



# Technical Specifications

## Vaxtor License Plate Recognition / Dangerous Goods App

### Worldwide usable with over 99% accuracy

Based on deep learning processes the certified Vaxtor License Plate Recognition / Dangerous Goods App recognizes license plates and dangerous goods plates from all over the world. The app can be used at maximum speeds of up to 160 km/h and on several lanes and by an extremely high hit probability of over 99 percent. Via blocking or permission 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.

- Subject to license, single payment for unlimited use
- Recognition of license plates with global country coverage
- Recognition of dangerous goods plates (according to ADR standard)
- With over 99% accuracy optimally suited for license plate based access control
- App-integrated Smart Data Data Interface for data retrieval with MxManagementCenter from version 2.4.



## Technical Specifications

### Vaxtor License Plate Recognition / Dangerous Goods App

---

## Product Information

Product Name	Vaxtor License Plate Recognition / Dangerous Goods App
Order Code	Mx-APP-VX-ADR
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>▪ read conventional and dangerous good plates simultaneously (according to "European Agreement Concerning the International Carriage of Dangerous Goods by Road Vol. 1")</li><li>▪ Support of latin, hebrew and arabic license plate characters for global application</li><li>▪ Recognition log (Smart Data / Event Search via MxManagementCenter)</li><li>▪ MOBOTIX events via MxMessageSystem</li><li>▪ Two lists for individual actions (e.g. access granted/denied, alarm, etc.)</li><li>▪ Free flow and Signaled mode for LPR/ADR</li></ul>
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	<ul style="list-style-type: none"><li>▪ MxMC Smart Data</li><li>▪ IP Notification</li><li>▪ Milestone X-Protect</li></ul>

---

**MOBOTIX Vaxtor License Plate Recognition / Dangerous Goods App**

- MOBOTIX SYNC
- generic 3rd party integration via XML
- compare supported camera's interfaces

MOBOTIX Events                      Yes

ONVIF Events                        Yes (Generic Message event)

**Supported Countries / Dangerous Goods**

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

Supported dangerous goods plates      <https://community.mobotix.com/t/vaxtor-adr-app-structure-of-dangerous-goods-plates>

**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**

Synchronous / Asynchronous App      Asynchronous

Simultaneous execution of other apps    Yes (considering performance requirements)

Accuracy                                Min. 99% (considering scene requirements)

Processed number of frames per second    Typ. 10 fps

Detection time                        Typ. 100 – 120 ms

# MOBOTIX

BeyondHumanVision

[EN\\_02/25](#)

MOBOTIX AG • Kaiserstrasse • D-67722 Langmeil • Tel.: +49 6302 9816-103 • [sales@mobotix.com](mailto:sales@mobotix.com) • [www.mobotix.com](http://www.mobotix.com)

MOBOTIX is a trademark of MOBOTIX AG registered in the European Union, the U.S.A., and in other countries. Subject to change without notice. MOBOTIX do not assume any liability for technical or editorial errors or omissions contained herein. All rights reserved. © MOBOTIX AG 2021