



Quality Control Solution | Image Qualifier X97-OCR with Image Design Verification



Now you have a tool that can test for Image Readiness before you send your new check design to press.

Product Overview

The Image Design Verification (IDV) software is an add-on software module for the Image Qualifier (IQX97-OCR) which offers the ability for document image capture from various computer file sources (i.e. jpg, tif, pdf, bmp, psd, pdd etc). It then prepares that captured document image for Image ready testing and analysis.

The application allows the operator to test colored images overlaid on a scanned paper sample from the IQX97. The IDV software will convert that information into a Gray Scale image that can be tested against ANSI X9.7 and CPA 006 image ready standards.

Additional tools are available to help the designer fix areas that failed Image ready testing. These tools can help a printer calculate the screen density needed for a desired reflectance value.

Benefits

Having the ability to test and analyze your check designs for Image Readiness before they go to print can provide many benefits.

- ▶▶ Once the design is created you save the cost of going back and forth to press possibly multiple times.
- ▶▶ Greatly improve productivity when creating new or modified check designs.
- ▶▶ Wouldn't this improve your competitive advantage if you can provide custom designs to meet your customers' specific requirements?
- ▶▶ Provide a added value to your customers.

Key Features

- ▶▶ Ability to load images from a file and convert to a Grey scale / reflectance image.
- ▶▶ Ability to test for Image Readiness: The designer can convert the Gray Scale image to a:
 - DC Image (Binary Image)
 - Automatic PCS
 - Reflectance map
- ▶▶ Aperture Window allows the operator to focus down to a pixel level and automatically see what reflectance value is needed to have this pixel drop out or stay on the Binary Image. This helps the designer make quick changes on the original design so that the document can pass Image Readiness before it has gone to press.
- ▶▶ The Screen density Calculator provides the ability to calculate the screen density needed to print a chosen color at a desired reflectance value.
- ▶▶ Incorporate Paper Reflectance into the equation of Image readiness.

FEATURES AND SPECIFICATIONS

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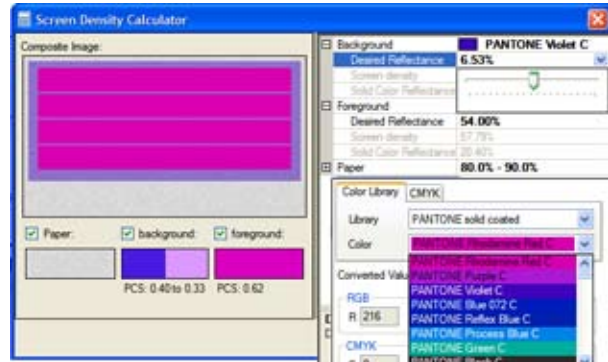
ORIGINAL CHECK DESIGN

The IQX97-OCR-IDV will convert the file to a reflectance / Grayscale Image.



Screen Density Calculator

Choose a color and the desired relectance value and you will know what screen density to use.



REFLECTANCE - GRAYSCALE/BINARY IMAGE

Shows what the financial institution's check image will look like. It measures all reflectance values by automatically taking samples from a reflectance - grayscale image (256 shades of gray) of the document.



DYNAMIC PCS MAP

View a Print Contrast Signal (PCS) map of the image where each pixel is automatically calculated comparing its relectance value to a 1/8" area that surrounds that pixel.



DC IMAGE / BINARY IMAGE

Shows what the financial institution's check image will look like.



REFLECTANCE MAP

View a map of the image at any reflectance value from 0 - 100. This image is showing all pixels 40% or less in blue



Product Specifications

Image Qualifier X97-OCR software
Execution control key

Minimum Computer Requirements

Pentium IV, 512 MB RAM / 200 MB HD space
1024x768 video set to true color
Windows 2000/XP/Vista

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