



Dynamsoft Corporation

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Data Sheet: Dynamsoft Barcode Reader

Rapidly Enable Powerful Barcode Scanning in
your Application

Dynamsoft's Barcode Reader SDK enables you to efficiently embed barcode reading functionality in your web, desktop or mobile application using just a few lines of code. This can save you months of added development time and extra costs. With our barcode reader SDK, you can create high-speed and reliable barcode scanner software to meet your business needs.

Supported Barcode Symbologies

- **Linear Barcodes (1D):**
Code 39, Code 93, Code 128, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, UPC-A, UPC-E, Industrial 2 of 5
- **2D Barcodes:**
QR code, Data Matrix, PDF417, Aztec Code

Supported Environments

- APIs: C, C++, .NET, JavaScript
- Languages: C#, VB.NET, Java, C++, VBScript, JavaScript, Python, Perl, Ruby, Swift, Objective-C, etc.
- Frameworks: Cordova, Xamarin
- **Runtime Environments:**
 - Windows Workstation: 7, 8, 10
 - Windows Server: 2003, 2008, 2008 R2, 2012
 - Ubuntu 14.04.4+ LTS, Debian 8+, etc.; x64
 - Android 4.1 or higher
 - iOS 9 or higher

Read Barcodes from Various Sources

- Images including bmp, jpg, png, gif, and single-page or multi-page tiff image files
- Black/white, grayscale or color images
- Single-page or multi-page PDF files
- Device-independent bitmap (DIB) formats which can be obtained from cameras or scanners
- An image encoded as a base64 string
- An image file stream in raw buffer

Barcode Reading Results

- Barcode format
- Barcode text
- Barcode bytes
- Barcode angle
- Module size
- The name of the document including the barcode
- Page number
- Region name
- The coordinates of the barcode vertices

Powerful Image Pre-processing and Barcode Decoding

- Multi-thread barcode processing
- Reads multiple barcodes in one scan
- Reads barcodes within a specified image area
- Can read poor quality barcodes, such as out-of-focus blurred images, damaged barcodes, overexposed images.
- Detects barcodes at any orientation and rotation angle

Customizable Barcode Scanning to Suit your Use Case

For different use cases, you can [customize](#) the barcode reading configurations for the best performance. For example, you can specify the barcode region, barcode count, barcode format, deblur level, anti-image level and [more](#).

Paid service to customize the barcode reading settings is also available. Please contact support@dynamsoft.com if you are interested.

About Dynamsoft

Founded in 2003, Dynamsoft Corp. provides enterprise-class version control software, TWAIN™ software development kits (SDK), barcode reader SDKs, and other document imaging SDKs. The imaging SDKs help today's businesses seeking to migrate from wasteful paper-based workflows to efficient digitized document and records management. Dynamsoft is an associate member of the TWAIN Working Group that develops TWAIN standards. Thousands of customers use Dynamsoft's solutions.



And more...

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