



## Question: What is the difference between “Video Motion Detection” and “Instant Detective?”

Answer: Video Motion Detection activates when the DVR senses movement, but it can be unreliable. Instant Detective solves that problem.

### “Video Motion Detection” or “Instant Detective” What’s the difference?

#### Video Motion Detection

**What:**

You set it up hoping you will get recorded footage

**Why:**

- 1) Set up incorrectly and it may not detect movement & trigger to record
- 2) It could record ‘non-events’ such as changes in light levels

**Conclusion:**

It can let you down and let the thief off!

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#### Instant Detective

**What:**

You set it up knowing you will get recorded footage

**Why:**

- 1) It records everything to analyse later
- 2) Instant Detective can analyse a particular area so an incident can be found in seconds

**Conclusion:**

Foolproof and timesaving

The smart option!

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You can set up most DVRs to “activate” recording when the DVR senses movement in a particular area, this is called “Video Motion Detection” or VMD for short. This is obviously quite a useful feature. For example, using VMD you could set up a DVR to record only when there is movement in a car park thereby only recording video footage that may be useful if an event occurs in that car park.

However there is a big problem with VMD! What happens if the DVR doesn’t trigger to record as the DVR doesn’t detect the movement? If this happens you have zero footage recorded! This can and will happen as VMD is triggered by what it thinks is movement in video by changes in the light levels. Because of the “tolerances” used to trigger VMD recording sometimes it will miss events. Conversely, sometimes it will record “non-events” due to changes in light levels on bright sunny days with intermittent cloud cover as the DVR *thinks* the changes in light as clouds move over the sun is movement in the picture.

So although VMD has uses, it also has flaws which is why many companies insist on 24/7 continuous recording. This means each cameras’ footage is recorded all day everyday regardless of if there is movement in the picture or not.

So if you are recording continuously wouldn’t it be great if you could then “analyse” a particular area, doorway, shelf and see what movement occurred within that area in the already recorded footage? Well you can with **Instant Detective!**

**Instant Detective** searches through **OLD** video recordings stored on the DVR for movement in a particular area so you can find out what happened in seconds without trawling through hours of footage. (Unlike VMD you know the incident will be there with **Instant Detective** as you record everything all the time).

This CCTV installation tip is aimed at helping you to install CCTV equipment. If you are looking for answers on “how to fit CCTV” or perhaps “how to network a DVR or NVR” or even “how to get CCTV on your mobile phone” why not check out our full range of CCTV installation tips at: [www.systemq.com](http://www.systemq.com)

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## Example, car park surveillance:



**1.** A car is reported stolen from a car park under the surveillance of a camera recorded on an alienDVR.

The operator goes straight to the Instant Detective feature in CCTVWindows or AlienVision to find out what happened.

**2.** He selects the area with a mouse where the car was parked and enters the timeframe when the car was stolen.

**3.** Instant Detective quickly finds footage of any activity around the vehicle and highlights the occurrences for the operator to play back.

**4.**



**THIEF  
CAUGHT ON  
CAMERA!**



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