



Technical Specifications

MOBOTIX ActivitySensor AI App

Smart Activity Analytics

The app's artificial intelligence-based algorithms detect and classify user-defined motion and objects in up to 20 detection areas. Best suited for: Utilities, Health Care, Energy & Mining; Industry & Production; Government; Traffic & Transportation; Retail; Healthcare; Education & Science

- 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 MOBOTIX events via MxMessageSystem
- Consolidated event search via MxManagementCenter Smart Data Interface
- Definition of up to 20 detection areas within the camera's field of view



BeyondHumanVision

MOBOTIX

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Product Information

Product Name	MOBOTIX ActivitySensor AI App
Order Code	Mx-APP-MX-THD
Supported MOBOTIX Cam- eras	M73, S74, D71
Minimum Camera Firmware	v7.3.1.x
MxManagementCenter com- patibility	<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 Inter- faceDefinition of up to 20 detection areas within the camera's field of view
Maximum number of recog- nition 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 sup- ported	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 wall-mounted
position (camera)

Recommended installation 2m - 5m
height (camera)

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

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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