



Technical Specifications

MOBOTIX ActivitySensor ONE App

Unparalleled ACTIVITY SENSOR

The new MOBOTIX ActivitySensor ONE with AI-based object detection (movement and direction of people and vehicles) offers a professional HiRes video security solution for perimeter and property protection with extremely reliable intrusion detection. There are no more limitations as with traditional image analysis tools (video motion based).

- Motion detection of user-defined objects such as persons and/or vehicles
- Detection and classification of objects based on artificial intelligence
- Detection and specification of the motion direction events via MOBOTIX MxMessageSystem
- Consolidated event search via MxManagementCenter Smart Data Interface
- Definition of up to 20 detection areas within the camera's field of view
- Region of application: World-wide



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Product Information

Product Name	MOBOTIX ActivitySensor ONE App
Order Code	-/-
Supported MOBOTIX Cameras	M1A-S
Minimum Camera Firmware	v7.3.1.x
MxManagementCenter compatibility	<ul style="list-style-type: none">min. MxMC v2.5Configuration: Advanced Config license requiredEvent Search: Smart Data Interface license included

Product Features

App Features	<ul style="list-style-type: none">Motion detection of user-defined objects such as persons and/or vehiclesDetection and classification of objects based on artificial intelligenceDetection and specification of the motion direction MOBOTIX events via MxMessageSystemConsolidated event search via MxManagementCenterSmart Data InterfaceDefinition of up to 20 detection areas within the camera's field of view
Maximum number of recognition areas	20
Recognized objects	Persons, Cars, Trucks, Buses, Motorcycles, Bicycles
Supported image sensor types	Day, Night, Day/Night
Dual / Multi Sensor usage	No (See Hardware Requirements below)
MxMessageSystem supported	Yes
MOBOTIX Events	Yes
ONVIF Events	Yes (Generic Message event)

Hardware / Scene Requirements

Camera Sensor Connector Connector 1

NOTE! Only one image sensor can be used

Object Recognition as basis for MOBOTIX ActivitySensor AI

Recommended installation position (camera) wall-mounted

Recommended installation height (camera) 2m - 5m

Recommended viewing angle on object 0° - 30° (wall mount perspective)

Minimum object size 1/20 of image height (15px at CIF resolution)

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Synchronous / Asynchronous App asynchronous

Processed frame rate typ. 5 fps

Detection average accuracy Persons: >90%; Vehicles: >85%

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