



# Technical Specifications

## MOBOTIX Object Recognition App

### Product Information

Product Name	MOBOTIX Object Recognition App
Supported MOBOTIX Cameras	Mx-M73A, Mx-S74A
Minimum Camera Firmware	V7.0.6.x
MxManagementCenter Integration	<ul style="list-style-type: none"><li>■ min. MxMC v2.4</li><li>■ Advanced Config license required</li></ul>



BeyondHumanVision

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## Product Features

App Features	<div>Analytics features:<ul style="list-style-type: none"><li>▪ Deep learning object recognition as basis for MxAnalytics features</li><li>▪ Restricted Area (Motion Detection)</li></ul>Basicfeatures:<ul style="list-style-type: none"><li>▪ time table to enable MxAnalytics only within defined schedules (e.g. opening hours)</li><li>▪ MOBOTIX events via MxMessageSystem</li></ul></div>
Recognized objects	<ul style="list-style-type: none"><li>▪ Persons</li><li>▪ Vehicles: Car, Truck, Bus, Motorcycle, Bicycle, Boat, Airplane, Train</li><li>▪ Animals: Bird, Cat, Dog, Horse, Sheep, Cow, Elephant, Bear, Zebra, Giraffe</li></ul>
Supported image sensor types	Day, Night, Day/Night
Dual / Multi Sensor usage	No
MxMessageSystem supported	Yes
MOBOTIX events	Yes
ONVIF Events	Yes (Generic Message events)

## Hardware Requirements

Camera Sensor Connector	Connector 1 (Only one image sensor usable)
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## Scene Requirements for Object Recognition

Recommended camera position	wall mounted
Recommended installation height (camera)	2m - 4m
Recommended viewing angle on object	0° - 30° (wall mount perspective)
Minimum object size	1/10 of image height

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## Technical App Specifications

Synchronous / Asynchronous App	Asynchronous
Detection accuracy	Person: > 90% Vehicle: > 80%
Counting accuracy	> 90%
Processed number of frames per second	typ. 5 fps

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