Technical Specifications

MOBOTIX Barcode Reader App

MOBOTIX Barcode Reader App

For high-performance capture of almost all commercially available barcode types in video streams. Codes can be read reliably even under difficult conditions. Perspective distortions are compensated, low contrast and faded imprints are compensated. Thus, the app is suitable for industrial use.

- Reader supports more than 40 common 1D, 2D and Stacked barcode types (e.g. QR Code, Data Matrix Code, Dot Code, etc.)
- Optimized for difficult barcode reads (e.g. damaged, faded or distorted barcodes, barcodes on difficult surfaces, DPM codes)
- Quick reading of one or multiple barcodes in motion
- Definition of up to 20 detection areas within the camera's field of view
- MOBOTIX events via MxMessageSystem
- Supports the reporting of barcode reads via generic XML, JSON and MODBUS/TCP

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Product Information

Product Name	MOBOTIX Barcode Reader App
Supported MOBOTIX Cameras	D71, M73, S74, v71, p71
Minimum Camera Firmware	V7.3.1.x
MxManagementCenter Integration	■ min. MxMC v2.7 ■ Advanced Config license required ■ Event Search: Smart Data Interface license included
MOBOTIX HUB compatibility	■ min. MOBOTIX HUB version: 2021 R1 ■ min. MOBOTIX HUB license level for Analytics Events: L2 ■ min. MOBOTIX HUB license level for MOBOTIX Event Search Plug-In : L4

Product Features

App Features	■ Reader supports more than 40 common 1D, 2D and Stacked barcode types (e.g. QR Code, Data Matrix Code, Dot Code, etc.) ■ Optimized for difficult barcode reads (e.g. damaged, faded or distorted barcodes, barcodes on difficult surfaces, DPM codes) ■ Quick reading of one or multiple barcodes in motion ■ Definition of up to 20 detection areas within the camera's field of view ■ MOBOTIX events via MxMessageSystem ■ supports the reporting of barcode reads via generic XML, JSON and MODBUS/TCP
Supported Barcode Types	https://community.mobotix.com/t/mobotix-barcode-reader-supported-barcode-types/5675
Maximum number of recognition areas	20
Supported image sensor types	Day, Night, Day/Night
Dual / Multi Sensor usage	Yes
MxMessageSystem supported	Yes
MOBOTIX events	Yes
ONVIF Events	Yes (Generic Message events)

Scene Requirements

Recommended code height	20 - 50px (depending on barcode type)
Maximum Vertical Angle	30°
Maximum Horizontal Angle	< 25°
Maximum Tilt Angle	< 25°

Technical App Specifications

Synchronous / Asynchronous App	Synchronous
Simultaneous execution of other apps	Yes (depending on performance expectations)
Accuracy	> 99% (considering scene requirements)
Processed number of frames per second	typ. 15 fps
Detection time	typ. 200 ms

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