Technical Specifications

Vaxtor Genesis OCR App

Flexible generic optical character recognition

The high-performance generic certified Vaxtor Genesis OCR App was developed to read any combination of uppercase latin characters and/or numbers arranged in up to three lines.

Operating under any lighting conditions, it is unaffected by image quality, print degradation and font shape variations it can process still images and recorded or live video streams.

- generic optical character recognition to read any combination of uppercase latin characters and/or numbers
- reads characters arranged in up to three lines
- user-defined specification of the required code format
- recognition log
- MOBOTIX events via MxMessageSystem
- numerous integration options for further processing of the generated meta data (generic as well as native reporting interfaces)

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- Two lists for individual actions (e.g. access granted/denied, alarm, etc.)
- Free flow and signaled mode

Product Information

Product Name	Vaxtor Genesis OCR App
Order Code	Mx-APP-VX-GEN
Supported MOBOTIX Cameras	M73, S74, D71
Minimum Camera Firmware	v7.3.1.x
MxManagementCenter Compatibility	- min. MxMC v2.7 - Configuration: Advanced Config license required - Event Search: Smart Data Interface license included
MOBOTIX HUB Compatibility	- min. HUB version: 2021 R1 - min. HUB license level (Analytics Events): L2 - min. HUB license level (MOBOTIX Event Search Plug-In): L4 - MOBOTIXEvent Search Plug-In for MMOBOTIX HUB
MOBOTIX Helix Compatibility	min. MOBOTIX Helix v1.0

Product Features

App Features	- generic optical character recognition to read any combination of upper-case latin characters and/or numbers - reads characters arranged in up to three lines - user-defined specification of the required code format - recognition log - MOBOTIX events via MxMessageSystem - numerous integration options for further processing of the generated meta data (generic as well as native reporting interfaces) - Two lists for individual actions (e.g. access granted/denied, alarm, etc.) - Free flow and Signaled mode
Maximum number of recognition areas	3
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	- MOBOTIX SYNC - Milestone X-Protect (Analytics Events, Transaction Plug-In) - Genetec Security Center (Custom Events, Bookmarks) - NetworkOptix NxWitness - Generic 3rd party integration through FTP(S), CSV, XML, JSON via HTTP(S) - Compare supported camera's interfaces
MOBOTIX Events	Yes
ONVIF Events	Yes (Generic Message event)

Supported Code Formats

Supported Code Formats	- all kind of alphanumeric codes - min. / max. number of characters: 2/24

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	Yes (depending on performance expectations)
Accuracy	min. 99% (considering scene requirements)
Processed frame rate	typ. 5 fps
Detection time	typ. 500 ms per code

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