



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 Cameras	M73, S74, D71
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 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%

