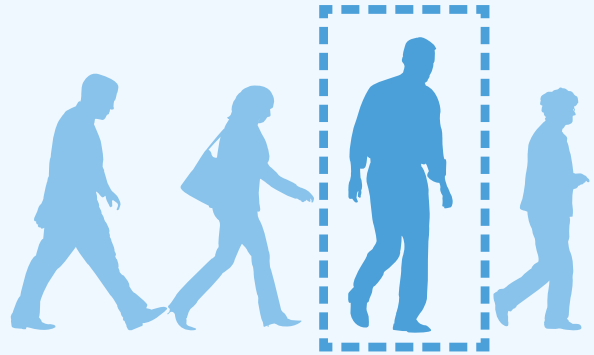


Standard VCA

On-Camera Video Content Analysis



Line Crossing Detection · Field Detection · Loitering Detection

VIVOTEK's Standard Video Content Analysis (Standard VCA) is an embedded application package for VIVOTEK cameras that offer three key functions including Line Crossing Detection, Field Detection and Loitering Detection. The Standard VCA application package follows the debut of the VIVOTEK Application Development Platform (VADP), an open platform which enable third party partners to upload applications with analytic features to the camera, providing additional added value and flexibility to users in various industry.

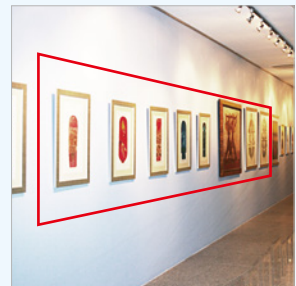
The Line Crossing Detection function detects objects crossing a virtual line in either or both directions. The Field Detection feature triggers an event when objects move into or out of a configurable region of interest. The Loitering Detection triggers when objects linger in the region of interest for more than a preconfigured period of time.

Features

- Embedded Application on Camera
- Real Time Analytics
- Easy Configuration
- Multiple Analyses in One Package



Line Crossing Detection



Field Detection



Object resting time: 10 ~ 180 sec.

Loitering Detection

Technical Specifications

Camera considerations		Software	Open API for software integration with Onvif specification as well as VIVOTEK Application Development Platform (VADP)
Camera placement	45° - 90° angle to object direction	General	
Lighting conditions	Full lighting condition		
Limitations	Shadows caused by light direction change might cause inaccurate counting.		
Integration		Language	English
Camera	Integrates with camera event management system	Licenses	One VCA license only for one camera
		Browser support	I.E. 10/11

Setup and Configuration

Line crossing		Loitering detection	
Line setup	Tripwire setting	Object resting time	10 ~ 180 sec.
Object direction	Configurable		
Field detection			
Field area setup	Setting area using maximum 20 points		

Standard VCA Structure

