

ALLMY PAPERS™



AmpLIB Bar Code Reader SDK

AMLIB SDK with a comprehensive API that Reads Bar Codes

- Detects bar code(s) within the image files at any angle or location
- Finds all the bar codes on the page
- Reads in any direction
- Repairs automatically image files for best bar code data extraction accuracy
- Reads and extracts bar code data
- Exports bar code data in ASCII format to databases

AmpLIB Bar Code Reader

The SDK is a High Level Programming System for Windows™ application development. AmpLIB Bar Code Reader consists of Dynamic Linked Libraries (DLLs) associated import libraries, header files, and example source code

AmpLIB Bar Code Reader is compatible with multiple file formats such as

- Bilevel,
- Grayscale
- Color

AmpLIB Bar Code Reader Benefits

- High read rate accuracy
- Accurate Bar Code reading on low quality, damaged and even 100 dpi images
- Automatic
- Fast

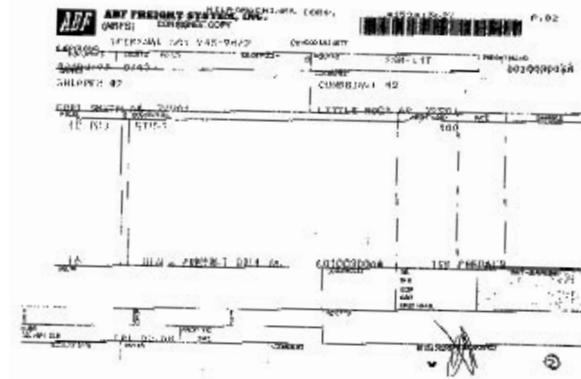
AmpLIB Bar Code Reader SDK is designed for

- Software Application Developers
- System Integrators
- VARs
- Corporate Development Departments

AmpLIB Bar Code Reader SDK

Bar Code Reader Software Development Kit

High Read Rate, Easy to Use, Fast and Automatic Bar Code Reading SDK



Supports One Dimensional Bar Codes

- Bar Code 3 of 9
- Bar Code 2 of 5
- Bar Code Codabar
- Bar Code I25
- Bar Code 93
- Bar Code 128
- Bar Code UPC-A
- Bar Code UPC-E
- Bar Code UCC128
- Bar Code EAN 8
- Bar Code EAN 13
- Bar Code Postnet (Postal)
- Bar Code Patch Code
- Bar Code Airline 2 of 5
- Bar Code Planet
- Bar Code BCC 32
- Bar Code 3 of 9 NSS

Supports two Dimensional Bar Codes

- Bar Code PDF 417
- Data Matrix

Input File Compatibility

- Bilevel, grayscale and color check images
- BMP, JPEG (JFIF), JBIG, G4 no header
- PCX, DCX, RLC
- TIFF (Uncompressed, LZW, Packbits, G3 Fax, G3-2D, G4, JPEG, Type 2, Multi-image)

Output File Compatibility

- BMP, JPEG (JFIF), PDF (bilevel multi-image)
- TIFF (Uncompressed, G3 Fax, G3-2D, G4)

File Conversion

- Single TIFF files to multi-image TIFF Files
- Multi-image TIFF files to single-image TIFF files

Image Output Control

- Create single/multi image TIFF or PDF
- Naming conventions control

The SDK is compatible with many Windows software development environments

- C, C++, Visual Basic, Delphi Pascal

ASCII File Format Control

- Multiple record formats
- Field order selection
- Field content selection
- Delimiter selection

Image Processing

- Automatic image skew correction
- Automatic image edge removal
- Automatic image registration

Other

- Checksum Control
- Filters to handle dropped fax lines

Solutions For All Your Papers





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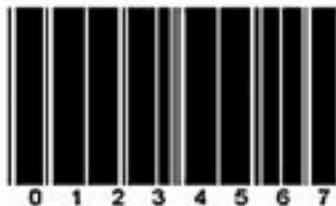
High Read Rate, Easy to Use, Fast and Automatic Bar Code Reading SDK



UPC-A



PDF-417



Code 39 (3 of 9)

Product Description

AmpLIB Bar Code Reader delivers accurate and fast bar code data from images. AmpLIB is a complete SDK consisting of everything you need to reliably extract bar code data. The SDK will automatically search an image for the bar code from any direction and find multiple bar codes at any angle. With AmpLIB, you save significant time and gain maximum flexibility to customize solutions because we've already done the complex, low-level programming. AmpLIB Bar Code delivers automate bar code data extraction with high read rates.

Bar Code Reading Challenges

The toolkit was designed to deal with problems generated by low quality scanned images. AmpLIB Bar code reader detects and finds the bar code and extracts the data.

- Detects bar code location
- Reads in any direction - top to bottom, left to right or vice versa.
- Checksum verification
- Process 100 dpi images easily
- Reads low quality and damaged images
- Finds small bar codes
- Multiple bar codes on a page
- Bar codes at any angle

AmpLIB Bar Code Reader SDK addresses all of these issues and delivers reliable data read rates.

Problem Description

Bar codes are used in document imaging to store data, batch process, route documents and index data bases. With automatic bar code detection and reading, processes can be automated and manual data entry minimized.

Accuracy

A number of exclusive automatic processes and routines are incorporated into AmpLIB Bar Code Reader to ensure the accuracy of extracting the correct bar code data. Image processing functions are:

- Automatic image skew correction
- Automatic image edge removal
- Automatic image registration

Production Proven

All My Papers has developed and perfected image bar code reading technology for over sixteen years. Millions of bar codes are read on a daily basis using our applications and technology.

Licensing Model

The application has a one time fee and comes with runtime licensing. There are no per click charges.

Minimum System Requirements

- Operating system: Windows XP Pro, 2000 Pro, or NT
- CPU: Pentium 4, 2 GHZ, 512MB RAM



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03/01/2005