



Quadrox Video Analytics – Clear Sight, Clearer Insight

QVA adds real value to any CCTV installation in a simple and cost effective manner through use of its powerful intuitive tracking engine.

Benefits

The system offers the following overall benefits:

- High quality tracking engine
- Quick and easy to use – intuitive patented 3D graphical interface
- No algorithm parameters
- Cost-effectiveness

Tracker

This high-end tracking engine, which is the basis of the system, offers a wide variety of intuitive, intelligent functions:

- Tracks up to 100 targets simultaneously
- Up to 40 general purpose, user-defined, polygonal detection zones
- Tracks objects when they stop or move very slowly
- Continues to track objects which pass each other, ensuring that the trail is continuous and unbroken
- Continues tracking when objects are partially or completely obscured temporarily
- Adjusts to image degradation caused by rain, fog, dirty camera lens and low sun position causing dazzle
- Ignores changes in light due to clouds and switching on artificial lights or camera auto-iris operation
- Ignores repetitive movement
- Ignores cloud shadows passing across the ground
- Ignores video interference and missing video frames



- Tracks objects on 100% of screen area (except in any non-detection zones as defined by the user)
- Primary intrusion detection:
 - The Presence filter detects when an object, person or vehicle is inside or crossing a zone or a line
 - Detection zones are polygonal with a variable number of vertices so that any shape can be supported
 - Detection zone can also be a line, which can have one or many segments
 - Includes non-detection zones for masking possible sources of false alarms
 - Fast moving objects are detected even if they pass through the zone or line quickly
- Tamper detection: alarm is triggered for cameras no longer providing effective coverage due to being obscured by a plastic bag, a spray painted lens or moved from its correct position