

Video Analytics



See More

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

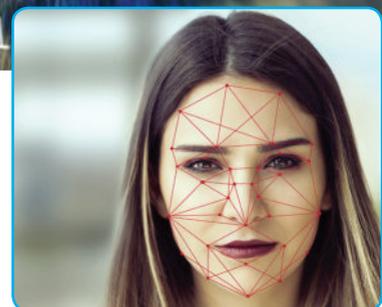
The following modules and functionalities are available:

- Perimeter protection
- Object detection / Loitering
- Dynamic Blurring
- 2D & 3D Counting and Heatmapping
- Face Analytics
- Edge Analytics
- 3D Gate
- LPR

All SAIMOS® Video Analytics modules are characterized by stability, high quality of results, simple configuration, VMS integration (Milestone XProtect®, SiVMS) 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
Dynamic 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
Face Analytics	<ul style="list-style-type: none"> ■ Deep Learning face detection and recognition for observation ■ Gender/Age estimation ■ Black/whitelisting ■ High recognition rate even with non-frontal camera angles ■ Grouping of similar faces automatically
LPR	<ul style="list-style-type: none"> ■ License Plate Recognition ■ Parking & free-flow traffic ■ Black/whitelisting ■ Search & Reporting ■ Alarming & I/O device connectivity ■ Nearly all countries globally supported
Edge Analytics	<ul style="list-style-type: none"> ■ Available via the Security & Safety Things (S&ST store) ■ AI-based algorithms running on the camera ■ Combined Edge- & Server Analytics supported ■ Integrated with Milestone XProtect(r) and SiVMS ■ Counting, Heatmapping & Perimeter