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 Arabic 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	- min. MxMC v2.5.3 - Configuration: Advanced Config license required - Event Search: Smart Data Interface license included

Product Features

App Features	- Recognition of one- and two-line license plates - simultaneous recognition on one or more image sensors - Recognition of latin characters - Consolidated event search via MxManagementCenter Smart Data Interface - MOBOTIX events via MxMessageSystem - Multiple 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	3rd party integration via HTTP(S) Post and TCP messages - UMTC protocol - compare supported camera interfaces

MOBOTIX Events	Yes
ONVIF Events	Yes (Generic message event)

Supported Regions

Supported license plates / countries	Saudi Arabia, United Arabic 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)

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