



Technical Specifications

MOBOTIX MxAnalytics App

Motion Detection, Object Counting, Heat Mapping

MxAnalytics App collects behavioral data on individuals and objects. Detection zones are defined and counting corridors defined for this purpose. The camera then records how often the object has passed through each counting corridor within a certain period of time. In a heat map, the most frequented locations in the detection area color-coded.

- Free of charge and license-free, unlimited use with any MOBOTIX 7 camera
- Motion detection in (defined) restricted areas
- Person/object counting based on motion detection (optional: accumulated)
- Creates Heatmaps
- Auto-generated counting and heat map reports

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

Product Features

App Features	Available Analytics Features: <ul style="list-style-type: none">■ People / Object Counting■ Heatmap■ Restricted Area (Motion Detection) Other features of the app: <ul style="list-style-type: none">■ time table to enable MxAnalytics only within defined schedules (e.g. opening hours)■ auto-generated people / object counting reports■ auto-generated heatmap reports■ MOBOTIX events via MxMessageSystem
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
Report export formats	Counting reports: CSV and HTML (table view) Heatmap reports: JPEG
MOBOTIX events	Yes
ONVIF Events	*

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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* available with updates in future