visioneer®

Visioneer® 7800 Capture Tool Software User Guide

User Guide
Visioneer® 7800 Capture Tool

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Document Version: (March 2022)

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TABLE OF CONTENTS

Installation 5
System Requirements 5
Installing the Visioneer 7800's driver and Capture Tool 5
What was installed? 7

Capture Tool Overview 9
Using the Capture Tool 9
Main Menu 9
Output File Formats 10
Destination and View Options 11
Scanning 11

Settings 13
Capture Tool Setup 13
Color Selection 13
Color Settings (Auto Color Detection) 14
Non-Color Selection 14
Sensitivity 14
Brightness and Contrast 14
Resolution 14
Invert 14
Mode 14
Color Settings (Black & White) 14
Binarization 14
Sensitivity-Threshold 14
Scan Source 15
Profiles 15
Color Matching 15
Cropping 15
Scan Area 16
Cache 17
Energy Saving Control 17
Show Scanning Progress 17
Show Warning Message 17
Tabs 17
Information 17
Additional Tab Settings 18
Compression 18
Color Dropout 18
Preview 18
Rotation 19
Separation 19
Enhancement 20

Imprinter 21
Scanning 21

Appendix A: Copy Regulations 23
United States 23
Canada 24
Other Countries 25

INSTALLATION

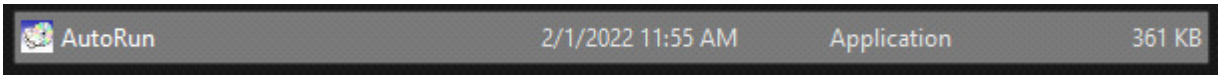
SYSTEM REQUIREMENTS

- Microsoft® Windows® operating system:
  - 64-bit Windows 7
  - 64-bit Windows 8
  - 64-bit Windows 10

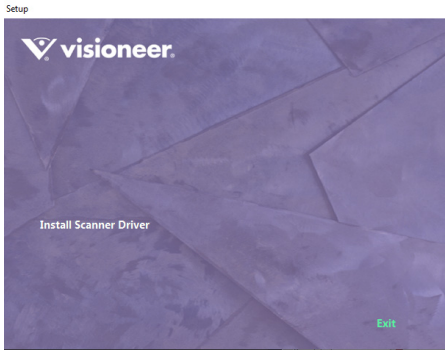
INSTALLING THE VISIONEER 7800'S DRIVER AND CAPTURE TOOL

The Visioneer 7800's software can be installed via the included disc. Otherwise, you can download the software by clicking on this link.

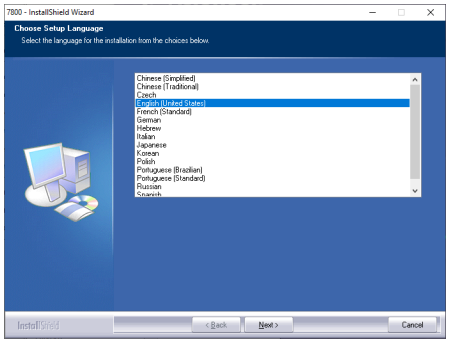
The CD should begin the autorun process. If you downloaded the software from the above link, extract the contents of the folder to a new folder, then run the **AutoRun.exe** file.



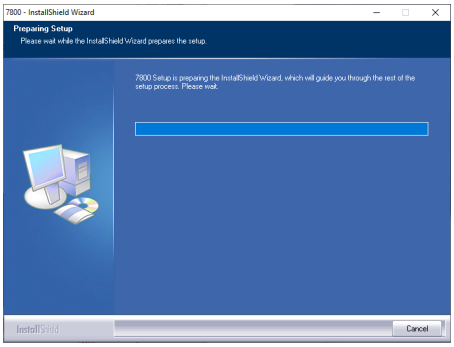
1. Once the installation starts, simply click **Install Scanner Driver**.

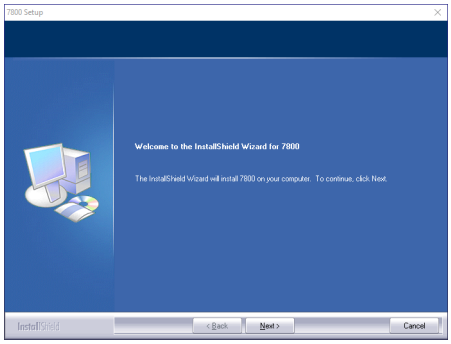


2. Select the setup language. The click **Next**.

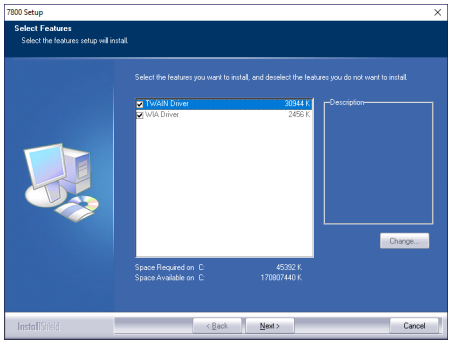


3. The setup wizard begins.

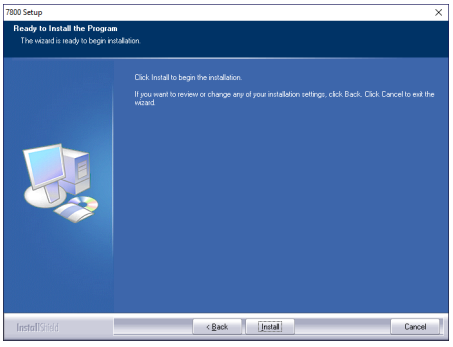




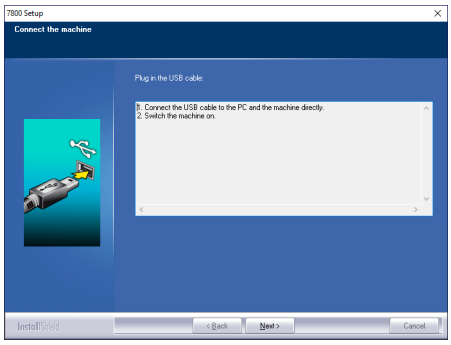
4. Click **Next**.
5. Select the features to install. Click **Next**.



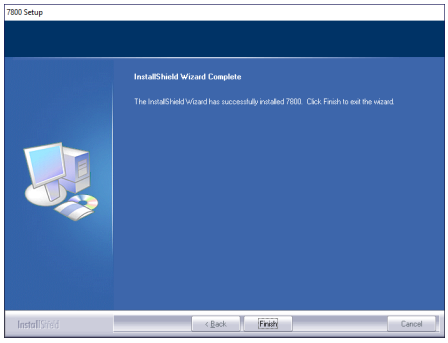
6. Click **Install**.



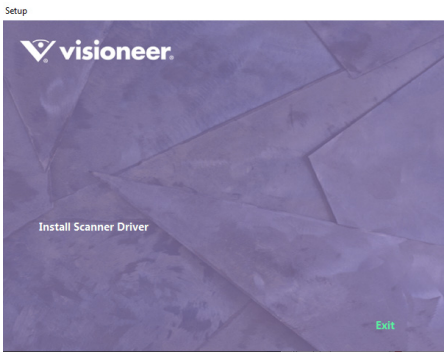
7. Connect the USB cable to the PC and the machine directly. Switch the machine on.Then, click **Next**.



8. The installation is complete.



9. Click **Finish**.
10. Once you are done, you can click **Exit** to close the installer.



What was installed?

Visioneer 7800 TWAIN Driver

- This is the piece of software that allows the Visioneer 7800 to be used by any TWAIN-compliant scanning application.
- This includes software such as Paperport, Adobe Acrobat, and ABBYY FineReader PDF 15.

Capture Tool

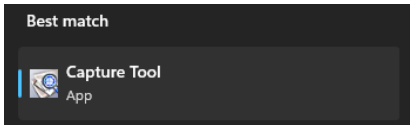
- This is the default application that comes with the scanner to allow you to initiate scans.
- It will work with any USB-based Visioneer scanner.

CAPTURE TOOL OVERVIEW

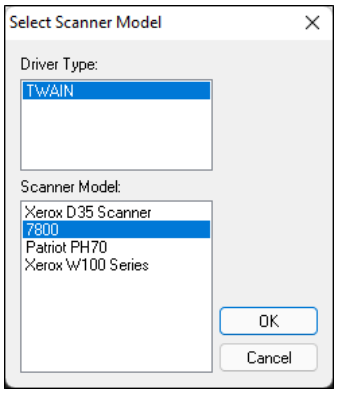
USING THE CAPTURE TOOL

By default, there is no Capture Tool shortcut. In order to open the application.

1. Open the Windows Start Menu and search for "Capture Tool". Click on it to open it.



2. Upon startup, the application will prompt you for the driver type (generally TWAIN) and scanner to use. In this case, select the 7800 and click **OK**.



Main Menu

Setup
Opens the Scanner Properties menu, allowing you to control what settings are used when scanning.

Scan
Begins a scan using the currently selected settings.

Save

If selected, will save the document automatically once the scan is complete. If not selected, will not save the scanned image

File Format

Allows you to select the output file type. This dropdown is only available when **Save** is selected.

Output File Formats

BMP

A simple image format, with little to no compression. This format is good for if you want to edit the image in a different application afterwards.File Format

JPEG

A common image format with a normal amount of compression. Good for file transfers.

GIF

A common image format used for images on websites and servers, with a high level of compression. Can result in lower image quality.

PDF/MPDF

A standard image format used to create images of text pages, with a good compression/quality ratio when scanning multiple page files in color.

- **MPDF** – MPDF stands for Multi-page PDF. This allows multiple pages to be scanned into a single document. For the 7800 to work with this, you will need to set up **Timeout** options in the settings.

TIFF/MTIFF

A common image format that has little compression, similar to BMP, but produces the smallest file size of all image types when using Black and White.

- **MTIFF** – also allows for multiple-page Tiff files. Like MPDF, for the 7800 to work with this, you will need to set up Timeout options in the settings.

Destination and View Options

Scanning Destination

This is the folder the output file will be automatically created in once the scan is complete.

- You can type in the path, or click the folder icon on the right to open a browse window.

Zoom Selection

These buttons control the level of zoom the scanned images will appear as.

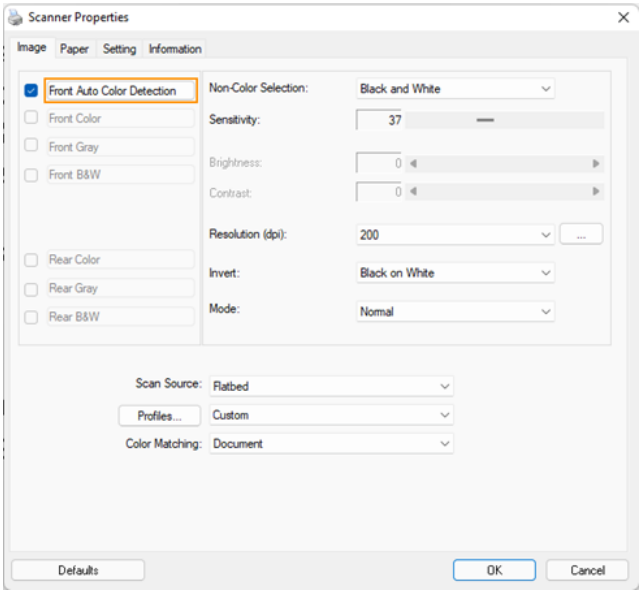
- The left button will ensure the scanned image fits entirely on the screen.
- The right button will keep the page at its original size.

Scanning

- Click the **Scan** button on the main menu to initiate a scan.
- Scanned images will automatically appear onscreen. By the time they appear onscreen, they have already been sent to their destination as an output file.
- If you scanned multiple files, you can scroll through the files using the navigation bar on the left.

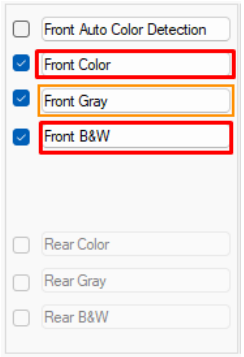
SETTINGS

CAPTURE TOOL SETUP



Color Selection

You can check boxes next to the **Front** options to choose which of Color, Grayscale, or Black and White to use.



- You can select multiple options; it will create a separate output file for each one.
- **Auto Color Detection** will scan whatever between Grayscale and Black & White is selected on the right in Non-Color Selection, but if it detects color on the page, it will scan that page in Color instead.
- You can click on the actual title of each option to change each one's individual settings.
- **Back** options will be available on Duplex scanners; as the 7800 is a flatbed scanner, it lacks these options.

Color Settings (Auto Color Detection)

Non-Color Selection

What the scanner will scan normally with Auto Color Detection if color is not detected.

Sensitivity

Sensitivity of the Auto-Color Detection. Adjust as needed for your needs; the higher the value, the greater the sensitivity.

Brightness and Contrast

The brightness and contrast of the image. Generally, you will not need to adjust these values from the default.

Resolution

The resolution of the image. You can select a value from 72 ~ 1200 using the button on the right, or a preset value. 300 DPI is generally the most commonly used.

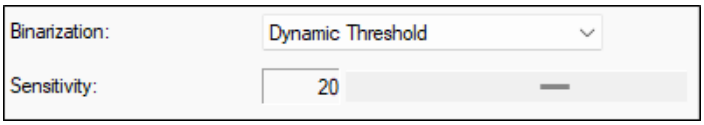
Invert

Inverts the color palette when set to White on Black.

Mode

Allows you to ignore the paper's background color.

Color Settings (Black & White)



Binarization

Allows you to choose how Black and White colors on the image are determined. The two that are used in most situations are:

Dynamic Threshold

The computer will automatically determine the threshold between black and white to capture as much detail as possible.

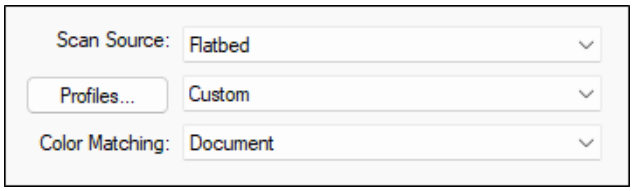
Fixed Processing

You will set a fixed color value that will be used to determine the threshold.

Sensitivity-Threshold

The values for the Binarization method selected.

Universal Settings

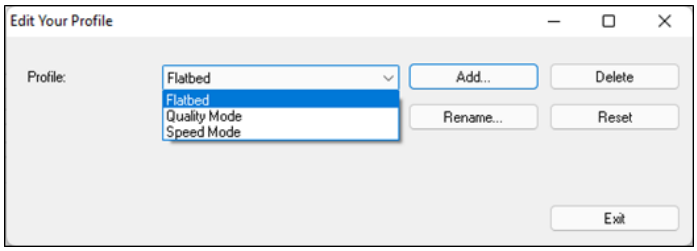


Scan Source

If your scanner has multiple scan sources, this allows you to choose from them. The 7800 only has a flatbed, so this is the only option currently available.

Profiles

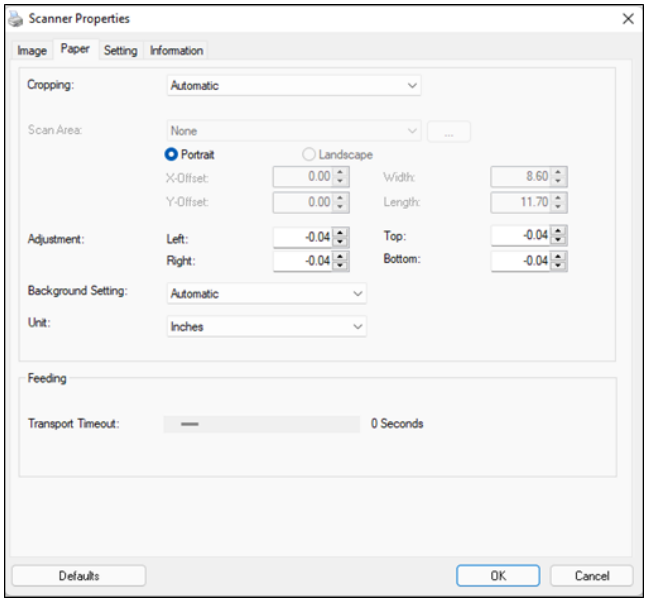
Allows you to save settings into profiles and swap between them on the fly. To create or edit new profiles, click on **Profiles…**



Color Matching

Tweaks the color processing based on what sort of emphasis you want, between **Photo**, **Document**, or **Mix**.

Paper Settings



Cropping

Gives several options related to automatically cropping scanned images

Automatic
Will automatically determine the edges and crop to them.

Fixed to Transport
Will not crop, and the resulting image will be everything seen by the scanner.

Relative to Document
Will try to scale the corner of the image to the document's corner.

Automatic Multiple
Will automatically determine the edges and crop to them, for multi-page documents.

Scan Area
Only available with Fixed to Transport and Relative to Document cropping options. Provides options to set the size of the page scanned when not automatically cropping.

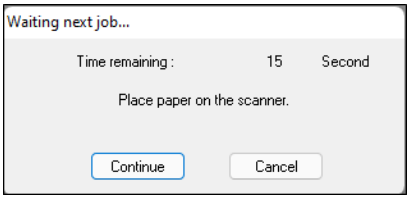
Adjustment
Allows manual adjustment of the edges/margins of the document.

Background Setting
Allows you to set what the background color behind the scanned image is. You generally want to leave it on automatic, or set it to the color opposite of the color of page you are scanning for more accurate cropping.

Unit
Changes the unit of measurement used by the software. You can choose **Inches**, **Milimeters**, or **Pixels**.

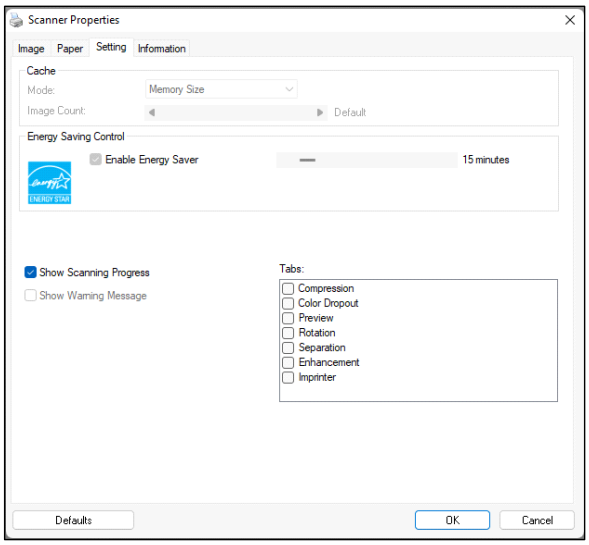
Feeding Settings

- Allows you to set a certain amount of time after a scan is complete in order to replace the page in the feeder and continue scanning.



- Once the timer runs out, it will automatically continue scanning. Click Cancel to end the scan and send the images to the destination.
- This is the how the 7800 scans multi-page documents with this application.

Power and Additional Tab Settings



Cache

Settings related to cache on the scanner. The 7800 lacks this functionality, so the settings are disabled.

Energy Saving Control

How long the scanner will stay active before going to sleep. You can set this up to 240 minutes and a minimum of 1 minute.

Show Scanning Progress

Toggle whether or not the progress of the current scan is displayed.

Show Warning Message

Toggle if warning messages appear. The 7800 does not have this feature.

Tabs

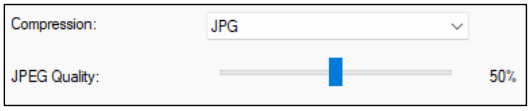
Shows or hides additional settings tabs.

Information

This tab shows a list of all relevant specs and version information on the computer, including CPU data, scanner firmware and driver version numbers, and other such information.

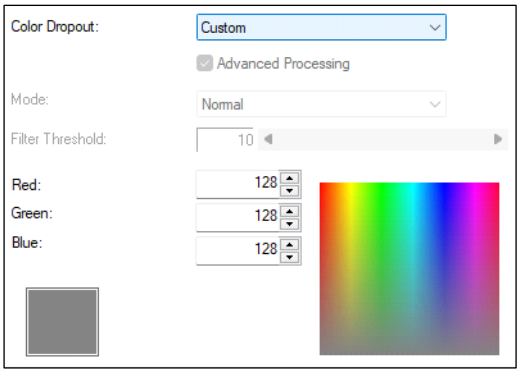
Additional Tab Settings

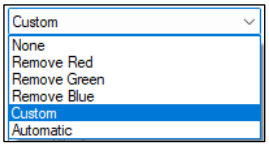
Compression



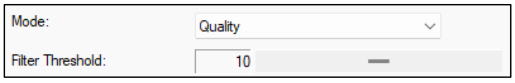
If you have JPEG selected as your output file format, this allows you to control the ratio of compression vs quality.

Color Dropout



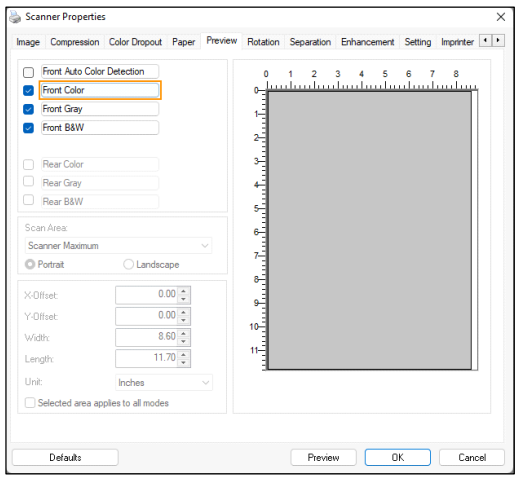


- This setting is only available in Grayscale and B&W modes.
- It will try to remove all parts of the scanned image of a certain color. You can select one of Red, Green, or Blue, or pick a custom color.
- Automatic Color Dropout allows you to pick a threshold and any colors under that level will be dropped out.



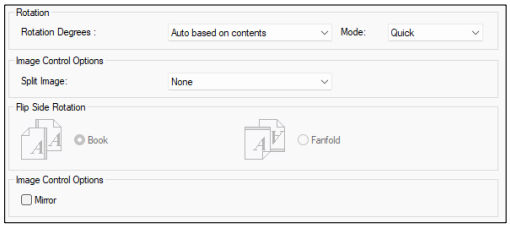
Preview

Allows you to see an example of what your **Page Settings** will look like.



- You may adjust the settings here and see feedback on the right.

Rotation



Rotation

Allows you to automatically rotate the image. This can be done either with a fixed 90/180/270 degrees, or automatically based on the plain text orientation on the page.

- Use **Mode** to adjust the accuracy vs speed of the automatic rotation.

Image Control Options

Allows you to split the document horizontally or vertically halfway into separate images.

Flip Side Rotation

If scanning double-sided, this will adjust the flipping of the reverse side. The 7800 does not support this feature as a flatbed.

Mirror

Allows mirroring of the image.

Separation

Blank Page Removal

Automatically removes any image that's completely blank.

- **Blank Page Removal Threshold** – Removes based on how blank the image is.

- **Image Size** – Removes based on the file size of the resulting image.

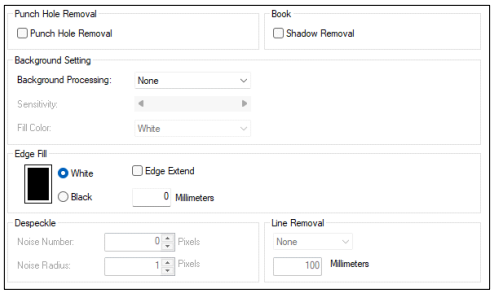
Barcode Detection

Allows separation based on if a barcode of a specific type is detected or not. As the 7800 can only scan a single page at a time, this feature does not function with it.Blank Page Removal

Patch Code Detection

Allows separation based on if a patch code page is detected. As the 7800 can only scan a single page at a time, this feature does not function with it.

Enhancement



Punch Hole Removal

Removes any hole punches from the sides of the document.

Book

Removes shadows caused by the spines of books when scanning them on the flatbed.

Background Setting

Allows you to attempt to smooth or remove background colors and imperfections, such as creases in the page. You can adjust the sensitivity of both settings.

Edge Fill

Enables automatic edge cleanup to avoid dark lines from the background. You can adjust the amount that is cleaned up, and the color between black and white.

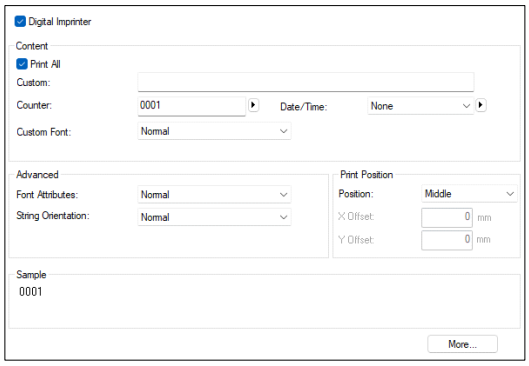
Despeckle

Allows you to fine-tune the settings for removing specks on the page. Only available in Black and White.

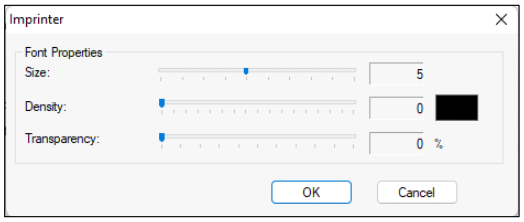
Line Removal

Automatically removes lines that are under an adjustable length. Only available in Black and White.

Imprinter



- Enables the use of a digital imprinter to mark documents after they are scanned with a small text string.
- You can type in a string of characters, followed by an incrementing counter and date/time stamps.
- The font and position can be adjusted under **Advanced**, **Print Position**, and **More…**



Scanning

- Click the **Scan** button on the main menu to initiate a scan.
- Scanned images will automatically appear onscreen. By the time they appear onscreen, they have already been sent to their destination as an output file.
- If you scanned multiple files, you can scroll through the files using the navigation bar on the left.

APPENDIX A: COPY REGULATIONS

UNITED STATES

Congress, by statute, has forbidden the reproduction of the following subjects under certain circumstances. Penalties of fine or imprisonment may be imposed on those guilty of making such reproductions.

1. Obligations or Securities of the United States Government, such as:

Certificates of Indebtedness	National Bank Currency	Coupons from Bonds
Federal Reserve Bank Notes	Silver Certificates	Gold Certificates
United States Bonds	Treasury Notes	Federal Reserve Notes
Fractional Notes	Certificates of Deposit	Paper Money

   Bonds and Obligations of certain agencies of the government, such as FHA, etc.

   Bonds. (U.S. Savings Bonds may be photographed only for publicity purposes in connection with the campaign for the sale of such bonds.)

   Internal Revenue Stamps. (If it is necessary to reproduce a legal document on which there is a canceled revenue stamp, this may be done provided the reproduction of the document is performed for lawful purposes.)

   Postage Stamps, canceled or uncanceled. (For philatelic purposes, Postage Stamps may be photographed, provided the reproduction is in black and white and is less than 75% or more than 150% of the linear dimensions of the original.)

   Postal Money Orders.

   Bills, Checks, or Drafts of money drawn by or upon authorized officers of the United States.

   Stamps and other representatives of value, of whatever denomination, which have been or may be issued under any Act of Congress.

2. Adjusted Compensation Certificates for Veterans of the World Wars.
3. Obligations or Securities of any Foreign Government, Bank, or Corporation.
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Earnings or Income	Dependency Status	Court Record
Previous military service	Physical or mental condition	

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