



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). 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 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	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">min. MxMC v2.5.3Configuration: Advanced Config license requiredEvent Search: Smart Data Interface license included

Product Features

App Features	<ul style="list-style-type: none">Recognition of one- and two-line license platessimultaneous recognition on one or more image sensorsRecognition of latin and arabic charactersConsolidated event search via MxManagementCenter Smart Data InterfaceMOBOTIX events via MxMessageSystemMultiple license plate lists for individual actions (e.g. access granted, alarm, etc.)
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">3rd party integration via HTTP(S) Post and TCP messagesUMTC protocolcompare supported camera interfaces
MOBOTIX Events	Yes
ONVIF Events	Yes (Generic message event)

Supported Regions

Supported license plates / countries Saudi Arabia, United Arab Emirates, Bahrain, Kuwait, Qatar, Oman

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)



EN_10/21

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