

Ultra Motion Detection Setup

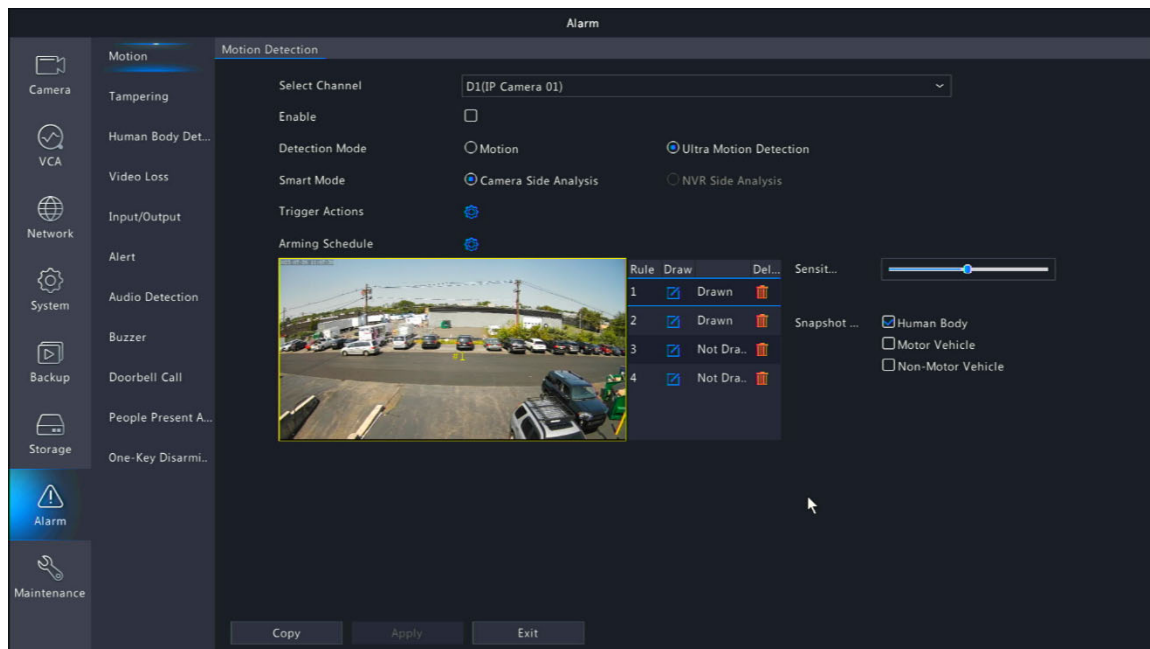
Ultra motion detection is a function found in newer Surevision Model Cameras. If the camera supports Ultra Motion Detection the camera will show up with an additional option on the Alarm page for Motion Detection.

Please make sure your camera and system is updated to the latest version. You can follow this guide to update.

[Upgrading Firmware](#)

To navigate to the Alarm page right click with the mouse and select Menu > Alarm > Motion.

On the motion detection page if the camera supports it you will have the option to select a Detection Mode. With Ultra Motion Detection you can enable AI based triggers that are not normally available on regular motion detection such as Human / Vehicle detection.



The functions can be helpful for filtering out environmental distractions that the motion detection normally would pick up.

Additionally, for specialty cameras such as our Active Deterrence cameras you can utilize Dual Light mode and enable the Alarm Sound and Flashing Light settings from the Trigger Actions page.

The example shown here is from the web service.

Please note that for cameras that originally did not have Ultra Motion Detection if there is an update available that adds the functionality the Human / Vehicle detection functions will still be an option however they were not designed with UMD in mind originally so they may have problems filtering out certain objects.

The screenshot displays the 'Motion' configuration page for channel 'D13 (SV-SB8-N)'. The 'Motion' status is set to 'On'. The 'Detection Mode' is 'Ultra Motion Detection', and the 'Smart Mode' is 'Camera Side Analysis'. Below these are three tabs: 'Area', 'Arming Schedule', and 'Trigger Actions'. The 'Trigger Actions' tab is active, showing a table of actions:

Conventional	Alarm Output	Recording
<input type="checkbox"/> Buzzer	<input type="checkbox"/> A->1	<input type="checkbox"/> D1
	<input type="checkbox"/> A->2	<input type="checkbox"/> D2
	<input type="checkbox"/> D1->1	<input type="checkbox"/> D3
	<input type="checkbox"/> D2->1	<input type="checkbox"/> D4
	<input type="checkbox"/> D7->1	<input type="checkbox"/> D5
	<input type="checkbox"/> D9->1	<input type="checkbox"/> D6
		<input type="checkbox"/> D7
		<input type="checkbox"/> D8

Below the table, there are sections for 'Goto Preset' (set to 'D1'), 'Send Email' (unchecked), and 'Alarm Sound&Light' (with 'Alarm Sound' and 'Flashing Light' options, each with a gear icon for configuration).