



# Technical Specifications

## MOBOTIX VAXTOR License Plate Recognition App

### Worldwide usable with over 99% accuracy

The Certified VAXTOR License Plate Recognition App recognizes, based on deep learning processes, characters from all over the world (Latin, Thai and Arabic characters). The application can be used at maximum speeds of up to 160 km/h and on several lanes and is characterized by an extremely high hit probability of over 99 percent.

Via a blocking or permission list, 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.

- Subject to license, single payment for unlimited use
- 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
- LPR application with full 4K resolution possible
- App-integrated Smart Data Interface for data retrieval with MxManagementCenter version 2.4 or higher (e.g. to search for specific license plates, even across multiple LPR cameras)



BeyondHumanVision

MOBOTIX

Product Information

Product Name	VAXTOR License Plate Recognition App
Order Code	Mx-APP-VX-LPR
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	<ul style="list-style-type: none"><li>■ License plate recognition of one- and two-line license plates</li><li>■ Latin, Hebrew and Arabic characters</li><li>■ Recognition log (last 1000 recognized license plates)</li><li>■ MOBOTIX events via MxMessageSystem</li><li>■ Global country coverage</li><li>■ White- and blacklisting</li></ul>
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	*

Supported Regions

Supported license plates	<a href="https://community.mobotix.com/t/vaxtor-lpr-app-supported-license-plates-countries">https://community.mobotix.com/t/vaxtor-lpr-app-supported-license-plates-countries</a>
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Scene Requirements

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

Maximum Horizontal Angle	< 25°
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Maximum Tilt Angle	< 25°
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### Technical App Specifications

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