Technical Specifications

MOBOTIX FF Group License Plate Recognition App - Region EUCA

Certified App for License Plate Recognition

The app's artificial intelligence-based algorithms, which have already been successfully tested in numerous European markets, allow the reliable recognition of single and two-line license plates of vehicles in the supported regions of origin (Latin and Hebrew characters and numbers). 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 at least 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

BeyondHumanVision

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Product Information

Product Name	FF Group License Plate Recognition App - Region EUCA
Order Code	Mx-APP-FF-LPR-EUCA
Supported MOBOTIX Cameras	Mx-M73A, Mx-S74A
Minimum Camera Firmware	V7.0.4.x
MxManagementCenter Integration	min. MxMC v2.3.1

Product Features

App Features	- License plate recognition of one- and two-line license plates - Latin and Hebrew characters - Recognition log (last 1000 recognized license plates) - MOBOTIX events via MxMessageSystem - Extended country coverage* - White- and blacklisting
Maximum number of lanes	3
Meta Data / Statistic formats	JSON, CSV
Trial License	30-day trial license pre-installed
MxMessageSystem supported	Yes
Interfaces	MxMC Smart Data, IP Notification
MOBOTIX Events	Yes
ONVIF Events	*
Smart Data Interface to MxManagementCenter	Yes

Supported Regions

Europe	Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Hungary, Iceland, Italy, Ireland, Israel, Kazakhstan, Kirgizstan, Latvia, Lithuania, Luxembourg, Macedonia, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, United Kingdom, Uzbekistan, Vatican City State
Israel / Palestine	Israel / Palestine
APAC	Australia, New Zealand

Scene Requirements

Minimum License Plate Width	130 px
Maximum Vertical Angle	30°
Maximum Horizontal Angle	30°
Maximum Tilt Angle	5°
MOBOTIX App support	Yes

Technical App Specifications

Synchronous / Asynchronous App	Asynchronous
Accuracy	Min. 95% (considering scene requirements)
Processed number of frames per second	Typ. 10 fps
Detection time	Typ. 100 – 120 ms

* available with updates in future