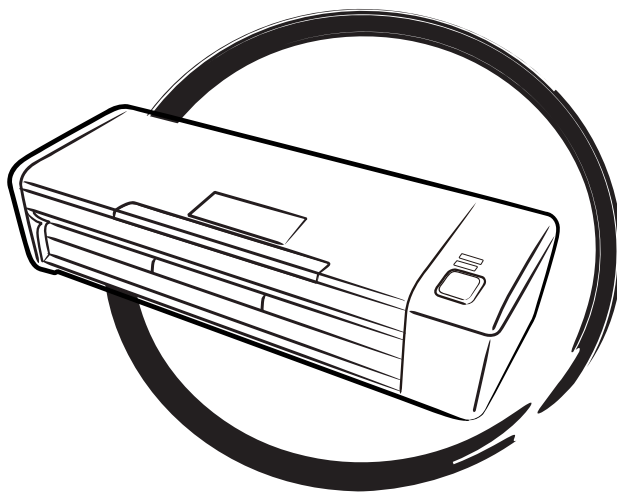


MICROTEK

Document Imaging
Scanner

ArtixScan*D*/2125c

User's Manual



Preface

Copyright

Copyright © 2013, Microtek International, Inc., all rights reserved. This document may not be reproduced or copied in any way, stored electronically, or translated into any language, without the permission of Microtek International, Inc.

Trademarks

Microtek, ScanMaker, ArtixScan, ScanWizard and ColoRescue are trademarks or registered trademarks of Microtek International, Inc. All other trademarks or registered trademarks are the property of their respective holders. Specifications, software and hardware bundles are subject to change without notice. Not responsible for typographical errors.

Disclaimer

The contents of this manual have been checked carefully for accuracy, and every effort has been made to ensure that there are no errors. However, Microtek makes no guarantee as to the accuracy of the contents of this document and reserves the right to make changes to the contents without prior warning.

I49-004544 B
September 2013

Microtek International, Inc.
6, Industry East Road 3, Science Based Industrial Park, Hsinchu, 30077, Taiwan
Tel: 886-3-5772155, Fax: 886-3-5772598, <http://www.microtek.com>

FCC Compliance Statement

This equipment (Model: MRS-600ADF) has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: A shielded Hi-Speed USB interface cable with ferrite core installed on the scanner connector end must be used with this equipment.

Caution: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Safety Precautions

Before using your scanner, read the following safety guides carefully, which detail the proper operation of the scanner and its accessories to prevent injuries or damage to users or equipment.

Power Source and AC Power Cord:

- Use a power source only with a power rating specified on the marking label.
- Insert the plug completely into the outlet, as a loose connection may cause arcing and result in fire.
- Place and route the power supply cord such that it is not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the cord near the power plugs, convenience receptacles, and at the point where it exits from the outlet.
- When the scanner is left unattended and unused for long periods of time, unplug it from the wall outlet.

Moving and Storing the Scanner:

- Do not place the scanner on any slippery, slanted, or unstable surface. The product may slide or fall, causing serious injury to people as well as serious damage to the product.
- Do not use this scanner near water. Never spill liquid of any kinds on the product, or it may result in electric shock or other hazards.
- This scanner should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Service:

- When you need a repair service, unplug the scanner from the power outlet and consult qualified service personnel.
- When replacement parts are required, use replacement parts that are specified by the manufacturer or have the same characteristics as the original parts.

Table of Contents

Preface	2
FCC Compliance Statement	3
Safety Precautions	4
Knowing about Your Scanner	7
Features of the ArtixScan DI 2125c	7
Installation Requirements	9
Taking a Closer Look	10
Front/Back View	10
Open View	11
Initial Setup	12
Following the Three Easy Steps	12
Step 1: Unpacking Package Contents	12
Step 2: Installing the Software	13
Step 3: Connecting the Scanner	14
To the Power Adapter	14
To the Hi-Speed USB Cable	14
Positioning Documents	15
To Load a Stack of Documents	15
To Load Cards	16
Document Notices	16
Scanning Documents	17
Using ScanWizard DI	17
Scanning a Single-sheet Document	17
Scanning a Stack of Documents	20
Scanning Documents with Mixed Contents	22
Scanning Documents with Barcodes	24
Utilizing Scanned Documents	26
Scanning for Archiving	26
Scanning for OCR	29
Scanning for PDF	31
Scanning for Copying	32
Customizing the Function Button	33

Care and Cleaning	35
Cleaning the Scanner Glass Surfaces	35
Cleaning the Rollers	36
Maintenance	37
Replacing the Separation Roller Assembly	37
Replacing the Feed Roller Assembly	39
Appendix	41
Fixing Paper Jams	41
Troubleshooting	42
Specifications	44

Knowing about Your Scanner

The ArtixScan DI 2125c is a sheet-fed color document scanner with an built-in automatic document feeder that can hold up to 20 sheets of papers for the unattended volume scanning. It features 600 dpi optical resolution, 65-inch (1651 mm) long document scanning support, and has a throughput run of 15 pages (simplex) or 30 images per minute (duplex) in color.

Features of the ArtixScan DI 2125c

The ArtixScan DI 2125c comes with several important features, including the following:

- **Portable, compact and convenient** — With a perfect small size, the ArtixScan DI 2125c reforms your imagination about a sheet-fed scanner. From the office to the home, the coffee shop to the hotel, the ArtixScan DI 2125c easily affords users portable and mobile opportunities for document capture on the go.
- **Superb ability to handle documents in versatile materials** — ArtixScan DI 2125c lets users easily digitize credit cards, business cards, bank statements, legal documents, insurance papers, and medical records in just seconds.
- **Duplex scanning in a single pass**— Allows to scan both sides of one sheet in a single pass. With this feature, the scanner can handle up to 40 ipm in grayscale/black & white and 30 ipm in color at 200 dpi.
- **Automatic document feeder with card scanning** — The automatic document feeder can hold up to 20 sheets of papers (0.05" /1.25 mm thickness) at a time, supporting dimensions from 3.15" x 2.1" (80 mm x 52 mm) to 8.5" x 65" (216 mm x 1651 mm).
- **Energy-saving LED light source** — Adopting LEDs as the light source, when the scanner is detected by the system, there are no requirements for any warm-up time before carrying out the scan, which boots your productivity and reduces energy costs amazingly. With its stable performance, the image quality will remain consistent even after used for a certain period of time.
- **One programmable function button** — The programmable function button on the front panel provides you an intuitive and easy way to access scanner functions.
- **Hi-Speed USB port** — Hi-Speed USB is capable of high data transfer rates of up to 480 Mbit/sec, providing the high data transfer rate via the included Hi-Speed USB cable.

- New and Advanced Microtek ScanWizard DI software — All-in-one control panel offers a host of features and image adjustment controls. Supporting the TWAIN driver, ScanWizard DI also features full document scanning tools and on-screen proofing. Its multi-scanning area and preview option allow you to obtain quick scans in the preview window. It comes out several distinguished advantages:
 - Barcode Separator — With this feature, you can batch scan documents without starting and stopping each time a new file begins by using barcode numbers on the documents. It saves you huge amounts of time and money to organize, to index and to search files of documents in seconds, enhancing the efficiency and productivity of file management.
 - Remove Blank Page — With this feature, blank pages are automatically detected and removed by the software when scanning a stack of documents. This function is quite helpful especially when users are scanning double-sided documents and some of the pages only have text on the front side.
 - Remove Punch Hole — With this feature, the software automatically detects the location of the punch holes on the scanned documents and fills them in white. This function works for most common hole puncher standards.
 - Paper count — The paper count allows user to keep track of all scan actions from both flatbed and ADF. This feature helps to estimate when you may need to replace the rubber or separation pad, or to apply maintenance and service to your scanner, making the use of your scanner more effectively.
 - Save multiple images as a single file — This advanced feature allows user to save multiple scanned images as a single file, depending on the number of the scanned images that are defined for document archival.
 - Auto-crop and auto-deskew — The auto-crop function automatically detects the size of the original image, crops the full scan frame to fit the image, and removes unwanted black borders. The auto-deskew function automatically corrects distorted images for proper alignment.
 - Color dropout — Red, green and blue colors can be dropped out to allow for clearer and more accurate forms processing with problematic color documents.
 - Preset Setting — This feature allows you to save the predefined scanning values, and then retrieve them later for scanning same types of materials, which brings fast and convenient access for users.
 - Document Enhancement — This feature brings out and improves the readability of text in a document that includes other elements such as color, pictures, or graphs.

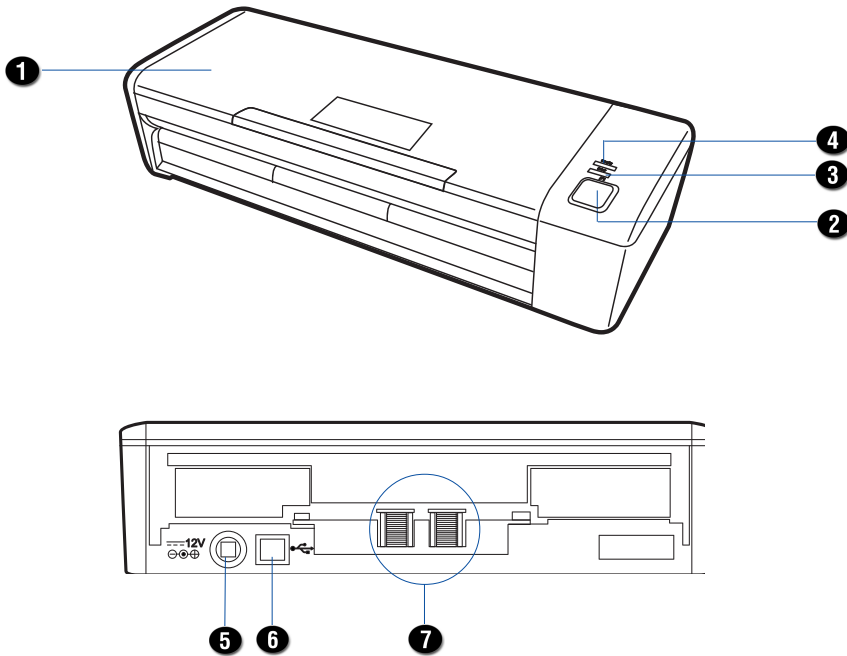
Installation Requirements

In order to use your ArtixScan DI 2125c, your computer must satisfy the following system requirements:

- CD/DVD-ROM drive (for installing software)
- Color display with 24-bit color output capability
- 512 MB RAM or more
- Pentium IV PC or higher with Hi-Speed USB (USB 2.0) port
- Microsoft Windows 2000, XP, Vista or Windows 7

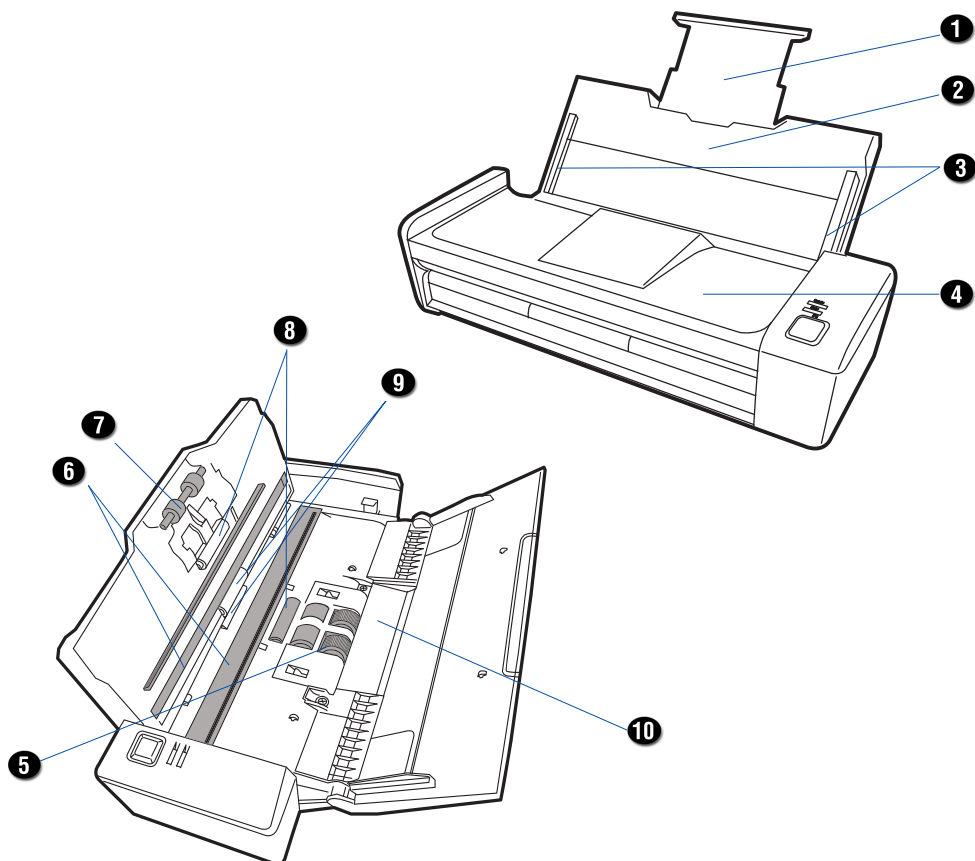
Taking a Closer Look

Front/Back View



No.	Names of Parts	Functions of Parts
1	Top cover	Document Feed Tray
2	Programmable Function Button	Allows users to customize the button to perform its preferred functions via software settings.
3	ERROR Indicator (Red)	Indicates if errors happen when the scanner is running.
4	READY Indicator (Green)	Indicates the scanner is ready to scan.
5	Power Connector	Connects the scanner to the power adapter.
6	Hi-Speed USB Port	Connects the Hi-Speed USB (USB 2.0) cable to the computer.
7	Feed Roller Assembly	Used to feed documents into the feeder.

Open View



No.	Names of Parts	Functions of Parts
1	Tray Extender	Used to extend the length of the Document Feed Tray.
2	Document Feed Tray	Holds the documents to be fed into the feeder.
3	Guide Arm	Slides to hold a stack of documents.
4	Scanner Cover	The cover of the scanner.
5	Feed Roller Assembly	Used to feed documents into the feeder.
6	Glass Surfaces	The places where the CIS cartridges are stored.
7	Separation Roller Assembly	Used to separate each sheet of documents when a stack of documents are fed into the feeder.
8	Pick Rollers	Used to pick up documents into the feeder.
9	Output Rollers	Used to eject documents after scanning.
10	Card Tray	Holds the card to be fed into the feeder.

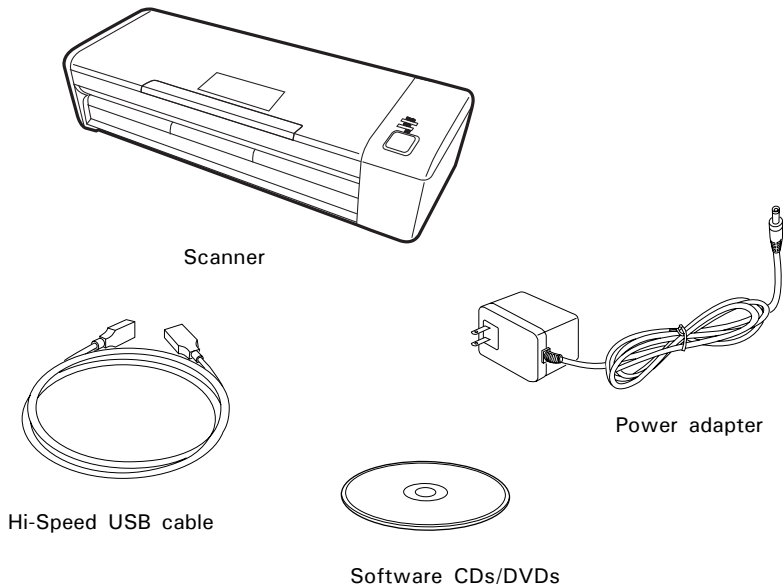
Initial Setup

Following the Three Easy Steps

After unpacking your scanner package, follow the steps in order for a quick and easy installation process.

Step 1: Unpacking Package Contents

After unpacking your scanner package, please check for the major components listed below.

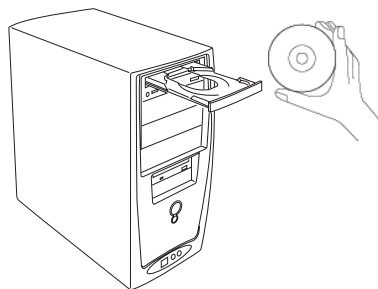


Step 2: Installing the Software

Important: You must install all software before connecting your scanner. Always close any open programs and turn off Anti-virus utilities before installing software.

1. Turn on your computer.
2. Place the **Microtek Software CD/DVD** into a drive.
3. Follow the on-screen instructions to install the driver and software.

Note: If the Microtek Software Installer screen does not come up automatically, double-click the following in succession: "My Computer"; the CD/DVD-ROM icon; then cdsetup.exe to start the installer program.



4. To install the software on the Microtek Software CD/DVD, click each software program in the order that it appears on the screen to install, and follow the on-screen instructions.
5. Click **EXIT** on the Microtek Software Installer screen when all the software has been installed.
6. Restart your computer.

Drivers & Software Upgrades

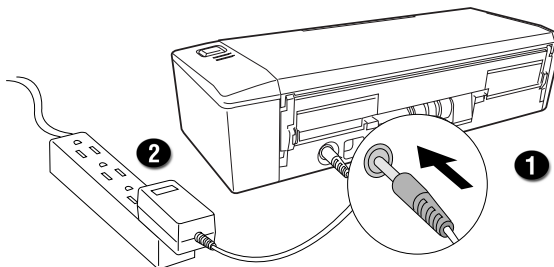
After you finish the installation of software, if you found that the installed drivers and software cannot run your product or your computer system properly later, please go to the Microtek **Download Service** site at ww7.microtek.com.tw/service.php to download and install any updates you may require.

For additional information about Microtek products, please visit our website at www.microtek.com.

Step 3: Connecting the Scanner

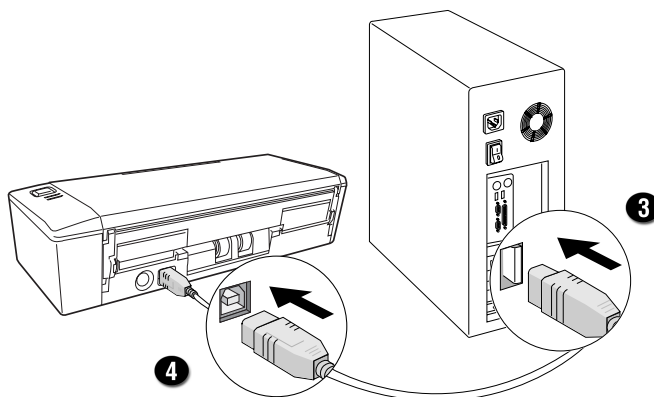
To the Power Adapter

1. Connect the power adapter to the back of the scanner.
2. Plug the other end of the power adapter into a wall outlet or other power source.



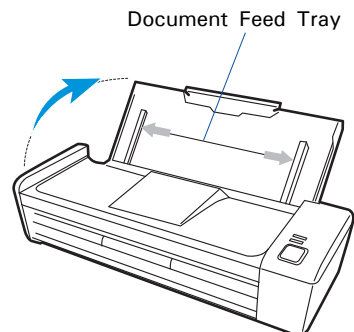
To the Hi-Speed USB Cable

3. Connect one end of the Hi-Speed USB cable to your computer.
4. Connect the other end of the Hi-Speed USB cable to the scanner's USB port.



5. Open top cover (Document Feed Tray) to turn on the scanner.

Once the scanner is detected by your system, the LED (green) will brighten, and the scanner is ready to scan.

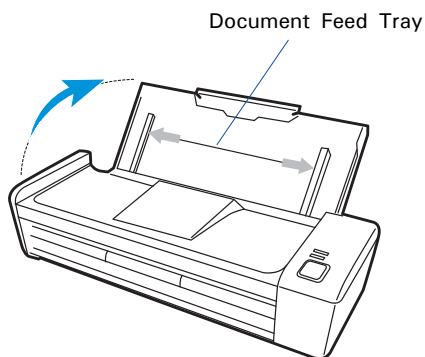


Positioning Documents

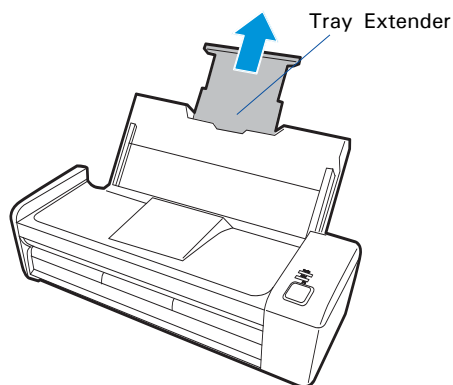
This section shows you how to position a stack of documents, as well as credit cards and driver's license into the feeder.

To Load a Stack of Documents

1. Open the top cover (Document Feed Tray) of the scanner.

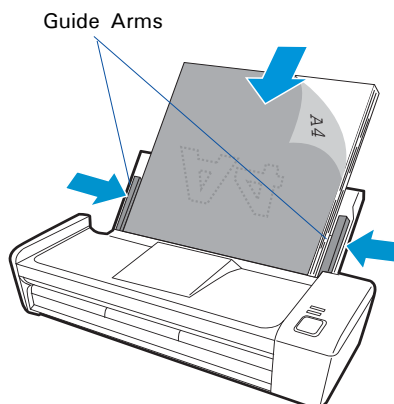


2. Pull out the top Tray Extender for better paper support if needed.



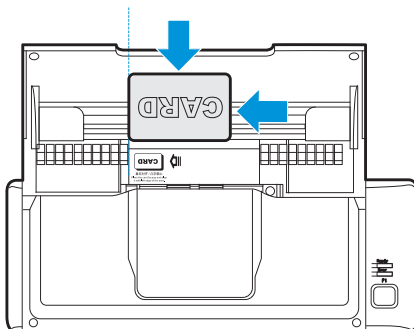
3. Load and center the stack of documents onto the Document Feed Tray, with the side to be scanned facing down and the top edge facing toward the feeder.

Then, slide the two Guide Arms toward the stacked papers if needed.



To Load Cards

1. Open the top cover (Document Feed Tray).
2. Load the card face up into the Card Tray located at the bottom of the Document Feed Tray, with the top edge facing toward the tray.
3. Align the card against the left edge of the Card Tray.



Document Notices

Note: There are several precautions and reminders about using the scanner correctly. Please refer to the section as below for the detail.

- The scanner is not designed for scanning photos; doing so may damage your originals. Microtek accepts no responsibility for damage that may arise from misuse of equipment.
- The scanner can handle document specifications:
 - Paper size: Min. 3.15" x 2.1" (80 mm x 51 mm)
Max. 8.5" x 65" (216 mm x 1651 mm)
 - Paper weight: 10.7 to 32 lbs. (40-120 g/m²)
 - Card thickness: Up to 0.078" (2 mm).
- If the documents are torn, curled, or wrinkled, do not put them into the scanner to scan, because they may cause paper jams.
- Remove paper clips or staples before placing documents into the tray. DO NOT use the scanner to scan documents with paper clips or staples because they may cause paper jams or damage the scanner.
- Feeder capacity: Up to 20 sheets of 20 lb. paper or 1 piece of card

Scanning Documents

Using ScanWizard DI

ScanWizard DI is a scanning software designed by Microtek for document scanning in color, black and white, and grayscale in both duplex and simplex modes. Its user-friendly interface enables you to easily start the scanning process. Refer to the ScanWizard DI software manual for more details.

Warning:

- Do not place photos or fragile materials in the feed tray, for it will damage the originals when performing the feeding process.

The following sections will show you step by step how to use ScanWizard DI.

Scanning a Single-sheet Document

1. Load the single-sheet document to be scanned into the Document Feed Tray.
2. Launch ScanWizard DI (either as a stand-alone by clicking the program icon, or by using the "File-Import" or "Scan" command from an application program).
3. Specify your scanning requirements in the ScanWizard DI control panel.
 - a) Select your image input device in the Scan Source drop-down menu.
 - Select *ADF (Simplex)* to scan one side of the document.
 - Select *ADF (Duplex)* to scan both sides of the document.

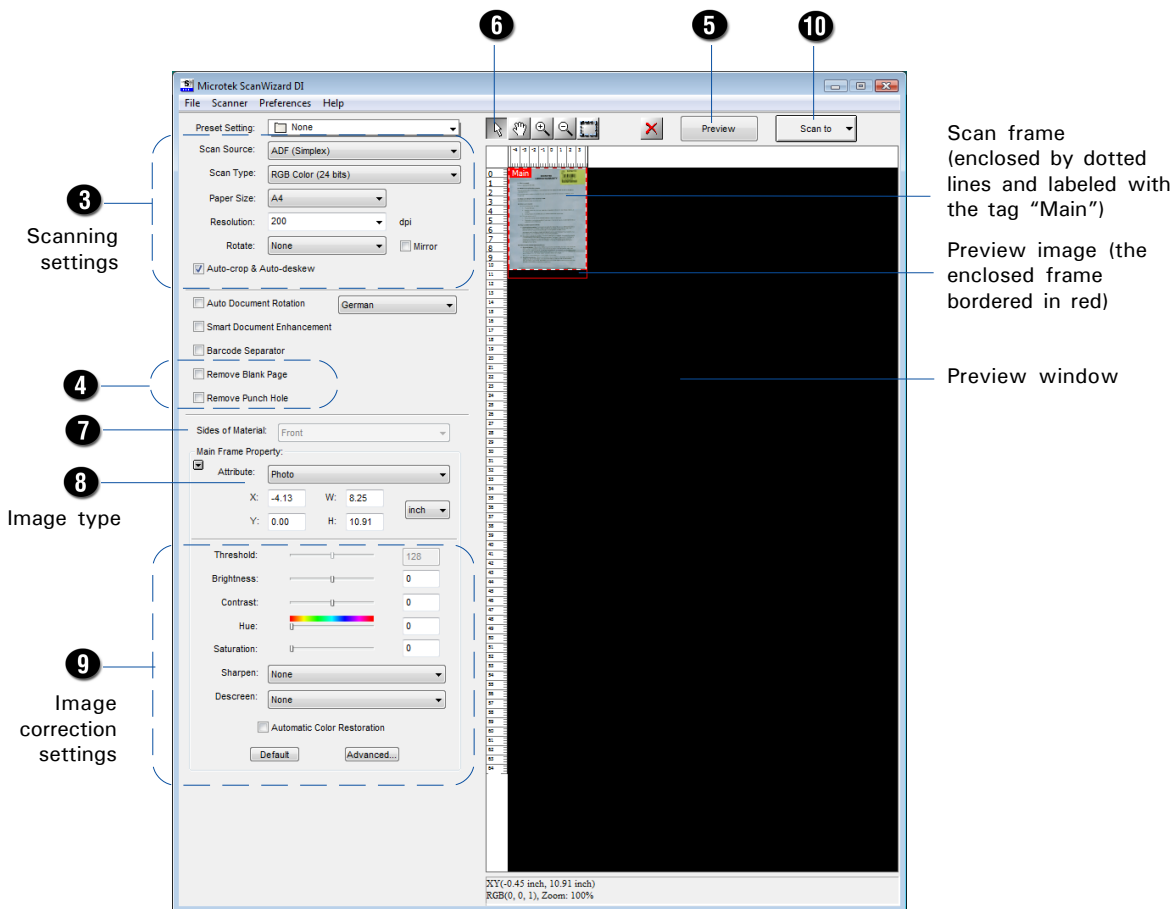
Important: To avoid unexpected results, make sure you select *ADF (Duplex)* as your image input device when scanning a card.

- b) Select your image output type in the Scan Type drop-down menu.
 - Select *RGB Color (24 bits)* to scan the image in color.
 - Select *Grayscale (8 bits)* to scan the image in grayscale.
 - Select *Black & White (1 bit)* to scan the image in black-and-white.
- c) Select a dimension in the Paper Size drop-down menu as your preview image size.
- d) Select your desired image output resolution in the Resolution drop-down menu.
- e) If "Auto-crop & Auto-deskew" is selected, the scanner automatically detects the size of the original image, crops the full scan frame to fit the image, and removes unwanted black borders after the scan, as well as corrects the distorted image for proper alignment.

4. If necessary, check “Remove Blank Page” or “Remove Punch Hole” to enhance the quality of the scanned images.
5. Click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the preview window.
6. Click the *Scan Frame* tool button to adjust the size of the scan frame (enclosed within the red dotted lines and labeled with the tag “Main”). Drag on the edge or corner of the scan frame to resize the scan frame.
7. If necessary, specify the image settings for the front or back side of papers separately by using the “Sides of Material” control when the Scan Source is set as the ADF (Duplex).
8. Select your image type in the Attribute drop-down menu.
 - Select *Line Art* to scan line art images (images in one color or in black-and-white, such as logos or mechanical blueprints).
 - Select *Photo* to scan color prints.
 - Select *Text* to scan text.
9. If necessary, adjust image quality by using the image correction tools.
10. Click the *Scan* or *Scan To* button to start scanning.

If ScanWizard DI is launched as a Plug-In from an image-editing program, the scanned image is delivered after the scan to your application, where the image can be saved, printed, or modified further.

If ScanWizard DI is launched as a stand-alone program, the scanned image can be saved after the scan to a file, opened in an image-editing program, or sent to a printer.

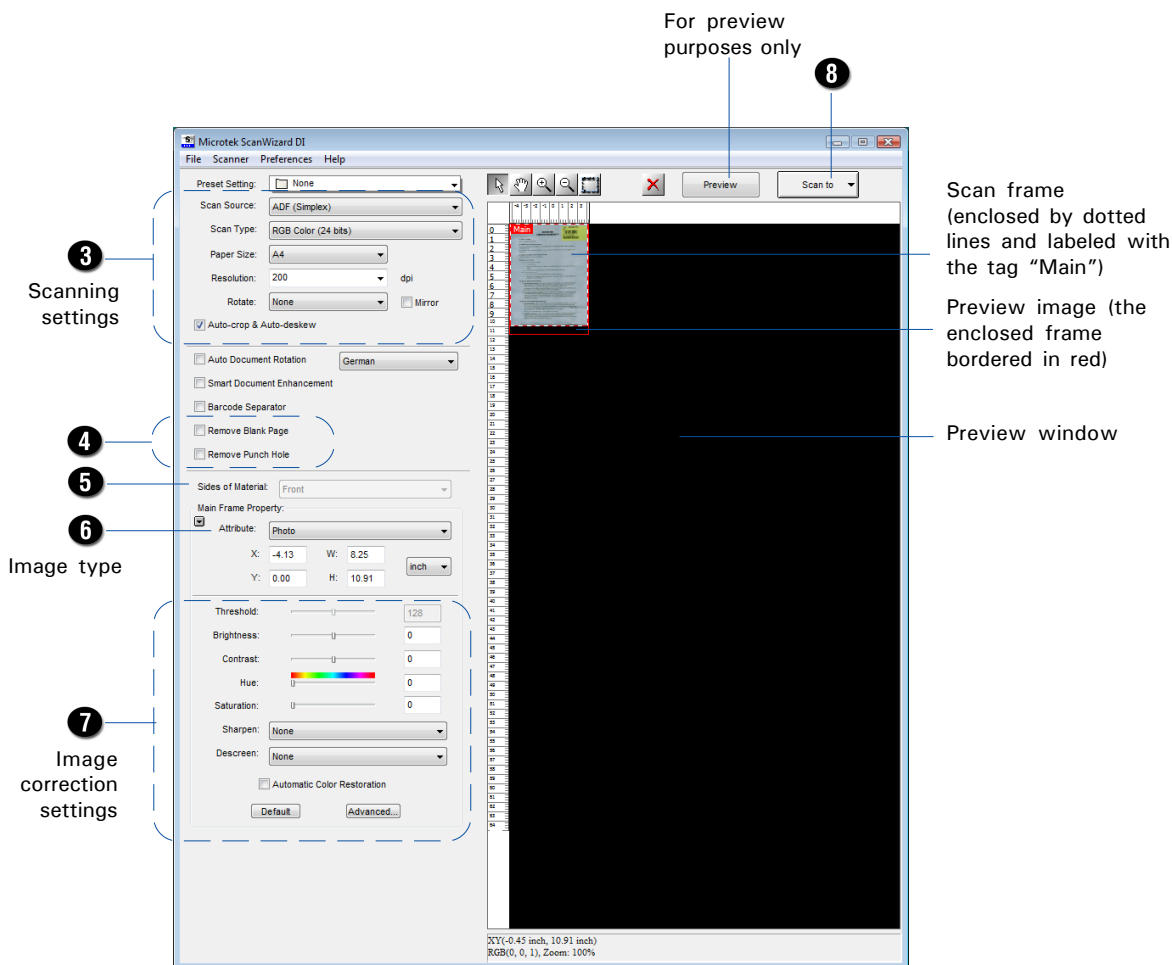


Scanning a Stack of Documents

1. Load the stack of documents to be scanned into the Document Feed Tray.
2. Launch ScanWizard DI (either as a stand-alone by clicking the program icon, or by using the "File-Import" or "Scan" command from an application program).
3. Follow the procedures (steps 3a through 3e) for "Scanning a Single-sheet Document" to specify your scanning requirements in the ScanWizard DI control panel.
 - a) Select *ADF (Simplex)* or Select *ADF (Duplex)* in the Scan Source drop-down menu as your image input device.
 - b) Select your image output type in the Scan Type drop-down menu.
 - c) Select a dimension in the Paper Size drop-down menu as your preview image size.
 - d) Select your desired image output resolution in the Resolution drop-down menu.
 - e) If "Auto-crop & Auto-deskew" is selected, the scanner automatically detects the size of the original image, crops the full scan frame to fit the image, and removes unwanted black borders after the scan, as well as corrects the distorted image for proper alignment.
4. If necessary, check "Remove Blank Page" or "Remove Punch Hole" to enhance the quality of the scanned images.
5. If necessary, specify the image settings for the front or back side of papers separately by using the "Sides of Material" control when the Scan Source is set as the ADF (Duplex).
6. Select the your image type in the Attribute drop-down menu.
 - Select *Line Art* to scan line art images (images in one color or in black-and-white, such as logos or mechanical blueprints).
 - Select *Photo* to scan color prints.
 - Select *Text* to scan text.
7. If necessary, adjust image quality by using the image correction tools.
8. Click the *Scan* or *Scan To* button to start scanning.

If ScanWizard DI is launched as a plug-in from an image-editing program, the scanned image is delivered after the scan to your application, where the image can be saved, printed, or modified further.

If ScanWizard DI is launched as a stand-alone program, the scanned image can be saved after the scan to a file, opened in an image-editing program, or sent to a printer.



For preview purposes only, take note of the additional notes below:

1. Load a piece of paper from the paper stack into the Document Feed Tray as step 1. Do not load more than one sheet, as a single sheet is sufficient for previewing.
2. After finishing step 4 and before proceeding to step 5, click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the preview window.

At this moment, the previewed page is delivered to the output tray from the Document Feed tray. Load the previewed page, along with the paper stack into Document Feed Tray. You are now ready to scan.

Scanning Documents with Mixed Contents

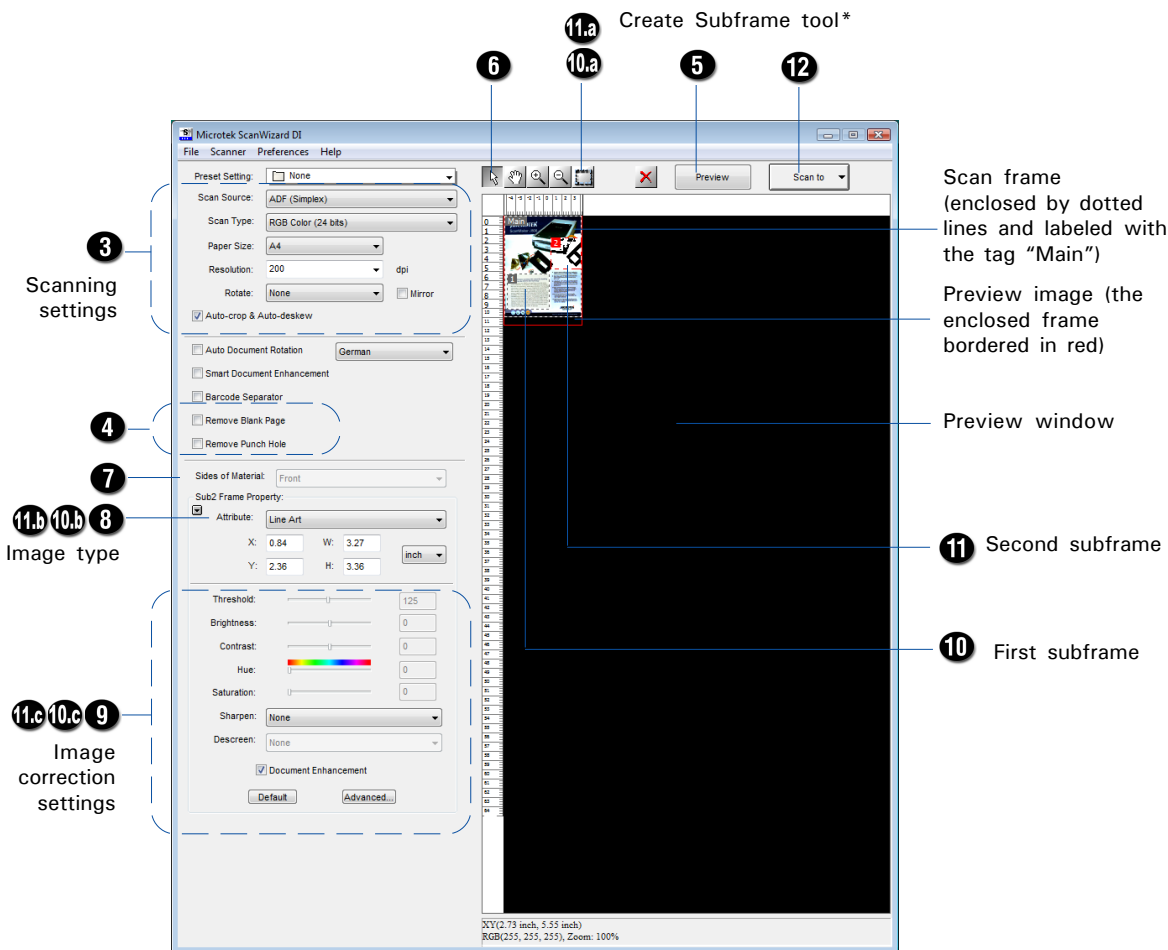
Many documents contain mixed content with both text and pictures on the same page. You can use a function named "Multiple Scan Frames" to scan different types of documents at the same time.

1. Load the single-sheet color print to be scanned into the Document Feed Tray.
2. Launch ScanWizard DI (either as a stand-alone by clicking the program icon, or by using the "File-Import" or "Scan" command from an application program).
3. Follow the procedures (steps 3a through 3e) for "Scanning a Single-sheet Document" to specify your scanning requirements in the ScanWizard DI control panel.
4. If necessary, check "Remove Blank Page" or "Remove Punch Hole" to enhance the quality of the scanned images.
5. Click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the preview window.
6. Click the *Scan Frame* tool button to adjust the size of the scan frame (enclosed within the dotted lines and labeled with the tag "Main"). Drag on the edge or corner to resize the scan frame.
7. If necessary, specify the image settings for the front or back side of papers separately by using the "Sides of Material" control when the Scan Source is set as the ADF (Duplex).
8. Select *Photo* in the Attribute drop-down menu as your image type for the main scan frame.
9. If necessary, adjust image quality by using the image correction tools.
10. Specify the **first** subframe.
 - a) Click the *Create Subframe* tool button. Move the mouse pointer to the text area, then drag to create a rectangle and enclose the text area.
 - b) Select *Text* in the Attribute drop-down menu as your image type for the selected scan frame.
 - c) If necessary, adjust image quality by using the image correction tools.
11. Specify the **second** subframe.
 - a) Click the *Create Subframe* tool button. Move the mouse pointer to the drawing picture area, then drag to create a rectangle and enclose the picture area.
 - b) Select *Line Art* in the Attribute drop-down menu as your image type for the selected scan frame.
 - c) If necessary, adjust image quality by using the image correction tools.

12. Click the *Scan* or *Scan To* button to start scanning.

If ScanWizard DI is launched as a plug-In from an image-editing program, the scanned image is delivered after the scan to your application, where the image can be saved, printed, or modified further.

If ScanWizard DI is launched as a stand-alone program, the scanned image can be saved after the scan to a file, opened in an image-editing program, or sent to a printer. The scanned image is delivered after the scan to your application, where the image can be saved, printed, or modified further.



*Create Subframe tool

The Create Subframe tool lets you create a new scan frame within the enclosed scan frame that is labeled with the tag "Main". When a new scan frame is generated, the enclosed scan frame is selected in red dotted lines. The newly added subframe is automatically labeled in series (with tag "1", "2", etc.).

Scanning Documents with Barcodes

Some documents have barcode numbers on them. You can use a function named "Barcode Separator" to scan documents to be filed with barcode numbers.

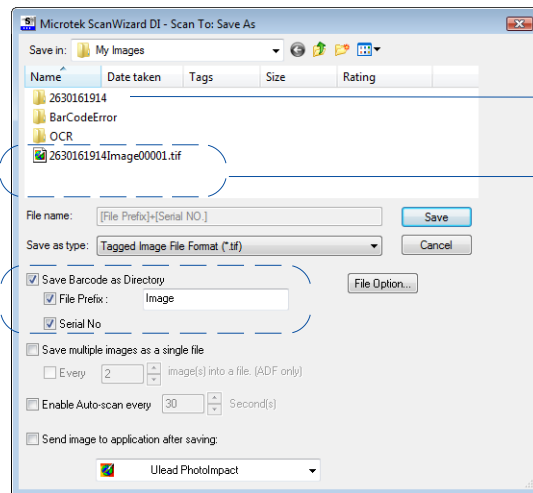
1. Load the documents with a barcode on to be scanned into the Document Feed Tray.
2. Launch *ScanWizard DI* as a stand-alone by clicking on the program icon on the desktop.
3. Follow the procedures (steps 3a through 3e) for "Scanning a Single-sheet Document" to specify your scanning requirements in the ScanWizard DI control panel.
4. If necessary, check "Remove Blank Page" or "Remove Punch Hole" to enhance the quality of the scanned images.
5. Click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the preview window.
6. Click the *Select Frame* tool button to adjust the size of the scan frame (enclosed within the red dotted lines and labeled with the tag "Main"). Drag on the edge or corner to determine the final size of the actual scan.
7. If necessary, specify the image settings for the front or back side of papers separately by using the "Sides of Material" control when the Scan Source is set as the ADF (Duplex).
8. Select the your image type in the Attribute drop-down menu.
9. If necessary, adjust image quality using the image correction tools.
10. Check the "Barcode Separator" option to activate the Barcode Frame tool button.
11. Click the *Barcode Frame* tool button to adjust the size of the barcode frame (enclosed within the red dotted lines and labeled with the tag "BarCode"). Drag on the edge or corner to determine the final size of the actual scan for the barcode.

If you have more than one page with a barcode on, make sure if the selected area of the barcode frame covers enough space. If not, when it performs a scan job, your scanner will not detect the barcode which appears outside the selected area of the barcode frame.

12. Click the *Scan To* button to start scanning.

If the "Save Barcode as Directory" is checked, the program will recognize and use the barcode on the scanned document to generate a file directory, where the scanned document will appear with any predefined prefix and/or serial number.

If the “Save Barcode as Directory” is unchecked, the program will recognize and use the barcode on the scanned document to name the scanned document. You can append any predefined prefix and/or serial number to the output filename in order to differentiate the documents containing same barcode.



Barcode number is used as a file directory name

Barcode number is used as a file name

Select Frame tool

3 Scanning settings

Image type

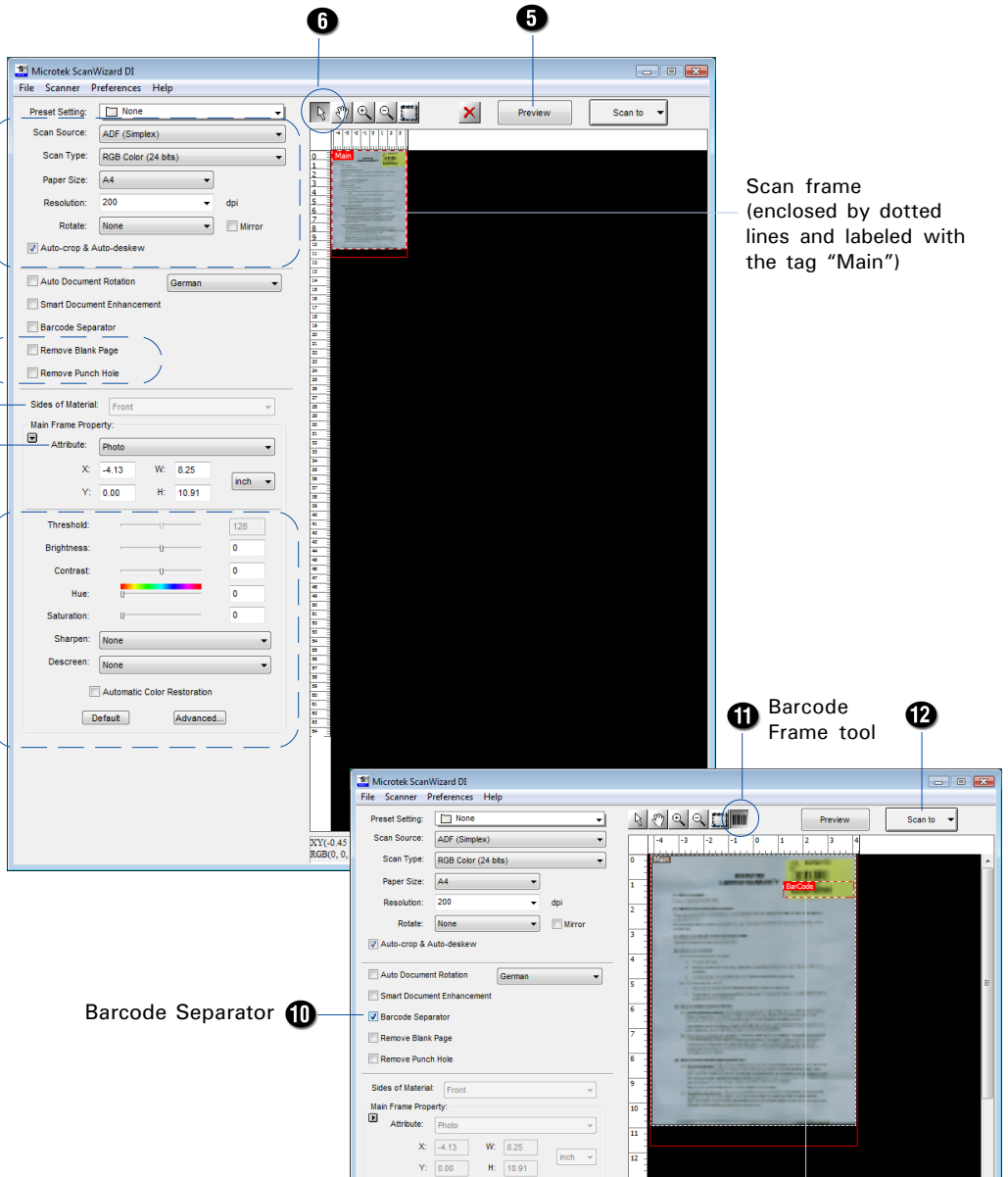
9 Image correction settings

Scan frame (enclosed by dotted lines and labeled with the tag "Main")

11 Barcode Frame tool

Barcode Separator 10

Barcode frame (enclosed by dotted lines and labeled with the tag "BarCode")



Utilizing Scanned Documents

Depending on your needs, you may save your scanned documents into the following several ways:

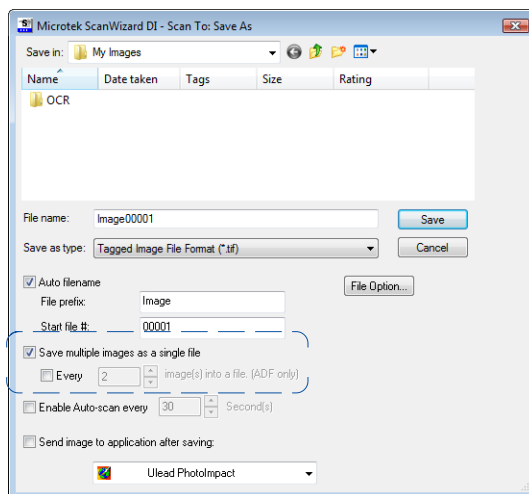
Scanning for Archiving

The archiving function allows the scanner to scan documents for recording purposes. For instance, an image “record” can be kept of multiple-page legal documents or of other important documents, such as birth certificates and tax records.

1. Load the documents to be scanned into the Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedures (steps 3 through 7) for “Scanning a Stack of Documents” to specify your scanning requirements.
4. Click the *Scan To* button to open the “Scan To: Save As” dialog box.

In the “Scan To: Save As” dialog box, specify the following settings:

- a) Key in your preferred file name in the “File prefix” edit box, or use the default “Image” as a root file name.
- b) Select your required export file format. Save the file as TIF, PDF, or DCX, which enables the “Save multiple images as a single file” option in the next step.
- c) Check the “Save multiple images as a single file” option to store all the scanned images as a single file if desired.



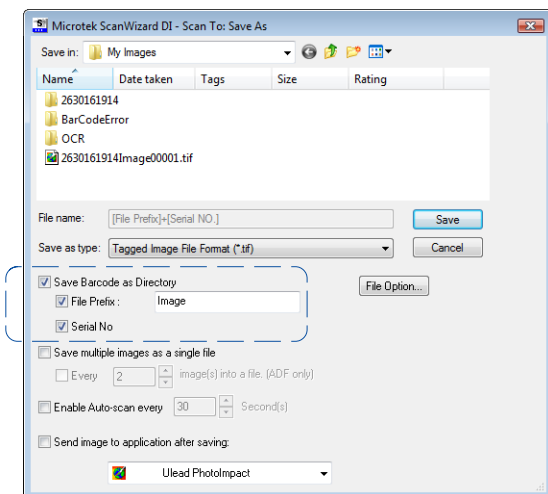
If you scan the documents through the ADF and enable “Save multiple images as a single file”, you are allowed to specify how many images you would like to be saved in a single file after scan.

Check the “Every %image(s) into a file “ option, and then enter your desired number in the edit box directly or click the up/down arrow to increase/decrease the number. The range is from 2 to 100 images.

5. Click the *Save* button.

The originals are sequentially scanned until the stack of documents is depleted; when finished, all the scanned images are saved as a single file.

When the Barcode Separator function is checked, the “Scan To: Save As” dialog box should look like the one as shown below. The “Auto filename” option will be replaced by the “Save Barcode as Directory”.



Save Barcode as Directory: If “Save Barcode as Directory” is checked, the value of the scanned barcode is saved and used as a file directory. If unchecked, the value of the scanned barcode is saved and used as a file’s name.

When “Save Barcode as Directory” is checked, you have to assign at least one of the “File Prefix” or “Serial No.” to be your output filename. They cannot be null at the same time.

If “Save Barcode as Directory” is unchecked and if you do not assign either one of the “File Prefix” or “Serial No.” to be a file’s name, the new saved file will overwrite the old one.

Note: No matter if you check “Save Barcode as Directory” or not, it is strongly recommended to check “Serial No.” in order to add it as part in your file’s name. For if you do so, the system will automatically generate a sequential number based on when the file is saved. Otherwise, if you do not do so, when you scan another document with the same barcode value as that on the old one and you forget to name it in different file prefix, the new scanned document will overwrite the old one immediately.

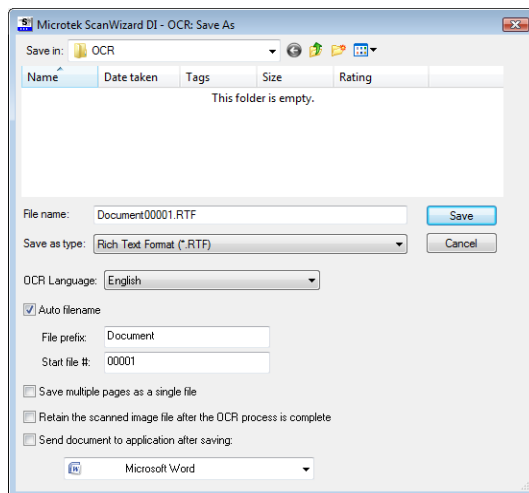
Scanning for OCR

The OCR (Optical Character Recognition) function allows the scanner to convert a scanned document into text that can be edited from any word processing application.

1. Load the documents to be scanned into the Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedures (steps 3 through 7) for “Scanning a Stack of Documents” to specify your scanning requirements
 - a) In step 3d, the recommended resolution is 300 dpi or above for OCR.
 - b) In step 6, from the Attribute options menu, choose *Line Art* as your image type to obtain best OCR results. When *Black & White* is your chosen mode in the Scan Type options, *Line Art* should be the selected image type.
4. Click the *Scan To* button and hold down the mouse until the options menu appears, then select *OCR* to open the “OCR” dialog box.

In the “OCR: Save As” dialog box, specify the following settings:

- a) Key in your preferred file name in the “File prefix” edit box, or use the default “Document” as a root file name.
- b) Select your required export file format.
- c) Check the “Save multiple pages as a single file” option to store all the scanned images as a single file if desired.
- d) Select your preferred language from the “OCR Language” options. The available options are English, German, French, Italian, Spanish, and Chinese.
- e) Check the “Send document to application after saving” option, then choose your word processing application from the options.



5. Click the *Save* button.

The originals are sequentially scanned until the stack of documents is depleted; when finished, all the scanned images are saved as a single file. The saved file can now be opened from your chosen application and is ready to be edited.

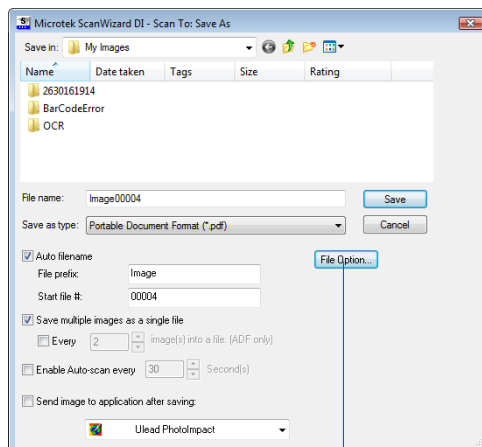
Scanning for PDF

The scanner can easily convert any paper document into an image and saves it as an Adobe Portable Document Format (PDF) file for viewing with the Adobe application software. It also offers variable compression levels for full controls over file sizes and image quality.

1. Load the documents to be scanned into the Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedures (steps 3 through 7) for “Scanning a Stack of Documents” to specify your scanning requirements
4. Click the *Scan To* button to open the “Scan To: Save As” dialog box.

In the “Scan To: Save As” dialog box, specify the following settings:

- a) Key in your preferred file name in the “File name” edit box, or use the default “Image” as a root file name.
- b) Select “Portable Document Format” as your file-saving format from the “Save as type” drop-down menu.
- c) Check the “Save multiple images as a single file” option to store all the scanned images as a single file if desired.
- d) Check the “Send image to application after saving” option, then choose your Adobe application from the options.



The File Option button is active when the “RGB Color” or “Grayscale” is set as your image output type and the PDF is chosen. With this function, you can control the image quality compression as your desired.

5. Click the *Save* button.

The originals are sequentially scanned until the stack of documents is depleted; when finished, all the scanned images are saved as a single file. The saved file can now be opened from your chosen application and is ready to be viewed.

Note: The scanner also allows you to scan a text document and convert it to an editable PDF file for editing with the Adobe Acrobat writer. Follow the procedures for “Scanning for OCR”, in step 4b, select the “Portable Document Format” as your file-saving format.

Scanning for Copying

The copy function allows the scanner to work like a copier using your printer, with documents printed successively without interruption. This lets you transform your scanner and printer into a convenient copy station.

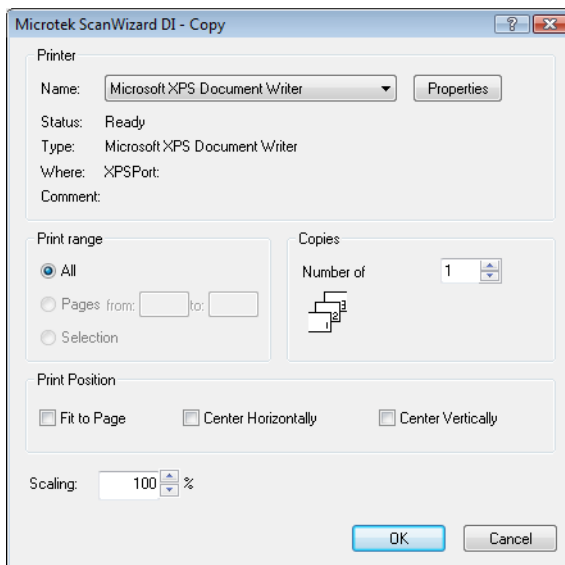
1. Load the documents to be scanned into the Document Feed Tray.
2. Launch ScanWizard DI in stand-alone mode by clicking the program icon on the desktop.
3. Follow the procedures (steps 3 through 7) for “Scanning a Stack of Documents” to specify your scanning requirements.
4. Click the *Scan To* button and hold down the mouse until the Options menu appears, then select *Copy* to open the “Copy” dialog box.

In the “Copy” dialog box, specify the following settings:

- a) Select a default printer or any alternative printer from the options.
- b) Specify the number of copies to be made.
- c) Select a scale ratio for increasing or reducing the size of the scanned image.

If the “Fit to Page” option is checked, the “Scaling” setting is disabled.

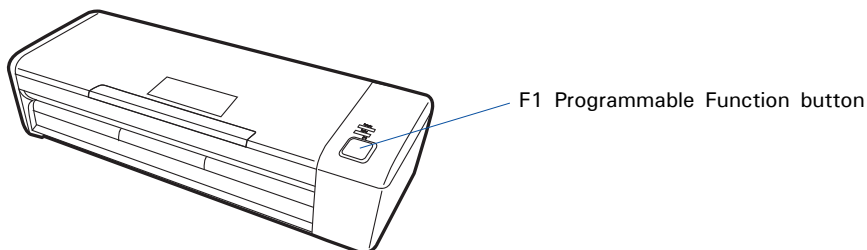
5. Click the *OK* button.



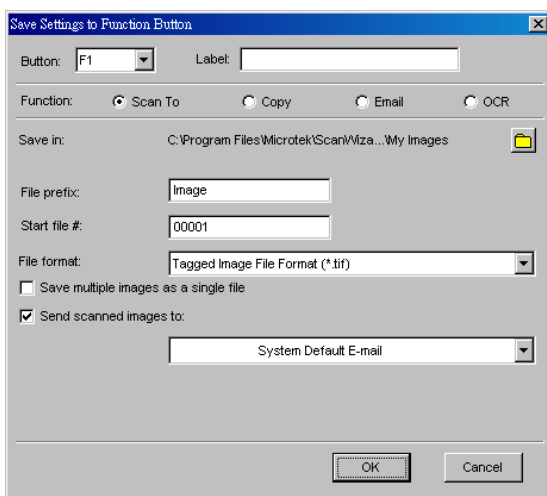
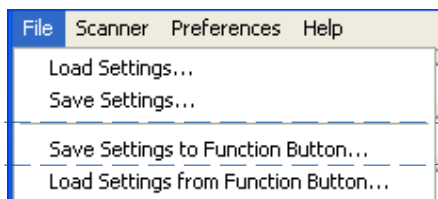
The originals are sequentially scanned until the stack of documents is depleted; when finished, all the scanned images are sent to the specified printer.

Customizing the Function Button

The ArtixScan DI 2125c is equipped with one programmable function button (F1) that can be customized to automate a number of predefined operations, such as scanning to a file, sending an image to your printer, scanning for OCR, etc. Customizing is done through the “Save Settings to Function Button” command, as explained below.



1. Launch ScanWizard DI (either as a stand-alone by clicking the program icon, or by using the “File-Import” or “Scan” command from an application program).
2. Follow the procedures (steps 3 through 7) for the “Scan a Stack of Documents” section to specify your scanning requirements in the ScanWizard DI panel.
3. When you finish specifying the scanning settings, choose the “Save Settings to Function Button” command from the File menu. The dialog box appears.

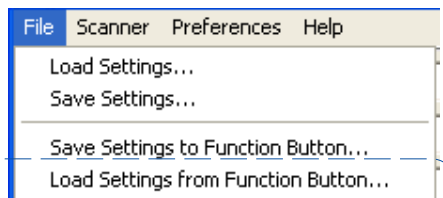


4. In the dialog box, specify your requirements for the F1 button.
 - a) Select F1 to be defined from the *Button* options.
 - b) Key in your preferred string in the *Label* edit box for the selected function button.
 - c) Make your selection among the *Function* radio buttons below to define your selected button. The three functions provided are:
 - **Scan To:** Captures images that can be automatically saved as files or sent to another application for further processing. This is the default selection.
 - **Copy:** Scans the image and sends it to your printer, transforming your scanner and printer into a convenient copy station. Simply specify the number of copies you want.
 - **OCR:** Performs OCR (Optical Character Recognition) of a document and converts it to a fully editable digital file. Saves time from retyping documents into your word processor.
5. Specify the function settings according to your requirements, then click the OK button. The parameters currently specified for your selected function button are saved.

Note: When you have finished the settings for the function button, you will need to exit ScanWizard DI before pressing the function button on the scanner to carry out the defined task. If you press a function button on the scanner while ScanWizard DI is activated, the scanner only performs a preliminary scan of the image.

To browse the settings of your original function button (in case you do not remember the settings that you assigned previously), use the “Load Settings to Function Button” feature.

To do this, select the “Load Settings to Function Button” command from the File menu, choose the function button to be previewed, and click the OK button.



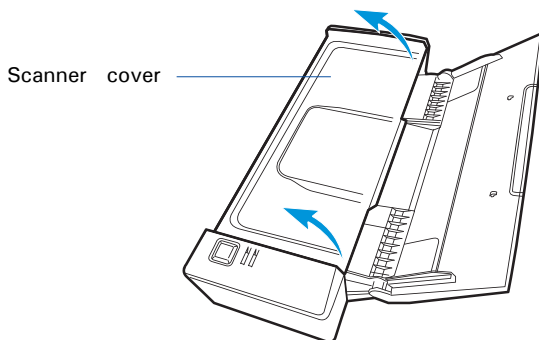
The saved function button settings are restored to the ScanWizard DI control panel. You can then continue to use these settings until you need to specify new settings for the buttons.

Care and Cleaning

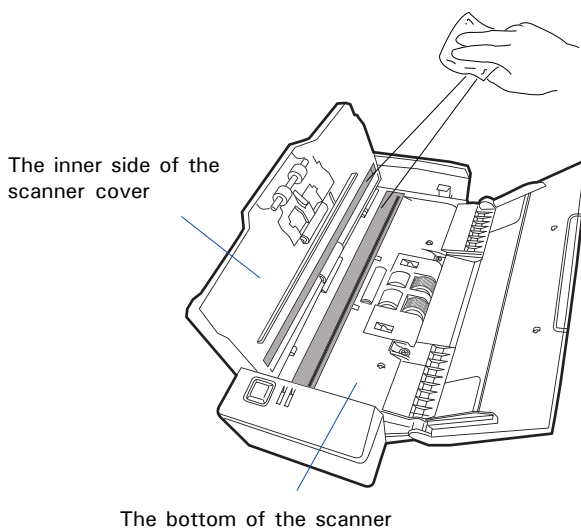
To ensure optimal performance from the ArtixScan DI 2125c, it is important to clean several critical parts of the scanner on a regular basis.

Cleaning the Scanner Glass Surfaces

1. To open the scanner cover, hold the two sides of the scanner cover and pull them up firmly.



2. When the scanner cover is opened, you can find two scanner glass surfaces locating at the bottom of the scanner and the inner side of the scanner cover. Use a soft, non-abrasive and lint-free cloth to gently wipe the glass surface areas.

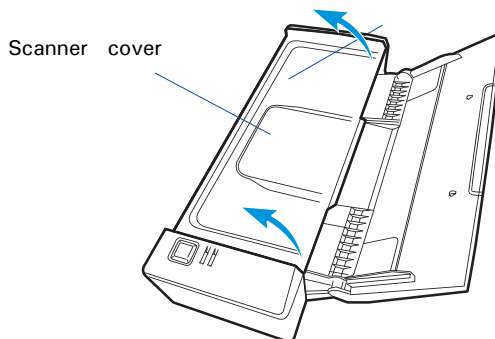


Note: Do not use any detergents, synthetic cleaning solutions, cleaning naphtha, or other solvents to clean the glass surface directly. To remove stains, use cotton swabs moistened with rubbing alcohol.

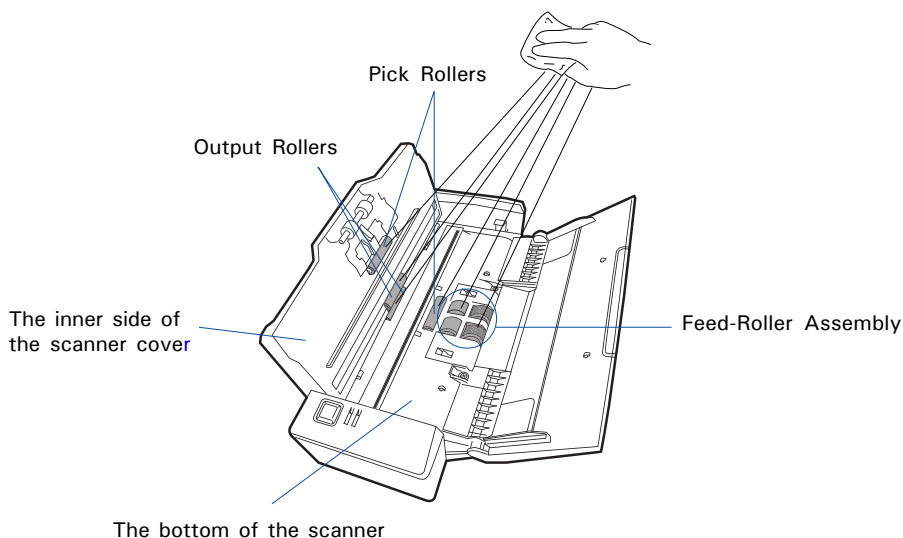
Cleaning the Rollers

Prolonged use of the scanner may result in accumulation of ink and other residue on the feeder's rollers, affecting their efficiency. Clean the rollers periodically to maintain performance.

1. Hold the two sides of the scanner cover and pull up them firmly to open the scanner cover.



2. When the scanner cover is opened, you can find several groups of rollers locating at the bottom of the scanner and the inner side of the scanner cover. Then, clean the rollers with a lint-free cloth or a swab moistened with alcohol or ECO cleaner, as shown in the graphic below.



Note: Do not attempt to spin or rotate the rollers while cleaning, for it may damage the drive train mechanism of the scanner.

Maintenance

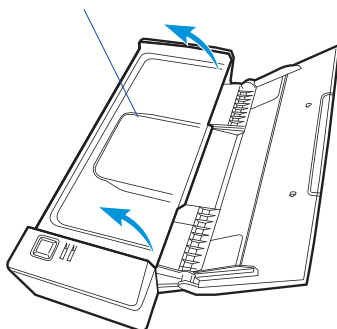
The Separation Roller Assembly and the Feed Roller Assembly in your scanner are designed to make document feeding smooth. After usage for a period of time, the Separation Roller Assembly and Feed Roller Assembly may become worn, and a problem such as document double-feed may occur. In this case, check either the Separation Roller Assembly or the Feed Roller Assembly, and replace them if needed. Follow the procedure below for replacement of the Separation Roller Assembly and Feed Roller Assembly.



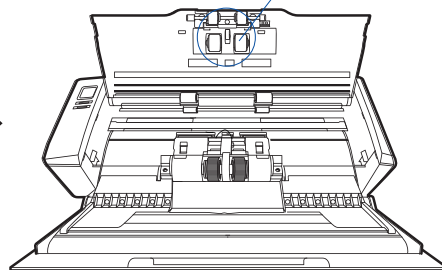
Replacing the Separation Roller Assembly

1. Open the scanner cover. Locate the Separation Roller Assembly at the top of the inner side of the scanner cover.

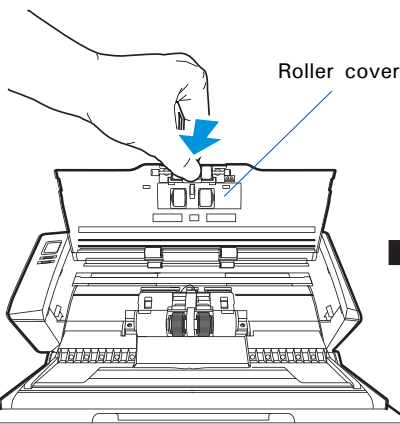
Scanner cover



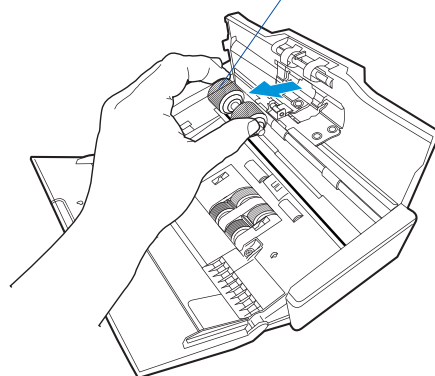
Separation roller assembly



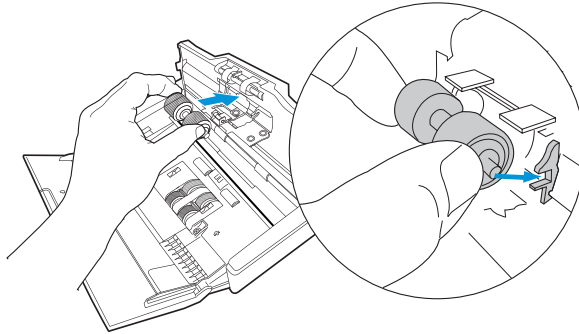
2. Push down and then pull the cover lever to open the roller cover first. Hold both sides of the rollers to pull out the Separation Roller Assembly from its compartment.



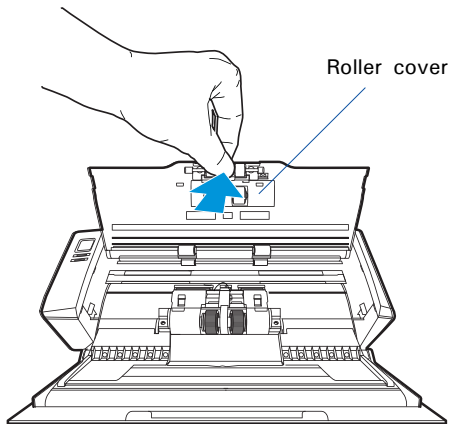
Separation Roller Assembly



3. To insert the new Separation Roller Assembly into its compartment, insert the axles on both sides of the rollers into the slots on both sides of the compartment.

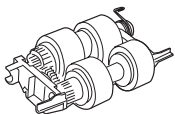


4. Close the roller cover completely so that it clicks into place.



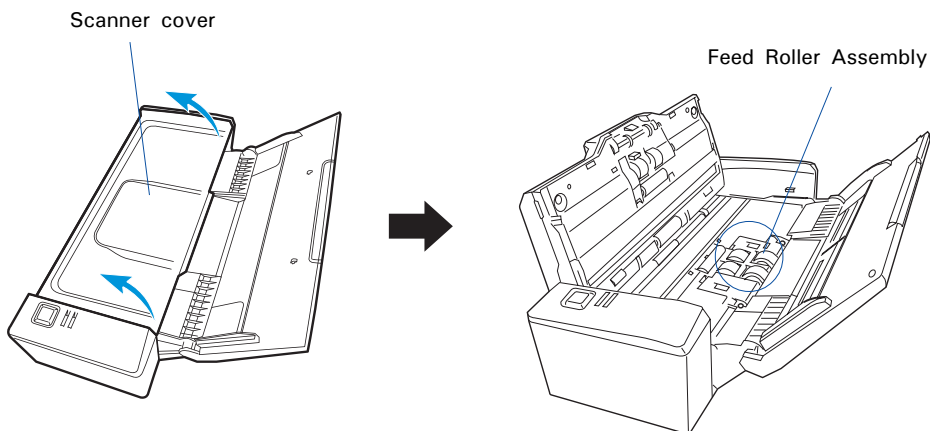
Note:

- The recommended replacement point for the Separation Roller Assembly is approximately 20,000 sheets.
- Please contact your local resellers for purchasing new Separation Roller Assembly.

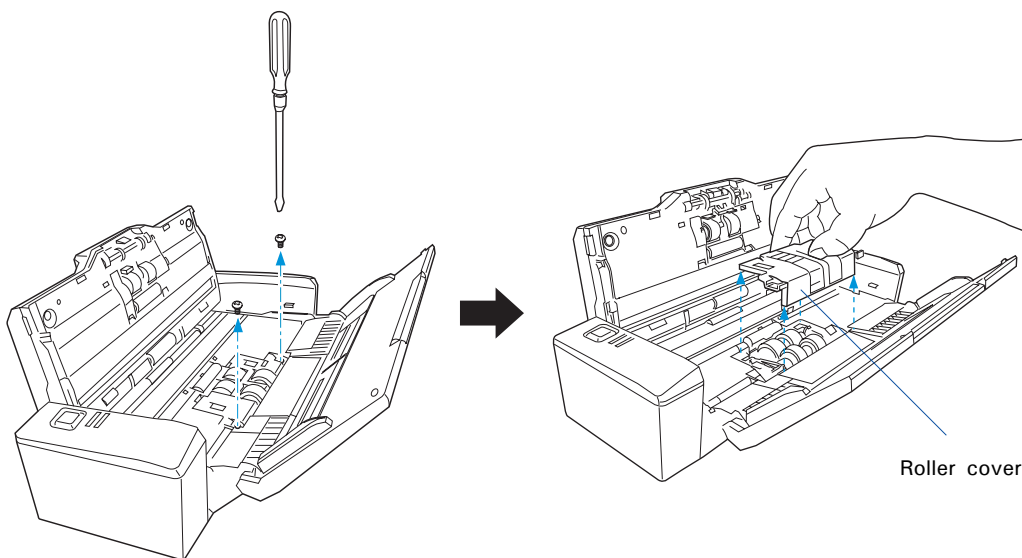


Replacing the Feed Roller Assembly

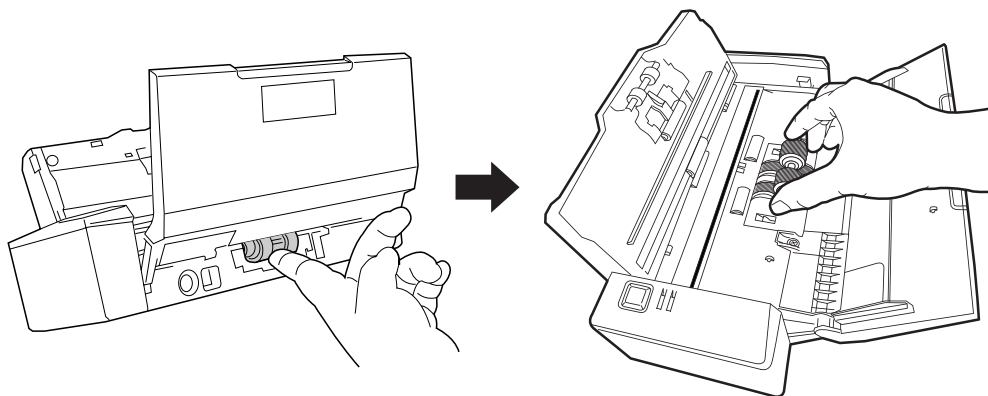
1. Open the scanner cover. Locate the Feed Roller Assembly at the bottom of the scanner.



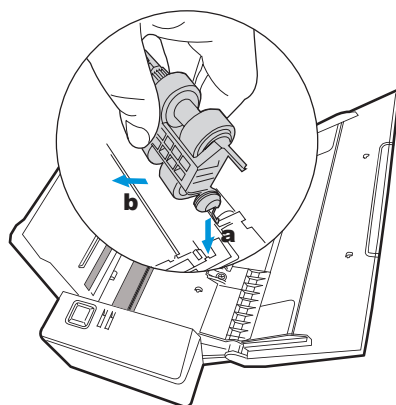
2. Loosen the screws on the roller cover with a screwdriver. Then hold the roller cover and pull it out carefully.



3. Tilt the scanner slightly on its back side to locate the Feed Roller Assembly. Push it up a bit at the bottom and then hold the both sides of it to pull it out carefully from its compartment.



4. Insert the new Feed Roller Assembly into its compartment;
 - a) snaps the notches on the two sides of the Feed Roller Assembly onto the shafts on the two sides of the compartment.
 - b) Finally, push down the Feed Roller Assembly flat into its compartment.



5. Put the roller cover back and tighten the screws to lock the roller cover at the bottom of the scanner.

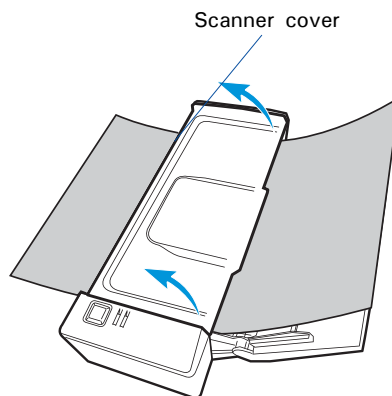
Note:

- The recommended replacement point for your Feed Roller Assembly is after scanning approximately 30,000 sheets through the feeder.
- Please contact your local resellers for purchasing new Feed Roller Assembly.

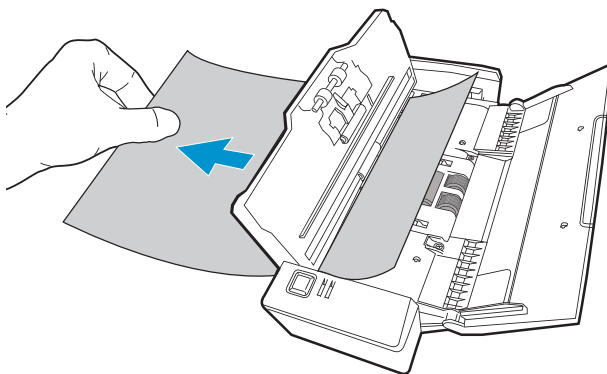
Appendix

Fixing Paper Jams

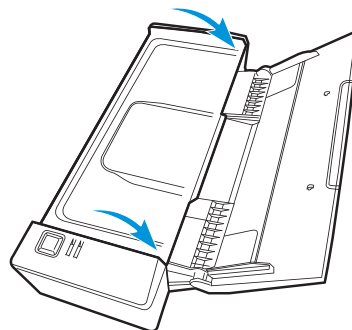
1. Hold the two sides of the scanner cover and pull up them firmly to open the scanner cover.



2. Remove the jammed paper by pulling out it in the ejecting direction.









3. Close the scanner cover. You would hear a click sound when the scanner cover returns to its original position.

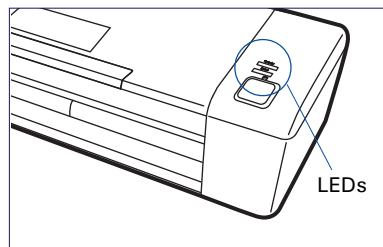


Note: Do not take out a jammed paper by force from the scanner when the scanner cover closes. If doing so, it may damage the rollers and cause the scanner work improperly.

Troubleshooting

The LEDs on the top panel of the scanner indicates the status of the scanner.

	Green On
	Ready to scan.
	All On
	Scanning errors happens.
	All Off
	Scanner is off.



First, make sure that you have followed Steps 1 to 3 as described in the “Initial Setup” section of this document (unpack, install, connect). Then if your problem is listed here, try the suggested solution.

- 1. No light comes on when the scanner is already supplied with power.**

Make sure your scanner is connected to your computer and plugged into a power source.

Make sure the Document Feed Tray is opened.
- 2. The Add/Remove Hardware Wizard appears on your screen.**

Click the “Cancel” button and close the ScanWizard DI Control Panel. Disconnect the Hi-Speed USB cable from the back of your computer, and refer to the installation instructions in this document.
- 3. When trying to scan, an error message appears on your screen that reads, “Can’t Find Scanners”.**

Make sure your scanner is connected to your computer and plugged in to a power source (see Step 3 in the “Initial Setup” section).

Uninstall and reinstall the ScanWizard DI software.
- 4. Ink stains or strips appear on the scanned images.**

Clean the glass surface areas with a soft, non-abrasive and lint-free cloth.

Clean the rollers with a lint-free cloth or a swab moistened with alcohol or ECO cleaner
- 5. After clicking scan, a blank screen appears.**

Uninstall and reinstall the ScanWizard DI software.
- 6. When trying to scan, an error message appears on your screen that reads, “ADF is not ready or no paper”.**

Make sure there are papers on the Document Feed Tray.

Make sure the top edges of papers have been inserted into the feeder.

7. The scanner cannot pick up papers into the feeder.

Make sure the sheets of papers loaded on the Document Feed Tray do not exceed the thickness limit. The thickness limit is 2 mm.

Check if the Separation Roller Assembly becomes worn and needs to be changed.

8. When trying to scan, an error message appears on your screen that reads, "Code -206, ADF paper jam or roller failure."

Click OK first; then open the scanner cover, as illustrated in the previous section "Fixing Paper Jams".

- If the problem is occurring from a paper jam, follow the procedures laid out in the "Fixing Paper Jams" section.
- If the problem is occurring from situations other than a paper jam, follow the procedures laid out in the "Position Documents" section.

Finally, close the scanner cover and restart scanning.

Specifications

Model Type	MRS-600ADF																					
Type	Sheet-fed color document scanner																					
Scanning Modes	Color, grayscale, and black-and-white in a single scanning pass Input: 48-bit color/16-bit grayscale/1-bit B&W Output: 24-bit color/8-bit grayscale/1-bit B&W																					
Optical Resolution	600 x 600 dpi																					
Scanning Sensor	CIS																					
Light Source	LED (Light Emitting Diode)																					
Scanning Speed	Simplex: 20 ppm, at 200 dpi, A4/line art 20 ppm, at 200 dpi, A4/grayscale 15 ppm, at 200 dpi, A4/color Duplex: 40 ipm, at 200 dpi, A4/line art 40 ipm, at 200 dpi, A4/grayscale 30 ipm, at 200 dpi, A4/color																					
Scanning Area	8.5" x 65" (216 mm x 1651 mm)																					
Feeder Capacity	Up to 20 sheets of 20 lb. paper or 1 piece of card																					
Paper Weight	10.7 to 32 lbs. (40-120 g/m ²)																					
Paper Size	Min: 3.15" x 2.1" (80 mm x 52 mm) Max: 8.5" x 65" (216 mm x 1651 mm)																					
Card Thickness	Up to 0.078" (2 mm)																					
Separation Roller Assembly Life	20,000 scans																					
Feed Roller Assembly Life	30,000 scans																					
Interface	Hi-Speed USB 2.0																					
Dimensions (L x W x H)	11.29" x 4.33" x 2.71" (287 mm x 110 mm x 69 mm)																					
Weight	2.64 lbs. (1.2 kg.)																					
Voltage	AC100V-240V, 50-60 Hz, 0.5A max. (Input) DC 12V, 1.5A (Output)																					
Power consumption	15 W max.																					
Power supply (AC/DC adapter)	<table> <thead> <tr> <th>Voltage</th> <th>MFR</th> <th>Model No.</th> </tr> </thead> <tbody> <tr> <td>100V to 240V</td> <td>APD</td> <td>WA-18G12U (US/TWN)</td> </tr> <tr> <td>100V to 240V</td> <td>APD</td> <td>WA-18G12G (EU)</td> </tr> <tr> <td>100V to 240V</td> <td>APD</td> <td>WA-18G12K (UK)</td> </tr> <tr> <td>100V to 240V</td> <td>APD</td> <td>WA-18G12N (AU)</td> </tr> <tr> <td>100V to 240V</td> <td>APD</td> <td>WA-18G12S (Korea)</td> </tr> <tr> <td>100V to 240V</td> <td>APD</td> <td>WA-18H12</td> </tr> </tbody> </table>	Voltage	MFR	Model No.	100V to 240V	APD	WA-18G12U (US/TWN)	100V to 240V	APD	WA-18G12G (EU)	100V to 240V	APD	WA-18G12K (UK)	100V to 240V	APD	WA-18G12N (AU)	100V to 240V	APD	WA-18G12S (Korea)	100V to 240V	APD	WA-18H12
Voltage	MFR	Model No.																				
100V to 240V	APD	WA-18G12U (US/TWN)																				
100V to 240V	APD	WA-18G12G (EU)																				
100V to 240V	APD	WA-18G12K (UK)																				
100V to 240V	APD	WA-18G12N (AU)																				
100V to 240V	APD	WA-18G12S (Korea)																				
100V to 240V	APD	WA-18H12																				
Environment	Operating temperature: 50° to 95°F (10° to 35°C) Relative humidity: 10% to 80%																					