

Supplement

ScanMaker i800 Plus features, scenarios, and information



Getting to Know Your ScanMaker i800 Plus

The ScanMaker i800 Plus is a high-resolution, high-performance scanner for reflective and transparency scanning. It features 4800 x 9600 dpi, 48-bit color, legal-size scan bed (8.5" x 14"), a Hi-Speed USB interface, and eight Smart-Touch buttons (including a convenient Power button and a Sleep button) on the front panel to automate scanner functions. The built-in Transparent Media Adapter, together with Microtek's EZ-Lock™ Film Holders, let you scan film and transparencies up to 8" x 12" in size. The ScanMaker i800 Plus also offers the exclusive ColoRescue™ system for color restoration of photos and film.

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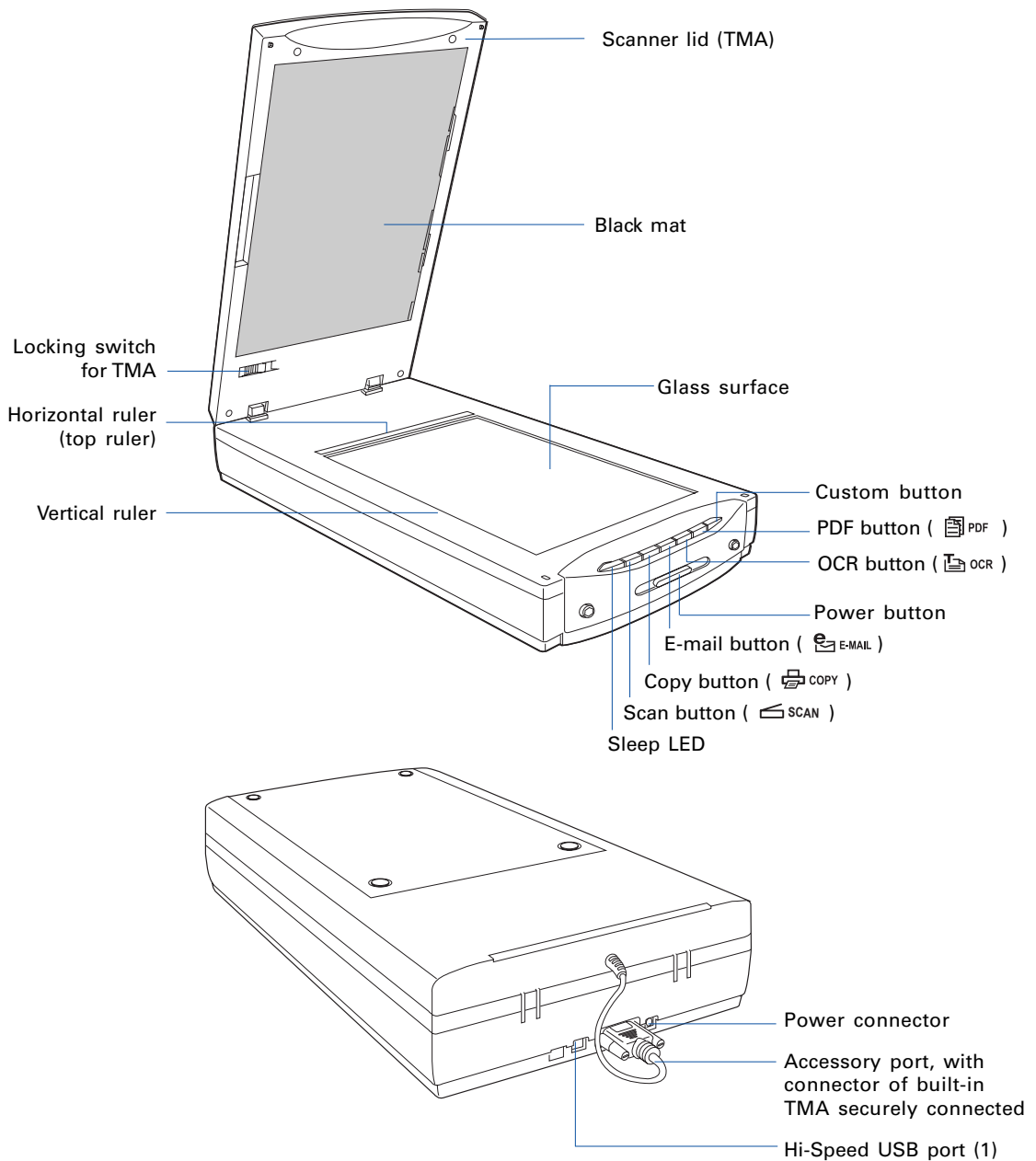
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Features of the ScanMaker i800 Plus

The ScanMaker i800 Plus comes with several important features, including the following:

- **4800 x 9600-dpi resolution:** The exceptionally high resolution of the ScanMaker i800 Plus lets you scan even postage-size images and enlarge them with amazing clarity, with little loss of detail. The scanner's 4.0 maximum optical density allows it to capture a wide range of tones approximating real-life color and hues.
- **Transparent Media Adapter (TMA):** With the TMA, the ScanMaker i800 Plus lets you scan a wide variety of slides, negatives, and transparencies, improving your productivity and saving you money in having to acquire additional film-scanning accessories.
- **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 boosts 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.
- **Microtek's ColoRescue™ system:** With ColoRescue, the ScanMaker i800 Plus restores faded colors in photos and film, bringing hues back to their original luster and brilliance for more vibrant images. ColoRescue's one-click, automatic color recovery process is simple and straightforward, involving no learning curve or hassle.
- **Six Smart-Touch buttons:** These buttons on the front panel of the scanner provide you with a quick and easy way to launch frequently used scanner functions. All it takes is one touch of a button — and you can launch the scanner button's corresponding function. The six Smart-Touch buttons include Scan, Copy, E-mail, OCR, PDF, and Custom.
- **Microtek ScanWizard EZ scanning software (PC):** ScanWizard EZ is developed exclusively for Microtek scanners used in a PC system. It has three unique scan modes, the EZ mode, Advanced mode and Professional mode that no matter novices and experienced users can find it productive and easy to use.
- **ScanPotter scanning software (Mac):** ScanPotter is a scanning software developed exclusively for Microtek scanners running on a Mac system. ScanPotter has a unique and clean interface that users will find productive and easy to use.

Taking a Closer Look

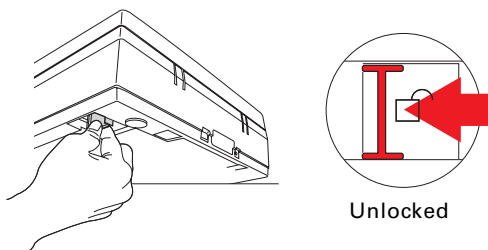


Unlocking the Scanner

Before you can operate the scanner, you will need to unlock the scanner and TMA.

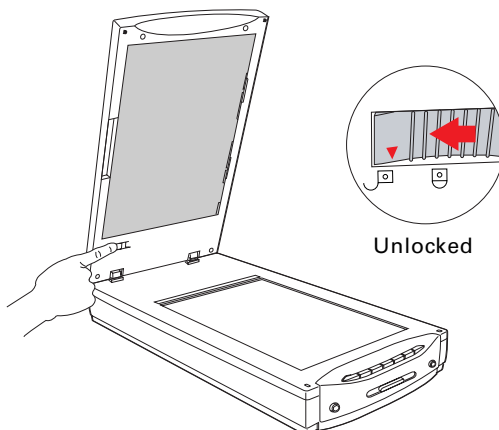
To unlock the scanner, follow the steps below:

1. Remove the yellow “Step 3” sticker from your scanner.
2. With the scanner power off, tilt the back left corner of the scanner to see the locking switch at the bottom.
3. Push the locking switch to the position as indicated in the graphic below, with the icon on the lock showing as “unlocked”.



To unlock the TMA, follow the steps below:

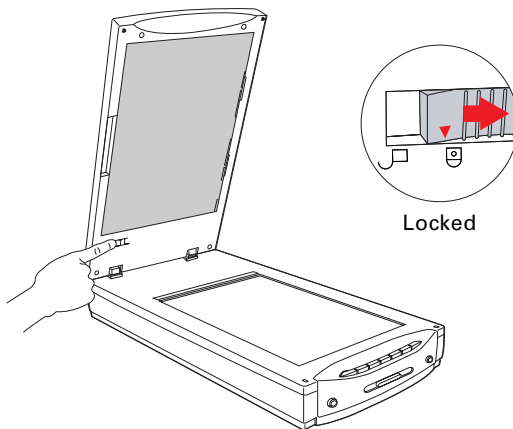
1. Raise the scanner lid (TMA), then remove the yellow “Step 3” sticker from the TMA.
2. Look for the locking switch at the base of the TMA.
3. Push the locking switch to the position as indicated in the graphic below, with the icon on the lock showing as “unlocked”.



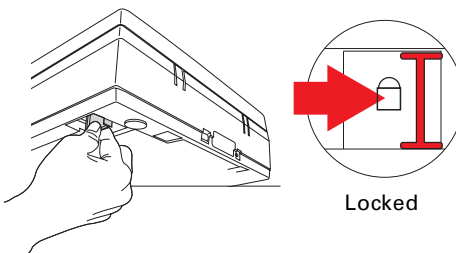
Shipping the Scanner

If you have to transport the scanner, you will need to lock the scanner and TMA back. Follow the steps below:

1. Turn off the scanner if your scanner is on.
2. Turn the scanner back on. The carriages of the scanner and TMA will move to the standby position in a few moments.
3. When the lights on the front panel of your scanner stop blinking, push the locking switch at the base of the TMA to the “Locked” position.




4. Push the locking switch at the bottom of the scanner to the “Locked” position.



5. Turn off your scanner. The scanner is now ready for transport.

How the Smart-Touch Scanner Buttons Work

The Smart-Touch buttons on the scanner simplify frequently performed tasks, such as scanning images or sending scanned images to a printer. By pressing any of the Smart-Touch buttons, you can activate the function associated with that button quickly and easily.

For each scanner button, the parameters governing the use of that button are defined or set through the Microtek Scanner Configuration (MSC) utility in your Windows system or through ScanPotter in your Mac OS X system. For instance, you can define how many copies are to be printed of your scan every time you hit the “Copy” button. To launch the MSC utility, exit ScanWizard EZ first, and then double-click the MSC icon () on your desktop.

Note: Make sure that you have exited ScanWizard EZ program before using scanner buttons when you are in Windows system; however, if you are using Mac OS X, you need to activate ScanPotter program before using scanner buttons.

The ScanMaker i800 Plus is equipped with 6 Smart-Touch buttons for easy access to frequently used scanner functions. To carry out a specific task, simply press the corresponding button on the scanner. The Smart-Touch buttons are:

1. **Scan:** Captures an image that can be automatically saved as a file or sent to another application for further processing.
2. **Copy:** Scans an 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. To use the **Copy** button to print a stack of documents:
 - Place the first page on the scanner glass surface.
 - Press the Copy button to scan an image to a file, then automatically output to your specified printer.
 - Load the next page and press the Copy button again. The scanner works in similar fashion to your printer, printing documents one after another with no interruptions.
3. **E-mail:** Scans an image and delivers it directly to your e-mail editor.
4. **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. **PDF:** Captures an image and automatically saves it as an Adobe Portable Document Format (PDF) file for immediate viewing with the Adobe Acrobat software.
6. **Custom:** Customizes the Custom button to perform four of the most commonly used functions, including:

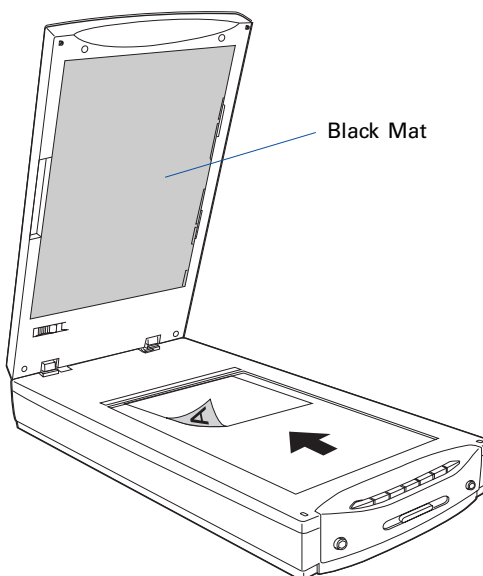
- **Power Saving:** Turns the scanner lamp ON or OFF to save power and lamp life.
- **Scan:** Defines another button to be a second “Scan” button. Use this if you need a second “Scan” button with different parameters from the first Scan button.
- **Fax:** Launches a fax driver installed on your computer.
- **Launch Application:** Defines an application to be launched.

Positioning Your Originals

Positioning Reflective Originals

To scan reflective originals such as photos and printed matter, use the Black Mat which comes preattached to the scanner lid (TMA).

1. Raise the scanner lid, and make sure the Black Mat is attached to the scanner lid.
2. Place the reflective original face down on the scanner glass surface. Position the top end of the photo towards the **back** of the scanner.
3. Lower the scanner lid.



Positioning Transparent Film

To scan transparent film, use the EZ-Lock Film Holders or Film Alignment Ruler included with your ScanMaker i800 Plus package. Use the EZ-Lock Film Holders to scan standard-size transparent film such as 35mm slides, 35mm filmstrips, 4" x 5" film, 6 x 4.5 cm, 6 x 6 cm, 6 x 7 cm, 6 x 9 cm, or 6 x 17 cm (120) film. Use the Film Alignment Ruler to scan non-standard-size transparent film such as 8" x 10" film.

The EZ-Lock Film Holders not only ensure precise alignment of film and consistent scans, but they perform automatic cropping during film scanning. To scan film, use the film holder that correctly matches the film type to be scanned.

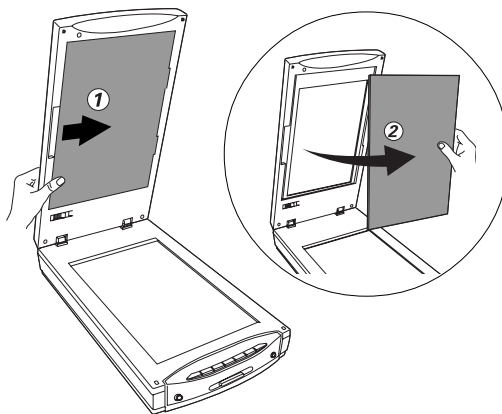
Before proceeding with film scanning, take note of the information presented in the two sections below.

Removing the Black Mat

The Black Mat is designed to work with scanning of reflective materials such as photos and printed matter. It is not designed to work with scanning of slides, negatives, and transparencies. During film scanning, the Black Mat should be removed to reveal the light source in the scanner for film.

To remove the Black Mat:

Raise the scanner lid, push the Black Mat to the side (1 in diagram) to remove it from the scanner lid (2 in diagram).



Notes on auto-cropping for film scanning

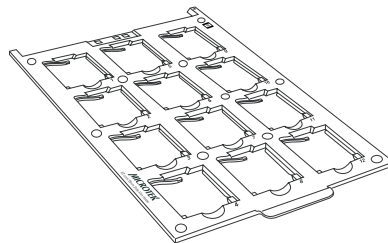
For the scanner to perform automatic cropping during scanning, the following conditions below should all be met:

- Your computer's operating system is either Windows or Mac OS X
- The EZ-Lock Film Holder is correctly aligned on the scan bed
- The scan material is positive or negative film, with the slide or filmstrip to be scanned is correctly loaded on the EZ-Lock Film Holder
- For Windows: In the Scan Job Queue window of ScanWizard EZ - Professional Mode, the "Multiple Auto-crop for EZ-Lock Film Holder" option is checked.

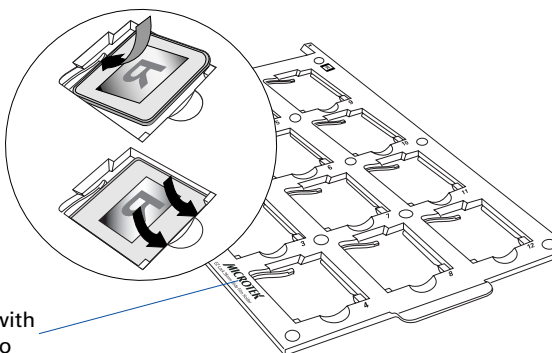
For Mac OS X: In the Scanner Settings control panel of ScanPotter, the "Automatic Detection" option in the Scan Frame drop-down menu is selected.

A. Using the EZ-Lock 35mm Slide Holder

To scan 35mm slides, use the EZ-Lock 35mm Slide Holder, which can hold up to 12 mounted 35mm slides at a time.



1. Place the 35mm slides to be scanned inside the individual frames of the EZ-Lock 35mm Slide Holder. The shiny base of the 35mm slide should be facing down, and the emulsion side of the slide should be facing up.

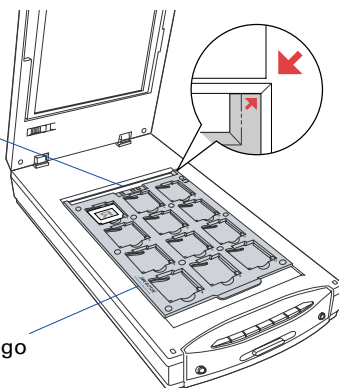


Orient the holder with the "Microtek" logo facing up

2. Raise the scanner lid, then place the EZ-Lock 35mm Slide Holder towards the back of the scanner, with the loaded film on the scanner glass surface.

Keep **calibration strip** on the glass surface clear and free of any obstruction

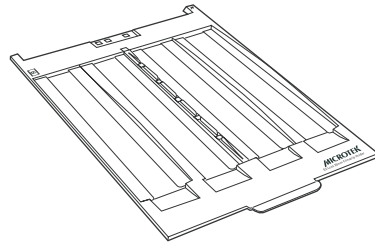
"Microtek" logo



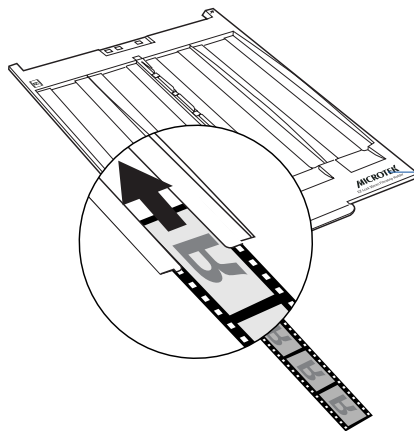
To make sure the auto multiframe cropping feature performs correctly, place the holder on the scan bed, correctly oriented and showing the side with the Microtek logo face up. Align the red arrows so that the holder's front edge is flush against the top ruler of the scanner.

B. Using the EZ-Lock 35mm Filmstrip Holder

To scan 35mm filmstrips, use the EZ-Lock 35mm Filmstrip Holder, which can simultaneously hold four strips of 6 frames each, or a total of 24 frames.



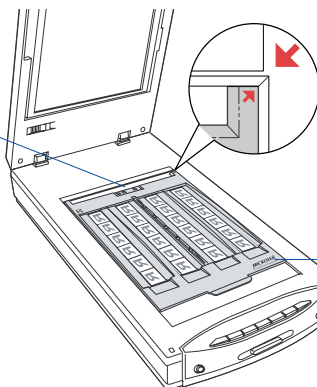
1. Place the 35mm filmstrip to be scanned inside the frame of the EZ-Lock 35mm Filmstrip Holder. The shiny base of the 35mm filmstrip should be facing down, and the emulsion side of the filmstrip should be facing up.



Orient the holder with the "Microtek" logo facing up

2. Raise the scanner lid, then place the EZ-Lock 35mm Filmstrip Holder towards the back of the scanner, with the loaded film on the scanner glass surface.

Keep **calibration strip** on the glass surface clear and free of any obstruction

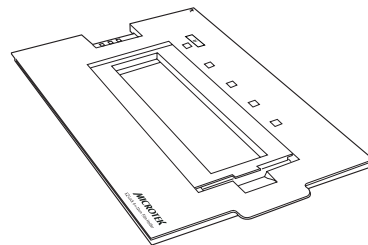


To make sure the auto multiframe cropping feature performs correctly, place the holder on the scan bed, correctly oriented and showing the side with the Microtek logo face up. Align the red arrows so that the holder's front edge is flush against the top ruler of the scanner.

"Microtek" logo

C. Using the EZ-Lock 6 x 22 cm (120) Film Holder

To scan 6 x 4.5 cm, 6 x 6 cm, 6 x 7 cm, 6 x 9 cm, and 6 x 17 cm film, use the EZ-Lock 6 x 22 cm (120) Film Holder, which can hold up to 4 pieces of 6 x 4.5 cm film, 2 pieces of 6 x 9 cm film, or a single piece of 6 x 17 cm film.

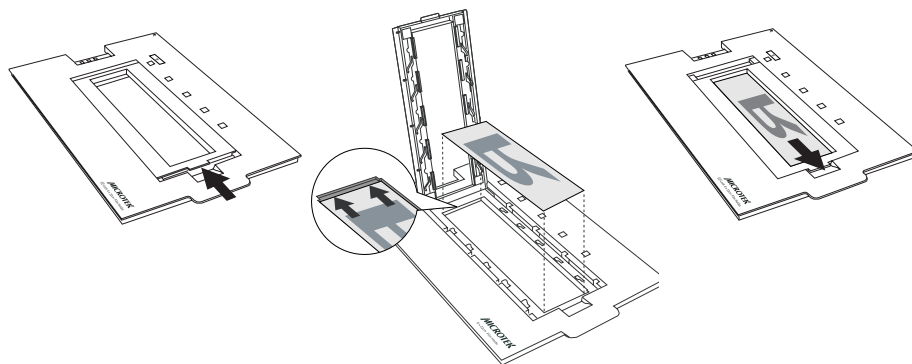


1. Place the 120 film to be scanned inside the EZ-Lock 6 x 22 cm (120) Film Holder, as indicated in the graphics below. The shiny base of the 120 film should be facing down, and the emulsion side of the filmstrip should be facing up.

a) Push on the side to open the lid.

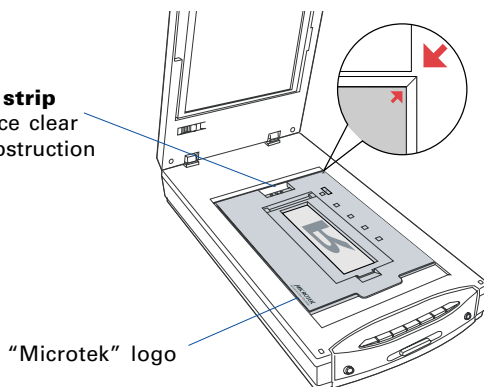
b) Place the film face down into the holder.

c) Pull down the side to close the lid.



2. Raise the scanner lid, then place the EZ-Lock 6 x 22 cm (120) Film Holder towards the back of the scanner, with the loaded film on the scanner glass surface.

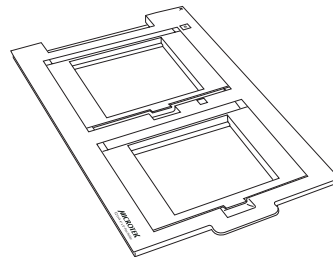
Keep **calibration strip** on the glass surface clear and free of any obstruction



To make sure the auto multiframe cropping feature performs correctly, place the holder on the scan bed, correctly oriented and showing the side with the Microtek logo face up. Align the red arrows so that the holder's front edge is flush against the top ruler of the scanner.

D. Using the EZ-Lock 4" x 5" Film Holder

To scan 4" x 5" film, use the EZ-Lock 4" x 5" Film Holder, which can hold up to 2 pieces of 4" x 5" film at a time.

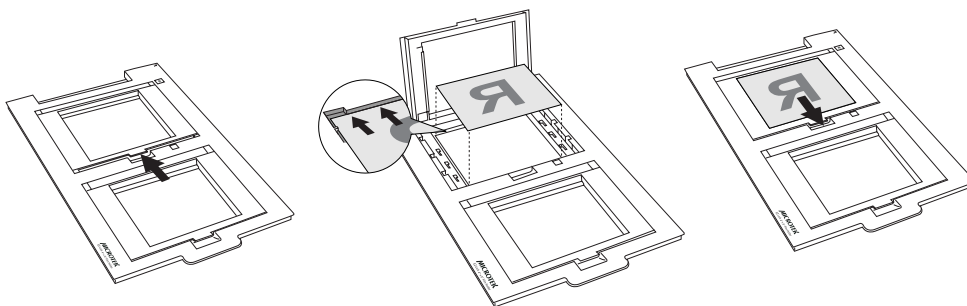


1. Place the 4" x 5" film to be scanned inside the EZ-Lock 4" x 5" Film Holder, as indicated in the graphics below. The shiny base of the 4" x 5" film should be facing down, and the emulsion side of the filmstrip should be facing up.

a) Push on the side to open the lid.

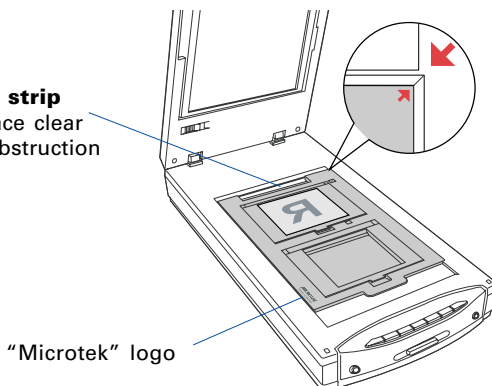
b) Place the film face down into the holder.

c) Pull down the side to close the lid.



2. Raise the scanner lid, then place the EZ-Lock 4" x 5" Film Holder towards the back of the scanner, with the loaded film on the scanner glass surface.

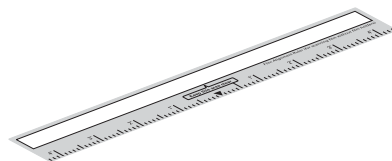
Keep **calibration strip** on the glass surface clear and free of any obstruction



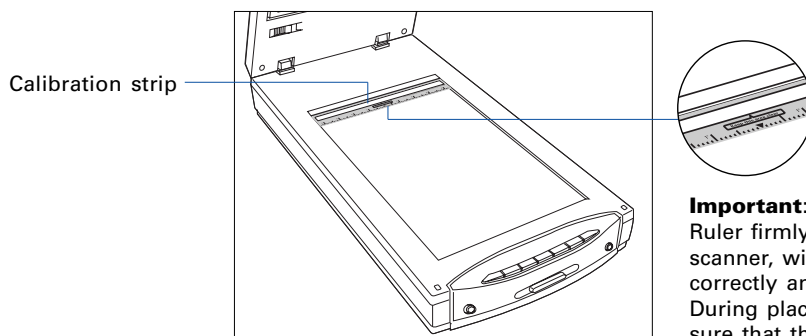
To make sure the auto multiframe cropping feature performs correctly, place the holder on the scan bed, correctly oriented and showing the side with the Microtek logo face up. Align the red arrows so that the holder's front edge is flush against the top ruler of the scanner.

E. Using the Film Alignment Ruler

To scan non-standard-size film such as 8" x 10" film, use the Film Alignment Ruler, which allows you to scan film up to 8" x 12" in size.

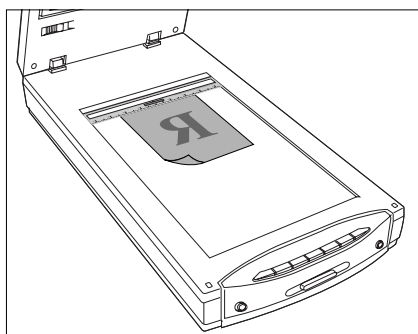


1. Place the Film Alignment Ruler towards the back of the scanner on the scanner glass surface.



Important: Align the Film Alignment Ruler firmly against the top ruler of the scanner, with the ruler oriented correctly and with the correct side up. During placement of the Ruler, make sure that the **calibration strip** on the Ruler is kept clear and free of obstruction at all times.

2. Place the film (non-standard size film) to be scanned on the scanner glass surface, and center the film along the Film Alignment Ruler on the scanner.



Scanning Scenarios

The following pages provide various scenarios for scanning with the ScanMaker i800 Plus, including the following:

For PC Users using ScanWizard EZ

- Scanning photos (1): This scenario can also be your first scan in order to familiarize yourself with scanning basics. It makes use of the **EZ Mode** in ScanWizard EZ.
- Scanning photos (2): This scenario is similar to that described above but uses the **Advanced Mode** in ScanWizard EZ.
- Scanning photos (3): This scenario details the steps for scanning photos. It makes use of the **Professional Mode** in ScanWizard EZ.
- Scanning film: This scenario details the steps for scanning film. It makes use of the **Professional Mode** in ScanWizard EZ.

For Mac Users Using ScanPotter,

- Scanning photos: This scenario details the steps for scanning photos.
- Scanning film: This scenario details the steps for scanning film.

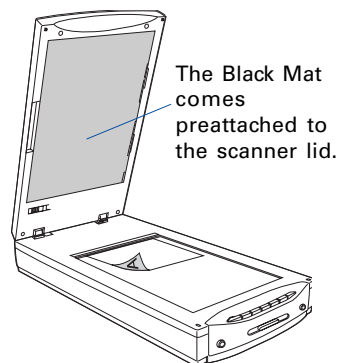
For PC Users Using ScanWizard EZ

A. Scanning Photos (1)

This scenario uses the **ScanWizard EZ - EZ Mode**.

1. Raise the scanner lid, and place the photo to be scanned face down on the scanner glass surface. Position the top end of the photo towards the **back** of the scanner.

***Note:** For the automatic cropping feature to work correctly during the preview scan of your photo, make sure the **Black Mat** is attached on the scanner lid before you launch ScanWizard EZ.*



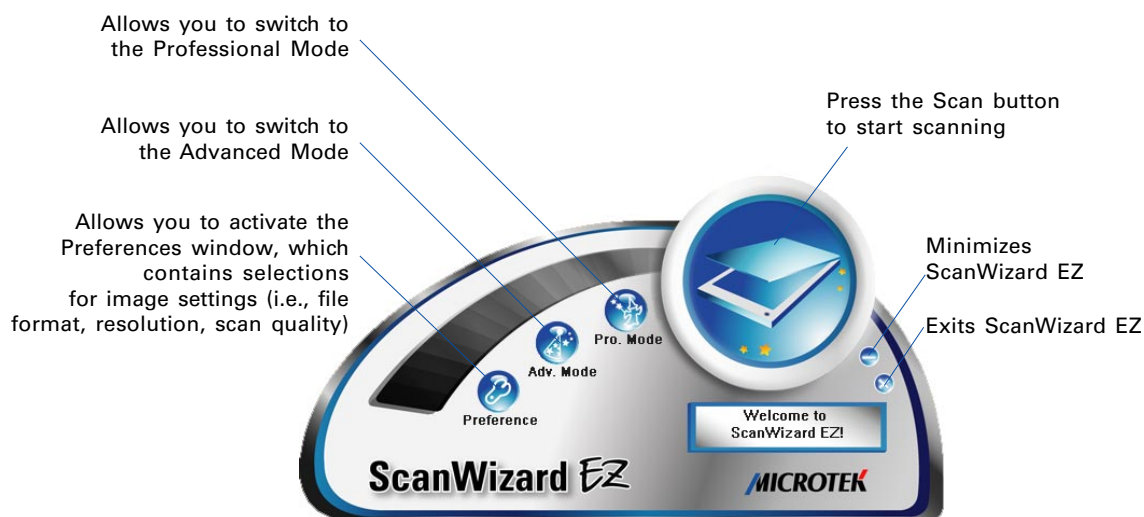
2. Double-click the *ScanWizard EZ* icon on your desktop to launch ScanWizard EZ.

When ScanWizard EZ is launched for the first time, the control panel of **ScanWizard EZ - EZ Mode** appears on the screen automatically.








3. Click the *Scan* button to start scanning.

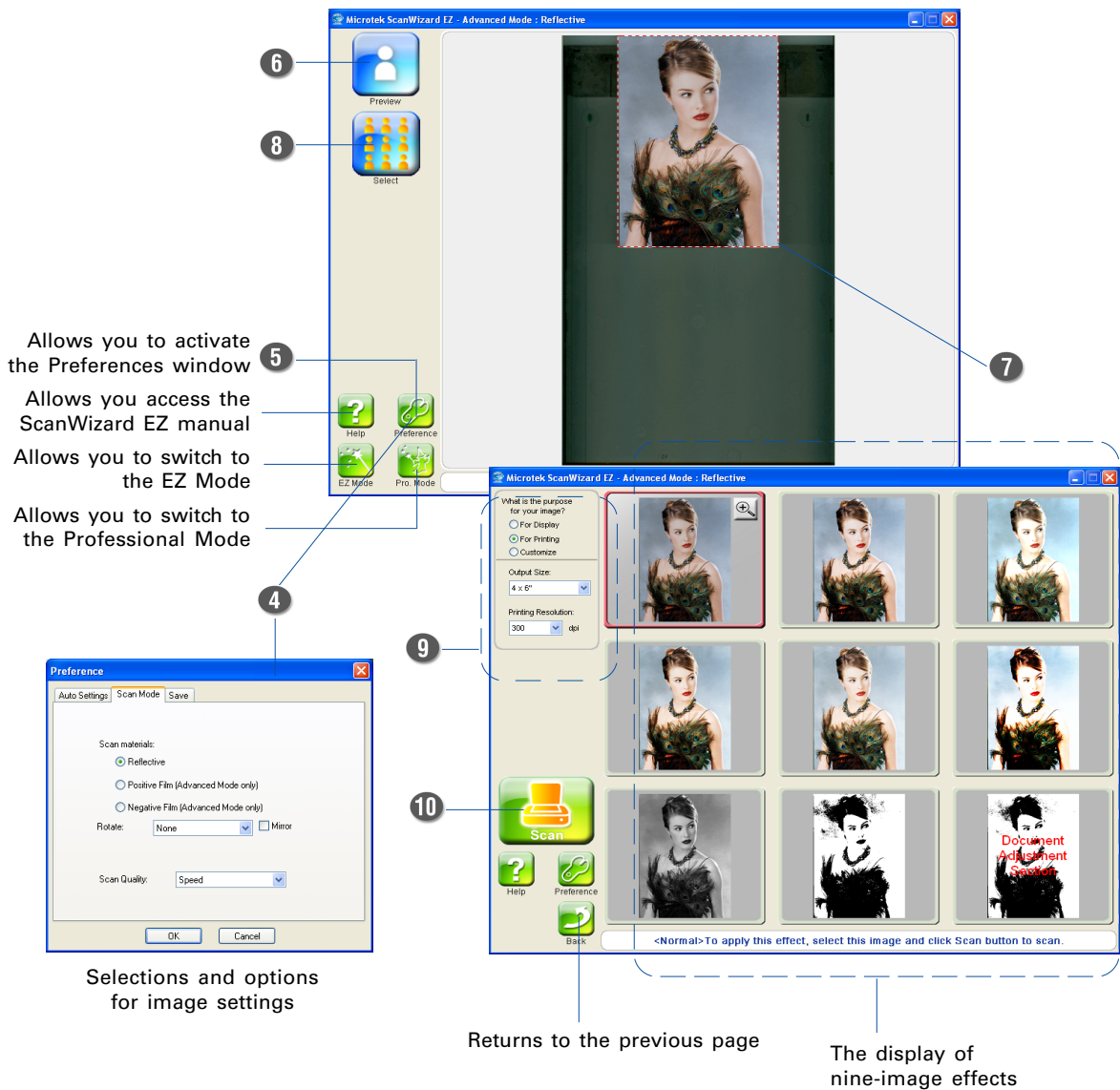
The ScanWizard EZ will detect the photo on the scanner glass surface first, next automatically calibrate the scanner, crop the image, and perform the image scan with factory settings. When done, the output image can be saved in a file and delivered to the specified location.



B. Scanning Photos (2)

This scenario uses the **ScanWizard EZ - Advanced Mode**.


1. Follow the step 1 in “Scanning Photos (1)” to place the photo to be scanned on the scanner glass surface.
2. Double-click the *ScanWizard EZ* icon () on your desktop to launch ScanWizard EZ.
When ScanWizard EZ is launched for the first time, the ScanWizard EZ - EZ Mode control panel appears on the screen.
3. Click the *Advanced Mode* button () on the control panel of the EZ Mode to switch to the **ScanWizard EZ - Advanced Mode**.
4. Click the *Preferences* button () to open the Preferences window; then choose *Reflective* from the Scan Mode layer as your scan material.
5. If necessary, specify other settings related to your output image in the Preferences window.
 - a) Select a desired scan quality from *Speed*, *Quality*, and *Best Quality* options in the Scan Mode layer.
 - b) Specify the folder location, a file name, and the file format for the output image in the Save layer.
 - c) Specify a preferred application to open your output image in the Save layer.
6. Click the *Preview* button () to perform a preliminary view of the entire image, which will appear in the Preview area at the right side of the window.
7. After a preview image is shown in Preview area, if necessary, you can resize the scan frame (floating dotted line) around the image by dragging on the edge or corner of the scan frame to determine the final size of the actual scan.
8. Click the *Select* button () to activate a display of nine-image effects and related option settings.
9. Specify the scanning requirements depending on your purpose about manipulating the image.
 - Select a desired viewing size for the on-screen display purpose.
 - Select a desired output dimension and a resolution for printing purpose.
 - Set up a custom resolution.
10. Choose a desired image effect from the display of nine-image effects, and click the Scan button to start scanning.
The ScanWizard EZ will calibrate the scanner first; then it will automatically perform the final scan with your preferred settings. When the scan is done, the output image can be saved in a file and delivered to the specified location or opened in your chosen application.



C. Scanning Photos (3)

This scenario uses the **ScanWizard EZ - Professional Mode**.

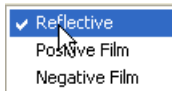
1. Follow the step 1 in “Scanning Photos (1)” to place the photo to be scanned on the scanner glass surface.

2. Double-click the *ScanWizard EZ* icon () on your desktop to launch ScanWizard EZ.

When ScanWizard EZ is launched for the first time, the ScanWizard EZ - EZ Mode control panel appears on the screen.

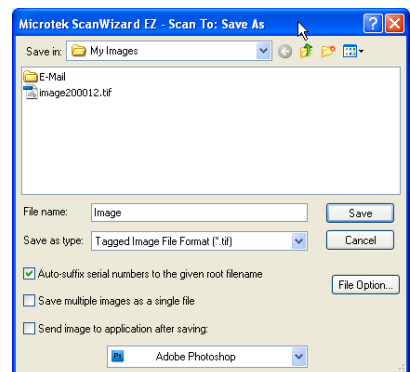
3. Click the *Professional Mode* button () on the control panel of the EZ Mode to switch to the **ScanWizard EZ - Professional Mode**.

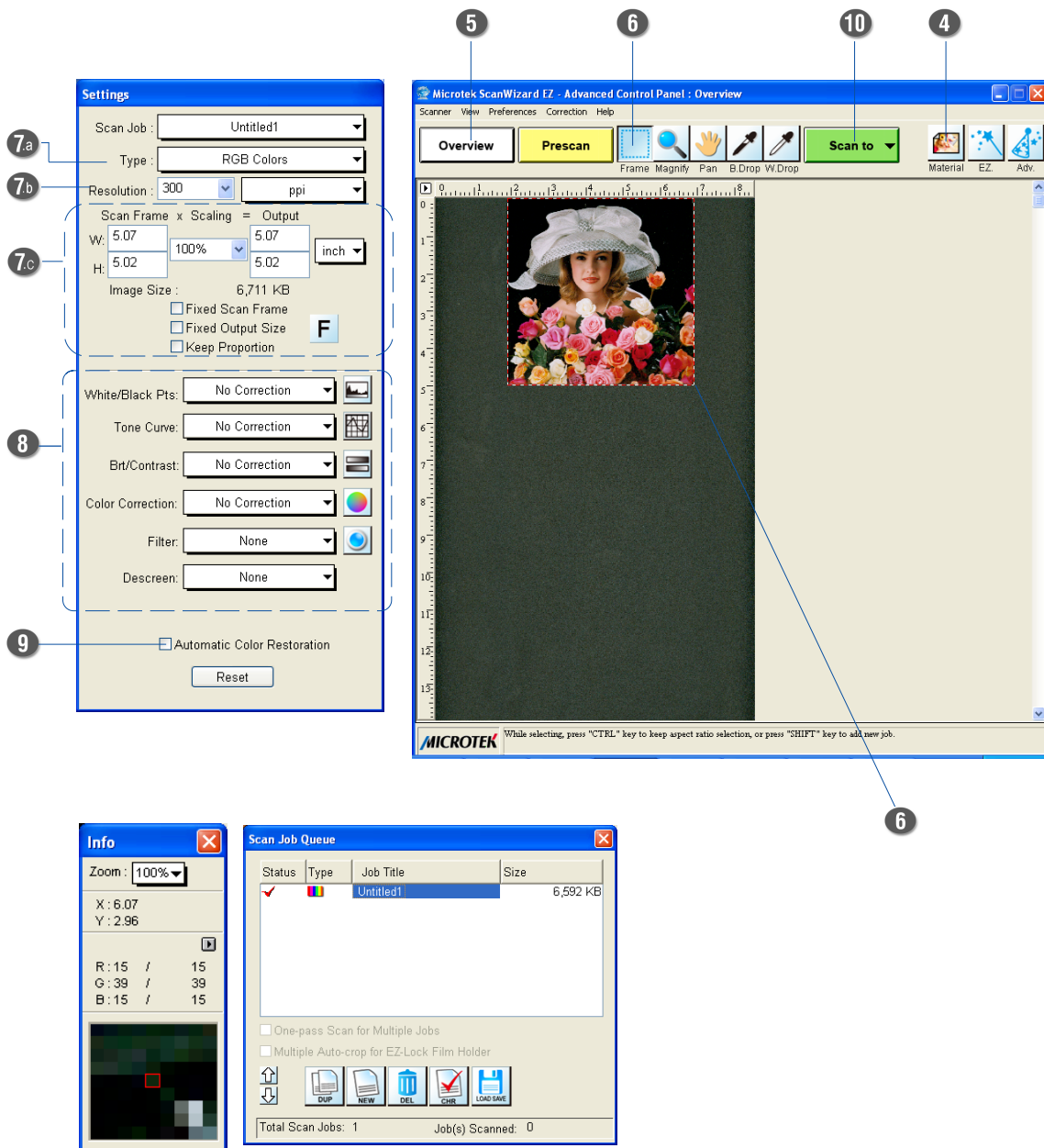
All four windows (Preview, Settings, Info, and Scan Job Queue) appear automatically after the Professional Mode is started up for the first time.



4. In the Preview window of the Professional Mode, click the *Scan Material* button to choose *Reflective* for photos.
5. Click the *Overview* button to perform a preliminary scan of the image, which will appear in the Preview window.
6. In the preview window, you can resize the scan frame (floating dotted line) around the image by dragging on the edge or corner of the scan frame to determine the final size of the actual scan.
7. Specify your scanning requirements in the *Settings* window.
 - a) Select a desired image type.
 - b) Select a desired resolution.
 - c) Adjust the scan frame settings if necessary.
8. Adjust image quality if necessary, using the Advanced Image Correction (AIC) tools.
9. If the colors in your photo are faded and need restoring, check the “Automatic Color Restoration” box in the Settings window.
10. Click the *Scan to* button to scan the image.

When the “Scan To: Save As” dialog box appears, specify the folder location, a file name, and the format for the output image; then click **Save**. The image is scanned and saved to the specified location.





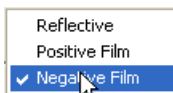
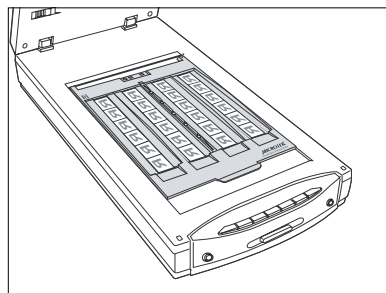
D. Scanning Film

This scenario uses the **ScanWizard EZ - Professional Mode**.

1. Raise the scanner lid, then follow the procedures in the “Positioning Transparent Film” section to load the film that you wish to scan and to place the EZ-Lock Film Holder on the scanner glass surface.

Gently lower the scanner lid down onto the scanner scan bed.

Important: Do not use the Black Mat.

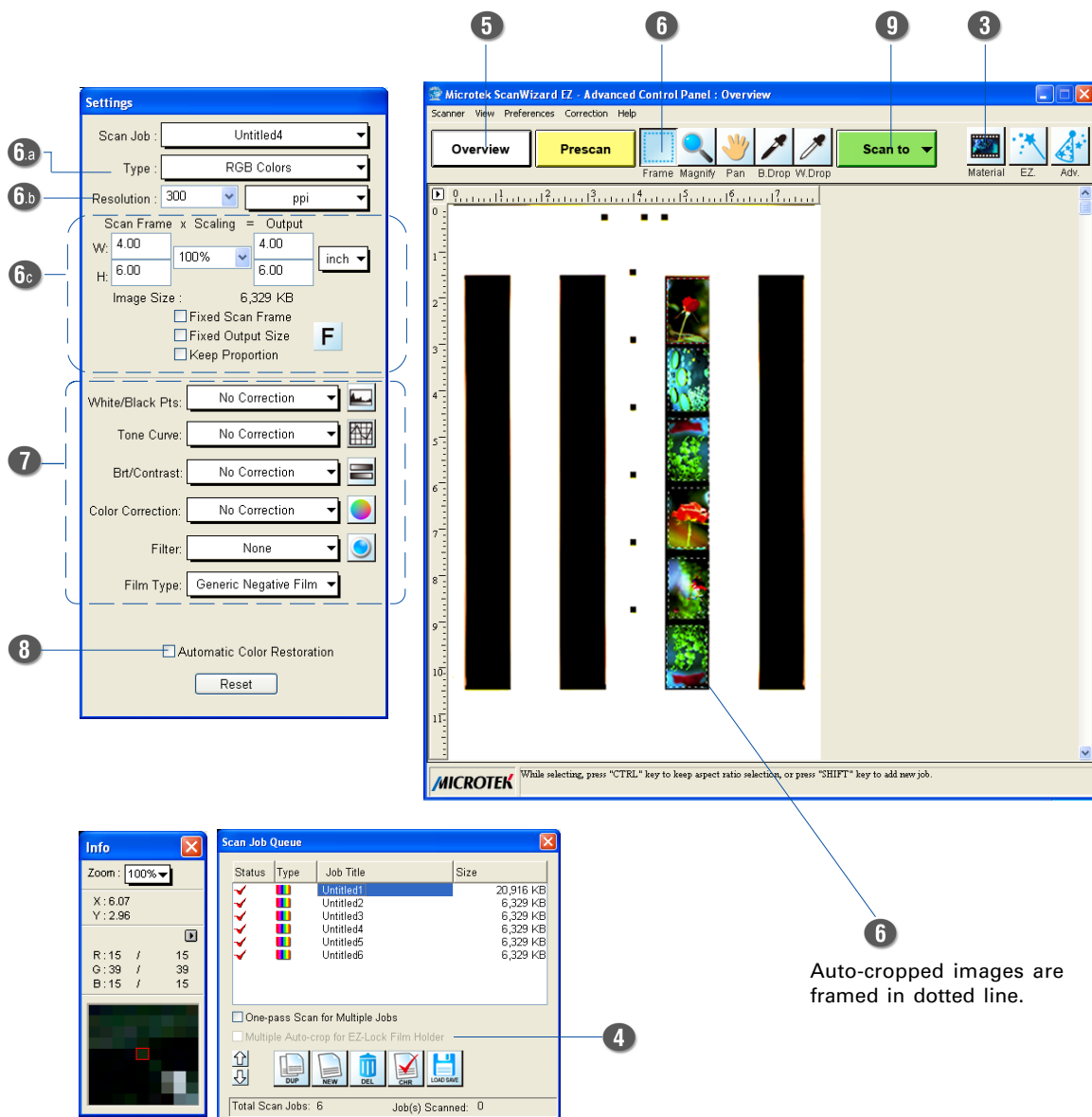


2. Follow the procedures (step 2 and 3) in “Scanning Photos (3)” to activate the **ScanWizard EZ - Professional Mode**.
3. In the Preview window of the Professional Mode, click the *Scan Material* button to choose *Negative Film* for negatives; choose *Positive Film* for transparencies and slides, depending on the film type you are using.
4. In the Scan Job Queue window, check the “Multiple Auto-crop for EZ Lock Film Holder” option.
5. Click the *Overview* button to auto-crop and perform a preliminary scan of the film loaded onto the scanner.

When done, you will see multiple scan frames that have been automatically cropped in the Preview window. Multiple job titles will appear in the Scan Job Queue window, numbered sequentially and all marked by a “Check” that indicates the jobs are ready to be scanned. The scan area (framed in dotted lines) will appear in the Preview window.

6. Specify your scanning requirements in the *Settings* window.
 - a) Select a desired image type.
 - b) Select a desired resolution.
 - c) Adjust the scan frame settings if necessary.
7. Adjust image quality if necessary, using the Advanced Image Correction (AIC) tools.
8. If the colors in your film sample are faded and need restoring, check the “Automatic Color Restoration” box in the Settings window.
9. Click the *Scan to* button in the Preview window to scan all the checked jobs.

When the “Scan To: Save As” dialog box appears, specify the folder location, a file name, and the format for the output image, then click **Save**. The image is scanned and saved to the specified location.

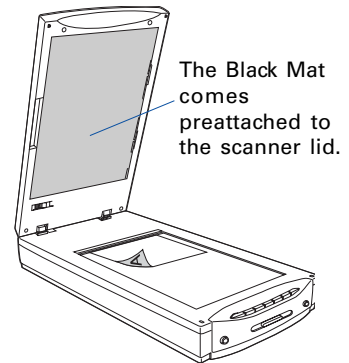


For MAC Users Using ScanPotter

A. Scanning Photos

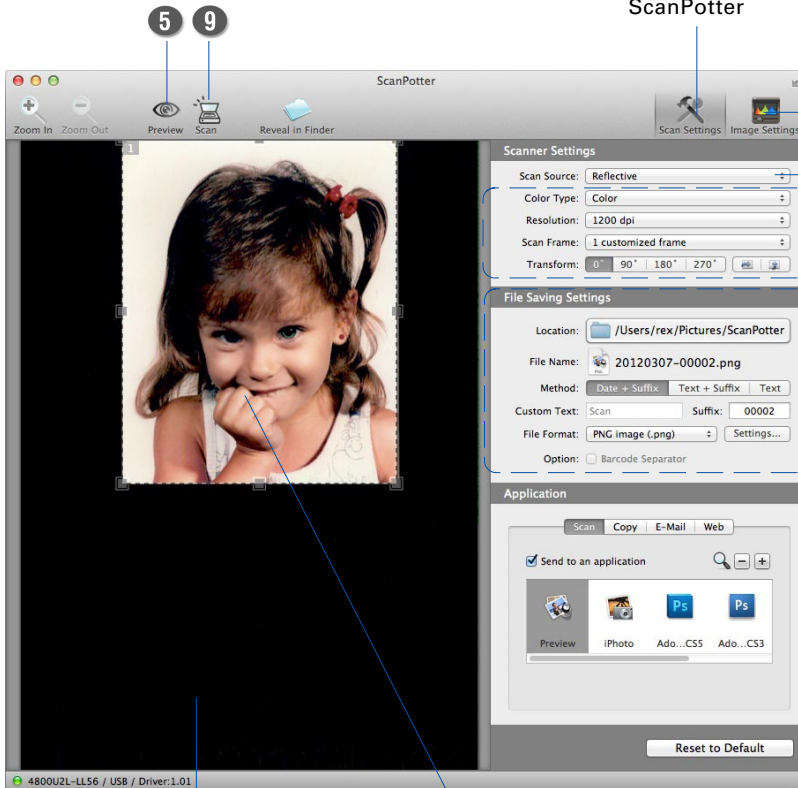
1. Raise the scanner lid, and place the photo to be scanned face down on the scanner glass surface. Position the top end of the photo towards the **back** of the scanner.

***Note:** For the automatic cropping feature to work correctly during the preview scan of your photo, make sure the **Black Mat** is attached on the scanner lid before you launch ScanPotter.*



2. Launch ScanPotter either as a stand-alone by clicking on the program icon, or by selecting it from the application folder in your Mac OS X system.
3. Choose **Reflective** from the Scan Source options menu for scanning photos.
4. Specify your scanning requirements in the Scanner Settings column.
 - a) Select the appropriate image type (e.g., RGB Color) in the Color Type as your image output type.
 - Select **Color** to scan the image in color.
 - Select **Grayscale** to scan the image in grayscale.
 - Select **Black & White** to scan the image in black-and-white.
 - b) Select a desired resolution in the Resolution for your output image.
 - c) Select **Automatic Detection** or a desired dimension in the Scan Frame as your preview image size.
5. Click the **Preview** button to perform a preliminary scan of the image in the Preview window.
6. If necessary, resize the scan frame (floating dotted rectangle) around the image by dragging on the square spots on the edge or on the corner of the scan frame to determine the final size of the actual scan.
7. If necessary, specify file settings for your output image files, using the options offered in the File Saving Settings column.
8. If necessary, click the **Image Settings** button to switch to a window in which you can select a preset image effect to the image directly or adjust image quality manually by using the additional image correction tools.
9. Click the **Scan** button to start scanning.

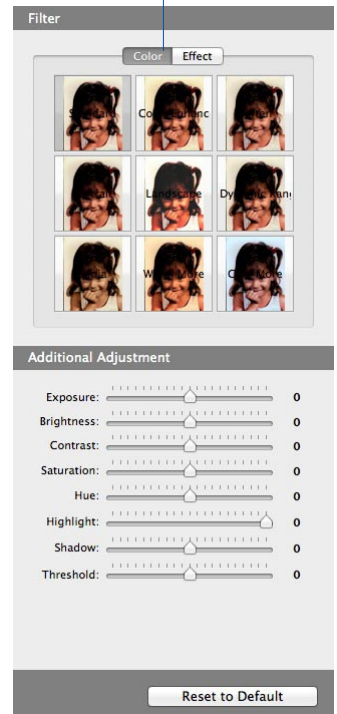
Click the **Scan Settings** button to switch back to the default control panel of ScanPotter



Preview window

6
Scan frame
(enclosed by dotted lines)

8
Click the **Image Settings** button to switch to a window where contains a composite display of nine-image-effects (Filter column) and additional image correction tools (Additional Adjustment column) for your scanned image.

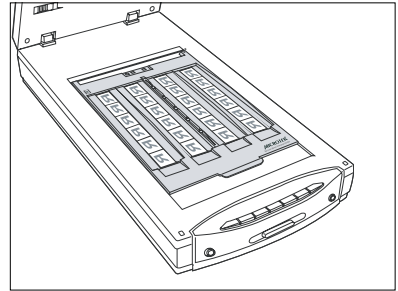


B. Scanning Film

1. Raise the scanner lid, then follow the procedures in the “Positioning Transparent Film” section to load the film that you wish to scan and to place the EZ-Lock Film Holder on the scanner glass surface.

Gently lower the scanner lid down onto the scanner scan bed.

Important: Do not use the Black Mat.



2. Launch ScanPotter either as a stand-alone by clicking on the program icon, or by selecting it from the application folder in your Mac OS X system.
3. In the Scan Source drop-down menu, depending on the film type you are using, choose either **Negative Film** for scanning negatives or **Positive Film** for scanning transparencies and slides.
4. Specify your scanning requirements in the Scanner Settings column.
 - a) Select the appropriate image type (e.g., RGB Color) in the Color Type as your image output type.
 - Select **Color** to scan the image in color.
 - Select **Grayscale** to scan the image in grayscale.
 - Select **Black & White** to scan the image in black-and-white.
 - b) Select a desired resolution in the Resolution for your output image.
 - c) Select **Automatic Detection** in the Scan Frame to perform multiple auto-crop preview of the film loaded onto the scanner.
5. Click the **Preview** button to perform a preliminary scan of the image in the Preview window.

You will see multiple scan frames that have been automatically cropped in the Preview window. Multiple scan frames will be numbered sequentially and tagged with the number (e.g., 1, 2) at the top-left corner of each frame indicates that the image has been scanned. Delete the unwanted scan frames by clicking the “X” at the top-right corner of the scan frame if you want to.
6. If necessary, resize the scan frame (floating dotted rectangle) around the image by dragging on the square spots on the edge or on the corner of the scan frame to determine the final size of the actual scan.
7. If necessary, specify file settings for your output image files, using the options offered in the File Saving Settings column.
8. If necessary, click the **Image Settings** button to switch to a window in which you can select a preset image effect to the image directly or adjust image quality manually by using the additional image correction tools.
9. Click the **Scan** button to start scanning.



Specifications

Model Type	MRS-9600TFU2L		
Image Sensor	CCD (Charge-Coupled Device)		
Light Source	LED (Light Emitting Diode)		
Scanning Modes	Color, grayscale, and black-and-white in a single scanning pass		
	True 48-bit color (approx. 281×10^{12} colors)		
	16-bit grayscale (approx. 65,536 shades of gray)		
Scanning Area	Reflective: 8.5" x 14" (216 mm x 356 mm)		
	Transparent: 8" x 12" (203 mm x 305 mm)		
Resolution	Optical: 4800 dpi x 9600 dpi		
	Interpolated: 65,535 dpi (PC); 32,767 dpi (Mac)		
Dynamic Range	4.0Dmax		
Interface	Hi-Speed USB (USB 2.0)		
Dimensions (L x W x H)	22.6" x 11.7" x 4.6" (576 mm x 297 mm x 118 mm)		
Net Weight	14.1 lbs (6.4 kg)		
Voltage	AC 100V to 240V, 50-60 Hz (Input)		
	DC 15V, 2.5A (Output)		
Power Consumption	37.5 W (Max.)		
Environment	Operating Temperature: 50° F to 104° F (10° C to 40° C)		
	Relative Humidity: 20% to 85%		
Power supply (AC/DC adapter)	<u>Voltage</u> 100V to 240V	<u>Manufacturer</u> HAIDER	<u>Model No.</u> HDAD38W101

System Requirements

General Requirements

- CD-ROM drive (for installing software)
- Color display with 24-bit color output capability
- 512 MB RAM or more

PC and compatibles

- Pentium IV PC or higher with Hi-Speed USB (USB 2.0) port
- Microsoft Windows XP, Vista or Windows 7

Macintosh

- Intel-Based Mac computer with built-in USB port
- Mac OS X 10.6 or later

Important

Specifications, bundles, and accessories are subject to change without notice.

FCC Compliance Statement

This equipment (Model: MRS-9600TFU2L) 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 and 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.