Technical Specifications

MOBOTIX MxAnalytics App

Motion detection, Object counting, Heatmap creation

The MxAnalytics App records behavioral data on people and objects. For this purpose, detection zones and counting corridors are defined. The camera then records how often the object passes through the individual counting corridors within a specified period of time. The most frequently frequented locations in the detection zone are color-coded in a heat map.

- Free of charge and license-free, unlimited use with any MOBOTIX 7 camera.
- Motion detection in (defined) restricted areas
- People/object counting based on motion detection (optional: cumulative)
- Creates heatmaps
- Automatically generated count and heatmap reports

HEVCAdvance™

BeyondHumanVision

MOBOTIX

Technical Specifications

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: ■ People / Object Counting ■ Heatmap ■ Restricted Area (Motion Detection) ■ 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	Yes (Generic Message event)

Scene Requirements

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

Technical App Specifications

Synchronous / Asynchronous App	Asynchronous
Accuracy	Typ. 97% (considering scene & technical requirements)
Processed number of frames per second	Typ. 20 fps

MOBOTIX

BeyondHumanVision