

83
52 BG-LUKO
7912 096 -7
Zagkks

ЛУКОЙЛ БЪЛГАРИЯ ЕООД
ТЕЛ./ФАКС: 082 841 419



31700 kg
20.0 t

80800 l
-14.80 m

ГЛА НА ДОМУВАНЕ-РУСЕ-СЕВЕР

Technical Specifications

Vaxtor UIC - Railway Code Recognition App

Recognition of International Union of Railways Wagon and Coach Numbers (UIC)

The certified Vaxtor UIC - Railway Code Recognition App recognizes, based on deep learning processes UIC codes (International Union of Railways Wagon and coach numbers) which adhere to the International standard. The OCR engine takes advantage of many current integrations and publishing capabilities that have been developed over many years.

- Recognition of the UIC Codes
- Real time results for UIC Code, Country Code, Vehicle Type, Control Digit, Direction of travel
- Stop / Go and slow speed (<10 km/h) applications (depending on installation and module selection)
- MOBOTIX events via MxMessageSystem
- Consolidated event search via MxManagementCenter Smart Data Interface and / or MOBOTIX HUB
- meta data transfer through generic transmission protocols and / or pre-defined 3rd party interfaces
- Two lists for individual actions (e.g. access granted/denied, alarm, etc.)
- Free flow and signaled mode

 HEVC Advance™

BeyondHumanVision

MOBOTIX

Technical Specifications

Vaxtor UIC - Railway Code Recognition App

Product Information

Product Name	Vaxtor UIC - Railway Code Recognition App
Order Code	Mx-APP-VX-UIC
Supported MOBOTIX Cameras	Mx-M73A, Mx-S74A
Minimum Camera Firmware	v7.1.4.x
MxManagementCenter compatibility	<ul style="list-style-type: none">min. MxMC v2.4.3Configuration: Advanced Config license requiredEvent Search: Smart Data Interface license included
MOBOTIX HUB compatibility.	<ul style="list-style-type: none">min. MOBOTIX HUB version: 2020 R3min. MOBOTIX HUB license level (Analytics Events): L2min. MOBOTIX HUB license level for Event Search Plug-In : L4

Product Features

App Features	<ul style="list-style-type: none">Recognition of cargo container codes according to ISO 6346Real time results:<ul style="list-style-type: none">Container CodeOwner and corresponding originContainer TypeContainer DimensionsControl DigitControl Digit ValidationRecognition log (Smart Data / Event Search via MxManagementCenter)MOBOTIX events via MxMessageSystemTwo lists for individual actions (e.g. access granted/denied, alarm, etc.)Free flow and Signaled mode
Maximum number of recognition areas	1
Maximum number of enrolled UIC codes	5000 per list
Meta Data / Statistic formats	JSON, XML

Trial License	30-day trial license pre-installed
MxMessageSystem supported	Yes
Integration Interfaces	<ul style="list-style-type: none">■ MxMC Smart Data■ IP Notification■ Milestone X-Protect (Analytics Events, Transmission Plug-In)■ Vaxtor Helix■ Genetec Security Center (Custom Events, Bookmarks)■ generic 3rd party integration through FTP and / or XML / JSON via HTTP(S)■ compare supported camera's interfaces
MOBOTIX Events	Yes
ONVIF Events	Yes (Generic Message event)

Supported Railway Codes

Supported Railway Codes	Wagon numbers / codes according to the specification of the International Union of Railways
-------------------------	---

Scene Requirements

Character Height	20px - 50px
Maximum Vertical Angle	30°
Maximum Horizontal Angle	< 25°
Maximum Tilt Angle	< 25°

Technical App Specifications

Synchronous / Asynchronous App	asynchronous
Simultaneous execution of other apps	No
Accuracy	min. 99% (considering scene requirements)

Technical Specifications

Vaxtor UIC - Railway Code Recognition App

Processed frame rate typ. 2 fps

Detection time typ. 900 ms per wagon

MOBOTIX

BeyondHumanVision

[EN_11/22](#)

MOBOTIX AG • Kaiserstrasse • D-67722 Langmeil • Tel.: +49 6302 9816-103 • sales@mobotix.com • 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