

Video Analytics



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SAIMOS® Video Analytics is a flexible and scalable solution based on Artificial Intelligence and Deep Learning for professional users in various industries.

The following modules and functionalities are available:

- Perimeter protection
- Object detection / Loitering
- Blurring
- 2D & 3D Counting and Heatmapping
- 3D Gate
- Observation

All SAIMOS® Video Analytics modules are characterized by stability, high quality of results, simple configuration, VMS integration (Milestone, SeeTec) and excellent support.

Individually customized versions or extensions are possible.

Please contact us for further details: contact@saimos.eu ■ www.saimos.eu



Functionality

Perimeter protection	<ul style="list-style-type: none"> ■ Secures outdoor and indoor areas ■ Detects intruders at an early stage ■ Define observation areas with possible combinations for retention time, speed and direction of movement ■ Advanced events filtering using AI to avoid false alarms
Object detection / Loitering	<ul style="list-style-type: none"> ■ Protects indoor areas against theft ■ Detects unwanted objects (blocked areas) ■ Detects long-term loitering ■ Detection of removed or left behind objects ■ Simple configuration by defining the desired minimum and maximum object size
Blurring	<ul style="list-style-type: none"> ■ Protects privacy by blurring ■ Dynamic blurring based on motion detection ■ Static blurring of fixed areas ■ RTSP/MPEG4 output for integration into video management systems
2D & 3D Counting / Heatmapping	<ul style="list-style-type: none"> ■ People counting and heatmapping ■ For optimization of shops and their operation ■ Counting statistics, reporting and heatmapping for PoS optimization ■ Counting people in a certain area and statistics for security optimization ■ Flexible dashboard for real-time analysis ■ Automatic reports in PDF, HTML, Excel and CSV
3D Gate	<ul style="list-style-type: none"> ■ Ensures entrance of one person at a time in turnstiles ■ Separation detection using 3D technology / sensor technology ■ Easy to install ■ Can be connected to existing access control systems ■ Easy to retrofit even in existing Gates
Observation	<ul style="list-style-type: none"> ■ Deep Learning face detection and recognition for observation ■ Simple configuration ■ Black/whitelisting ■ High recognition rate even with non-frontal camera angles ■ Grouping of similar faces automatically