



# Technical Specifications

## MOBOTIX MxAnalytics App

### Certified App for License Plate Recognition

The app's artificial intelligence-based algorithms, which have already been successfully tested in numerous European markets, allow the reliable recognition of single and two-line license plates of vehicles in the supported regions of origin (Latin and Hebrew characters and numbers). The app can be tested free of charge for 30 days and is activated by license for an unlimited period of time. Typical application areas for the app are: Parking management, access control and regulation, traffic monitoring.

- App delivers events via MxMessageSystem in real-time
- Integrated recognition protocol (last 1000 recognized license plates)
- Detection with at least 95 % accuracy (depending on environmental conditions)
- Camera can be online or offline
- Configuration of the application also via MxManagementCenter (free Advanced Config license required)
- Can be used with all cameras of the MOBOTIX 7 system platform



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## Product Information

Product Name	MxAnalytics App
Supported MOBOTIX Cameras	Mx-M73A, Mx-S74A
Minimum Camera Firmware	V7.0.6.x
MxManagementCenter Integration	- min. MxMC v2.4 - Advanced Config license required

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## Product Features

App Features	Available Analytics Features: <ul style="list-style-type: none"><li>■ People / Object Counting</li><li>■ Heatmap</li><li>■ Restricted Area (Motion Detection)</li><li>■ time table to enable MxAnalytics only within defined schedules (e.g. opening hours)</li><li>■ auto-generated people / object counting reports</li><li>■ auto-generated heatmap reports</li><li>■ MOBOTIX events via MxMessageSystem</li></ul>
Maximum number of detection areas	20
Maximum number of counting corridors	16
Maximum number of restricted areas	20
Supported image sensor types	Day, Night, Day/Night
Dual / Multi Sensor usage	Yes
MxMessageSystem supported	Yes

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Report export formats	Counting reports: CSV and HTML (table view) Heatmap reports: JPEG
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MOBOTIX events	Yes
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ONVIF Events	*
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### Scene Requirements

Recommended camera position	ceiling mounted (recommended), wall mounted
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Recommended installation height (camera)	2,5 - 10 m (depending on lens variant)
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Recommended viewing angle on object	+ - 30° (ceiling mount perspective)
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Minimum object size	250px
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### Technical App Specifications

Synchronous / Asynchronous App	Asynchronous
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Accuracy	Typ. 97% (considering scene & technical requirements)
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Processed number of frames per second	Typ. 20 fps
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MOBOTIX AG • Kaiserstrasse • D-67722 Langmeil • Tel.: +49 6302 9816-103 • [sales@mobotix.com](mailto:sales@mobotix.com) • [www.mobotix.com](http://www.mobotix.com)

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