



# 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

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|--------------------------------|--|
| 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> |

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## Product Features

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|---|---|
| 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>   |
| MOBOTIX Events                            | Yes   |
| ONVIF Events                              | Yes (Generic message event)   |

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## Supported Regions

Supported license plates / countries Saudi Arabia, United Arab 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°

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## 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)

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# MOBOTIX

BeyondHumanVision

[EN\\_03/22](#)

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