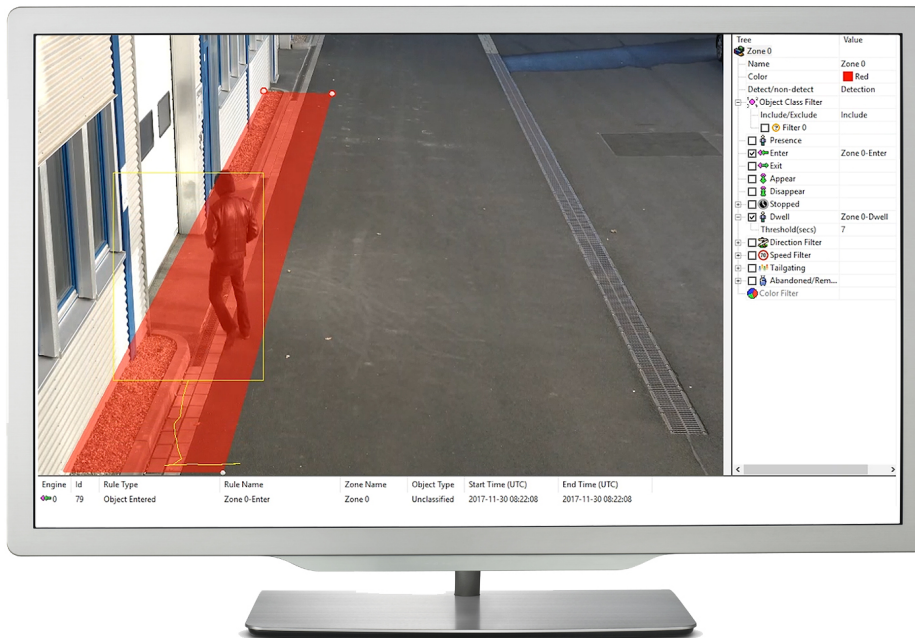# GEUTEBRüCK

Video Content Analysis - Motion Detection
VCAdetect

Camera-based video content analysis is an elementary tool for video surveillance. The VCAdetect option makes it easy to detect movement patterns, such as people staying in certain areas for a noticeably long time or unauthorized intrusion into predefined zones.

- Anterooms of banks.
- Parking space and yard surveillance on company premises.
- Protection against intruders on the premises.

- Save processor power with professional camera-based video analysis.
- Demand-oriented parameterization of alarm triggering scenarios.
- Loitering/Dwell-Function, etc.
- Optimal system adaptation through freely configurable alarm zones and counting lines in the image.
- Lower false alarm rate by classifying perspectives with 3D size calibration of objects.
- High security through sabotage detection and automatic adaptation to changing light and weather conditions in the image background.
- Fast commissioning due to simple parameterization even without special previous knowledge.

Technical data

Designation	VCAdetect	Functions
Zones & lines	Yes	Adjustable sensitive zones and sensitive lines.
Tamper detection	Yes	Tamper detection: Event notification when the camera is covered or the viewing angle of the camera is changed.
3D calibration	Yes	Size calibration of objects in the 2D video image.
Non-detection zone	Yes	Definition of areas that are not to be considered in the analysis.
Surveillance Tracker	Yes	Optimized simultaneous observation of up to 100 outdoor objects.
Presence filter	Yes	Motion detection and tracking of objects in the video image.
Dwell filter	Yes	Filter for dwelling: Event notification when an object has entered a zone and moves in the zone for longer than the set time.
Direction filter	Yes	Filter for direction of movement: Event notification when an object moves in a specific direction.
Speed filter	Yes	Filter for speed: Filter for detecting object speeds.
G-Core connection	Yes	Event notification to G-Core.
Order No.	8.50201	VCAdetect video content analysis software option