Ernitec Video Analytics

iLids Approved Video Analytics

- Trip Wire
- Tracking
- People Counting
- Dwell Filter
- Remove Object
- Speed Detection
- Smoke
- Fire

Video Analytics Package

The Ernitec Video Analytics Package can be implemented either as a counting functionality or with full VCA functionality. It includes tempering detection mechanism to prevent camera vandalism. The easy to use graphical configuration tool for camera calibration and generating zones, lines and rules for VCA events.

The VCA functionality includes a full set of filters, such as entry/exits, dwell time, tripwire, speed detection, object detection and removal.

Located in the VCA you can select on a camera by camera basis the most appropriate analytics function to be used. The web based reporting tool can be used via browser.

Counting Function

With the counting function you can set object counts based n object classification and movement direction, its also fully integrated with the EVR video Management Solution.

This can be used with any given camera on the Ernitec Enterprise VMS, weather it be IP or Analog cameras.

You can create multiple counting zones on one camera overlay to suit what instances the camera view might incur.

Also with the counting function it can distinguish between objects weather it be a Bike, Car, Person etc… It is highly accurate with its built it self training analytics engine. You can also use the reporting tool for flow analytics and daily/weekly/monthly/yearly visitor statistics.

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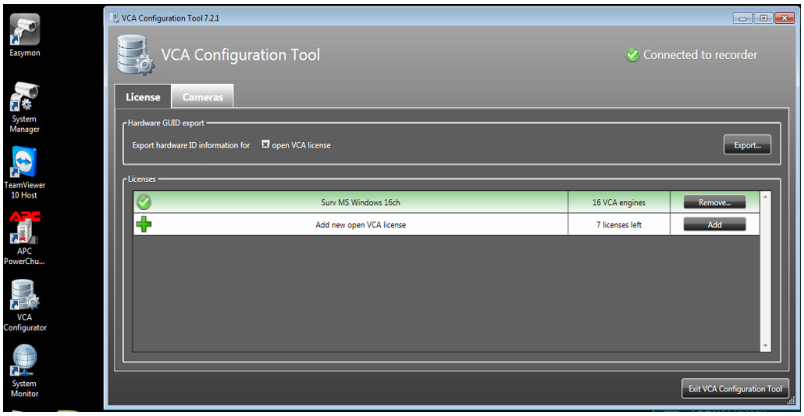
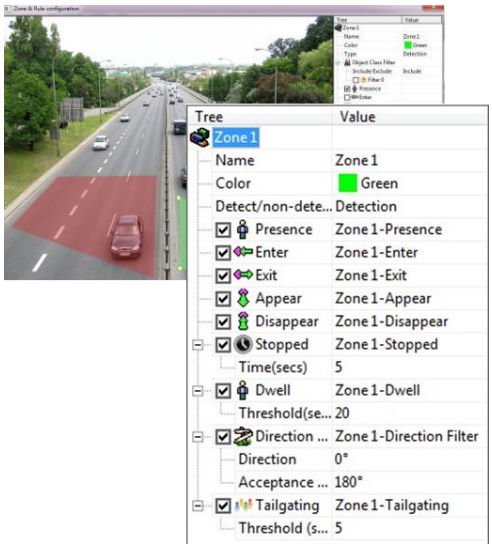
VCA Configuration Tool

The VCA configuration screen is where you configure the initial setup of the VCA. The separate license for the VCA needs to be added at this stage.



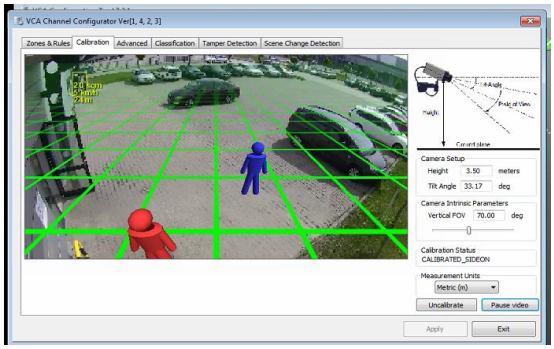


Zones & Lines

The configuration screen is where you configure the zones and lines you need to use for different aspects of the VCA.
You can add lots of different filters to each zone/line, such as direction filters, people dwelling, tripwires, object appeared/disappeared, speed tracking and many others.

VCA Channel Configuration

The VCA configuration screen is where you can set the camera up for use with VCA. For the VCA to work you need to add the angle of the camera and the height of the camera so it can work out the area in a 3D space, so this can determine weather the camera is looking at a car, person or other objects. When you get the next screen you need to configure the channel by using the image overlay (right). This is based on a 6ft human so you can obtain the right height and FOV for the camera (near and far).



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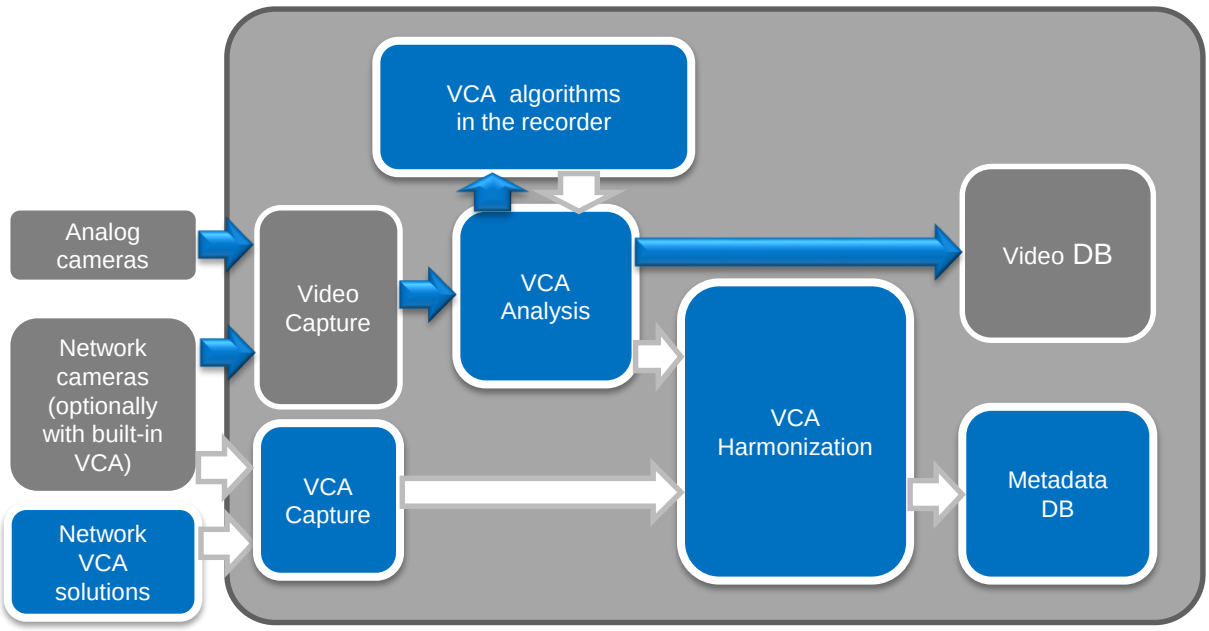
Optional Mounting Accessories

Architecture

Ernitec Video Analytics platform consists of a set of interfaces and API's, allowing the analytics solution to be easily integrated to the EVR VMS. Analytics meta-data, such as object coordinates and properties are captured through XML-configurable network interfaces. Once captured, the semantics of different meta-data languages is harmonised and the data is checked against alarm rules. Finally the data is stored into an open database for later search and retrieval.



Ordering Information

0063-99988	**Video Analytics package for 1 camera, includes object classification presence, enter/exit, appear/disappear, stop, dwell, direction, speed and tailgating.**
0063-99989	**Video Analytics Count 1 – Video analytics license for 1 camera.**
0063-99990	**Reporting Tool and database for alarms and system management.**

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