Technical Specifications

Vaxtor License Plate Recognition / Dangerous Goods App

Worldwide usable with over 99% accuracy

The certified Vaxtor License Plate Recognition / Dangerous Goods App recognizes, based on deep learning processes, characters from all over the world. The application can be used at maximum speeds of up to 160 km/h on several lanes with an hit probability of over 99 percent. Via easily editable lists, authorized, blocked or searched vehicles can be defined specifically. For example, a gate or barrier in an access road can open or be blocked automatically. The app can be tested free of charge for 30 days and is activated by license for an unlimited period of time.

- Recognition of license plates with global country coverage
- With over 99% accuracy optimally suited for license plate based access control
- Use of blocking and permission lists possible
- Free flow and signaled mode for LPR
- App-integrated Smart Data Data Interface for data retrieval with MxManagementCenter from version 2.4.

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Product Information

Product Name	Vaxtor License Plate Recognition / Dangerous Goods App
Order Code	Mx-APP-VX-LPR
Supported MOBOTIX Cameras	Mx-M73A, Mx-S74A
Minimum Camera Firmware	V7.0.6.18
MxManagementCenter Integration	- min. MxMC v2.3.1 - Configuration: Advanced Config license required - Recognition Log: Smart Data Interface license required

Product Features

App Features	- License plate recognition of one- and two-line license plates - Latin, Hebrew, Arabic and Asian characters - Recognition log (Smart Data / Event Search via MxManagementCenter) - MOBOTIX events via MxMessageSystem - Global country coverage - Two lists for individual actions (e.g. access granted/denied, alarm, etc.) - Free flow and signaled mode for LPR
Maximum number of lanes	2
Maximum number of enrolled license plates	1000 per list
Meta Data / Statistic formats	JSON
Trial License	30-day trial license pre-installed
MxMessageSystem supported	Yes
Interfaces	- Milestone X-Protect - Vaxtor Helix - Generic 3rd party integration via XML - Compare supported camera's interfaces

MOBOTIX Events	Yes
ONVIF Events	Yes (Generic message event)

Supported Regions

Supported license plates	https://community.mobotix.com/t/vaxtor-lpr-app-supported-license-plates-countries

Scene Requirements

Character Height	20px - 50px (depending on the plate type)
Maximum Vertical Angle	30°
Maximum Horizontal Angle	< 25°
Maximum Tilt Angle	< 25°

Technical App Specifications

MOBOTIX App support	Yes
Synchronous / Asynchronous App	Asynchronous
Accuracy	Min. 99% (considering scene requirements)
Processed number of frames per second	Typ. 10 fps
Detection time	Typ. 100 – 120 ms

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