



# Technical Specifications

## MOBOTIX FF Group License Plate Recognition App - Region ME

### Certified App for License Plate Recognition - Region Middle East

The app's artificial intelligence-based algorithms, which have been successfully tested in numerous middle eastern markets, allow the reliable recognition of single and two-line license plates of vehicles in the supported regions of origin (Saudi Arabia, United Arab Emirates, Bahrain, Kuwait, Qatar, Oman). 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 95% accuracy
- 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	FF Group License Plate Recognition App - Region ME
Order Code	Mx-APP-FF-LPR-ME
Supported MOBOTIX Cameras	Mx-M73A, Mx-S74A
Minimum Camera Firmware	v7.3.0.x
MxManagementCenter Integration	<ul style="list-style-type: none"><li>min. MxMC v2.5.3</li><li>Configuration: Advanced Config license required</li><li>Event Search: Smart Data Interface license included</li></ul>

## Product Features

App Features	<ul style="list-style-type: none"><li>Recognition of one- and two-line license plates</li><li>simultaneous recognition on one or more image sensors</li><li>Recognition of latin characters</li><li>Consolidated event search via MxManagementCenter Smart Data Interface</li><li>MOBOTIX events via MxMessageSystem</li><li>Multiple license plate lists for individual actions (e.g. access granted, alarm, etc.)</li></ul>
Maximum number of lanes	3
Maximum number of enrolled license plates	1000
Meta Data / Statistic formats	JSON
Trial License	30-day trial license pre-installed
MxMessageSystem supported	Yes
Integration interfaces	<ul style="list-style-type: none"><li>3rd party integration via HTTP(S) Post and TCP messages</li><li>UMTC protocol</li><li>compare supported camera interfaces</li></ul>

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MOBOTIX Events	Yes
ONVIF Events	Yes (Generic message event)

## Supported Regions

Supported license plates / countries	Saudi Arabia, United Arabic Emirates, Bahrain, Kuwait, Qatar, Oman
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## Scene Requirements

License Plate Width	min. 130px max. 300px
Maximum Vertical Angle	30°
Maximum Horizontal Angle	30°
Maximum Tilt Angle	5°

## Technical App Specifications

Synchronous / Asynchronous App	synchronous
Simultaneous execution of other apps	Yes (considering performance requirements)
Accuracy	min. 95% (considering scene requirements)
Processed framerate	typ. 10 fps
Detection time	typ. 80ms (one lane) typ. 120ms (two lanes)

# MOBOTIX

BeyondHumanVision

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