
Aquaforest OCR SDK for .NET

Release Notes



Version 2.10
April 2016

1 Licensing

There are a couple of changes in the way this release is licensed; this is to offer buyers a higher flexibility. The table below shows a breakdown of the licensing.

Function	Basic Edition	Standard Edition	Advanced Edition	Extended Edition
OCR from Bitmap or TIFF	✓	✓	✓	✓
Image Pre-Processing and Auto-Rotation	✓	✓	✓	✓
Support for 23 Languages	✓	✓	✓	✓
.NET Programmatic / Zonal Access to results	✓	✓	✓	✓
Txt / RTF Output	✓	✓	✓	✓
1 Thread	✓	✓	✓	✓
Blank Page Removal	✓	✓	✓	✓
PDF Merging	✓	✓	✓	✓
Barcode Decoding	✓	✓	✓	✓
PDF Input		✓	✓	✓
Searchable PDF Output		✓	✓	✓
2 Threads		✓	✓	✓
Stamps on PDF Output		✓	✓	✓
Unlimited Threads			✓	✓
Advanced MRC Compressed PDF Output			✓	✓
Advanced Pre-Processing			✓	✓
Support for 127 languages				✓
Asian language support				✓
Support for multiple languages within a single document from the same character set				✓
Multiple document output formats: CSV, DOCX, EPUB, EXCELML, HTML, OPEN DOCUMENT TEXT, PDF, RTF, TXT, WORDML, XLSX and XPS				✓
Multiple PDF version output support				✓
Intelligent High Quality Compression				✓

2 Barcode Decoding

SDK 2.10 now supports decoding barcodes from images and PDF documents. The following barcode formats are currently supported:

- Aztec 2D barcode format.
- CODABAR 1D format.
- Code 39 1D format.
- Code 93 1D format.
- Code 128 1D format.
- Data Matrix 2D barcode format.
- EAN-8 1D format.
- EAN-13 1D format.
- ITF (Interleaved Two of Five) 1D format.
- MaxiCode 2D barcode format.
- PDF417 format.
- QR Code 2D barcode format.
- RSS 14
- RSS EXPANDED
- UPC-A 1D format.
- UPC-E 1D format.
- UPC/EAN extension format.
- MSI
- Plessey

3 New iDRS engine (Extended OCR Module)

Aquaforest OCR SDK 2.10 now has the latest version of the iDRS engine (iDRS 15) in the Extended OCR module. It provides the following new features:

- Improved character recognition engine
- Additional output formats:
 - PDF/A-1a
 - EPUB (short for electronic publication) is an e-book standard by the International Digital Publishing Forum (IDPF). Files have the extension .epub.
- New Asian OCR engine. It now has two Asian OCR engines to process documents with Asian languages (Japanese, Korean, Simplified Chinese and Traditional Chinese). The engine to use can be set using the `AsianOcrEngine` property in the `Ocr` class.

4 System.IO.Stream Input & Output

SDK 2.10 now provides the option of reading input source from `System.IO.Stream` and saving output results to `System.IO.Stream`.

5 Retain Bookmarks

Added support for retaining bookmarks in the output PDF document when OCRing a PDF source and using `ConvertToTiff`.

6 Retain Metadata

Added support for retaining metadata in the output PDF document when OCRing a PDF source and using `ConvertToTiff`.

7 Merging PDFs

Merging certain PDF files was causing the resulting merged PDF to be very large. This has now been fixed.

8 Hanging

The Aquaforest OCR SDK was hanging on certain machines when subjected to extreme load such as running in multi-core. This has now been fixed.

9 SMask support

Added support for PDF files with SMask images.

10 LogFilePath

A new `LogFilePath` property has been added to enable users to get the location of the debug log file path when `EnableDebugOutput` is set to `DebugLevels.LOG_FILE_PATH`