



Product Information Sheet

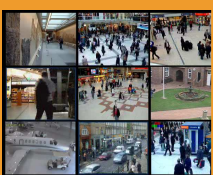
Areas of specific interest to be monitored can be of any shape or size, not just squares and rectangles

High-value assets and exhibits can be protected by a virtual tripwire

Highly effective perimeter protection, even when there is moving foliage in the sensitive area (impossible with VMD based technologies)

Sophisticated filtering with low false alert rates

Directional movement can be alerted



Videalert Critical Asset Protection (VCAP) is an application that analyses CCTV images in real-time and provides rapid incident alerts, to allow organisations to significantly enhance the monitoring and protection of their critical assets and infrastructure.

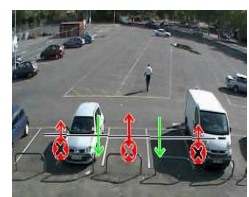
In this day of multiple and changing threats it is vital that events are detected and if at all possible prevented. Replaying hours of video to do post-event analysis is of some value, but of much higher value is the prevention of an incident. Many studies have shown that after about 20 minutes of monitoring CCTV cameras that even the most conscientious operator's performance drops to such a level that well over 90% of events and incidents are missed, particularly if they are distracted by events on another monitor. By bringing the CCTV operator's attention to a specific event, critical risks can be eliminated. What price can be put on the interception of a potential terrorist threat?

Key Features

- VCAP is very easy to setup and the system learns the scene to be observed in as little as 10 seconds
- Virtual perimeters can be defined very quickly and any breach of the perimeter can be alerted instantly
- Analogue and IP cameras are supported, such that the system can be retro-fitted to existing camera deployments as well as new ones
- VCAP can be pre-programmed to detect very specific types of activity, intelligently ignoring extraneous causes of false alerts (such as animals on the scene) that plague VMD-based technologies
- The size of objects to be scanned for can be defined, such that the system can differentiate between animal, birds and humans
- VCAP can raise alerts based on the linking of events, allowing the sophisticated detection of events only when they occur in combination or in sequence within a pre-specified period of time
- Objects or vehicles that remain on the scene for longer than a preset time can be set to raise an alert
- People loitering can be alerted, often identifying potential crimes such as drug dealing and graffiti
- Organisations like museums and art galleries can protect high-value assets with the virtual tripwire, which can be active during and outside of visitor times
- Alerts can be raised on the movement of people or vehicles in a specific direction, further enhancing intruder detection
- Multiple incidents can be scanned for by a single camera

***Protect your assets, enhance community safety,
minimise operational costs...***

Move CCTV monitoring into the 21st century





Videalert Critical Asset Protection









Standard Solution Features

All of the Videalert solutions are built around a common software framework and the following are standard features of every product:

- Support for static and PTZ cameras, IP or analogue (PAL or NTSC) connections and ability to analyse video feeds from a variety of different camera types: colour/greyscale, day-night hybrid cameras, filtered infrared and thermal imaging
- Dynamic Scene Learning (DSL) enables rapid assimilation of any scene - analysis can begin within seconds of the system being started
- The user can define the following using a simple and intuitive GUI:
 - single and multiple overlapping areas of interest (AOI) from a single camera
 - virtual tripwire or perimeter, protecting an object or physical area
 - 'linked alerts' allowing the association of separate events before an alert is raised
 - objects being abandoned
 - people or objects remaining static in a scene for a period of time (car stopped on hard shoulder)
 - people or objects remaining within a scene for a period of time (loitering)
 - definition of minimum and maximum size and shape of objects of interest
 - directional tracking
- On the occurrence of an event of interest, the user can define one or more required actions:
 - production of traffic or security video evidence pack, with pre and post alert video
 - UDP or TCP message alerts, allowing interfaces to external systems and consoles
 - email alerts
- Sophisticated analysis graphics enable users to watch what is happening and tune the system
- Full central management console for easy system monitoring and maintenance
- People and object counts can be viewed in real-time

Partners

Videalert sells its software directly and also supports a full partner eco-system

Solution Partners	Technology Partners
 	 
 	

For more information contact Videalert Limited as follows:

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