



# Document Imaging Scanner

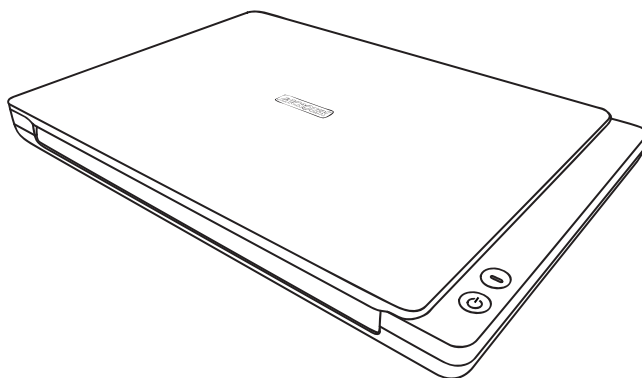
**XT5830 HS**

**XT5820 HS**

**XT5810 HS**

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**User's Manual**



# Preface

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## 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.

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## FCC Compliance Statement

This equipment (Model: MRS-1200A3LED) 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.

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# Knowing about Your Scanner

The scanner (XT5830 HS/XT5820 HS/XT5810 HS) is an A3 high-speed document scanner. With 1200 dpi optical resolution, warm-up free LED light source and a Hi-Speed USB interface, it can meet the needs and requirements of office, home and SOHO users easily.

## Features of Your Scanner

The scanner comes with several important features, including the following:

- **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.
- **High speed scanning** — The scanner maximizes your productivity by its fast scanning speed, which is only few seconds for color scans at 200/300 dpi.
- **One fast scan button** — One fast-access button on the scanner panel provides you a quick and easy way to launch a scanning function. All you need to do is simply press a button and the corresponding scanning function can be carried out.
- **New and Advanced Microtek ScanWizard DI software** — ScanWizard DI offers a host of features and image adjustment controls for scanning. Its distinctive features include:
  - **Smart Threshold** — This feature enables the software to specify the best level for a threshold used in high-contrast and black-and-white images automatically, improving the clearance and readability of black-and-white documents.
  - **Combine Images** — This feature enables the software to merge two separate images as one united image. With this function, you do not need other after-scan editing program to modify your scanned documents.
  - **Text Orientation Recognition** — With this feature, the scanner automatically rotates every saved files in a readable direction based on a specific OCR language selected.
  - **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 color. This function works for most common hole puncher standards.
- 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.

## Installation Requirements

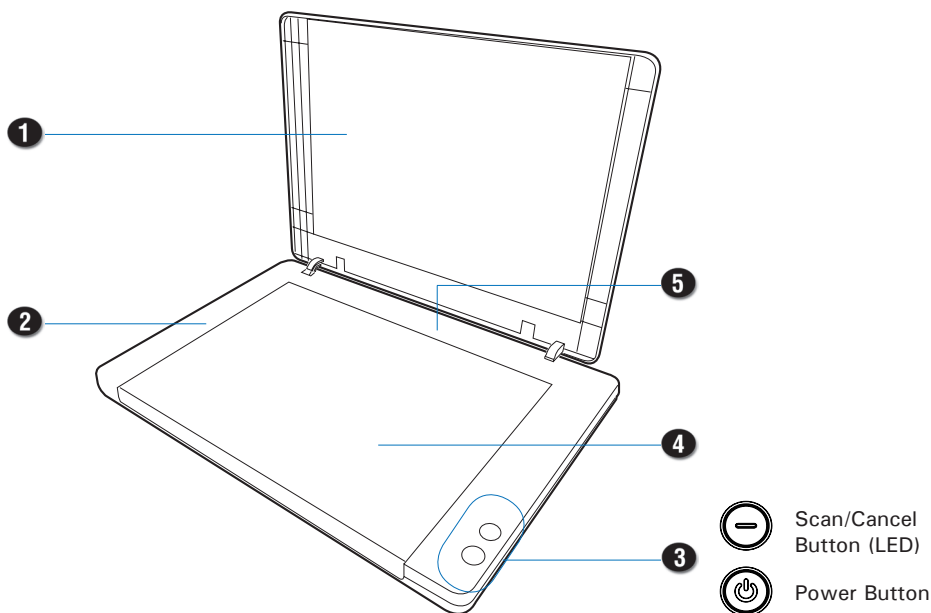
In order to use your scanner, your computer must satisfy the following system requirements:

- CD-ROM/DVD-ROM drive (for installing software)
- Color display with 24-bit color output capability
- 1 GB RAM or more)
- Intel Core2 Duo Processor at 1.8 GHz PC or higher with Hi-Speed USB (USB 2.0) port
- Microsoft Windows XP / 7 / 8



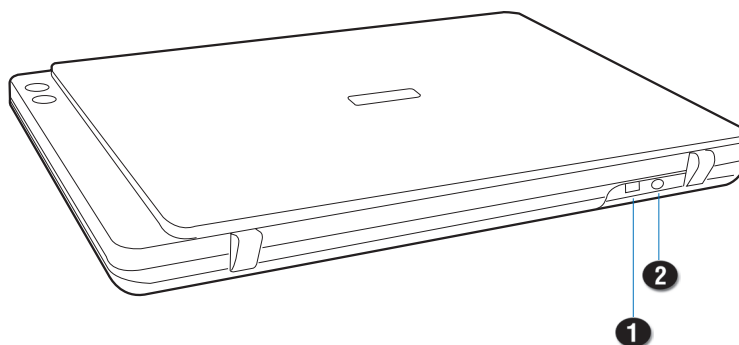
## Taking a Closer Look

### Front/Open View



No.	Names of Parts	Functions of Parts
1	Scanner Lid	Top cover of the scanner.
2	Vertical Ruler	Used to measure the length of a scanned document.
3	Button Panel <ul style="list-style-type: none"> <li>• Power Button</li> <li>• Scan/Cancel Button (LED)</li> </ul>	Turns the scanner on or off. Starts scan immediately or cancel an ongoing scan job. (Activates the function associated with the Scanner button (F1) that was defined in the Scanner Button Settings interface.)
4	Glass Surface	The scan bed for placing the document to be scanned.
5	Horizontal Ruler	Used to measure the width of a scanned document.

## Back View



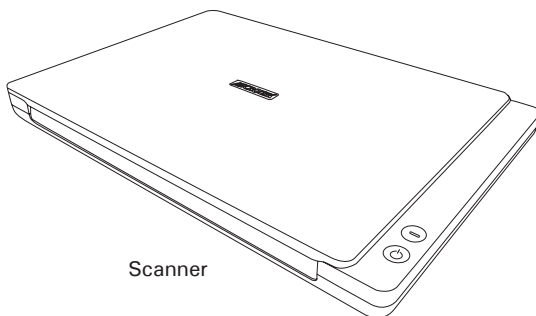
No.	Names of Parts	Functions of Parts
1	Hi-Speed USB Port	Connects the Hi-Speed USB (USB 2.0) cable to the computer.
2	Power Connector	Connects the scanner to the power adapter.

# Initial Setup

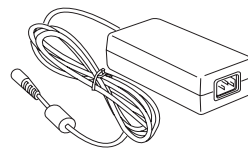
After unpacking your scanner package, follow the steps below for a quick and easy installation process.

## Step 1: Unpacking Package Contents

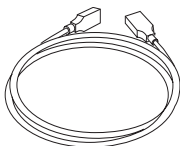
After unpacking your scanner package, please check for the major components listed below.



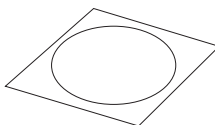
Scanner



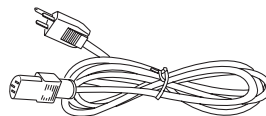
Power Adapter



Hi-Speed USB Cable



Software CDs/DVDs



Power Cord

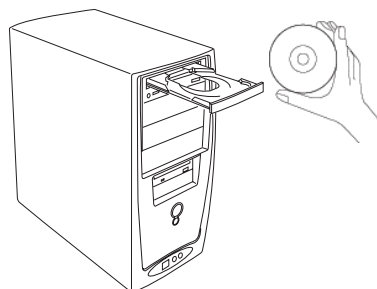
## Step 2: Installing the Software

**Important:** You must install 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-ROM (or DVD-ROM) icon; then cdsetup.exe to start the installer program.

4. Click EXIT on the Microtek Software Installer screen when all the software has been installed.
5. Restart your computer.



## Drivers & Software Upgrades

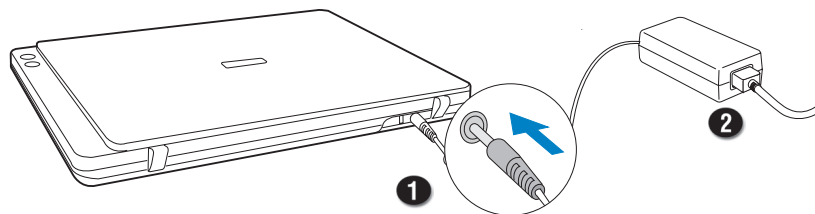
After you finish the installation of software, if you found that the installed drivers and software cannot run your product or your computer system properly later, please go to the Microtek Download Service site at [www7.microtek.com.tw/service.php](http://www7.microtek.com.tw/service.php) to download and install any updates you may require.

For additional information about Microtek products, please visit our website at [www.microtek.com](http://www.microtek.com).

## Step 3: Connecting the Scanner

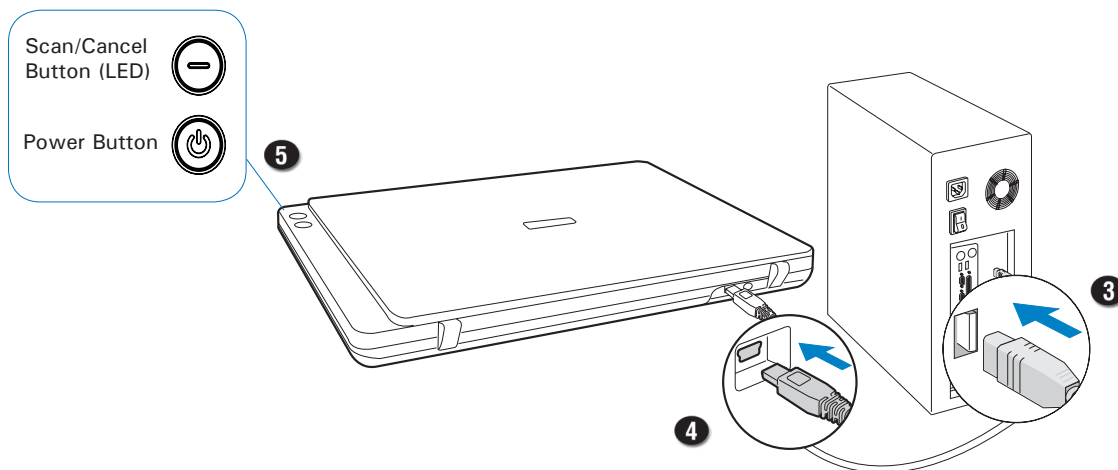
### To the Power Adapter

1. Connect the power adapter to the back of the scanner.
2. Plug one end of the power cord into the power adapter, and plug the other end of the power cord 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. Press and hold the Power button (⏻) until the Green LED at the Scan/Cancel button lights on. At the same time, the system will detect the scanner automatically.



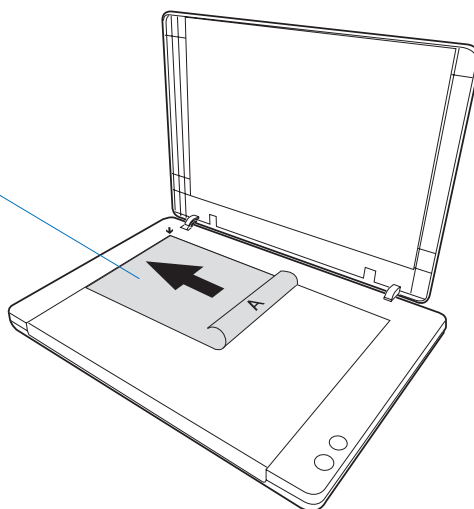
# Positioning Documents

This section shows you how to position a single-sheet document, such as contact sheets, large pieces of art mechanical blueprints and a thick book on the flatbed.

1. Raise the scanner lid.
2. Place the document to be scanned facing down on the glass surface of the scanner. Position the top end of the document toward the left side of the scanner, with its edge firmly aligned against the vertical ruler of the scanner (shown the graphic below).
3. Lower the scanner lid.

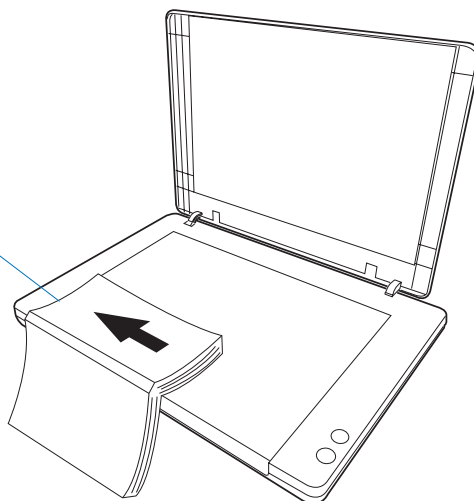
## To scan a single-sheet of document:

With the document facing down on the glass surface of the scanner, align the document along the vertical ruler, and set it to the Arrow mark (➡) at the upper left corner of the scanner's glass surface.



## To scan a book or thick documents:

You may lift up the scanner lid out from its hinge sockets. Then, align the inner margin of a book along the side of the glass surface of the scanner as indicated in the graphic.



# Scanning Scenarios

## Using ScanWizard DI

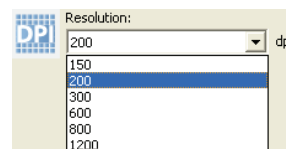
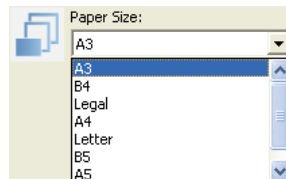
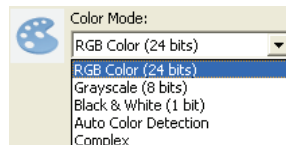
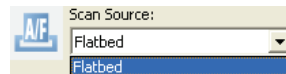
ScanWizard DI is a scanning software designed by Microtek for document scanning in color, black and white, and grayscale. Its user-friendly interface enables you to easily start the scanning process. Refer to the ScanWizard DI Reference Manual for more details.

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

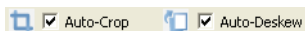
## Scanning Documents

1. Put the document to be scanned facing down on the scanner's glass surface.
2. Launch ScanWizard DI as a stand-alone program by clicking on the *ScanWizard DI* icon on the desktop.
3. Click the *Scan Setup* button in the interface to activate the Scan Setup interface.
4. In the Scan Setup interface, follow the steps below to specify your basic settings.

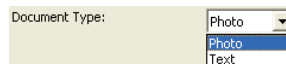
- a) Select *Flatbed* in the Scan Source as your image input device.
- b) Select the appropriate image type in the *Color Mode* as your image output type.
  - Select *RGB Color (24 bits)* to scan the image in color.
  - Select *Grayscale (8 bits)* to scan the image in grayscale.
  - Select *Black & White (1 bit)* to scan the image in black-and-white.
  - Select *Auto Color Detection* to scan the image in color or non-color based on the automatic judgement and detection of the system.
  - Select *Complex* to scan the image in color, grayscale or non-color based on the customized selections.
- c) Select a dimension in the *Paper Size* as your preview image size.
- d) Select a desired resolution in the *Resolution* for your image output resolution.



- 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.



5. Click the *Show Preview Window* and *Show Setting Window* tabs in the Scan Setup interface to display other interfaces which are helpful for your scanning processing.
6. Click the *Preview* button to perform a preliminary view of the entire image. When done, a preview image appears in the Preview window.
7. Go to the “General” panel by clicking the *General* tab in the Settings window. Specify the settings for your requirements there.
  - a) Select the image type in the *Document Type* as your input image type.
    - Select *Photo* to scan color prints.
    - Select *Text* to scan text.
  - b) If necessary, check “Remove Blank Page” and “Remove Punch Hole” to enhance the quality of the scanned images.
8. If necessary, go to the “Image Process” panel by clicking the *Image Process* tab in the Settings window. Use the image correction tools presented there to enhance the image quality according to your specific requirements.
9. Click the *OK* button to close the Scan Setup interface and return to the Main interface of ScanWizard DI.
10. In the Main interface, click the *File Format* menu button to select a file format for the scanned images.
11. In the Main interface, click the *File Name* menu button to specify a file naming method for the scanned images.
12. In the Main interface, select and click the *Normal Scan* button to start scanning.



When done, the scanned images will be automatically saved into the folder defined in the File Location menu box. At the same time, the scanned images will be displayed in thumbnail sizes in the Thumbnail View window and labeled with the file name and file format specified earlier.

13. Click the *Open Folder* button to locate the scanned images if you want to view.

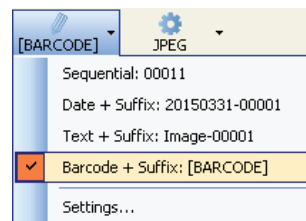


[illegible]

## Scanning Documents with Barcodes

This scanning scenario is useful for the documents to be filed with barcode numbers.

1. Put the document to be scanned facing down on the scanner's glass surface.
2. Launch ScanWizard DI as a stand-alone program by clicking on the *ScanWizard DI* icon on the desktop.
3. Click the *Scan Setup* button in the interface to activate the Scan Setup interface.
4. Follow the procedure (steps 4 through 8) for "Scanning Documents" section to specify your scanning requirements in the interface.
5. Click the *OK* button to close the Scan Setup interface and return to the Main interface of ScanWizard DI.
6. In the Main interface, click the *File Format* menu button to select a file format for the scanned images.
7. In the Main interface, click the *File Name* menu button and then select "Barcode + Suffix" from its drop-down menu for the scanned images.

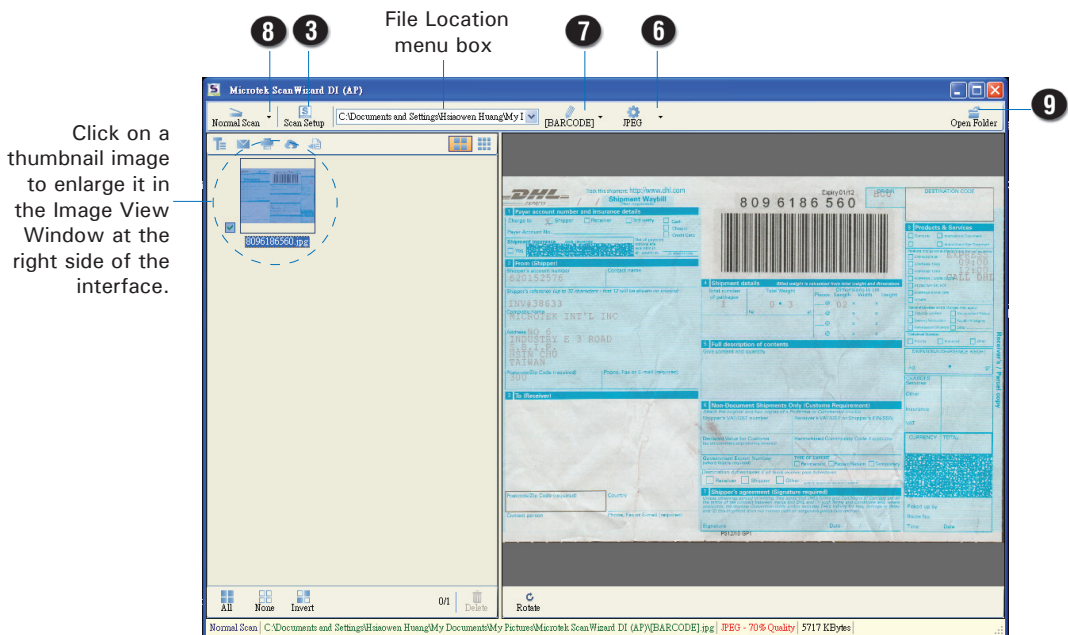


**NOTE:** If you want to know more about how to deal with documents with barcodes, refer to the ScanWizard DI Reference Manual in the Microtek Software CD/DVD.

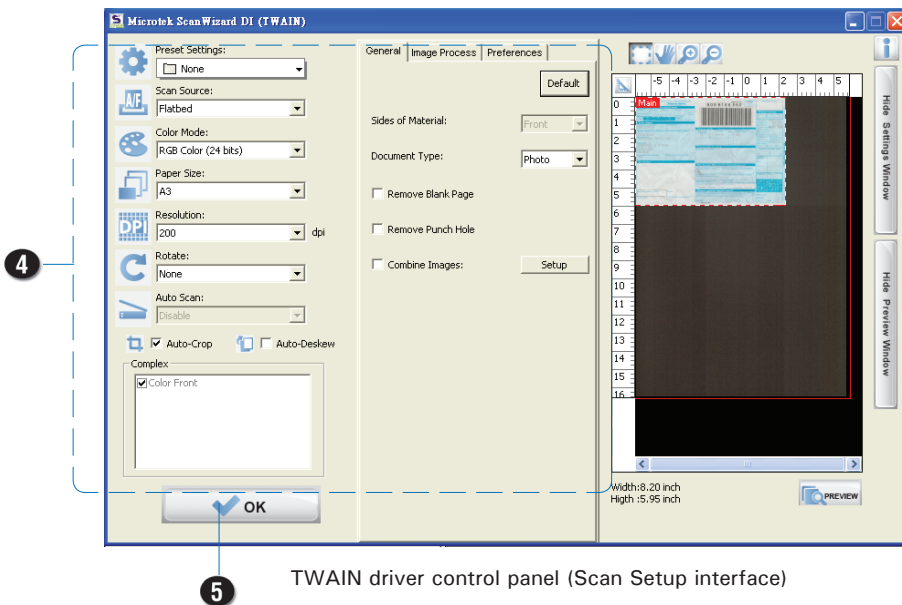
8. In the Main interface, select and click the *Normal Scan* button to start scanning.

When done, the scanned images will be automatically saved into the folder defined in the File Location menu box. At the same time, the scanned images will be displayed in thumbnail sizes in the Thumbnail View window and labeled with detected barcode values and chosen file format.

9. Click the *Open Folder* button to locate the scanned images if you want to view.



AP control panel (Main interface)



TWAIN driver control panel (Scan Setup interface)

## Scanning Documents from an Application

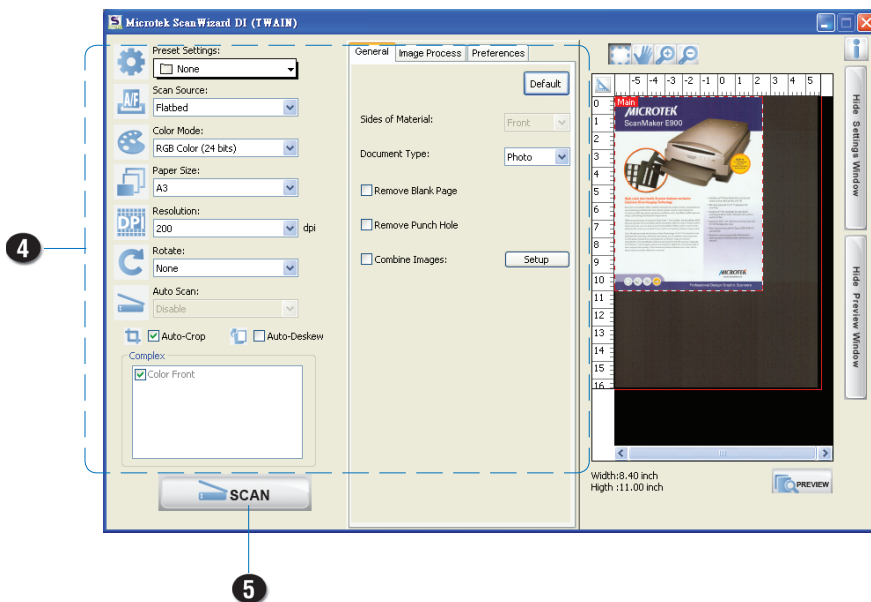
This scanning scenario guides users to scan documents from an application other than ScanWizard DI, such as Adobe PhotoShop.

1. Put the document to be scanned facing down on the scanner's glass surface.
2. Launch your application (e.g., Adobe PhotoShop).
3. Select the "Microtek ScanWizard DI (TWAIN)" driver in the Import options from the File menu.

When succeeded, the ScanWizard DI (TWAIN) driver interface appears on the screen.

4. In the interface, follow the procedure (steps 4 through 8) for "Scanning Documents" section to specify your scanning requirements.
5. When finished, click the *Scan* button to start scanning.

When done, the scanned images is then delivered to the Adobe PhotoShop and opened automatically, where the images can be saved, printed, or edited as you desired.



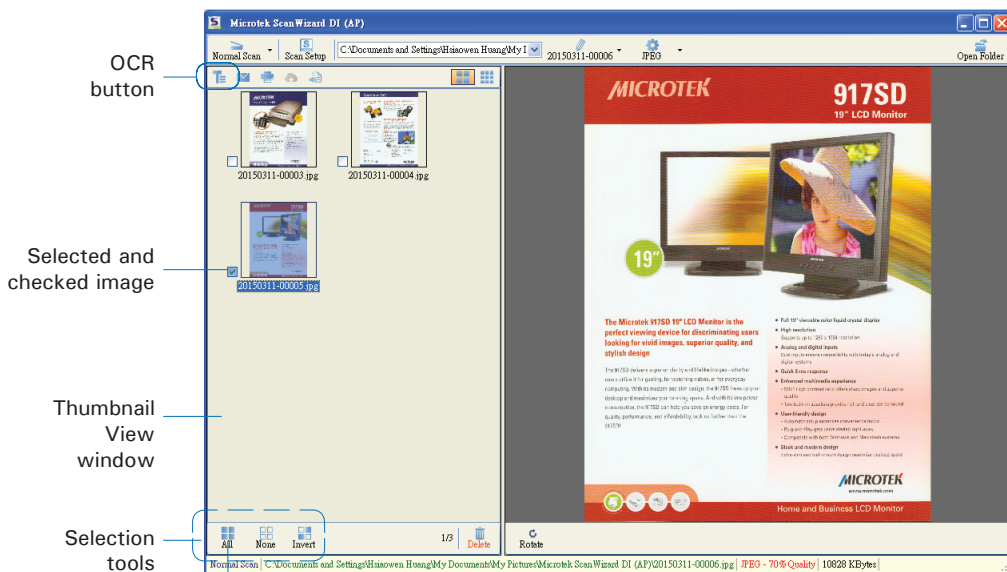
# Utilizing Scanned Documents

Depending on your needs, you may utilize your scanned and saved documents directly in the following ways.

## Scanning for OCR

The OCR (Optical Character Recognition) function allows to convert the scanned and saved images into text files that can be edited in any common word processing applications (e.g., Word, Excel, PowerPoint).

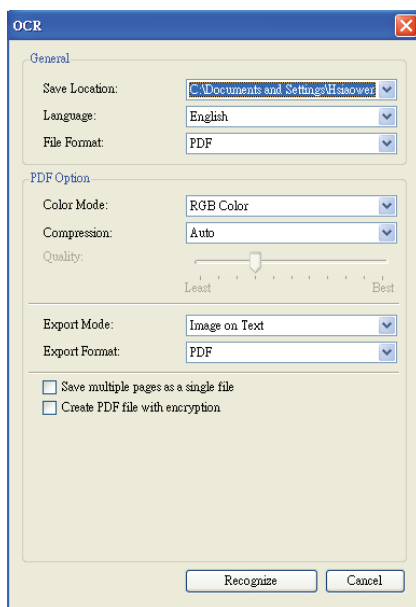
1. Check the box next to the images or use the selection tools (All and Invert) to select the image files you want to perform OCR in the Thumbnail View window.



If you like to select all images at one time, click the All button.

2. Click the *OCR* button in the Thumbnail View window to activate the OCR Settings window.

3. In the OCR Settings window, set up related requirements:



- **Save Location:** Specify a directory for saving the converted files.
- **Language:** Select a language in which the original text document is written. Supported options include most common used languages in the world.
- **File Format:** Select a file format for the converted files. Options include DOCX, PDF, PPTX, RTF, TXT, XLS, XLSX and XML.

When PDF is selected, the “PDF Option” section is enabled at bottom of the window.

**Color Mode:** This menu box lets you select a color mode for the converted PDF file. The available options are RGB Color, Grayscale, and Black & White.

**Compression:** This menu box lets you select a file format which supports file compression feature. The available options include Auto, JPEG, JPEG 2000, LZW and ZIP. If JPEG or JPEG 2000 is selected, the Quality control will be enabled in the window. Drag the slider to left or right to define a quality setting for the file.

**Export Mode:** This menu box lets you select a layout mode when exporting a file containing text and images. The available options include Image Only, Image on Text, Text on Image and Text Only.

Export Format: This menu box lets you select a type of PDF format.

Save multiple pages as a single file: If this option is checked, the system allows you to save the scanned image files to a single file when OCR is complete.

Create PDF file with encryption: If this option is checked, you are allowed to add a set of passwords for your PDF file to ensure the safety.

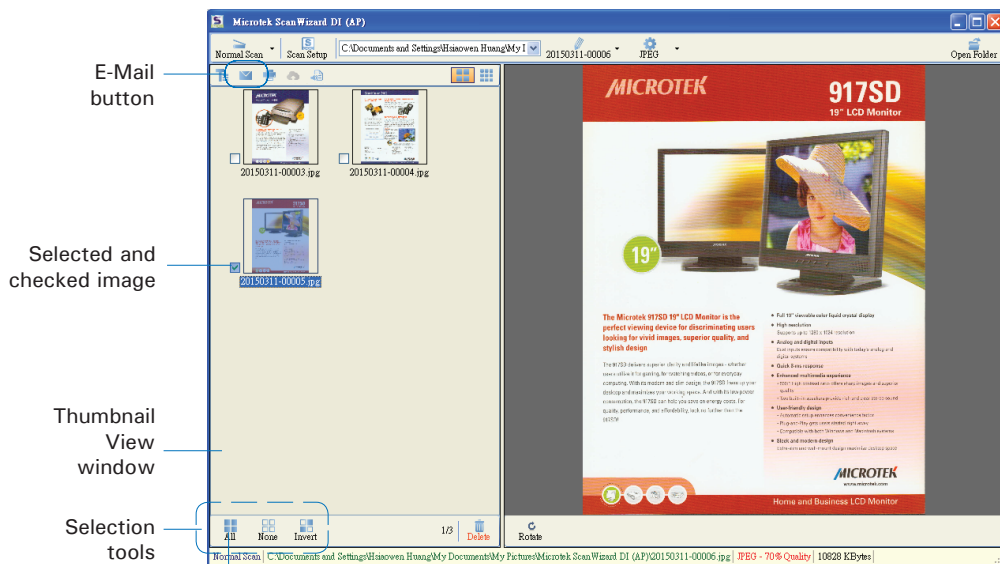
4. When done, click the Recognize button to perform OCR.

Once OCR is complete, the converted file is sent to your chosen folder.

## Scanning for E-mail

The e-mail function allows the scanner to save and send the scanned images to the default E-mail application assigned by the system. This lets you share your scanning results with others fast and easily.

1. Check the box next to the images or use the selection tools (All and Invert) to select the image files you want to send out by E-mail in the Thumbnail View window.



If you like to select all images at one time, click the All button.

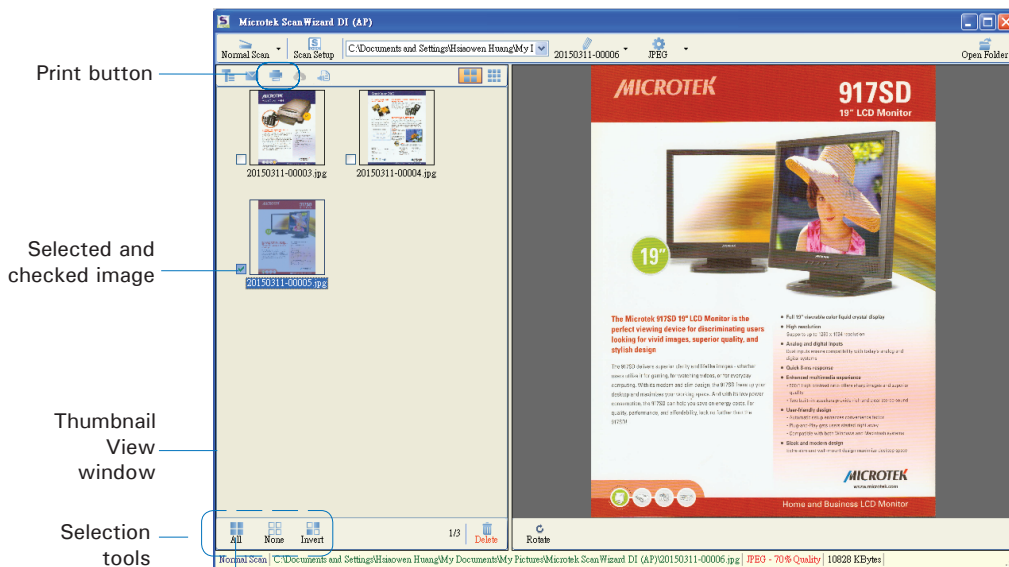
2. Click the *E-Mail* button in the Thumbnail View window to activate the default E-Mail application. Then, follow instructions of the E-Mail application you are using to send out the selected image files.



## Scanning for Copying

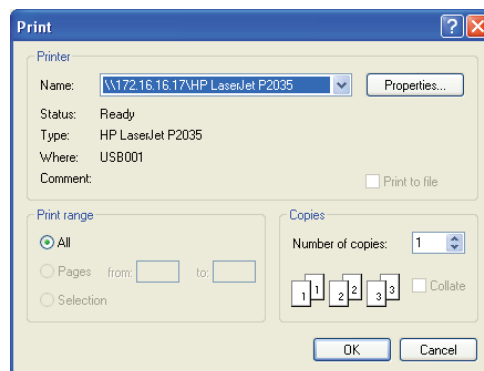
The Print function allows the scanner to work like a copier. Using together with your printer, documents can be printed successively without interruptions. This feature transforms your scanner and printer into a convenient copy station.

1. Check the box next to the images or use the selection tools (All and Invert) to select the image files you want to make a copy in the Thumbnail View window.



If you like to select all images at one time, click the All button.

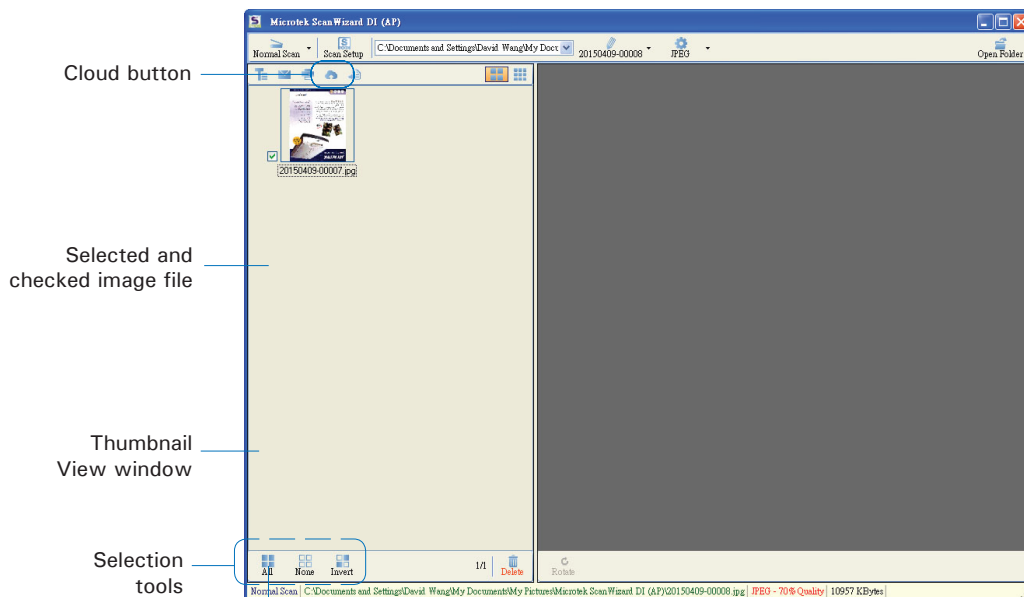
2. Click the *Print* button in the Thumbnail View window to activate the Print window.
3. Specify the number of copies to be made, then click OK.



## Scanning to Cloud

The Cloud function allows to save the scanned image files locally and also attach it to paste to the internet storage spaces assigned by the webside service providers. This lets you back up your scanning results in a safer way.

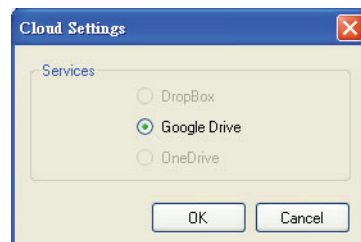
1. Check the box next to the images or use the selection tools (All and Invert) to select the image files you want to save and upload in the Thumbnail View window.



If you like to select all images at one time, click the All button.

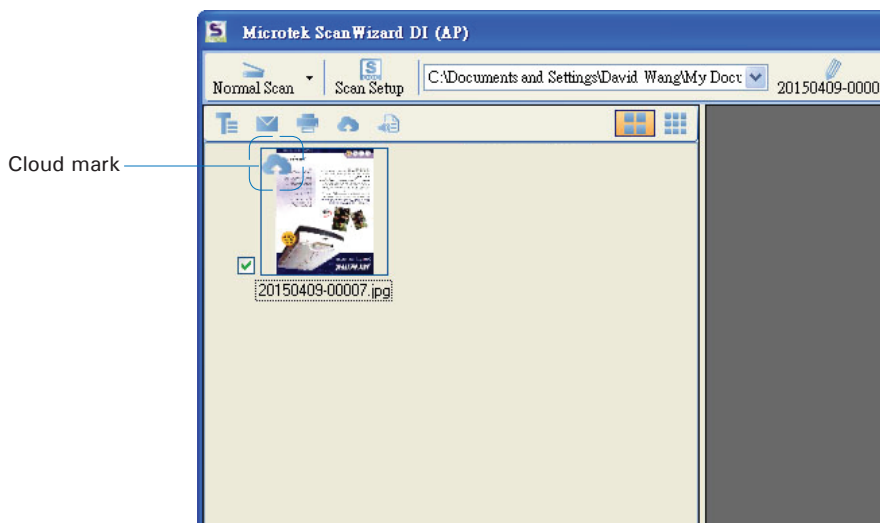
2. Click the Cloud button in the Thumbnail View window to activate the Cloud Settings window.
3. In the Cloud Settings window, select a cloud storage service to which you want to upload your scanned files.

Please note that only the cloud storage service supported by ScanWizard DI will be available and appearing in the window.



4. When done, click the OK button to start uploading of scanned files.

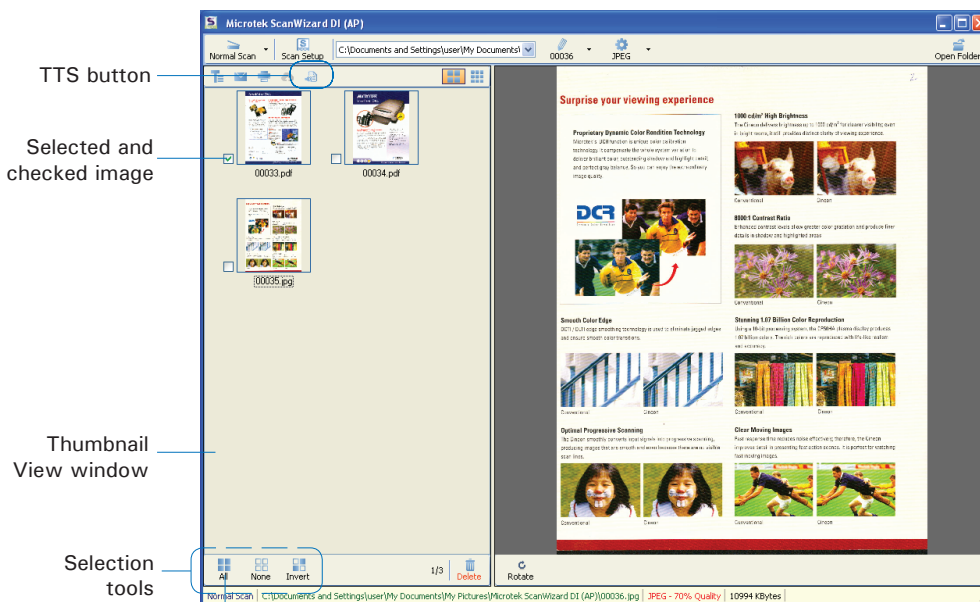
Once the uploading process is complete, there will be a “cloud” mark appearing at the left corner of the image in the Thumbnail View window.



## Scanning to Text-to-Speech (TTS)

The Text-to-Speech function allows to convert the scanned and saved images into text files that can be read out word by word by the system.

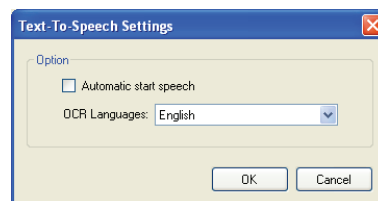
1. Check the box next to the image to select the image file you want to save and transfer as a TTS file in the Thumbnail View window.



If you like to select all images at one time, click the All button.

2. Click the Text-to-Speech (TTS) button in the Thumbnail View window to activate the TTS Settings window.
3. In the TTS Settings window:

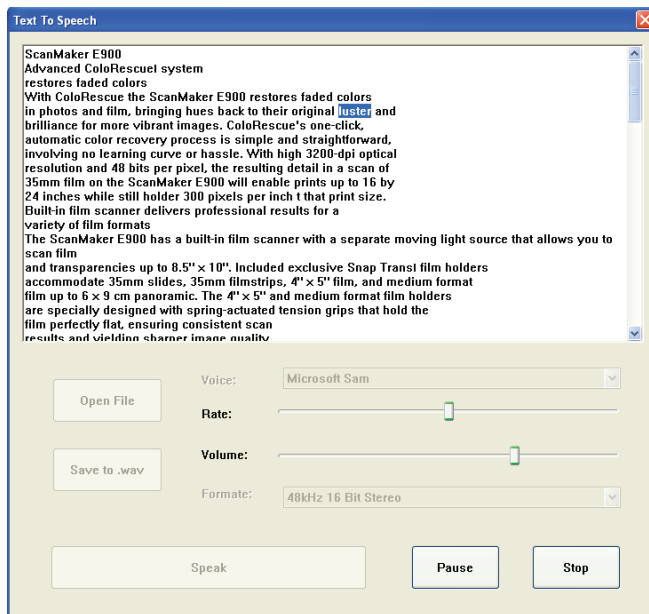
**Automatic start speech:** If this option is checked, the saved and converted file will be opened and read out word by word in orders automatically in the "Text to Speech" window. If this option is not checked, the saved and converted file will be opened and highlighted in the "Text to Speech" window.



**OCR Languages:** Select a language in which the original text document is written. Supported options include most common used languages in the world.

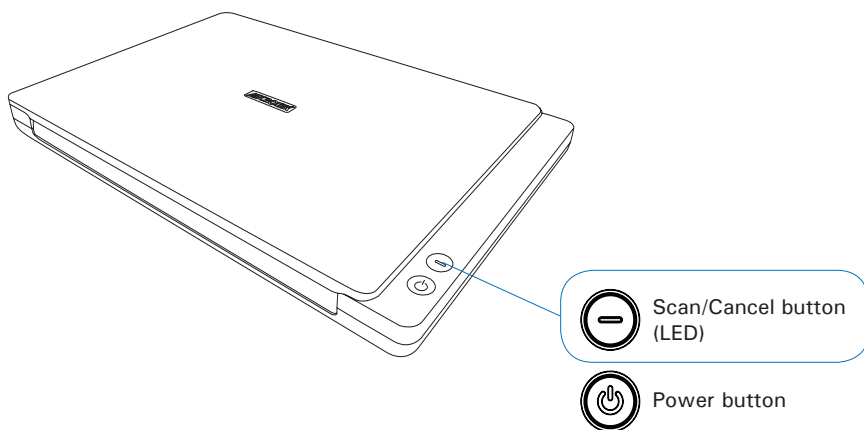
4. When done, click the OK button to perform TTS.

Once TTS is complete, The scanned and recognized file will be opened in "Text to Speech" window.



## Scanner Buttons

Your scanner is equipped with one physical button, Scan/Cancel, used to automate a number of customized and predefined operations, such as scanning to a file, sending an image to your printer or e-mail account, scanning for OCR, etc. Customizing is done through the Scanner Button Settings interface, as explained next.

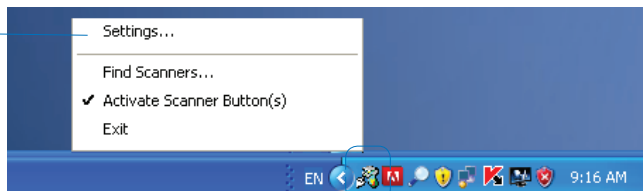


## Starting Up Scanner Button Settings Interface

Before setting up scanner function buttons, follow the steps below to enable the Scanner Button Settings interface.

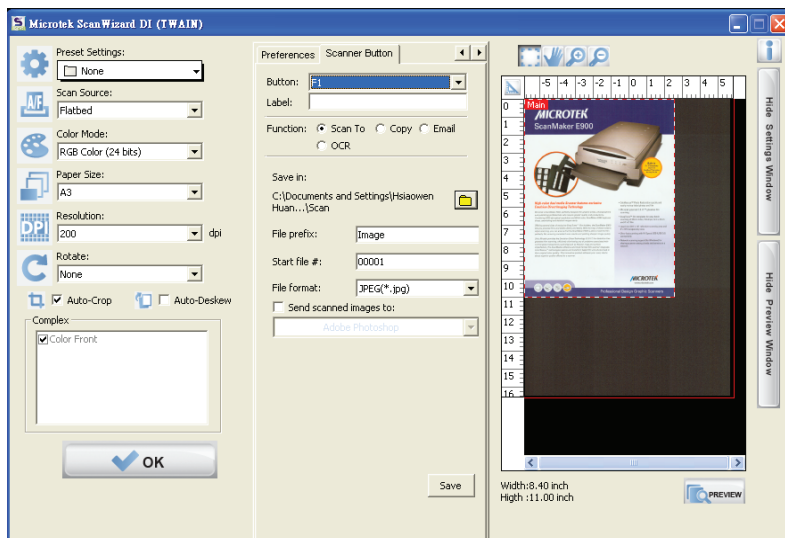
1. Look for the Scanner icon at the right corner of Toolbar on your Windows desktop.

Click Settings to enable the Scanner Button Settings interface



Scanner icon

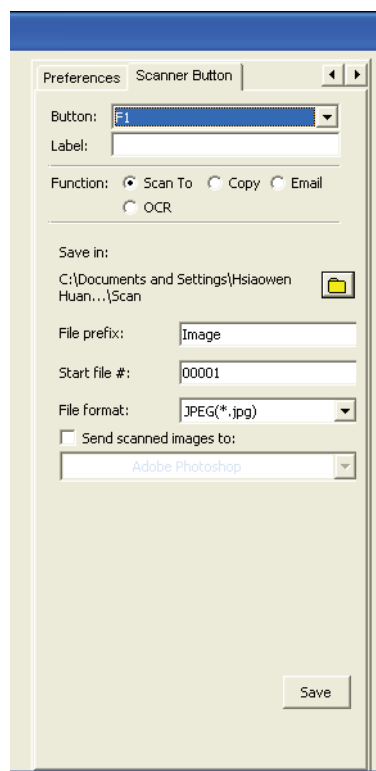
2. Move your mouse onto the Scanner icon and then click the right button of the mouse. A small window appears on the screen. Select "Settings..." to activate the Scanner Button Settings interface.



Scanner Button Settings Interface

## Customizing the Scanner Button

1. Launch ScanWizard DI.
2. Follow the procedures (steps 3 through 11) for the “Scanning Documents” section to specify your scanning requirements in the ScanWizard DI panel.
3. When you finish specifying the scanning settings, exit the ScanWizard DI. Follow the steps in “Starting Up the Scanner Button Settings Interface” to activate the Scanner Button Settings interface.
4. In the interface, specify your requirements for the button that you wish to define F1.
  - 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 four 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.
    - **Email:** Captures images that can be automatically saved as files or sent to the system default E-mail application.
    - **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 Save button. The parameters currently specified for your selected function button are saved. To define another custom function button if desired, follow steps 2 through 5 of this section.

**NOTE:**

1. When you have finished the settings for the function button in the interface, you have to exit interface before you perform the predefined scanning task by pressing the function button (Scan/Cancel button) on the scanner.
2. If ScanWizard DI is launched and the Main interface (AP control panel) is activated on the screen, the scanned image files will appear in the Thumbnail View window for your viewing after you perform the scanning task by pressing the function button (Scan/Cancel button) on the scanner.
3. There is only one set of operational parameters can be set and memorized for the function button (Scan/Cancel button) every time when you customize it through the Scanner Button Settings interface. You can use it as a hot key to store one set of operational parameters used most frequently.

## How the Scanner Button Works

When you finish customizing the button, follow the steps below to perform the scanning task by pressing the button (Scan/Cancel button) on the scanner. The scan will be performed in accordance with the designated button function using the parameters configured in the Scanner Button Settings interface.

1. Put the document to be scanned facing down on the scanner's glass surface.
2. Exit the Scanner Button Settings interface.
3. Press the Scan/Cancel button on your scanner to activate the function associated with the Scan/Cancel button easily.

Press the button again to cancel the ongoing scanning task if needed.

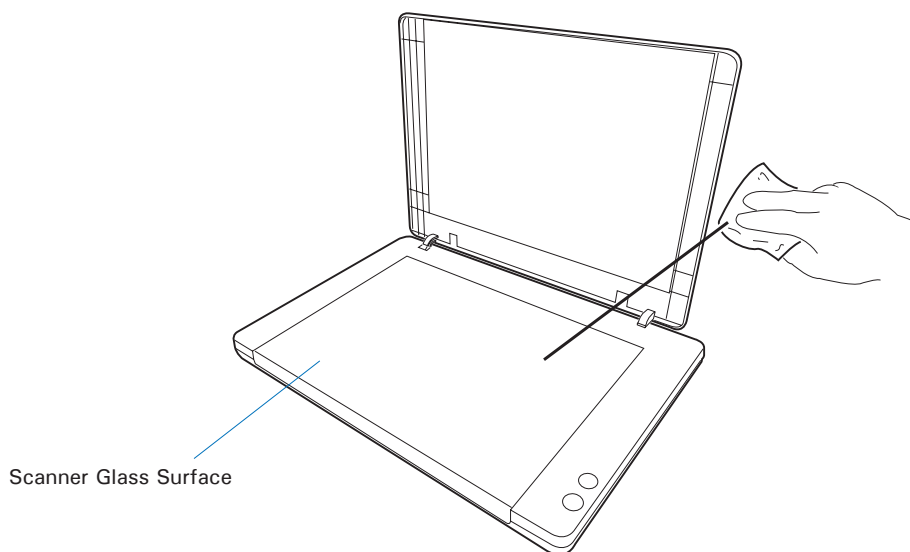
4. If necessary, specify new settings for the button. Follow the procedures (steps 1 through 5) for the "Customizing the Scanner Button" section to specify your new requirements for the button that you wish to redefine.

## Care and Cleaning

To ensure optimal performance from the scanner, it is important to clean the glass surface of the scanner on a regular basis.

### Cleaning the Scanner Glass Surface

1. Lift the scanner lid.
2. Then use a soft, non-abrasive and lint-free cloth to gently wipe the glass surface area on the scanner flatbed.

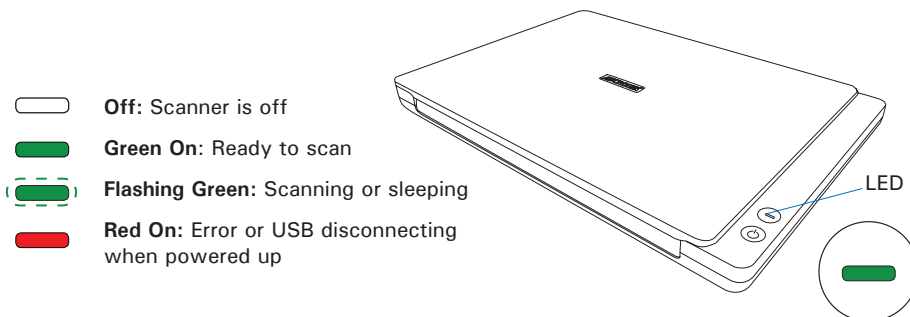


**NOTE:** Do not use any detergents, synthetic cleaning solutions, cleaning naphtha, or other solvents to clean the glass surface directly.

# Appendix

## Troubleshooting

The Multi-color LED on the button indicates the status of the scanner.



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 turned on.**

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

Make sure your scanner is detected by your computer.

**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. After clicking “Scan,” a blank screen appears.**

Uninstall and reinstall the ScanWizard DI software.

## Specifications

Type	Flatbed 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	1200 dpi		
Scanning Sensor	CIS		
Light Source	LED (Light Emitting Diode)		
Scanning Area	11.69" x 17" (297 mm x 431.8 mm)		
Scanning Speed	XT5830 HS: 3 sec @ 300 dpi, A3/Color XT5820 HS: 6 sec @ 300 dpi, A3/Color XT5810 HS: 9 sec @ 300 dpi, A3/Color		
Interface	Hi-Speed USB 2.0		
Dimensions (WxDxH)	21.85" x 15.16" x 2.09" (555 mm x 385 mm x 53 mm)		
Weight	8.4 lbs. (3.8 kg)		
Voltage	AC 100V to 240V, 50-60 Hz (Input) DC 24V, 2.0A (Output)		
Power Supply (AC/DC adapter)	<u>Voltage</u>	<u>Manufacturer</u>	<u>Model No.</u>
	AC100V to 240V	APD	DA-48M24
Environment	Operating temperature: 41° to 104°F (5° to 40°C) Relative humidity: 20% to 85%		

### Important:

Specifications, software bundles, and accessories are subject to change without notice.  
Not responsible for typographic errors.