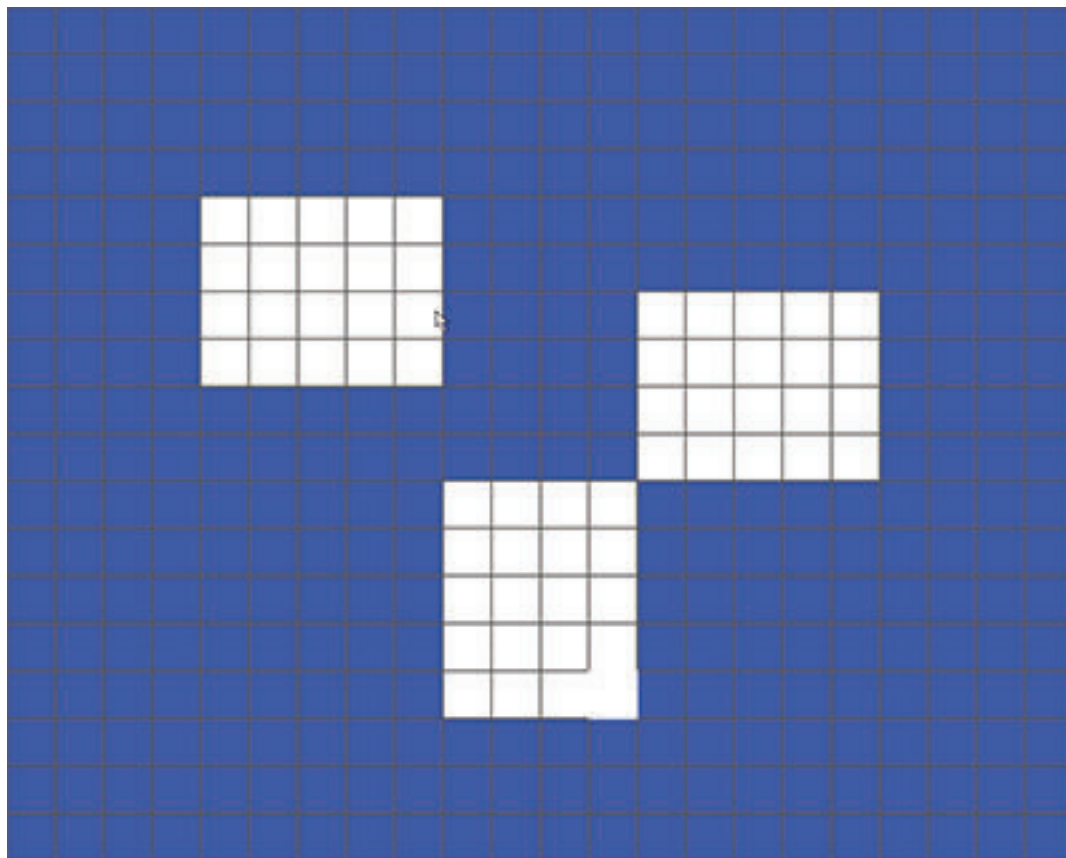


Figure 6.21: Motion detect region

See here that there are a collection of small rectangular zones on the screen (396 zones for PAL; 330 zones for NTSC). The normal default when you open this screen for each camera channel is that the complete screen is colored and 'armed' (activated for motion detection). A black (or dark) area signals a disarmed zone.

To set up motion detect on this screen:

1. Left-click the mouse and drag it over a region where you want to disable (disarm) motion detection. Notice that the selected zones become dark.
2. Release the mouse button when you have selected a complete area to be disabled for motion detection.
3. Now repeat this action for other areas on the screen to be disabled. If you want to 'rearm' a disabled area again, or you make a mistake, simply select the region again with the left-mouse button (the region will be colored again). Another way to arm/disarm zones is to use the Fn button on the front panel, or on the remote control, and select zones with the direction buttons.
4. After setting all the motion detection zones for a channel, return to the 'Detect' screen by right-clicking the mouse (or click the 'Enter' button). If you click the ESC button to exit the region setup screen, the zone setup will not be saved.

Note: Always remember to click <Save> on the 'Detect' interface to save the current setup.