

Videofied Technology

General Concepts for Outdoor MotionViewer

Maximize detection of actual intruders while minimizing false trips.

- Terminate view of Alarm Viewer
- Protect assets not area

Terminate View of MotionViewer

The DCV650 Outdoor MotionViewer consists of a PIR detector, a video camera, and infra-red illuminators. It is important to understand how these 3 elements act in conjunction with each other in order to best utilize the device's capabilities.

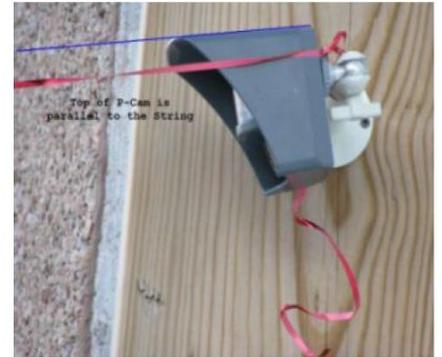
The PIR detector has a detection pattern of roughly a 90 degree angle so at 40 foot out it covers about 40 feet across. The detection does not just end at 40 feet out, however. The PIR may well detect considerably further. The video camera field of view roughly matches the detection area of the PIR element. Usable field of view for the camera is roughly 40 feet out.

The illuminators can give usable illumination out to a maximum of 40 feet.

When combined, all the elements limit the effectiveness of the Outdoor MotionViewer to maximum 40 feet. Because the PIR may detect farther than 40 feet it is important to terminate the view of the PIR by having it "hit" an object at maximum 40 feet. It is important to NOT mount the unit with the detector looking off into infinity. When no solid object terminates the view of the PIR, the installation requires tilting the Outdoor MotionViewer down at 5-10 degrees so it "hits dirt" at 40 feet out. See photo's demonstrating use of a 40 foot string in order to set the angle of the Outdoor Alarm Viewer.

Protect the asset not the area

We use a PIR element to detect motion and because of the way a PIR detects we recommend protecting ASSETS as compared to protecting AREA. Doing this will reduce false trips from animals, moving vehicles, foliage, wind blown debris, etc as the MotionViewer is looking at a more concise area. An example of this concept would be to point the Alarm Viewer at the 3 trucks parked in the lot every night instead trying to cover the entire parking lot. Another example would be to cover the back door, not the back lot as the door is the asset or high value protection area.



Remote Video Monitoring

Videofied is a complete CCTV surveillance system video alarm system that sends a short video clip with the Intruder alarm notification to the central station for immediate review.

Videofied links the video with the central station – self-surveillance does not.

A monitored video alarm delivers quicker Garda/Emergency dispatch.

Ideal security for vacant properties

We use technology to prevent crime happening: Instead of detecting/recording crime after it has happened, you can stop criminals before they attack. Alarm activated CCTV provides protection of the whole site at all times.

Tell the intruder to leave the site: The majority of our remotely monitored CCTV systems are installed complete with an audio warning facility, whereby our operatives can issue a live verbal challenge, before taking further action if needed. This feature has proven highly effective in deterring intruders before they cause damage.

Remote Dial in by Phone or PC to view multiple sites: CCTV over the internet or "IP Link" is a very popular feature, this enables customers to view and control CCTV systems using any internet connected computer/Smart Phone. For example, an owner could view multiple sites around the country, around the clock from the comfort of their own home or smartphone should they wish.

Save €€€€'s on security costs: Insurance companies love to hear you are using a monitoring CCTV product.

Servers continually poll the onsite equipment from the monitoring station, and any malfunctions are reported to the designated keyholders for investigation.

The monitoring center is working 24 hours by experienced staff, able to view and challenge intruders before damage or theft occur. If necessary, they have direct links to local Gardai who will give priority response for visually verified alarms.

Harris Security Installations only install equipment of the highest quality from the leading suppliers in the market such as Adpro, Heitel and Videofied.

However, even top quality cameras or detectors if poorly positioned they will flood the central station with false alarms making it impossible maintain a site's security. Our experienced engineers will install to prevent this occurring and leave you with complete peace of mind.

