barkoder

Mobile Barcode Scanner Development Kit (SDK)

Whether you're developing a mobile, web-based or a desktop application, the barKoder SDK provides a comprehensive solution that ensures reliable and efficient barcode scanning across various devices and platforms. With continuous updates and dedicated technical support, utilizing our mobile barcode scanner SDK opens up a world of possibilities for your application, empowering you to deliver a superior barcode scanning experience to your users and unlocking new opportunities for your business.

By integrating our Barcode Scanner SDK into your application, you gain access to a powerful set of tools and functionalities that will revolutionize the way you handle barcode scanning. Our SDK offers seamless integration with your existing software, allowing you to effortlessly incorporate barcode scanning capabilities into your own application or system. With our SDK, you can harness the full potential of barcode scanning technology, enabling you to automate processes, improve data accuracy, and enhance user experiences.

Broad range of symbologies and platform support

The barcode scanner SDK by barKoder supports iOS devices including Apple®'s iPhone® and iPad®, as well as most Android™ smartphones and tablets for mobile barcode reading. It can read over 25 different 1-D and 2-D barcode symbologies used across a wide range of industries.
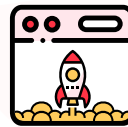
1D Barcodes
Codabar, Code 11, Code 25 (Standard/Industrial 2 of 5), Code 39 (including Code 39 extended), Code 93, Code 128, COOP 2 of 5, Datalogic 2 of 5, EAN-8, EAN-13, IATA 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI Plessey, Pharmacode, Telepen, UPC-A, UPC-E, UPC-E1

2D Barcodes
Aztec Code, Aztec Compact, Data Matrix, DotCode, PDF417, Micro PDF417, QR Code, Micro QR Code

Simple Usage
Our decoder is simple and easy to use! Just point to your barcode and liftoff!

Time and Cost Reduction
Increase efficiency, cost-saving, and improve customer satisfaction with barKoder. There is no need to spend money on expensive external readers.

High Performance
Scan poorly printed, damaged or partially obscured barcodes in any environment with very high accuracy, superior quality and unprecedent

BYOD
Simplify your business processes by encouraging the Bring Your Own Device concept & eliminate the need to maintain unnecessary hardware that becomes obsolete in several years.

Platforms
Mobile: Android, iOS, Flutter, React Native, Xamarin, Capacitor
Web: WASM
Desktop/Server: Linux

barKoder
Barcode Capture SDK
Unique Features

With the integration of barKoder, it is no longer necessary to develop separate applications and manage multiple software and hardware solutions for mobile device barcode reading. Our SDK offers to developers a robust set of tools in a single solution, allowing maximum control over the user experience. It provides a high-level, simple to use interface for device management, whether using a smartphone or tablet.

DPM Processing

Unique Direct Part Marking (DPM) reading algorithm which allows for even the hardest possible engraved Data Matrix samples to be decoded. Judging by our own internal tests, it is already better than any competitor alternative in the market by a large margin, even with its first version!

LineSight®-PDF417 Scanner

We reinvented the PDF417 scanning process with a completely new and unique approach that lead to barKoder allowing for a complete absence of start and stop patterns of PDF417 codes

Batch MultiScan®

Special AR algorithm allowing real-time scanning with results caching and location reconstructions of multiple barcodes within a single camera view in a continuous manner, providing smooth visual experience and stable output.

MatrixSight®

Meticulously designed to redefine the very standards of mobile barcode recognition, this exceptional algorithm transcends the constraints of conventional decoding, establishing a new benchmark for reliability, accuracy, and versatility.

Severe Blur Scan

Specialized mode for scanning heavily blurred EAN & UPC barcodes, both in real-time and via images.

Segment Decoding®

Advanced recognition algorithm that enables scanning of curved or otherwise misshapen or distorted 1D barcodes.