

SmartVeillance[®] Analytics

Intelligent Visual Surveillance Solution

The SmartVeillance Visual Intelligence engine combines sophisticated image analysis techniques, highly scalable video networking and workflow management tools to optimise your security surveillance operation. Through analytic intelligence, the system is able to detect and segment video images, and identify and track object movements while recording all the data streams of the video images captured by the surveillance cameras and other security sensors in real-time.

Main Features and Benefits

- Real-time detection of abnormal behaviour based on pre-set functional configuration for each camera with alarm trigger and notification to mobile phone
- Leverage on current infrastructure. Intelligent Visual Surveillance System software works with existing CCTV camera and network infrastructure
- Easily scalable to monitor from a single camera to hundreds of cameras
- Advanced image analysis during live video capture

The SmartVeillance interface has been specifically designed for security professionals, with simultaneous access to real-time and recorded data to improve the process of security surveillance and response management.

CAMERA LIST WINDOW
Listing of all cameras. Shows status of camera, analyzers and recording for each camera.

PRIORITY SENSOR WINDOW
Snapshots of cameras with activity detected to alert operator.
Ordered according to latest activity.
Time period of alert can be customized.

GRIDMAP
Graphical representation of Camera Locations and Status.
Operators click on camera icons to view.
Bitmap of site plan can be incorporated to give operator a better feel.

TIMELINE WINDOW
Presents all video, metadata such as Face, Activity and Abnormal Activity and tags in a linear time line for operators to quickly determine the time and cause of an alert.
Zoom and scroll functions allow operators to better scrutinize activity.

MAIN VIEWER
Shows video captured.
Operator can select from Live or Recorded Videos.
Playback and zoom buttons ready.
Controls for PTZ camera through this interface.
Operator creates tags and line markings.
Can view single or multiple live cameras in big, medium or small representation.

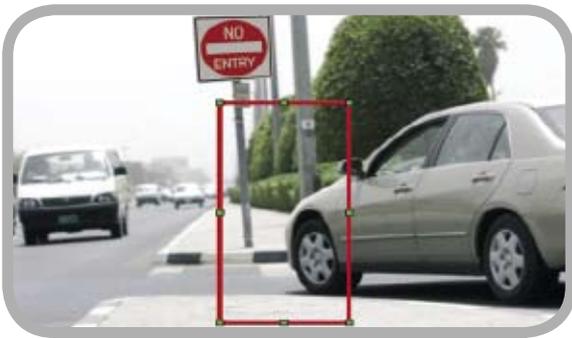
SmartVeillance provides a range of capabilities to detect the object behaviours:



Counting Engine
Statistical counting of vehicle/objects with independent portals



Perimeter Breach Detection
Alert for object breaching critical area perimeter



Directional Detection
Detection of object moving against direction



High Speed, Low Speed & Speed Range
Alert for objects/vehicles exceeding or below speed threshold set



Face Detection
Capturing of faces from scene and placing them into video timeline



Camera Tempering Detection
Alert for cameras moved or blocked

For demo & inquiries, please contact

