



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

Detect falls and unauthorized bed leaving immediately in real time!



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Pre-installed on the MOBOTIX c71 NurseAssist camera with intelligent MOBOTIX sensor technology the app supports hospitals, nursing homes and retirement homes effectively and cost-efficiently in protecting patients and those in need of care - automatically around the clock.

- Reliable monitoring of patients well-being.
- Integrated AI-powered software detects incidents based in real time.
- Automatic alerts to staff in case of alarm.
- Direct patient dialog possible via integrated microphone/audio function.
- Simple and decent installation.
- GDPR compliant operation through event-controlled obscuring of live and recorded images.

NOTE! The MOBOTIX ActivitySensor AI App is available pre-installed on the MOBOTIX c71 NurseAssist camera only.

Product Information

Product Name	MOBOTIX ActivitySensor AI App
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Order Code	Mx-APP-MX-THD
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Supported MOBOTIX Cameras	M73, S74, D71
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Minimum Camera Firmware	v7.3.1.x
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MxManagementCenter compatibility	<ul style="list-style-type: none">▪ min. MxMC v2.5▪ Configuration: Advanced Config license required▪ Event Search: Smart Data Interface license included
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Product Features

App Features	<ul style="list-style-type: none">▪ 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 MxManagementCenterSmart Data Interface▪ Definition 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
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Processed frame rate	typ. 5 fps
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Detection average accuracy	Persons: >90%; Vehicles: >85%
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