

Barcode Scanning SDKs for the Future of Retail

OPTIMIZED FOR RETAIL

Retail stores are extremely demanding environments. Barcodes need to be read instantly and accurately, every time, regardless of the glare of in-store lighting or awkward packaging. Customers want fast self-serve options on their smartphones to make informed in-store purchases. Store reps need to be savvy sales associates ready to help and advise customers with rapid access to product information, inventory and promotions.

DYNAMSOFT BARCODE READER SDK

Our SDK has been fully optimized for today's typical retail store. It's designed for speed and accuracy under the glare of store lights or in the shadows. Whether it's wrinkled, damaged, curved, tiny or angled, we can scan it. Fast. Typical scan times are under 0.2 seconds and scan rates are virtually 100%. Our SDK is designed for use with any smartphone and any browser and is optimized to deal with low resolution phone cameras.

SOLUTIONS

Enable Fast In-Store Self-Service

Enable shoppers to self-scan products to check pricing, find details and purchase - all without waiting in line.

Equip Store Associates to Sell

Give store reps the knowledge to advise customers with product and promo lookups from a smartphone or tablet.

Check Inventory on the Spot

Enable real-time inventory checks to help shoppers find the product they need and ways to buy it - without leaving the shop floor.

At a Glance

Optimized for:

- Wrinkled packaging
- Glare or shadows
- Curved, tiny or angled barcodes
- Low-res cameras

Scan with:

- Any smartphone
- Any phone browser
- Any built-in phone camera



Dynamsoft outperformed our previous barcode scanner in every way. With our previous solution, poor image quality meant that we missed a lot of barcodes. Using Dynamsoft, we went from 90% scan rate to 100%.

Jorian Kulse

Ticket Swap

Dynamsoft in Retail

DYNAMSOFT BARCODE READER

Dynamsoft Barcode Reader is a software development kit that enables developers to efficiently embed 1D and 2D barcode reading into web, desktop, or mobile applications. It takes just a few lines of code and has a vast range of customization options to fit your use case.

WHY CUSTOMERS SWITCH

Many of our retail customers switched to Dynamsoft because their existing solutions were simply too slow, inconsistent or could not deal with the exacting demands of retail. Others started out with OpenSource tools or in-house solutions but found it consumed too much developer time and was impossible to stay on top of browser and phone camera updates.

PLATFORMS SUPPORTED

Web

JavaScript

Desktop/Server

C, C++, .NET,
Python, Java

Mobile

Android, iOS, React
Native, Flutter, Xamarin,
Cordova

SYBLOGIES SUPPORTED

1D Barcodes

UPC-A, UPC-E
EAN-8, EAN-13
Industrial 2 of 5
Code 93

2D Barcodes

QR Codes
DataMatrix
GS1 Composite Code

Why Dynamsoft?

Fast Integration - just a few lines of code to implement

Flexible Licensing - to fit all retail business scenarios

No-Obligation Pre-Sales Support to discuss your POC

20 Years in computer vision

Enterprise Grade Security - ISO 27001 certified to keep your data secure



"We're thrilled to launch this mobile tool in all our stores across Canada to give our customers a user-friendly way of making the browsing and purchase process contactless."

Jason Tassé
Lee Valley Tools.

