



Technical Specifications

MOBOTIX Vaxtor Container Code Recognition App

Recognition of cargo container codes according to ISO 6346

Based on deep learning processes the certified Vaxtor Container Code Recognition App recognizes container codes and delivers realtime results about the container owner, type dimensions and much more. The app is able to detect container codes within 900 ms and an extremely high hit probability of over 99 percent. Via blocking or permission lists, authorized, or containers with unauthorized content can be defined specifically. Possible areas of use for the application are harbor & airport logistics, container inventory & surveillance, border control, access control or logistic management.

- Recognition of cargo container codes according to ISO 6346 standard
- with over 99% accuracy optimally suited for detection and logging of container codes on entry, between zones, during processes or exit
- Two lists for individual actions (e.g. access granted/denied, alarm, etc.)
- Integrated Smart Data Interface for data retrieval with MxManagementCenter from version 2.4.3.



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MOBOTIX Vaxtor Container Code Recognition App

Product Information

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|--------------------------------|--|
| Product Name | Vaxtor Container Code Recognition App |
| Order Code | Mx-APP-VX-CON |
| Supported MOBOTIX Cameras | Mx-M73A, Mx-S74A |
| Minimum Camera Firmware | v7.1.3.x |
| MxManagementCenter Integration | <ul style="list-style-type: none">min. MxMC v2.4.3Configuration: Advanced Config license requiredEvent Search: Smart Data Interface license included |

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 license plates | 1000 per list |
| Meta Data / Statistic formats | JSON |
| 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■ Vaxtor Helix■ generic 3rd party integration via XML■ compare supported camera's interfaces |
| MOBOTIX Events | Yes |
| ONVIF Events | Yes (Generic Message event) |

Supported Container Codes

Supported Container Codes Container code specification according to ISO 6346

Scene Requirements

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

Technical App Specifications

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|--------------------------------------|---|
| Synchronous / Asynchronous App | asynchronous |
| Simultaneous execution of other apps | No |
| Accuracy | min. 99% (considering scene requirements) |
| Processed frame rate | typ. 10 fps |
| Detection time | typ. 900 ms per Container |

MOBOTIX

BeyondHumanVision

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

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