EPSON
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DS-1630 User's Guide

Contents

DS-1630 User's Guide

Welcome to the DS-1630 *User's Guide*.

For a printable PDF copy of this guide, click here.

Scanner Basics

See these sections to learn about the basic features of your scanner.

Scanner Parts Locations
Changing the Power Off and Sleep Timer Settings

Scanner Parts Locations

See these sections to identify the parts on your scanner.

Scanner Parts
Scanner Buttons and Lights
Epson Scanner Accessories

Parent topic: Scanner Basics

Scanner Parts
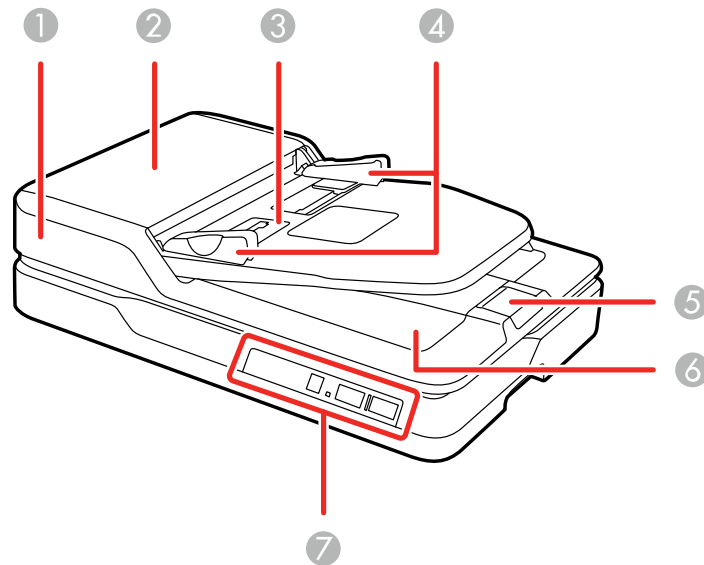
| 1 | ADF (Automatic Document Feeder) |

2   ADF cover

3   Input tray

4   Edge guides

5   Stopper

6   Output tray

7   Control panel
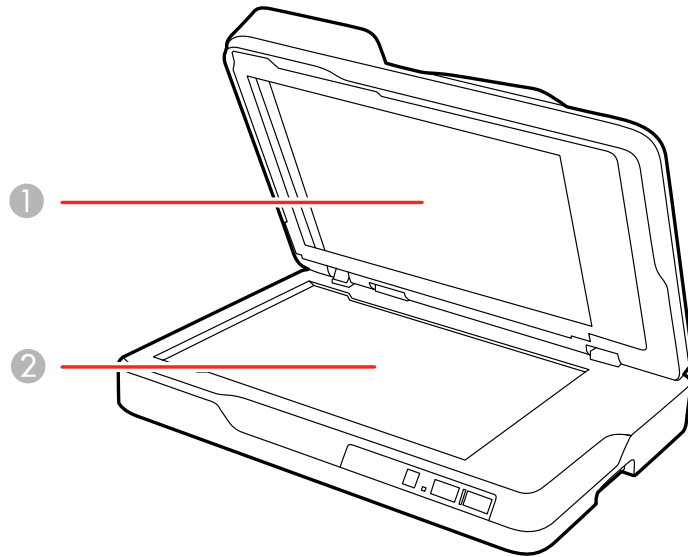
1   Document mat

2   Scanner glass
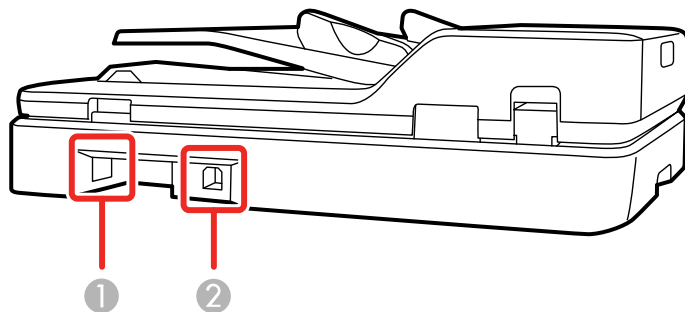
1	AC inlet
2	USB port

Parent topic: Scanner Parts Locations

Scanner Buttons and Lights
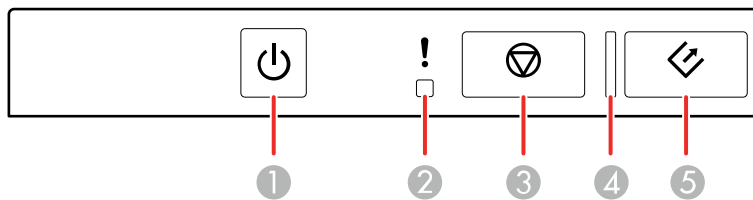
1	⏻ power button
2	! error light
3	▽ stop button
4	ready light
5	⬦ start button

Parent topic: Scanner Parts Locations

Epson Scanner Accessories

You can purchase genuine Epson accessories at epson.com (U.S. sales), epson.ca (Canadian sales), or epson.com.jm (Caribbean sales). You can also purchase accessories from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

Part	Part number
Network interface unit	B12B808441
Cleaning kit	B12B819291

Parent topic: Scanner Parts Locations

Changing the Power Off and Sleep Timer Settings

You can use the Epson Scan 2 Utility to change the time period before the scanner enters sleep mode and turns off automatically.

1. Do one of the following to access the Epson Scan 2 Utility:

   - **Windows 10**: Click and select **EPSON** > **Epson Scan 2 Utility**.

   - **Windows 8.x**: Navigate to the **Apps** screen and select **Epson Scan 2 Utility**.

   - **Windows (other versions)**: Click or **Start**, and select **All Programs** or **Programs**. Select **EPSON** > **Epson Scan 2** > **Epson Scan 2 Utility**.

   - **Mac:** Open the **Applications** folder, open the **Epson Software** folder, and select **Epson Scan 2 Utility**.

2. Click the **Power Save** tab.
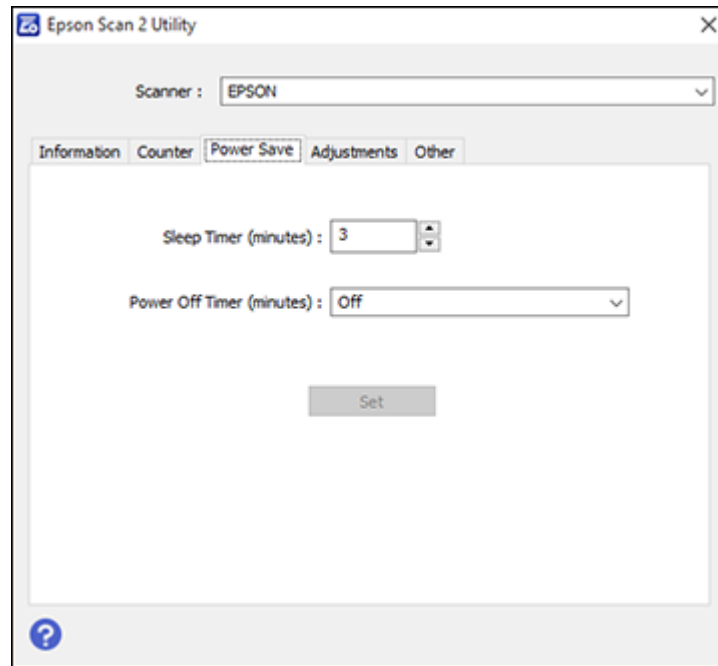
3. Select the length of time after which you want the scanner to go to sleep as the **Sleep Timer** setting.

4. Select the length of time after which you want the scanner to automatically turn off when not in use as the **Power Off Timer** setting.

5. Click **Set** to save the settings.

6. Close the Epson Scan 2 Utility.

Parent topic: Scanner Basics

Placing Originals on the Scanner

Follow the instructions here to place your originals on the scanner.

Caution: Do not place anything on top of your scanner or use its cover as a writing surface to avoid damaging it.

Placing Originals in the Automatic Document Feeder
Placing Originals on the Scanner Glass

Placing Originals in the Automatic Document Feeder

Follow the instructions here to place your originals in the Automatic Document Feeder (ADF).

Placing Standard-Size Originals in the ADF
Placing Long Originals in the ADF
Original Document Specifications for the ADF

Parent topic: Placing Originals on the Scanner

Related references
Original Document Specifications for the ADF

Placing Standard-Size Originals in the ADF

You can place multi-page original documents in the Automatic Document Feeder (ADF). You can also use the ADF to scan both sides of a 2-sided document.

Caution: Make sure your originals meet the specifications for the ADF before loading them.

Note: If your originals are 15.5 inches (393.8 mm) or longer, see the link at the end of these steps for instructions on loading long originals in the ADF.

1. Remove any documents from the scanner glass.

   Note: Also wipe off any dust or stains from the areas shown here with a soft, dry cloth.

2. Slide the edge guides outward and raise the stopper.
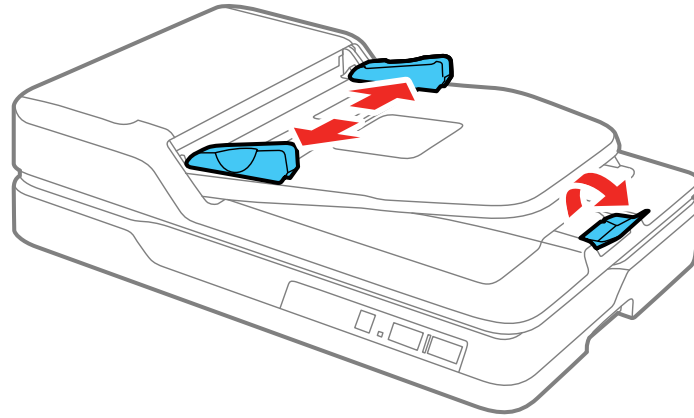
Note: If your originals are legal-size (14 inches [356 mm]) or longer, leave the stopper closed.

3. Fan your stack of originals and tap them gently on a flat surface to even the edges.
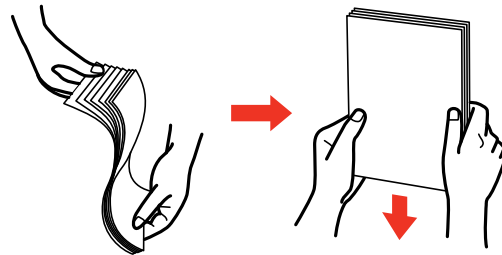
4. Insert the originals into the ADF faceup and top-edge first.
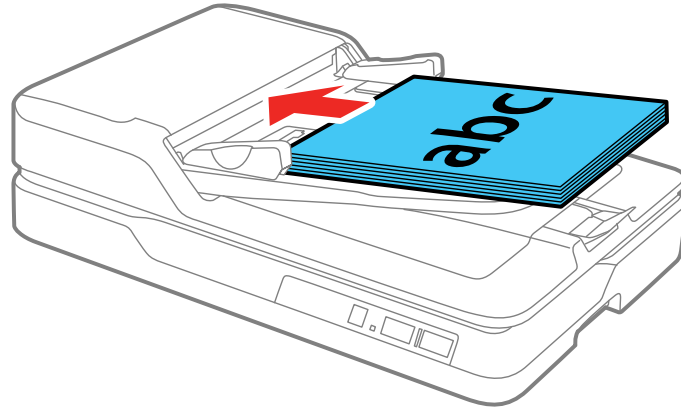
5. Slide the edge guides against the originals, but not too tightly.
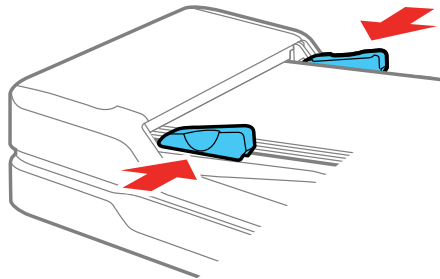
Parent topic: Placing Originals in the Automatic Document Feeder

Placing Long Originals in the ADF

You can place one original that is 15.5 inches (393.8 mm) or longer in the ADF.

Caution: Make sure your original meets the specifications for the ADF before loading it.

1. Remove any documents from the scanner glass.

   Note: Also wipe off any dust or stains from the areas shown here with a soft, dry cloth.

2. Slide the edge guides outward.
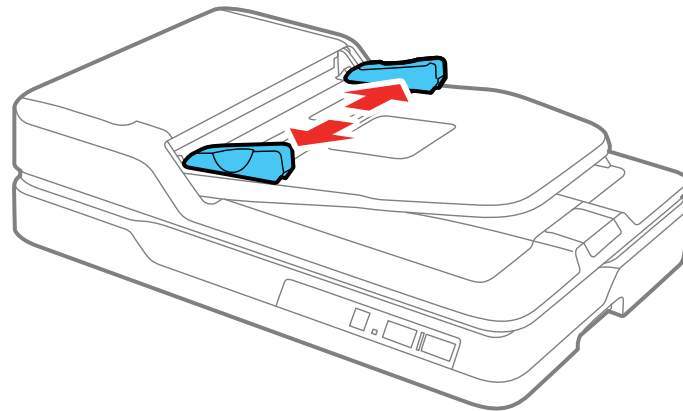
3. Insert your original into the ADF faceup and top-edge first.
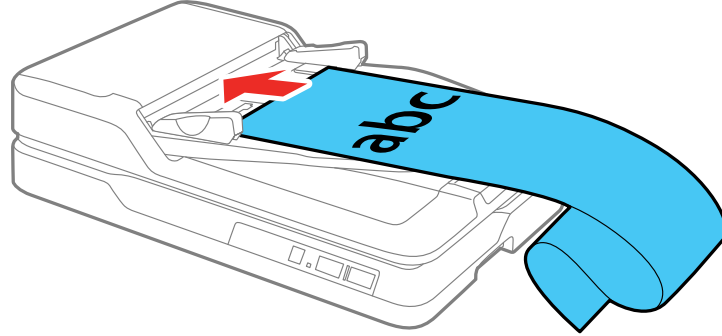
4. Slide the edge guides against the original, but not too tightly.
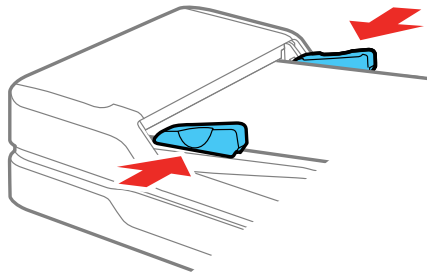
Note: When scanning, support your original as it feeds into and exits the ADF.
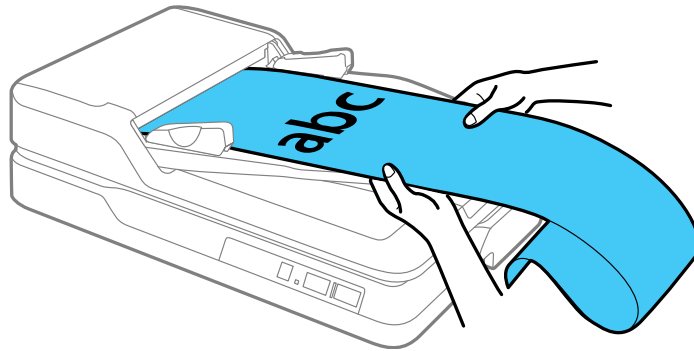
Original Document Specifications for the ADF

You can load original documents that meet these specifications in the ADF.

Paper thickness: 13 to 32 lbs (50 to 120 g/m^2)

Paper types: Plain paper, fine paper, recycled paper

Paper size	Loading capacity	Double-sided scanning
Letter (8.5 × 11 inches [216 × 279 mm])	Up to the arrow mark on the edge guide or 50 sheets (21 lb [80 g/m²]); loading capacity varies depending on the paper type	Yes
A4 (8.3 × 11.7 inches [210 × 297 mm])		Yes
Legal (8.5 × 14 inches [216 × 356 mm])		No
A5 (5.8 × 8.2 inches [148 × 210 mm])		Yes
A6 (4.1 × 5.8 inches [105 × 148 mm])		No
B5 (7.2 × 10.1 inches [182 × 257 mm])		Yes
Longer than 15.5 inches (393.8 mm)	1 sheet	No

You can load original documents within the following range of sizes:

- **Maximum**: 8.5 × 120.0 inches (216 × 3048 mm) for single-sided scanning and 8.5 × 11.7 inches (216 × 297 mm) for double-sided scanning

- **Minimum**: 3.5 × 5.0 inches (89 × 127 mm) for single-sided scanning and 3.5 × 6.7 inches (89 × 170 mm) for double-sided scanning

Caution: Load the following types of originals on the scanner glass instead of the ADF, or they may be damaged or may damage the scanner:

- Photos

- Originals with holes, other than standard hole-punched originals
- Booklets
- Non-paper originals, such as fabric or metal foil
- Originals containing stapes or paper clips
- Originals with glue on it
- Ripped, curled, or wrinkled originals
- Transparencies
- Originals with carbon paper backing
- Originals with wet ink
- Originals with sticky notes attached
- Originals with labels or tape not firmly attached
- Postcards
- Envelopes
- Business cards
- Plastic cards
- Carbon-less paper
- Thermal paper
- Coated paper

Parent topic: Placing Originals in the Automatic Document Feeder

Placing Originals on the Scanner Glass

You can place originals directly on the scanner glass.

Caution: Do not place heavy objects on the scanner glass and do not press on the glass with too much force, or it may damage the scanner. Do not leave photos on the scanner glass for an extended period, or they may stick to the glass.

1. Open the scanner cover.
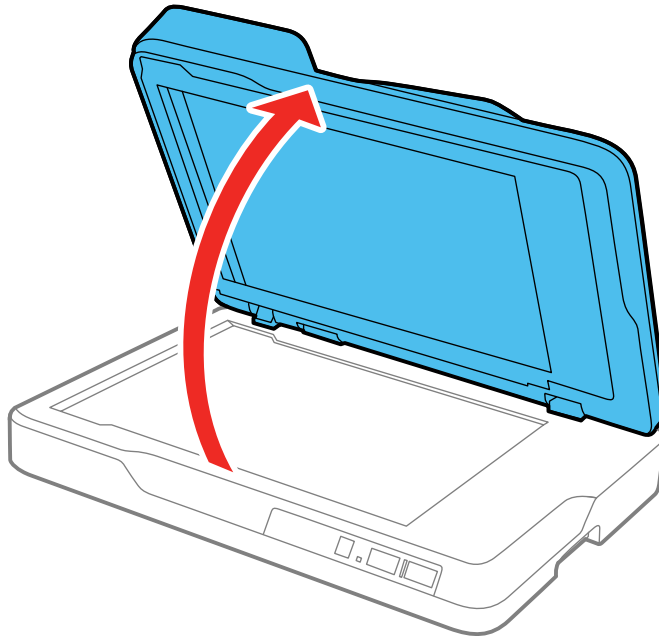
Caution: Be careful not to open the scanner cover more than 70° or you may damage it.

2. Place your original facedown on the scanner glass with the top edge facing as shown. Slide the original to the edges of the indicated corner.
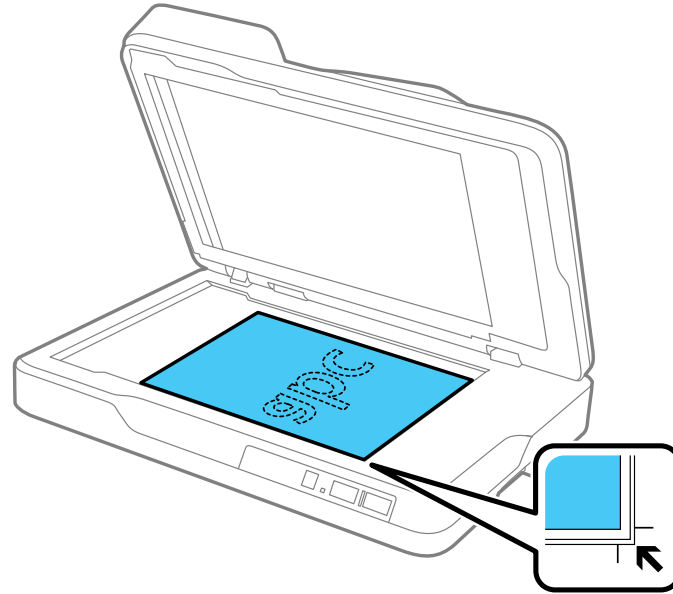
Note: Move your original about 0.1 inch (2.5 mm) away from the edges as shown to avoid cropping.
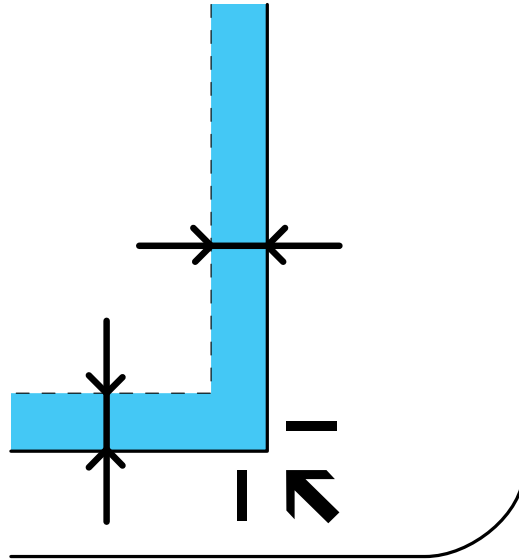
3. Close the scanner cover gently to keep your original in place.
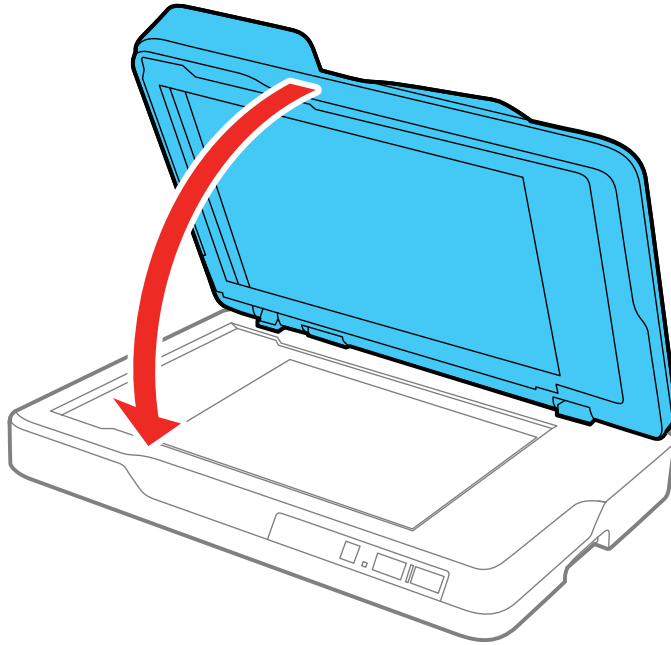
Note: If your original is over 0.4 inch (10 mm) thick, leave the scanner cover open and gently press down on your original instead as you scan.

Parent topic: Placing Originals on the Scanner

Using the Network Interface Unit

See these sections to use the optional Epson Network Interface Unit to scan over a network.

Network Interface Unit Control Panel
Connecting the Network Interface Unit
Setting Up Network Scanning
Scanning to Network Computers from the Network Interface Unit - Windows

Network Interface Unit Control Panel
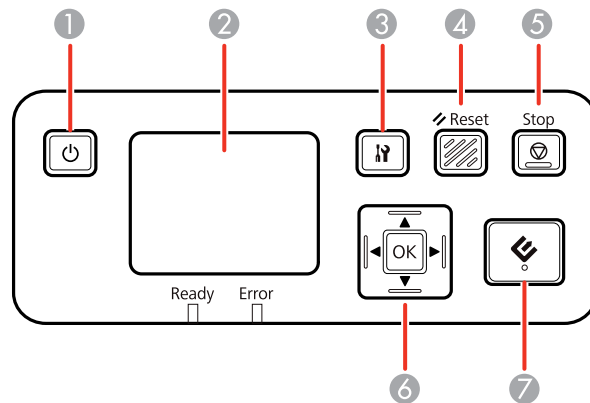
1   ⏻ power button (turns the unit on and off)

2   LCD screen (displays status, operations, and error messages)

3   ⚙ settings button (selects product settings, network settings, and maintenance options)

4   ⚡ **Reset** button (returns the LCD to the default screen)

5   ⊖ **Stop** button (cancels scanning)

6   **OK** button and arrows (use the arrows to highlight an option and the **OK** button to select it)

7   ◈ start button (starts scanning when networking is enabled)

Parent topic: Using the Network Interface Unit

Connecting the Network Interface Unit

See the documentation that came with the optional Epson Network Interface Unit for instructions on connecting it to your scanner.

Parent topic:

Setting Up Network Scanning

You can set up network scanning through the optional Epson Network Interface Unit. First connect the unit to your scanner and verify that both are working properly. Then follow the instructions here to set up computers for network scanning using the Epson Scan 2 Utility.

Note: Make a note of the IP address or host name of the Epson Network Interface Unit so you can enter it in these steps.

1. Do one of the following to start the Epson Scan 2 Utility:

   - **Windows 10**: Click and select **EPSON** > **Epson Scan 2 Utility**.

   - **Windows 8.x**: Navigate to the **Apps** screen and select **Epson Scan 2 Utility**.

   - **Windows (other versions)**: Click or **Start**, and select **All Programs** or **Programs**. Select **EPSON** > **Epson Scan 2** > **Epson Scan 2 Utility**.

   - **Mac**: Open the **Applications** folder, open the **Epson Software** folder, and select **Epson Scan 2 Utility**.

2. Select **Settings** from the Scanner drop-down list.

You see a screen like this:
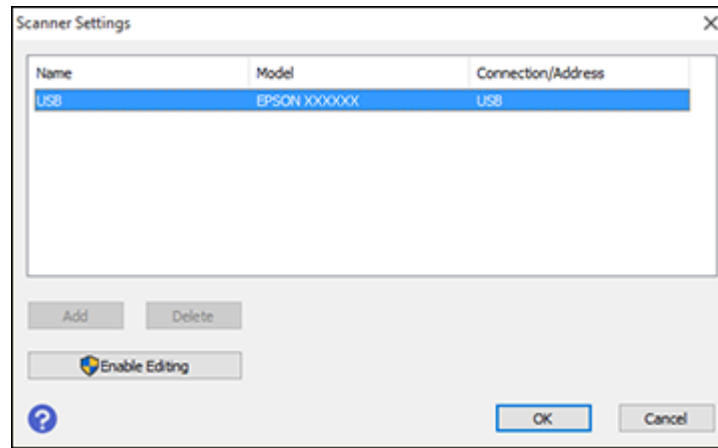
Note: If you see an **Enable Editing** button (Windows) or a lock icon (Mac), click it so that you can modify the scanner settings.

3. Select your scanner and click **Add**.

You see a screen like this:
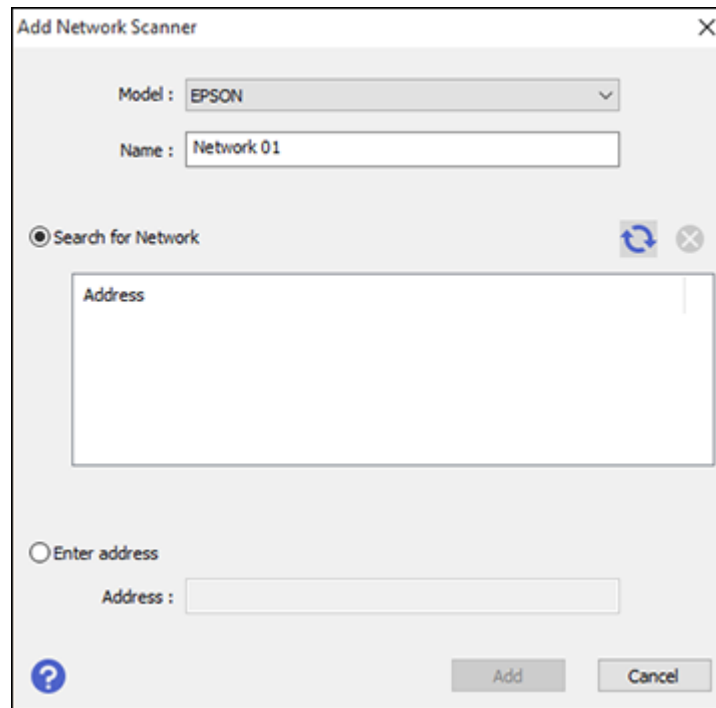
4. Do one of the following:

    - Under **Search for Network**, select the IP address of your Epson Network Interface Unit and click **Add**.

    - Select the **Enter address** setting, type in the IP address or host name of your Epson Network Interface Unit, and click **Add**.

5. Click **OK** to save your settings and then close Epson Scan 2 Utility.

Parent topic: Using the Network Interface Unit

Scanning to Network Computers from the Network Interface Unit - Windows

You can scan to a network computer directly from the Epson Network Interface Unit (Windows). You first set up a scan job in Document Capture Pro and then select the computer you want to send the scanned file to.

Note: Make sure your scan job settings are set up correctly in Document Capture Pro before scanning with the Epson Network Interface Unit.

1. Press the **OK** button on the Epson Network Interface Unit.
2. On the LCD screen of the Epson Network Interface Unit, select the computer you want to send the scanned file to and press the **OK** button.

    Note: If your scanner is part of a network group, make sure to set the computer to the same network group or it will not appear on the LCD screen.

3. If you set up a password in Document Capture Pro, enter the password at the prompt.
4. Select a scan job and press the **OK** button on the Epson Network Interface Unit.
5. Press the ✧ start button on the scanner or Epson Network Interface Unit.

    Your original is scanned and the file is sent to the computer you selected.

Parent topic: Using the Network Interface Unit

Scanning

You can scan your originals and save them as digital files.

Starting a Scan

After placing your originals on your product for scanning, start scanning using one of these methods.

Parent topic: Scanning

Starting a Scan from a Scanner Button

You can scan using the ✧ start button on your scanner. This automatically starts Document Capture Pro (Windows) or Document Capture (Mac) and the scan job you have assigned to the button.

Note: Make sure Epson Scan 2 and Document Capture Pro (Windows) or Document Capture (Mac) are installed on the computer connected to the scanner.

1. Make sure the scanner is connected to your computer.

2. Load an original in your scanner.

3. Press the ✧ start button.

   The scanner starts the job that was assigned to the ✧ start button in Document Capture Pro (Windows) or Document Capture (Mac).

   Note: You can view or change the scan settings using Document Capture Pro (Windows) or Document Capture (Mac).

Parent topic: Starting a Scan

Related topics
Placing Originals on the Scanner

Adding and Assigning Scan Jobs with Document Capture Pro - Windows

You can view, change, or add available default scan settings when you scan using the ✧ start button on your product. You do this by accessing the scan jobs in the Document Capture Pro program.

Note: The settings may vary, depending on the software version you are using. See the help information in Document Capture Pro for details.

1. Do one of the following to start Document Capture Pro:

    • **Windows 10**: Click ▦ and select **Epson Software** > **Document Capture Pro**.

    • **Windows 8.x**: Navigate to the **Apps** screen and select **Document Capture Pro**.

    • **Windows (other versions)**: Click ⊞ or **Start**, and select **All Programs** or **Programs**. Select **Epson Software** > **Document Capture Pro**.

    You see the Document Capture Pro window.

2. If you see a **Switch to Simple View** button in the upper right corner of the window, click it.

You see a window like this:
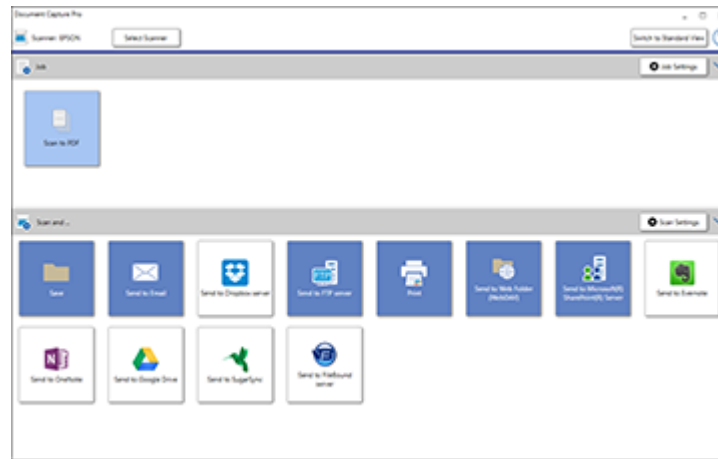
3. Click the **Job Settings** button.

    Note: If you do not see the button, click the **<** symbol in the **Job** bar.

You see a window like this:
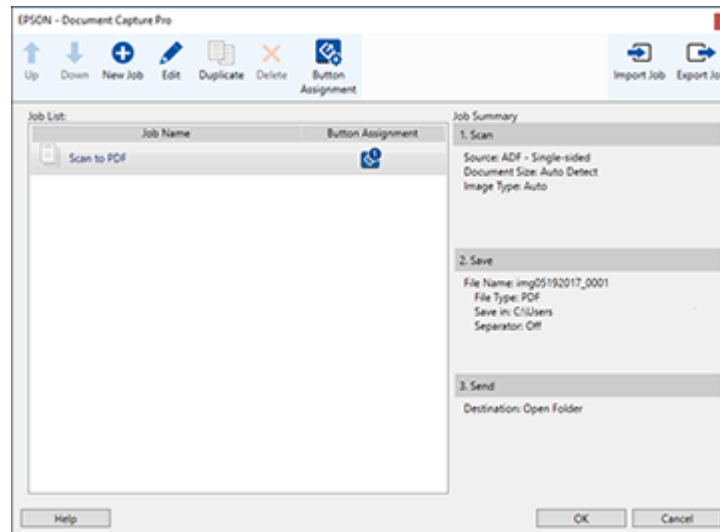
4. To add a scan job, click the ⊕ **New Job** icon, enter a name for the new job, select settings as necessary, and click **OK**.

   You can now use the new scan job when you scan with Document Capture Pro.

   Note: See the Help information in Document Capture Pro for details.

5. To assign a scan job to the ◇ start button, click the 🖳 **Button Assignment** icon.

6. Select the job that you want to assign to the ◇ start button from the 🖳 drop-down list.

7. Click **OK**, then click **OK** again.

   You can now use the assigned scan job when you scan with the ◇ start button on your product.

   Parent topic: Starting a Scan from a Scanner Button

Assigning Start Button Settings or Scan Jobs - Mac

You can view or change the default scan settings when you scan using the ◇ start button on your scanner. You do this by accessing the scan jobs in the Document Capture program.

1. Start Document Capture on a computer connected to the product.

2. Click the ▦ Manage Job icon from the toolbar at the top of the window.

   You see a window showing the current scan job list.

3. If you want to add a scan job, click **Add** or the **+** icon, enter a name for the new job, select settings as necessary, and click **OK**.

   You can now use the new scan job when you scan with Document Capture.

   Note: See the Help information in Document Capture for details.

4. If you want to assign a scan job to the ⬦ start button, click the ⚙▾ icon at the bottom of the window and click **Event Settings**.

5. Select the job that you want to assign to the ⬦ start button.

		Job Name
⬦	Start Button	Scan to PDF

Select the action to be launched when the button is pressed.
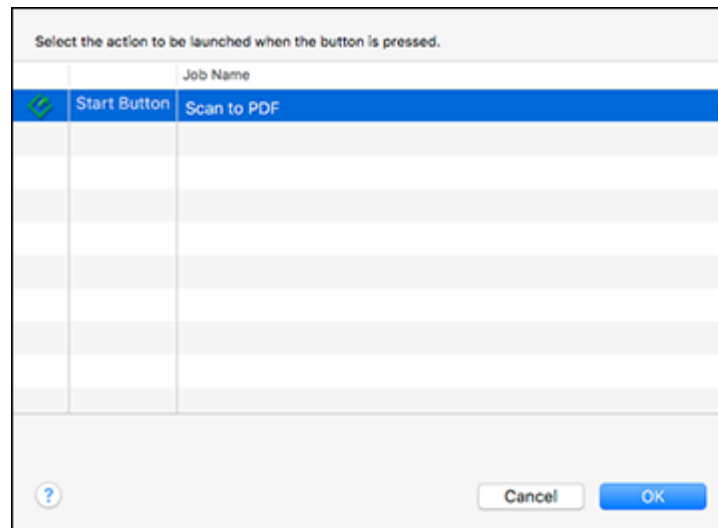
6. Click **OK**.

Parent topic: Starting a Scan from a Scanner Button

Starting a Scan Using the Epson Scan 2 Icon

You can start the Epson Scan 2 program to select scan settings, scan, and save the scanned image to a file.

- **Windows 10:** Click and select **EPSON** > **Epson Scan 2**.

- **Windows 8.x**: Navigate to the **Apps** screen and select **Epson Scan 2**.

- **Windows (other versions)**: Click or **Start**, and select **All Programs** or **Programs**. Select **EPSON** > **Epson Scan 2** > **Epson Scan 2**.

- **Mac:** Open the **Applications** folder, open the **Epson Software** folder, and select **Epson Scan 2**.

You see an Epson Scan 2 window like this:
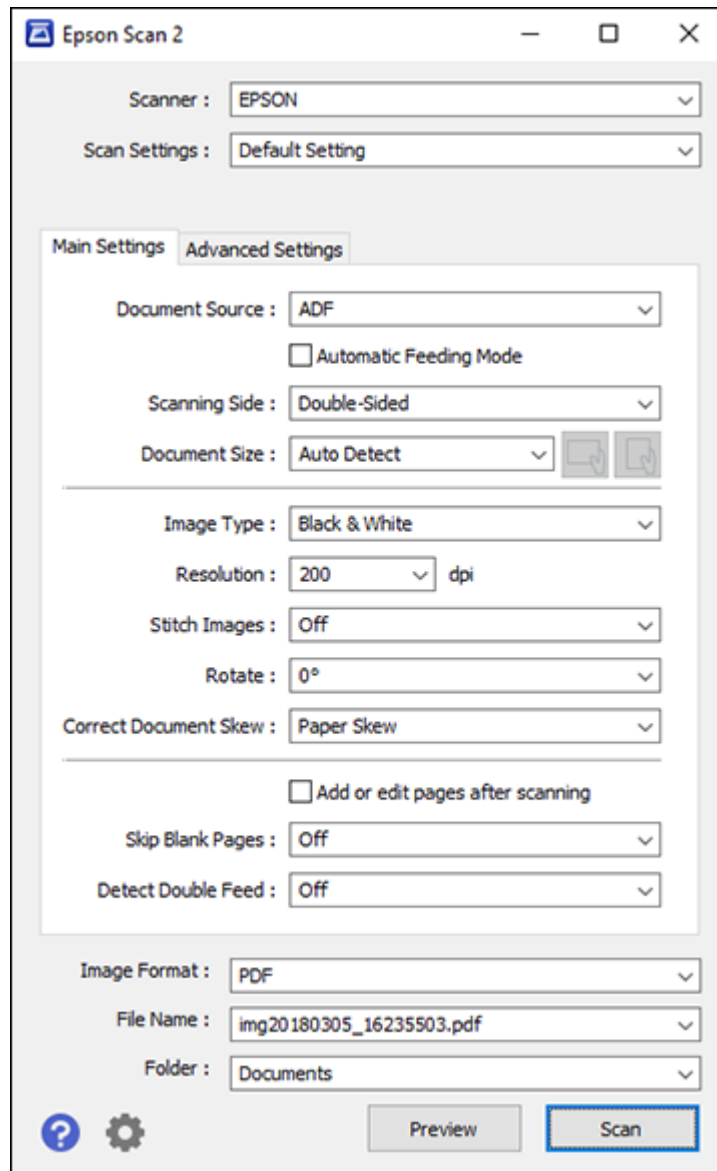
Parent topic: Starting a Scan

Related tasks

Scanning in Epson Scan 2

Starting a Scan from a Scanning Program

You can start Epson Scan 2 from a TWAIN-compliant scanning program to select scan settings, scan, and open the scanned image in the program.

1. Open your scanning program and select its scanning option. (See your scanning program help for instructions.)

2. Select your product.

Note: In certain programs, you may need to select your product as the "source" first. If you see a **Select Source** option, choose it and select your product. With Windows, do not select a **WIA** option for your product; not all scan functions will be available.

You see an Epson Scan 2 window like this:

Related tasks

Scanning in Epson Scan 2

Scanning with Document Capture Pro in Standard View

You can use Document Capture Pro in Standard View to select settings, preview, and change the scanned file settings as necessary.

Note: The settings may vary, depending on the software version you are using. See the help information in Document Capture Pro for details.

1. Load your original in the product.

2. Do one of the following to start Document Capture Pro:

   - **Windows 10**: Click and select **Epson Software** > **Document Capture Pro**.

   - **Windows 8.x**: Navigate to the **Apps** screen and select **Document Capture Pro**.

   - **Windows (other versions)**: Click or **Start**, and select **All Programs** or **Programs**. Select **Epson Software** > **Document Capture Pro**.

   You see the Document Capture Pro window. (You may see a screen asking you to select your scanner first; if you do, select your product.)

3. If you see a **Switch to Standard View** button in the upper right corner of the window, click it.

You see a window like this:
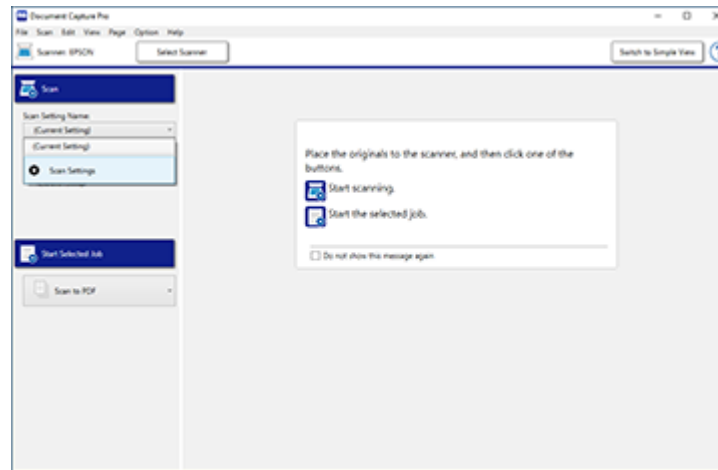
4. Select **Scan Settings** from the Scan Setting Name list (or select **Scan** > **Scan Settings** from the menu bar).

You see a window like this:
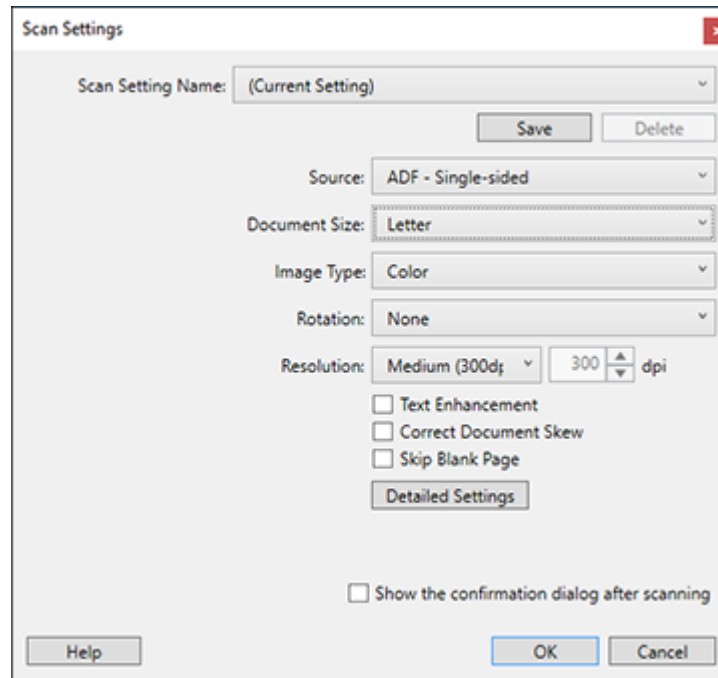
5.   Select any displayed settings you want to use and click **OK**.

     Note: See the help information in Document Capture Pro for details.

6.   Click **Scan**.

You see a preview of your scan in the Document Capture Pro window.
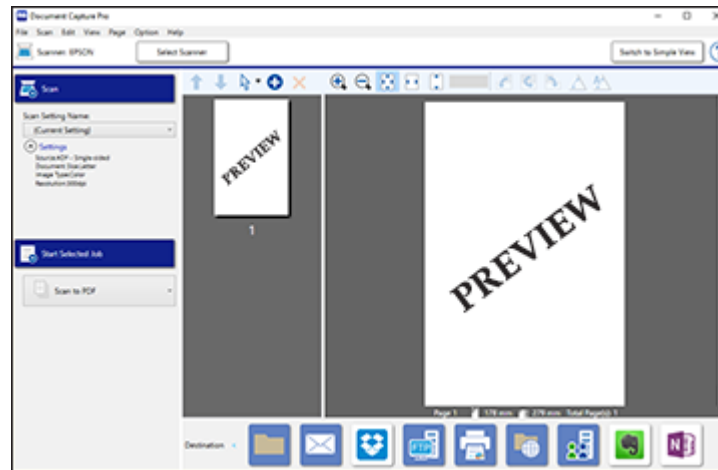
Note: You may have to close the Epson Scan 2 window to view your scan in the Document Capture Pro window.

7. If you would like to scan additional originals and add them to the current captured images, click the

    ⊕ Add Page(s) icon and follow the instructions on the screen.

8. Check the scanned images and edit them as necessary.

    Note: See the help information in Document Capture Pro for details.

9. Click one of the Destination icons to choose where to send your scanned files. (If you cannot see all of the icons below, click the arrows next to the icons.)

10. Depending on the destination you chose, click **OK** or **Send** to complete the scan.

Parent topic: Scanning

Scanning with Document Capture Pro in Simple View

You can use Document Capture Pro in Simple View to quickly select options and scan.

Note: The settings may vary, depending on the software version you are using. See the help information in Document Capture Pro for details.

1. Load your original in the product.

2. Do one of the following to start Document Capture Pro:

   - **Windows 10**: Click ⊞ and select **Epson Software** > **Document Capture Pro**.

   - **Windows 8.x**: Navigate to the **Apps** screen and select **Document Capture Pro**.

   - **Windows (other versions)**: Click ⊕ or **Start**, and select **All Programs** or **Programs**. Select **Epson Software** > **Document Capture Pro**.

   You see the Document Capture Pro window. (You may see a screen asking you to select your scanner first; if you do, select your product.)

3. If you see a **Switch to Simple View** button in the upper right corner of the window, click it.

   You see a window like this:

4. Click **Select Scanner** and select your scanner from the scanner list, if necessary.

5. If you want to use a scan job, click one of the job icons in the **Job** section of the window to complete and send your scan with one click.

6. If you want to select scan settings for a particular destination, click the **Scan Settings** button, select any displayed settings you want to use, and click **OK**.

   Note: See the help information in Document Capture Pro for details. If you do not see the **Scan Settings** button, click the **<** symbol in the **Scan and...** bar.
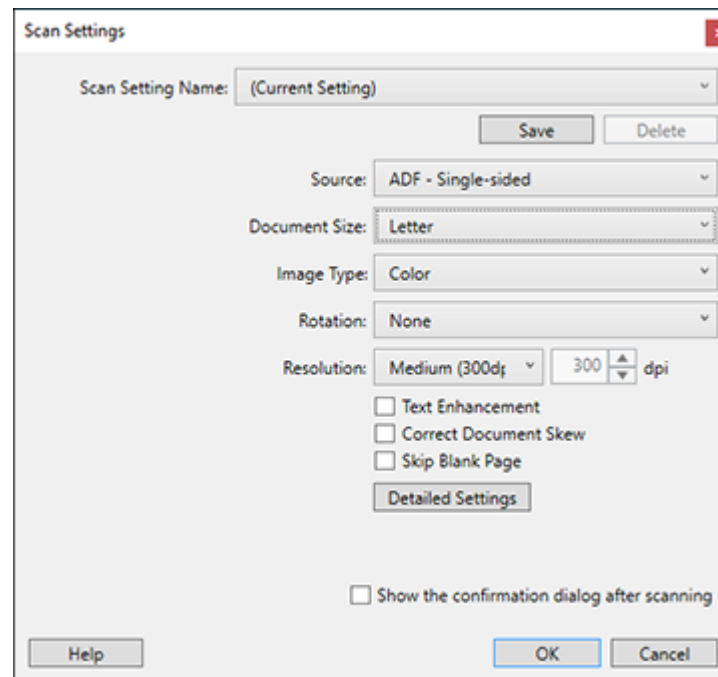
7. Click one of the destination icons in the **Scan and...** section of the window. Your product starts scanning and you see the settings window.

8. Select any destination settings as necessary and click **OK**.

   Note: See the help information in Document Capture Pro for details.

9. Confirm your settings and click **OK** or **Close**.

Parent topic: Scanning

Related concepts

Scan Resolution Guidelines

Scanning with Document Capture - Mac

When you scan with Document Capture, the program automatically saves your scanned file on your computer in the folder you specify. You can select settings, preview, and change the scanned file settings as necessary.

Note: The settings may vary, depending on the software version you are using. See the Help information in Document Capture for details.

1. Load your original in the product.

2. Open the **Applications** folder, open the **Epson Software** folder, and select **Document Capture**.

   You see a window like this:
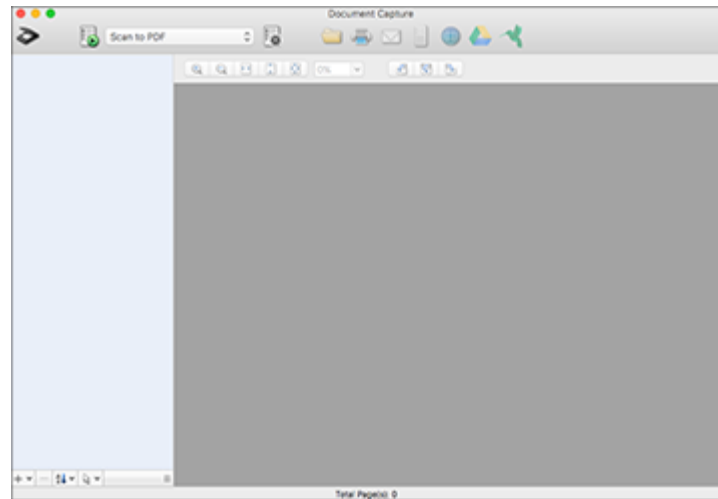
   Note: You may need to select your scanner from the scanner list.

3. Click the 🖼 **Scan** icon.

You see a window like this:

Note: If you want to use a scan job that you created instead, select it from the Job list in the Document Capture window, click the Start Job button, and skip the rest of these steps.

4. Select any displayed scan settings you want to use.

Note: See the Help information in Document Capture for details.

5. If you want to select detailed scan settings, close the Scan Settings window, open the **Scan** menu at the top of the Mac desktop, and select **Displays the EPSON Scan Setup Screen**.

6. Click the Scan icon and select any detailed scan settings you want to use from the Epson Scan 2 window.

7. Click **Scan**.

You see a preview of your scan in the Document Capture window.

Note: You may have to close the Epson Scan 2 window to view your scan in the Document Capture window.

8. If you would like to scan additional originals and add them to the current captured images, click the + icon, select **Acquire from Scanner**, and repeat the previous steps.

9. Check the scanned images and edit them as necessary.

10. Click one of the Destination icons to choose where to send your scanned files. (If you cannot see all of the icons below, click the arrow next to the icons.)

11. Depending on the destination you chose, click **OK** or **Send** to complete the operation.

Parent topic: Scanning

Related concepts
Scan Resolution Guidelines

Scanning in Epson Scan 2

Epson Scan 2 gives you access to basic and advanced scanning features. You can scan your document and save the scanned image in various file formats in your operating system's Documents or My Documents folder, or open it in your scanning program. You can preview the scanned image and select or change settings as necessary.

1. Load your original in the product.

2. Start Epson Scan 2.

You see this window:
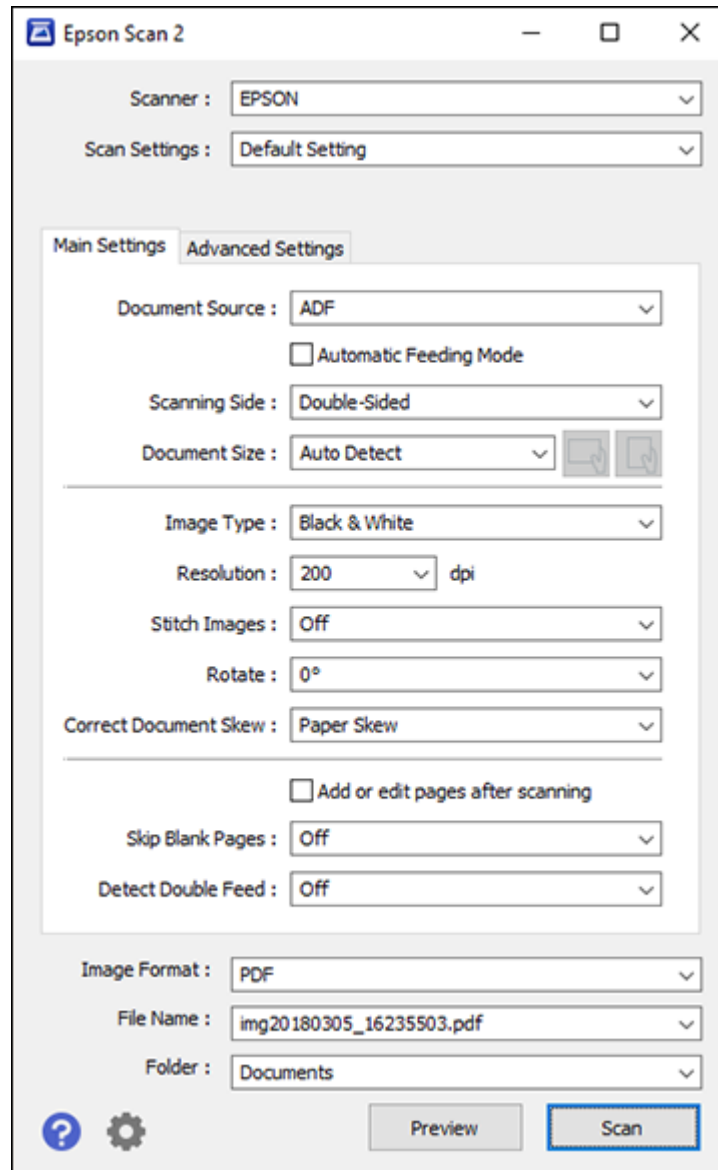
3. Select the **Document Source** setting that matches where you placed your originals, or select **Auto Detect** to have Epson Scan 2 automatically detect the location.

4. Select the **Scanning Side** setting that matches the sides of the original that you want to scan.

5. Select the **Document Size** setting that matches the size of your original, or select **Auto Detect** to have Epson Scan 2 automatically detect the size. You can select **Customize** to enter a custom size, if necessary.

6. Select your original image type and how you want it scanned as the **Image Type** setting.

7. Select the **Resolution** setting you want to use for your scan.

8. Select any of the additional settings that you want to use on the **Main Settings** tab.

9. Click the **Advanced Settings** tab and select any settings that you want to use.

10. To see a preview of your scan with the settings you selected, click the **Preview** button.

Epson Scan 2 previews your original and displays the results in the Epson Scan 2 window.
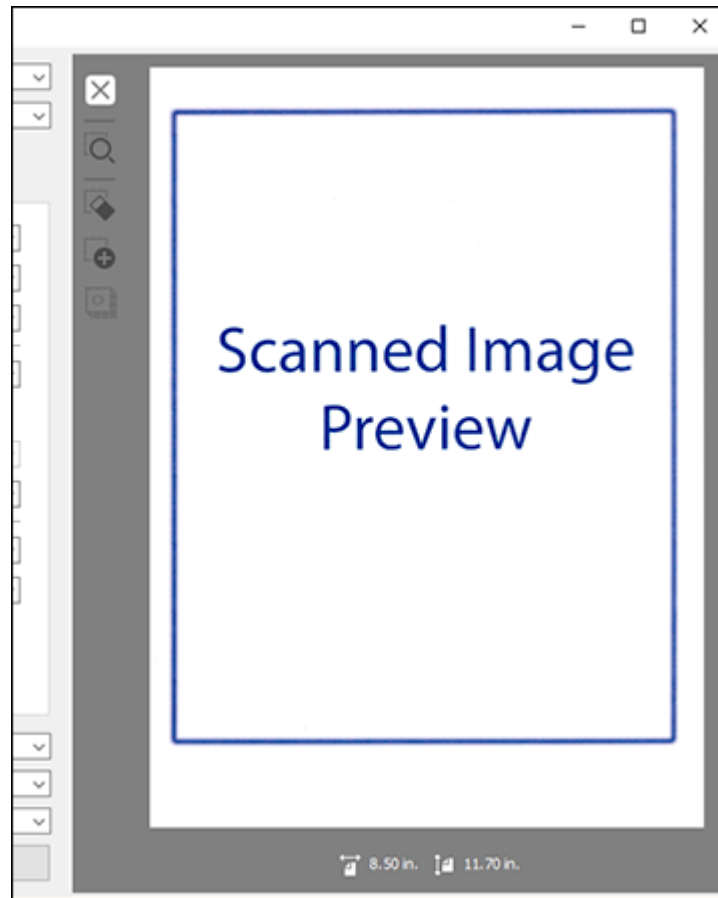
Note: If your originals were scanned from the ADF, reload your originals.

11. Select the format in which you want to save your scanned file as the **Image Format** setting. If necessary, select **Options** and select any desired format options.

12. Select **Settings** to modify the file name settings. Enter the file name for your scanned file in the **File Name** field.

13. Select the location in which you want to save your scanned file as the **Folder** setting. If necessary, select **Select** to choose an alternate folder or create a new folder.

14. Click **Scan**.

   The product scans your original and saves the scanned file in the location you specified.

Additional Scanning Settings - Main Settings Tab
Additional Scanning Settings - Advanced Settings Tab
Image Format Options

Parent topic: Scanning

Related concepts
Scan Resolution Guidelines

Additional Scanning Settings - Main Settings Tab

You can select these additional scanning settings on the Epson Scan 2 Main Settings tab.

Rotate
   Rotates the original image clockwise to the desired angle before scanning it. Select **Auto** to allow your product to automatically rotate the image based on the orientation of the text (may take longer to scan).

Correct Document Skew
   Corrects skewed originals, image contents, or both.

Add or edit pages after scanning
   Lets you add, remove, or edit the pages in a scan, including rotating pages and changing the page order.

   Note: To save multiple pages in a single file, you must select a file format that supports multiple pages such as **PDF** or **Multi-TIFF**. If you select another file format, each scanned image or page is saved as a separate file.

Skip Blank Pages
   If the scanner detects marks from the other side of a blank page and adds the marks to the scanned image, adjust this setting to prevent this.
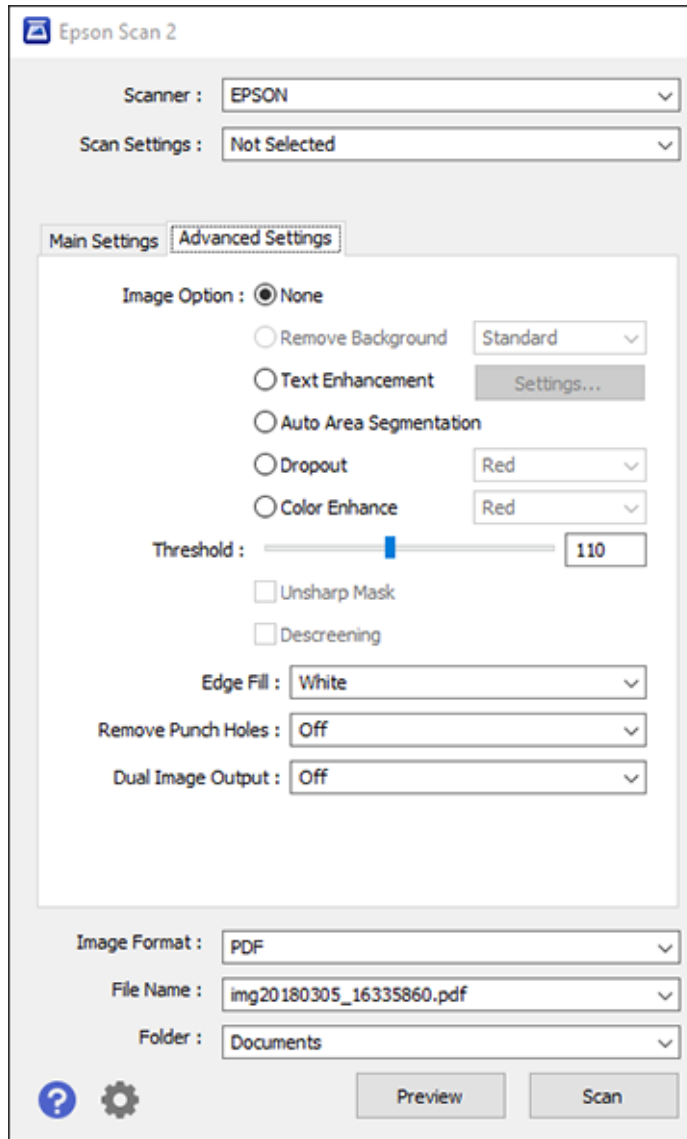
Detect Double Feed
   Detects a double-feed paper error in the ADF. If you are scanning an original envelope or plastic card, select **Off**.

Parent topic: Scanning in Epson Scan 2

Additional Scanning Settings - Advanced Settings Tab

You can select these additional scanning settings on the Epson Scan 2 Advanced Settings tab. Not all adjustment settings may be available, depending on other settings you have chosen or your scanner's features.

Remove Background

Removes the background from your originals.

Text Enhancement

Sharpens the appearance of letters in text documents.

Auto Area Segmentation

Makes black and white images clearer and text recognition more accurate by separating the text from the graphics.

Dropout

The scan will not pick up the color you select. This setting is available only if you select **Grayscale** or **Black & White** as the Image Type setting.

Color Enhance

Enhances the shades of the color you select in the scanned image. This setting is available only if you select **Grayscale** or **Black & White** as the Image Type setting.

Brightness

Adjusts the overall lightness and darkness of the scanned image.

Contrast

Adjusts the difference between the light and dark areas of the overall scanned image.

Gamma

Adjusts the midtone density of the scanned image.

Threshold

Adjusts the level at which black areas in text and line art are delineated, improving text recognition in OCR (Optical Character Recognition) programs.

Unsharp Mask

Makes the edges of certain image areas clearer. Turn off this option to leave softer edges.

Descreening

Removes the ripple pattern that might appear in subtly shaded image areas, such as skin tones. This option improves results when scanning magazines or newspapers. (The results of descreening do not appear in the preview image, only in your scanned image.)

Edge Fill

Corrects shadowing around the edges of the image by filling the shadows with black or white.

Remove Punch Holes

Removes the shadows caused by holes on the edges of the original.

Dual Image Output

Scans the original image twice using different output settings (Windows only).

Parent topic:

Image Format Options

You can select different image formats and related options. For details on available options, click the **?** icon on the Epson Scan 2 Image Format Options window. Not all image formats have options.

BITMAP (*.bmp)
A standard image file format for most Windows programs.

JPEG (*.jpg)
An image format that lets you highly compress image data. However, the higher the compression, the lower the image quality. (The TIFF format is recommended when you need to modify or retouch your scanned image.)

PNG (*.png)
An image format that does not lose quality during editing.

TIFF (*.tif)
A file format created for exchanging data between many programs, such as graphic and DTP software.

Multi-TIFF (*.tif)
A TIFF file format when multiple pages are saved to the same file, allowing you to edit the images using a compatible program.

PDF (*.pdf)
A document format that is readable by Windows and Mac systems using Adobe Reader, Acrobat, or other programs. You can save multi-page documents in one PDF file.

Searchable PDF (*.pdf)
A document format that is readable by Windows and Mac systems using Adobe Reader, Acrobat, or other programs. You can save multi-page documents in one PDF file. Recognized text in the scanned document can be searched.

Parent topic:

Scan Resolution Guidelines

The **Resolution** setting, measured in dpi (dots per inch), controls the amount of detail captured in your scans. Increasing the resolution raises the amount of detailed captured but comes with the following disadvantages:

• Larger file sizes

• It takes longer to scan your originals, send/receive your scans by email or fax, and to print your scans

- The image may become too large to fit on your display or print on paper

Select a Resolution setting based on how you plan to use the scanned image:

- Email, view on a computer screen, or post on the web: 96 to 150 dpi

- Print, fax, convert to editable text (OCR), or create a text searchable PDF: 200 to 300 dpi

Note: If you plan to enlarge a scanned image so you can print it at a larger size, increase the resolution by the same amount you will increase the image size to retain a high image quality. For example, if you normally scan your image in its original size at 300 dpi but plan to double the image size later, change the Resolution setting to 600 dpi. If you are scanning long documents, you may not be able to scan above 300 dpi.

Parent topic: Scanning

Scanning Special Projects

Your product's scanning software offers various options to help you quickly complete special scan projects.

Scanning Two Originals onto One Sheet (Stitching Images)
Scanning Multi-Page Originals as Separate Files
Saving Scanned Documents as a Searchable PDF Using Epson Scan 2
Saving Scanned Documents as a Searchable PDF with Document Capture - Mac
Saving a Scan as an Office Format File - Windows
Saving a Scan as an Office Format File - Mac
Scanning to a SharePoint Server or Cloud Service

Parent topic: Scanning

Scanning Two Originals onto One Sheet (Stitching Images)

You can scan both sides of a double-sided or folded original and combine them into a single image with the Epson Scan 2 Stitch Images settings (not available for all products).

Note: The settings may vary, depending on the software version you are using. See the help information in Document Capture Pro for details.

1. Load your original in the product.

2. Do one of the following to start Document Capture Pro:

   • **Windows 10**: Click ▦ and select **Epson Software** > **Document Capture Pro**.

   • **Windows 8.x**: Navigate to the **Apps** screen and select **Document Capture Pro**.

   • **Windows (other versions)**: Click 🪟 or **Start** and select **All Programs** or **Programs**. Select **Epson Software** > **Document Capture Pro**.

3. If you see a **Switch to Simple View** button in the upper right corner of the window, click it.

   You see a window like this:

4. Click the **Scan Settings** button, then click **Detailed Settings**.

You see an Epson Scan 2 window like this:
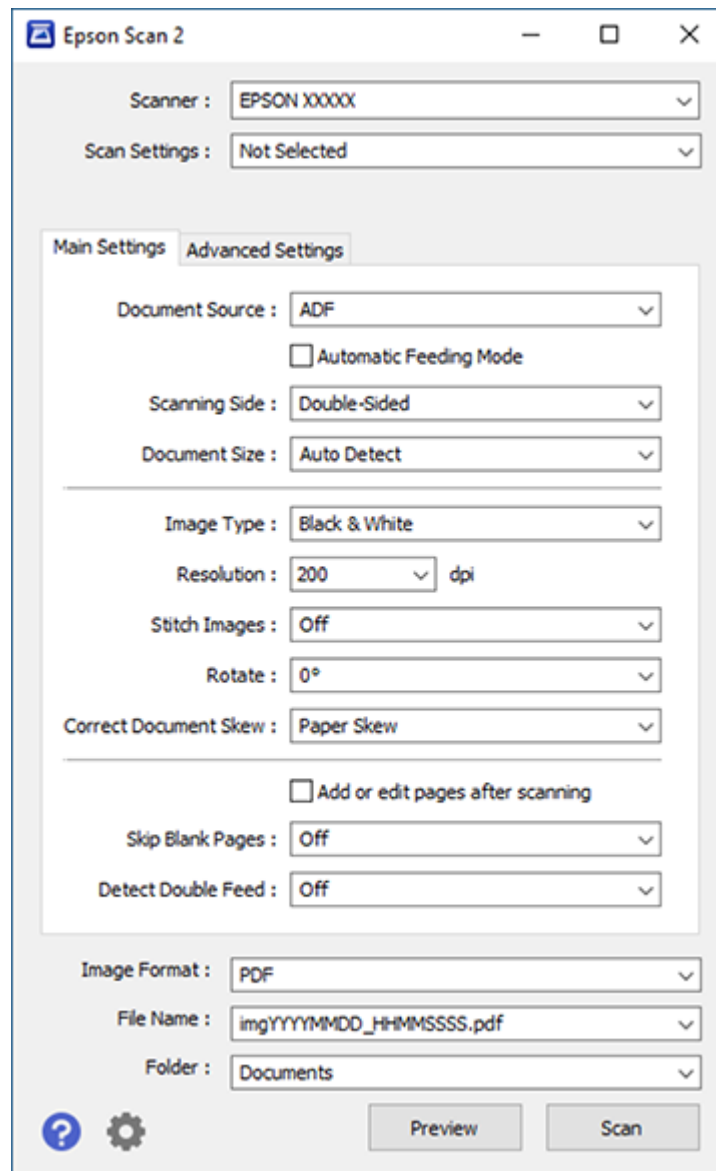
5. Select **Double-Sided** as the **Scanning Side** setting.

6. Select the original document size or **Auto Detect** as the **Document Size** setting.

7. Select one of the following as the **Stitch Images** setting:

    *   **Top&Bottom**: Places the scanned images one above the other.

    *   **Left&Right**: Places the scanned images side by side.

8. Select the **Advanced Settings** tab and set the **Edge Fill** setting to **None**.

9. Click **Save**.

10. Click **OK**.

11. Click **Scan**.

    The scanned image is displayed.

    Note: If the scanned images are not stitched together in the correct orientation, click **Scanning Side** on the Epson Scan 2 window, select **Settings**, set the Binding Edge to **Left** or **Top**, and rescan the document.

    Parent topic: Scanning Special Projects

Scanning Multi-Page Originals as Separate Files

You can use Document Capture Pro (Windows) to scan multi-page originals as separate scanned files. You indicate how the separate files are created by defining a maximum page count per file or by inserting blank pages, barcodes, or characters that can be detected by the software as separation markers.

Note: The settings may vary, depending on the software version you are using. See the help information in Document Capture Pro for details.

1. Load your multi-page original in the product.

2. Do one of the following to start Document Capture Pro:

    *   **Windows 10**: Click and select **Epson Software** > **Document Capture Pro**.

    *   **Windows 8.x**: Navigate to the **Apps** screen and select **Document Capture Pro**.

    *   **Windows (other versions)**: Click or **Start**, and select **All Programs** or **Programs**. Select **Epson Software** > **Document Capture Pro**.

You see the Document Capture Pro window.

3. If you see a **Switch to Simple View** button in the upper right corner of the window, click it.

You see a window like this:
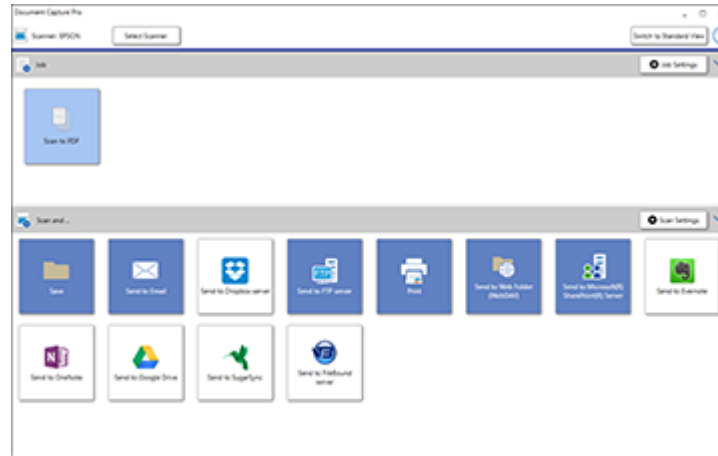
4. Click the **Scan Settings** button.

You see a window like this:
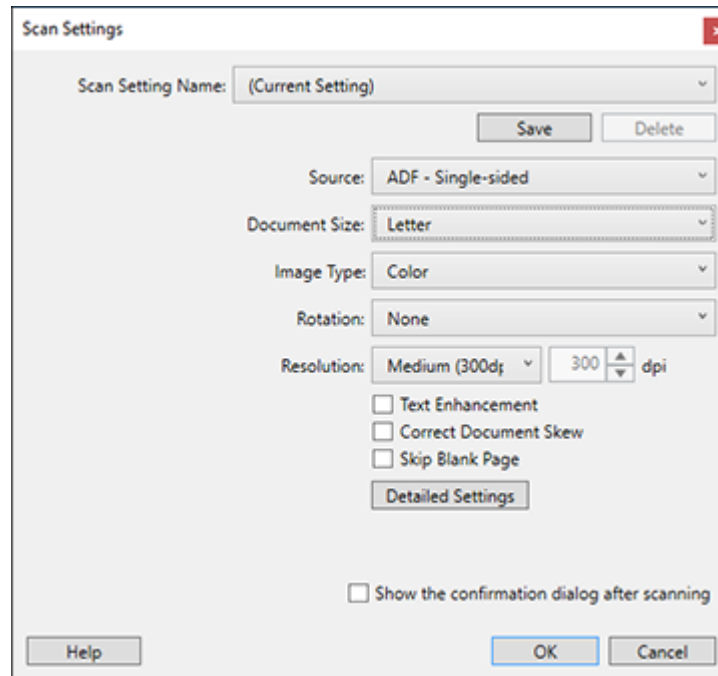
5. Select any displayed settings you want to use and click **OK**.

    Note: See the help information in Document Capture Pro for details.

6. Click one of the destination icons (except **Print**) in the **Scan and...** section of the window. Your product starts scanning and you see the settings window.

7. Select the **Apply job separation** checkbox.

8. Click **Separation Settings**.

You see a window like this:
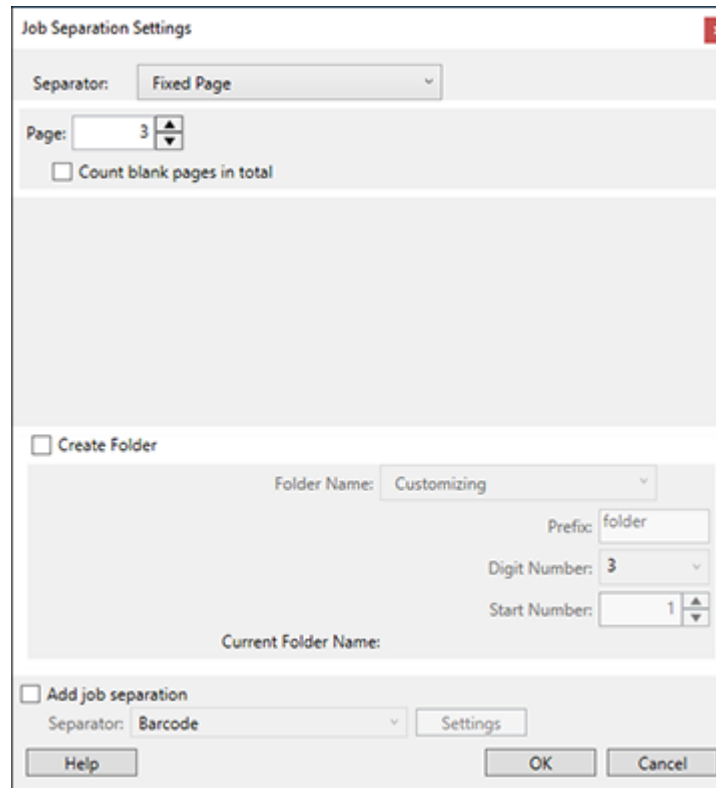
9. Select the method you used to separate the originals as the **Separator** setting.

   Note: See the help information in Document Capture Pro for details.

10. If necessary, select **Create Folder** and select a folder name.

11. Select any other folder naming settings you want and click **OK**, then click **OK** again.

    Your originals are saved into separate files and folders as specified.

Parent topic: Scanning Special Projects

Saving Scanned Documents as a Searchable PDF Using Epson Scan 2

You can scan a document and save the text in a searchable PDF. In a searchable PDF, text is recognized using Optical Character Recognition (OCR) and then embedded in the scanned original.

Note: The required Epson Scan 2 OCR Component is installed automatically when you install your product software as instructed on the *Start Here* sheet. If you install your scanner software programs individually, be sure to also install this component if you want to perform OCR.

1. Load your original in the product for scanning.
2. Start Epson Scan 2.
3. Select your scan settings.
4. Click **Preview** and adjust the area you want to scan, if necessary.
5. If you are using the ADF, reload the ejected original.
6. Select **Searchable PDF** as the Image Format setting.
7. Select **Options** from the Image Format list.

    You see this window:
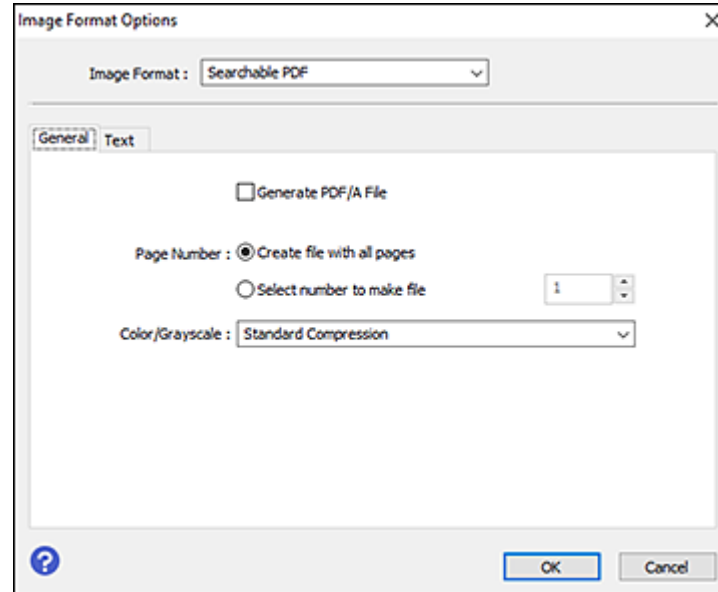
8. Select any of the options on the **General** tab.

9. Select the **Text** tab.

10. Make sure the language used in the document text is selected as the **Text Language** setting.

11. Click **OK**.

12. Confirm the **File Name** setting and select a **Folder** setting for your document.

13. Click **Scan**.

    The scanned image is saved as a searchable PDF.

Parent topic: Scanning Special Projects

Related tasks
Scanning in Epson Scan 2

Related topics
Placing Originals on the Scanner

Saving Scanned Documents as a Searchable PDF with Document Capture - Mac

You can scan a document with Document Capture and save the text in a searchable PDF. In a searchable PDF, text is recognized using Optical Character Recognition (OCR) and then embedded in the scanned original.

Note: The settings may vary, depending on the software version you are using. See the Help information in Document Capture for details.

1. Load your original in the product for scanning.

2. Open the **Applications** folder, open the **Epson Software** folder, and select **Document Capture**.

You see a window like this:

Note: You may need to select your scanner from the scanner list.

3. Click the **Scan** icon.

You see a window like this:

Scan Settings

Scanner: EPSON

Source: ADF

☐ Double-Sided

Document Size: Letter

Image Type: Auto

Rotation: None

Resolution: Low   200 ⌃⌄ dpi

☐ Text Enhancement
☐ Correct Document Skew
☐ Skip Blank Page

☐ Show the confirmation dialog after scanning

Cancel   Scan

Note: If you want to use a scan job that you created instead, select it from the Job list in the Document Capture window, click the 📷 Start Job button, and skip the rest of these steps.

4. Select any displayed scan settings you want to use.

   Note: See the Help information in Document Capture for details.

5. If you want to select detailed scan settings, close the Scan Settings window, open the **Scan** menu at the top of the Mac desktop, and select **Displays the EPSON Scan Setup Screen**.

6. Click the 🔲 Scan icon and select any detailed scan settings you want to use from the Epson Scan 2 window.

7. Click **Scan**.

You see a preview of your scan in the Document Capture window.

Note: You may have to close the Epson Scan 2 window to view your scan in the Document Capture window.

8. If you would like to scan additional originals and add them to the current captured images, click the + icon, select **Acquire from Scanner**, and repeat the previous steps.

9. Check the scanned images and edit them as necessary.

10. Open the **File** menu at the top of the Mac desktop and select **Save As**.

11. Select **PDF** as the **File Type** setting and click the **Options** button.

12. Select the **Create Searchable PDF** checkbox and click **OK**.

13. Click one of the Destination icons to choose where to send your scanned file. (If you cannot see all of the icons below, click the arrow next to the icons.)

14. Depending on the destination you chose, click **OK** or **Send** to complete the operation.

Saving a Scan as an Office Format File - Windows

You can use Document Capture Pro (Windows) to save your scans in one of the following Microsoft Office file formats: Microsoft Word (.docx), Microsoft Excel (.xlsx), or Microsoft PowerPoint (.pptx).

Note: The settings may vary, depending on the software version you are using. See the help information in Document Capture Pro for details.

1. Load your original in the product.

2. Do one of the following to start Document Capture Pro:

   - **Windows 10**: Click and select **Epson Software** > **Document Capture Pro**.

   - **Windows 8.x**: Navigate to the **Apps** screen and select **Document Capture Pro**.

   - **Windows (other versions)**: Click or **Start**, and select **All Programs** or **Programs**. Select **Epson Software** > **Document Capture Pro**.

3. If you see a **Switch to Simple View** button in the upper right corner of the window, click it.

   You see a window like this:

4. Click the **Scan Settings** button.

   You see a window like this:

5. Select any displayed settings you want to use and click **OK**.

   Note: See the help information in Document Capture Pro for details.

6. Click one of the destination icons (except **Print**) to choose where to send your scanned files. Your product starts scanning and you see the settings window.

7. Select the Office format file you want to use from the **File Type** drop-down list.

   Note: The first time you select an Office format file you are prompted to download a plug-in update for Microsoft Office files. Select **Yes** to download and install the plug-in.

8. Click **Option** to display additional settings.

9. Select any additional settings as necessary and click **OK**.

   Note: See the help information in Document Capture Pro for details.

10. Confirm your settings and click **OK**.

    Your originals are saved in the Office file format you selected.

Parent topic: Scanning Special Projects

## Saving a Scan as an Office Format File - Mac

You can use Document Capture (Mac) to save your scans in one of these Microsoft Office file fomats: Microsoft Word (.docx) and Microsoft Excel (.xlsx).

Note: The settings may vary, depending on the software version you are using. See the Help information in Document Capture for details.

1. Load your original in the product for scanning.

2. Open the **Applications** folder, open the **Epson Software** folder, and select **Document Capture**.

   You see a window like this:

   Note: You may need to select your scanner from the scanner list.

3. Click the ![Scan icon] **Scan** icon.

   You see a window like this:

   ![Scan Settings dialog window showing Scanner: EPSON, Source: ADF, Double-Sided checkbox, Document Size: Letter, Image Type: Auto, Rotation: None, Resolution: Low 200 dpi, Text Enhancement, Correct Document Skew, Skip Blank Page, and Show the confirmation dialog after scanning options, with Cancel and Scan buttons]

   Note: If you want to use a scan job that you created instead, select it from the Job list in the Document Capture window, click the ![Start Job button] Start Job button, and skip the rest of these steps.

4. Select any displayed scan settings you want to use.

   Note: See the Help information in Document Capture for details.

5. If you want to select detailed scan settings, close the Scan Settings window, open the **Scan** menu at the top of the Mac desktop, and select **Displays the EPSON Scan Setup Screen**.

6. Click the ![Scan icon] Scan icon and select any detailed scan settings you want to use from the Epson Scan 2 window.

7. Click **Scan**.

    You see a preview of your scan in the Document Capture window.

    Note: You may have to close the Epson Scan 2 window to view your scan in the Document Capture window.

8. If you would like to scan additional originals and add them to the current captured images, click the + icon, select **Acquire from Scanner**, and repeat the previous steps.

9. Check the scanned images and edit them as necessary.

10. Open the **File** menu at the top of the Mac desktop and select **Save As**.

11. Select **DOCX** (Word) or **XLSX** (Excel) as the **File Type** setting.

    Note: The first time you select an Office file type setting in Document Capture, you see a prompt to download a necessary plug-in for Microsoft Office files. Select **Yes** and follow the on-screen instructions to download and install the plug-in to continue.

12. Click the **Options** button, select any necessary Office file type options, and click **OK**.

13. Click one of the Destination icons to choose where to send your scanned file. (If you cannot see all of the icons below, click the arrow next to the icons.)

14. Depending on the destination you chose, click **OK** or **Send** to complete the operation.

Parent topic: Scanning Special Projects

Scanning to a SharePoint Server or Cloud Service

You can use Document Capture Pro to upload scanned images to a SharePoint server or a cloud service.

Note: The settings may vary, depending on the software version you are using. See the help information in Document Capture Pro for details.

1. Load your original in the product.
2. Do one of the following to start Document Capture Pro:
   - **Windows 10**: Click ▦ and select **Epson Software** > **Document Capture Pro**.
   - **Windows 8.x**: Navigate to the **Apps** screen and select **Document Capture Pro**.
   - **Windows (other versions)**: Click 🏁 or **Start**, and select **All Programs** or **Programs**. Select **Epson Software** > **Document Capture Pro**.
3. If you see a **Switch to Simple View** button in the upper right corner of the window, click it.

You see a window like this:

4. Click the **Scan Settings** button.

You see a window like this:

5. Select any displayed settings you want to use and click **OK**.

   Note: See the help information in Document Capture Pro for details.

6. Click one of the cloud server or service destination icons in the **Scan and...** section of the window. Your product starts scanning and you see the settings window.

   Note: If you cannot see all of the icons, the service software may not be installed or the service may not be available on your platform.

7. Enter any required information to set up the destination. You may need to log in to your cloud service to authenticate the connection and allow Document Capture Pro to access the cloud service. If you have previously created a saved setting for the destination, select it from the drop-down list.

8. Adjust any settings and click **OK**.

   Note: See the help information in Document Capture Pro for details.

   Your originals are uploaded to the indicated server or cloud service.

Parent topic: Scanning Special Projects

Cleaning and Transporting Your Scanner

See these sections if you need to clean or transport your scanner.

Cleaning Your Scanner

Cleaning the ADF

Transporting Your Scanner

Cleaning Your Scanner

To keep your product working at its best, you should clean it several times a year.

Caution: Do not use a hard brush, alcohol, or paint thinner to clean the product or you may damage it. Do not use oil or other lubricants inside the product or let water get inside it. Do not open the product case. Do not press the surface of the scanner glass with any force and be careful not to scratch or damage the scanner glass. A damaged glass surface can decrease the scan quality.

1. Turn off the scanner using the ⏻ power button.

2. Unplug the AC power cord.

3. Disconnect the USB cable.

4. Clean the outer case with a cloth dampened with mild detergent and water.

5. If the scanner glass gets dirty, clean it with a soft, dry cloth. If the glass surface is stained with grease or some other hard-to-remove material, use a small amount of glass cleaner on a soft cloth to remove it. Wipe off all remaining liquid.

   Note: Do not spray glass cleaner directly on the scanner glass. Do not use the Epson cleaning kit to clean the scanner glass. Make sure that no dust builds up on the surface of the scanner glass. Dust can cause spots in your scanned images.

Parent topic: Cleaning and Transporting Your Scanner

Cleaning the ADF

Clean the ADF if you experience paper feed or scanned image quality problems, or you see a message on your computer telling you to clean it.

Caution: Do not use a hard brush, alcohol, or paint thinner to clean the product or you may damage it. Do not use oil or other lubricants inside the product or let water get inside it. Do not open the product case. Do not press the surface of the scanner glass with any force and be careful not to scratch or damage the scanner glass. A damaged glass surface can decrease the scan quality.

1. Open the ADF cover.
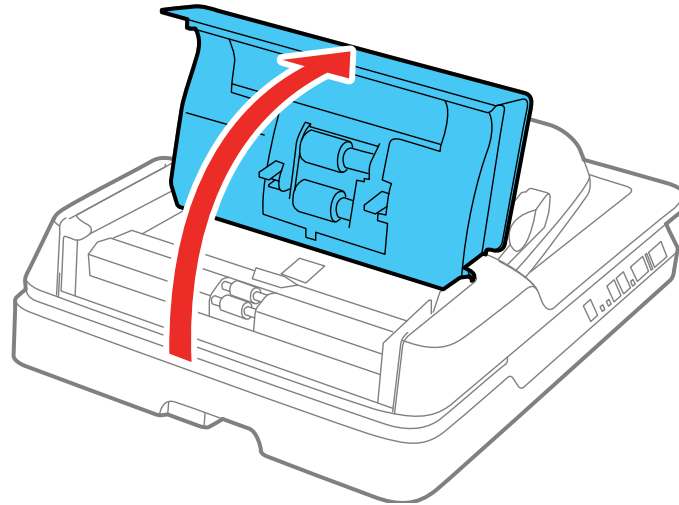
2. Use a soft, dry, lint-free cloth (microfiber is recommended) or the Epson cleaning kit to clean the rollers.
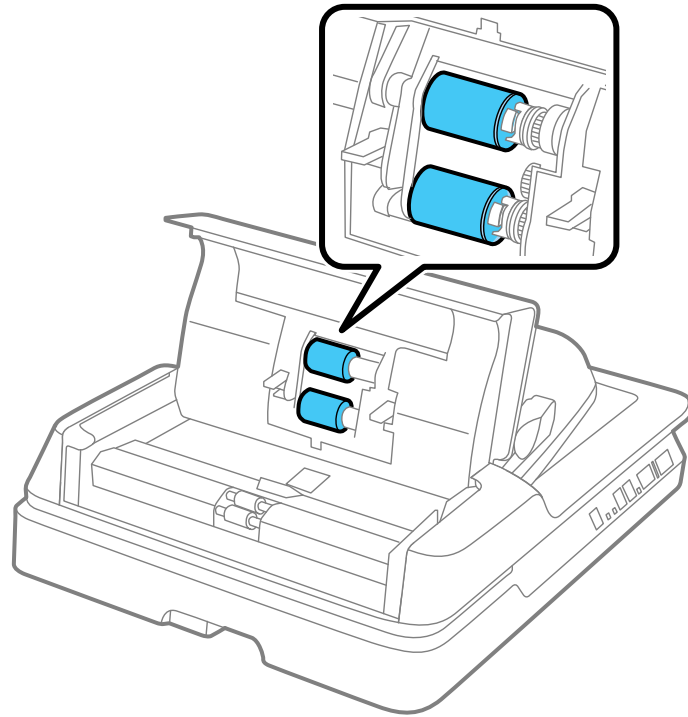
3. Close the ADF cover.

4. Open the ADF.
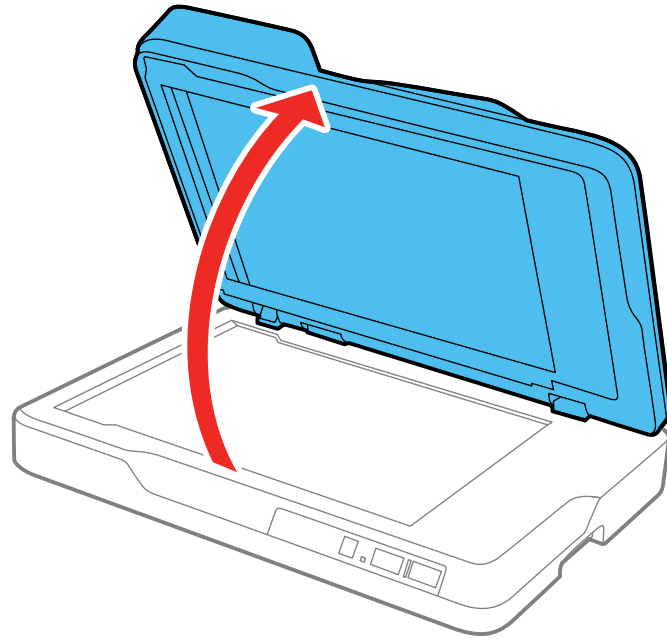
5. Press the tabs on the document mat and remove the mat.
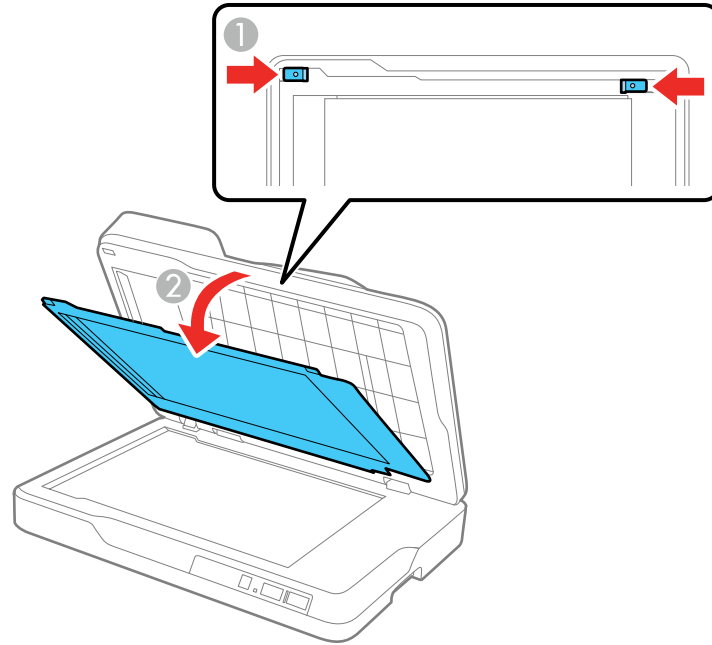
6. Use a soft, dry, lint-free cloth (microfiber is recommended) or the Epson cleaning kit to clean the reverse side of the clear portion of the document mat.
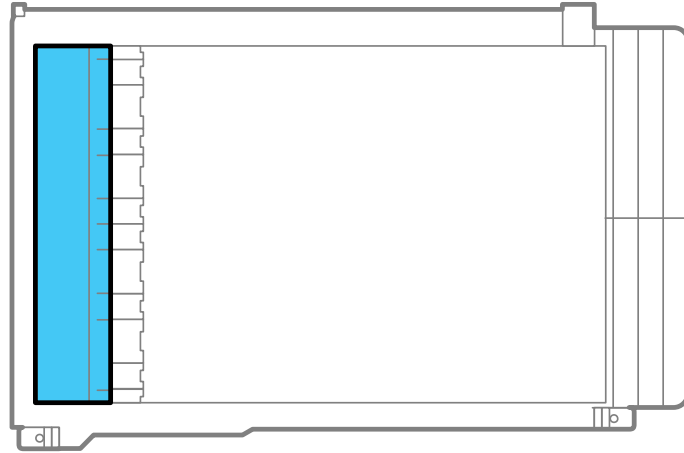
Caution: Do not wipe the clear portion with too much force or you may damage it.

7. Slide the notches on the base of the document mat into the scanner lid and push the top tabs into place until they click.
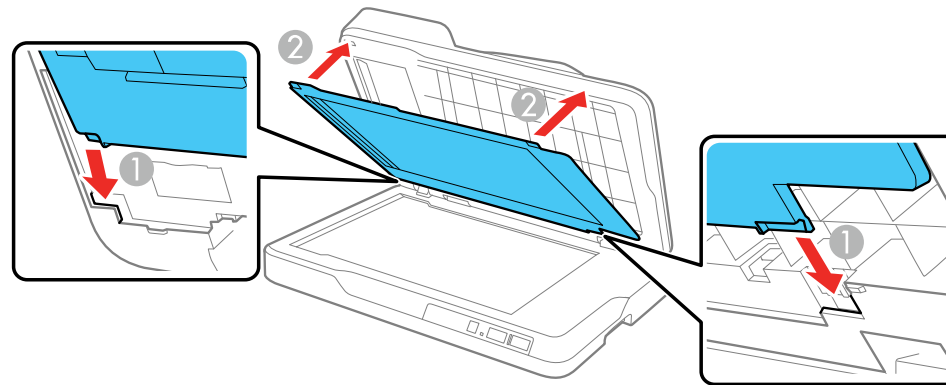
8. Close the ADF.

Parent topic: Cleaning and Transporting Your Scanner

Transporting Your Scanner

If you need to ship your product, transport it a long distance, or store it for an extended period, prepare it for transportation as described here.

1. Remove any originals from the scanner.

2. Turn off the scanner using the ⏻ power button.

3. Unplug the AC power cord.

4. Disconnect the USB cable.

5. Place the scanner in its original packing materials if possible, or use equivalent materials with cushioning around the scanner.

   Caution: When carrying the scanner, hold it from the bottom on both sides. Avoid tilting the scanner, or the ADF may open and cause injury.

Parent topic: Cleaning and Transporting Your Scanner

Solving Problems

Check these sections for solutions to problems you may have using your product.

Scanner Light Status

You can often diagnose problems with your scanner by checking its lights.
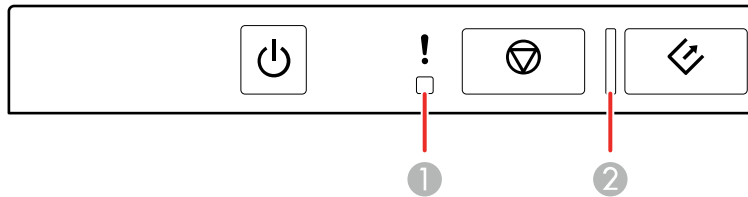
1	**!** error light
2	ready light

Light status	Condition/solution
! error light is flashing slowly	A paper jam has occurred. Open the ADF cover and remove any jammed originals. Close the cover to clear the error and load your originals again.
! error and ready lights are flashing fast	A fatal error has occurred. Turn the product off and then back on again. If the error continues, contact Epson for support.
! error light is on ready light is off	The firmware update has failed and the scanner is in recovery mode. Connect your product using a USB cable and try updating the firmware again. If the error continues, contact Epson for support.

Parent topic: Solving Problems

Related references

Originals Jam in the Automatic Document Feeder

Where to Get Help

Solving Scanning Problems

Check these solutions if you have problems scanning with your product.

Scanner Does Not Turn On or Turns Off Unexpectedly

Start Button Does Not Work as Expected

Scanning Software Does Not Operate Correctly

Cannot Start Epson Scan 2

Scanning is Slow

Parent topic: Solving Problems

Scanner Does Not Turn On or Turns Off Unexpectedly

If the scanner does not turn on or if it turns off unexpectedly, try these solutions:

- Make sure the power cord is securely connected to the scanner and to a working electrical outlet.

- If the scanner turns off unexpectedly, you may need to adjust the **Power Off Timer** setting in the Epson Scan 2 Utility.

Parent topic: Solving Scanning Problems

Related tasks

Changing the Power Off and Sleep Timer Settings

Start Button Does Not Work as Expected

If the ✧ start✧ start button does not start the correct program or perform the correct action, try these solutions:

- Make sure the scanner is securely connected to your computer.

- Make sure Epson Scan 2 is installed correctly.

- Make sure Document Capture Pro (Windows) or Document Capture (Mac) is installed correctly.

- Make sure the correct settings were assigned to the scanner button in Document Capture Pro (Windows) or Document Capture (Mac).

Parent topic: Solving Scanning Problems

Scanning Software Does Not Operate Correctly

If your scanning software does not operate correctly, try these solutions:

- Make sure your computer has adequate memory and meets the system requirements for your operating system.

- Make sure your computer is not running in a power-saving mode, such as sleep or standby. If so, wake your system and restart your scanning software.

- Make sure the scanner is turned on.

- Make sure the connection between the scanner and your computer is secure.

- If you upgraded your operating system but did not reinstall your scanning software, try reinstalling it.

- In Windows, be sure that the scanner is listed under **Imaging Devices** in the Device Manager.

- If you connected the scanner using a USB cable, make sure it is connected directly to your computer or through only one USB hub.

- If you are using a TWAIN-compliant program, make sure that the correct product is selected as the **Scanner** or **Source** setting.

- If you are using the scanner with the optional Network Interface Unit, make sure the network cable is securely connected.

Parent topic: Solving Scanning Problems

Related references

Windows System Requirements

Mac System Requirements

Cannot Start Epson Scan 2

If you cannot start Epson Scan 2, try these solutions:

- Make sure your scanner is turned on and any interface cables are securely connected at both ends.

- Make sure your computer is not running in a power-saving mode, such as sleep or standby. If so, wake your system and restart Epson Scan 2.

- If you connected the scanner using a USB cable, make sure it is connected directly to your computer or through only one USB hub.

- If you upgraded your operating system but did not reinstall Epson Scan 2, try reinstalling it.
- If you are using a TWAIN-compliant program, make sure that the correct product is selected as the **Scanner** or **Source** setting.

Parent topic: Solving Scanning Problems

Related concepts
Uninstall Your Scanner Software

Scanning is Slow

If scanning becomes slow, try these solutions:

- Scan your original at a lower resolution, if possible.
- Make sure your system meets the requirements for your operating system. If you are scanning a high-resolution image, you may need more than the minimum requirements. If necessary, increase your system's memory or reduce the resolution.
- If scanning becomes slower after scanning continuously with the ADF for a long time, the scanner may have automatically slowed down to protect the scanner mechanism from overheating or becoming damaged. Let the scanner rest with the power on for 30 minutes, then try scanning again.
- If you are running virus protection or other security software, exclude the TWAIN.log files from monitoring or set the TWAIN.log file as read only. See your virus protection or security software instructions for details. The TWAIN.log file is saved in C:\Users\(user name)\AppData\Local\Temp.

  Note: You may need to unhide system folders to view files in that location.

Parent topic: Solving Scanning Problems

Related references
Windows System Requirements
Mac System Requirements

Solving Original Document Feeding Problems

Check these solutions if you have problems feeding originals through your product.

Originals Do Not Feed From the Automatic Document Feeder
Originals Jam in the Automatic Document Feeder

Parent topic: Solving Problems

Originals Do Not Feed From the Automatic Document Feeder

If your originals do not feed when placed in the ADF, try these solutions:

- Make sure the size, weight, and number of your originals are supported by the ADF.
- Make sure the originals are loaded correctly.
- Make sure the document is not curled or creased.
- Try cleaning the inside of the ADF.

Parent topic: Solving Original Document Feeding Problems

Related references
Original Document Specifications for the ADF

Related tasks
Cleaning the ADF

Related topics
Placing Originals on the Scanner

Originals Jam in the Automatic Document Feeder

If your originals jam in the ADF, follow the steps here to clear the jam.

1. Remove your originals from the input tray.
2. Raise the ADF cover and remove any jammed originals.
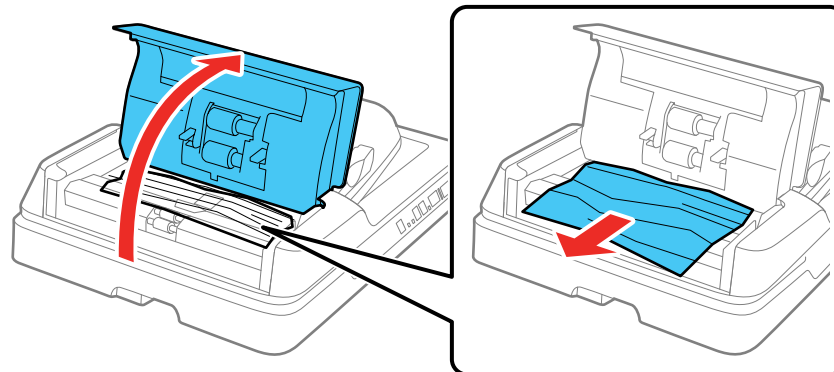
3. If you cannot remove the originals, make sure the ADF cover is open and raise the ADF.
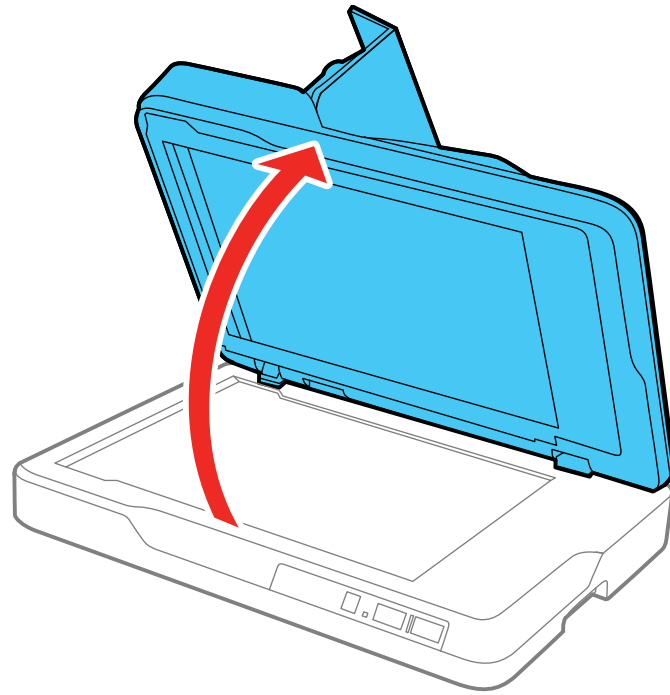
4. Press the tabs on the document mat and remove the mat.
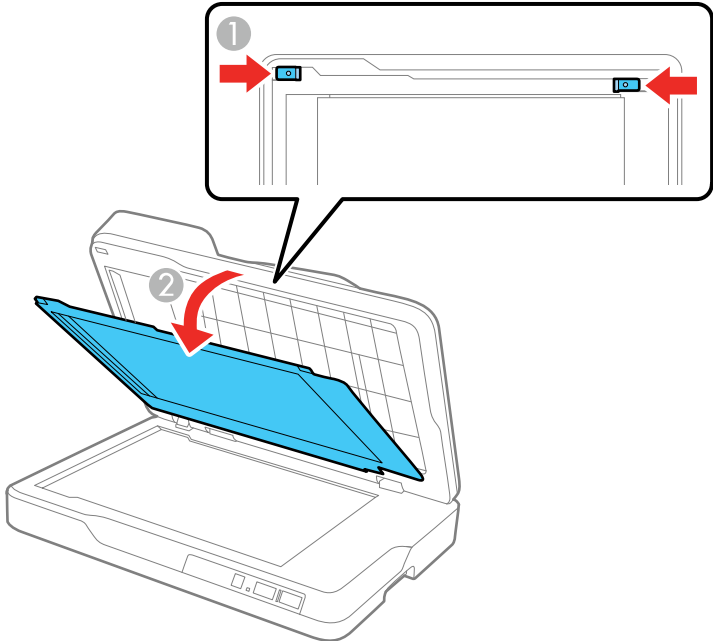
5. Carefully remove any jammed originals.
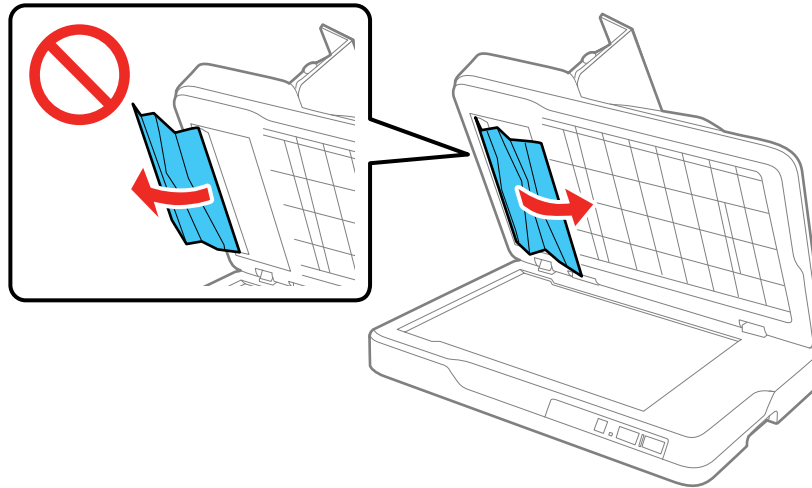
6. Slide the notches on the base of the document mat into the scanner lid and push the top tabs into place until they click.
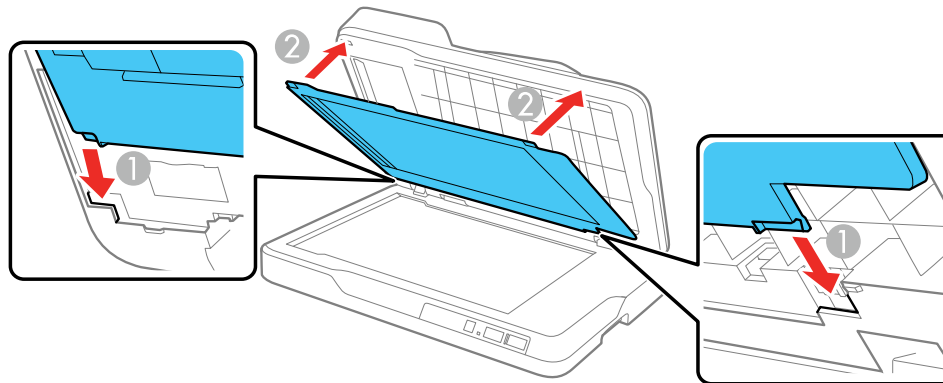
7. Close the ADF, then close the ADF cover.

8. Reload your originals.

Caution: Make sure your originals meets the specifications for the ADF before loading them.

Parent topic: Solving Original Document Feeding Problems

Related references

Original Document Specifications for the ADF

Related topics

Placing Originals on the Scanner

Solving Scanned Image Quality Problems

Check these sections if a scanned image on your computer screen has a quality problem.

Image Consists of a Few Dots Only
Line of Dots Appears in All Scanned Images
Straight Lines in an Image Appear Crooked
Image is Distorted or Blurry
Image Colors are Patchy at the Edges
Image is Too Dark
Back of Original Image Appears in Scanned Image
Characters are not Recognized During Conversion to Editable Text (OCR)
Binding Margins on a Scanned Booklet are Blurry
Ripple Patterns Appear in an Image
Scanned Image Colors Do Not Match Original Colors
Scanned Image Edges are Cropped
Resetting the Epson Scan 2 Settings

Parent topic: Solving Problems

Image Consists of a Few Dots Only

If your scanned image consists only of a few dots, try these solutions:

- Make sure you placed your original for scanning facing the correct way.

- If the **Image Type** setting is **Black & White**, adjust the **Threshold** and scan again.

Parent topic: Solving Scanned Image Quality Problems

Related references

Additional Scanning Settings - Advanced Settings Tab

Related topics

Placing Originals on the Scanner

Line of Dots Appears in All Scanned Images

If a line of dots appears in all your scanned images, try these solutions:

• Clean the scanner glass with a soft, dry, lint-free cloth or use a small amount of glass cleaner on the cloth, if necessary. Paper towels are not recommended.

Caution: Do not spray glass cleaner directly on the scanner glass.

• Make sure any interface cables are securely connected at both ends.

Parent topic: Solving Scanned Image Quality Problems

Related tasks

Cleaning Your Scanner

Straight Lines in an Image Appear Crooked

If straight lines in an original appear crooked in a scanned image, make sure to place your original straight when you scan it.

Parent topic: Solving Scanned Image Quality Problems

Related tasks

Cleaning the ADF

Related topics

Placing Originals on the Scanner

Image is Distorted or Blurry

If a scanned image appears distorted or blurry, try these solutions:

• Make sure your original is not wrinkled or warped. This may prevent the original from laying flat on the scanner glass.

• Do not move your original or your product during scanning.

• Your product will not operate properly while tilted at an angle. Place your product on a flat, stable surface that extends beyond its base in all directions.

- Adjust these Epson Scan 2 settings (if available) and try scanning again:
  - Increase the **Resolution** setting.
  - If the **Image Type** setting is **Black & White**, adjust the **Threshold** setting.
  - If the **Image Type** setting is **Color** or **Grayscale**, select the **Unsharp Mask** setting.
  - If the **Image Type** setting is **Black & White**, select **Text Enhancement**. If the **Image Type** setting is **Color** or **Grayscale**, change the **Text Enhancement** setting to **High**.

Parent topic: Solving Scanned Image Quality Problems

Related references

Additional Scanning Settings - Advanced Settings Tab

Related tasks

Scanning in Epson Scan 2

Image Colors are Patchy at the Edges

If you are scanning a thick or warped original, cover its edges with paper to block external light as you scan it.

Parent topic: Solving Scanned Image Quality Problems

Image is Too Dark

If your scanned image is too dark, try these solutions:

- If the **Image Type** is set to **Color** or **Grayscale**, adjust the **Brightness** setting.
- Check the brightness and contrast settings of your computer monitor.

Parent topic: Solving Scanned Image Quality Problems

Related references

Additional Scanning Settings - Advanced Settings Tab

Back of Original Image Appears in Scanned Image

If an image from the back of a thin original appears in your scanned image, try these solutions:

- Place a piece of black paper on the back of the original and scan it again.
- Adjust these Epson Scan 2 settings (if available) and try scanning again:
  - Select the **Advanced Settings** tab and adjust the **Brightness** setting.
  - Select **Text Enhancement**.

Parent topic: Solving Scanned Image Quality Problems

Related references

Additional Scanning Settings - Advanced Settings Tab

Characters are not Recognized During Conversion to Editable Text (OCR)

If characters in your scanned images are not recognized during OCR conversion, try these solutions:

- Make sure your original is loaded straight on your product.

- Use an original with clear text.

- Adjust these Epson Scan 2 settings (if available) and try scanning again:

  - Select the correct **Image Type** setting.

  - Select or adjust the **Text Enhancement** setting.

  - If the **Image Type** is set to **Black & White**, adjust the **Threshold** setting.

  - Select the correct **Text Language** setting.

  - Set the **Image Type** to **Grayscale**.

- Set the scanning resolution between 200 and 600 dpi.

- If the original document is in landscape mode, set the **Rotate** setting to **Auto** in Epson Scan 2.

- If you are using OCR software, check the manual for any additional adjustments.

Parent topic: Solving Scanned Image Quality Problems

Related references

Additional Scanning Settings - Advanced Settings Tab

Related tasks

Scanning in Epson Scan 2

Related topics

Placing Originals on the Scanner

Binding Margins on a Scanned Booklet are Blurry

When scanning a booklet on the scanner glass, characters may appear distorted or blurred on the binding margin. If this occurs, the characters may not be recognized correctly when you save the scanned image as a searchable PDF.

To decrease distortion or blurring, gently press down on the document cover to flatten the booklet while scanning.

Caution: Do not press down on the document cover with too much force, or you may damage the booklet or scanner.

Parent topic: Solving Scanned Image Quality Problems

Ripple Patterns Appear in an Image

You may see a ripple pattern (called a moiré) in scanned images of printed documents. This is caused by interference from differing pitches in the scanner's screen and your original's halftone screen. To reduce this effect, adjust these Epson Scan 2 settings (if available) and try scanning again:

• Select the **Descreening** setting.

• Select a lower **Resolution** setting.

Parent topic: Solving Scanned Image Quality Problems

Related references

Additional Scanning Settings - Advanced Settings Tab

Related tasks

Scanning in Epson Scan 2

Scanned Image Colors Do Not Match Original Colors

Printed colors can never exactly match the colors on your computer monitor because printers and monitors use different color systems: monitors use RGB (red, green, and blue) and printers typically use CMYK (cyan, magenta, yellow, and black).

Check the color matching and color management capabilities of your computer, display adapter, and the software you are using to see if they are affecting the palette of colors you see on your screen.

To adjust the colors in your scanned image, adjust these Epson Scan 2 settings (if available) and try scanning again:

• If the **Image Type** setting is **Color** or **Grayscale**, adjust the **Contrast** setting.

• If the **Image Type** setting is **Black & White** or **Grayscale**, adjust the **Color Enhance** setting.

Parent topic: Solving Scanned Image Quality Problems

Related references

Additional Scanning Settings - Advanced Settings Tab

Scanned Image Edges are Cropped

If the edges of a scanned image are cropped, make sure your original is placed correctly for scanning. If necessary, move your original away from the edges of the scanner glass slightly.

Parent topic: Solving Scanned Image Quality Problems

Related topics

Placing Originals on the Scanner

Resetting the Epson Scan 2 Settings

If you continue to experience image quality problems after trying all possible solutions, you may need to reset the Epson Scan 2 settings using the Epson Scan 2 Utility.

1. Do one of the following to start the Epson Scan 2 Utility:

    - **Windows 10**: Click ■ > **EPSON** > **Epson Scan 2 Utility**.

    - **Windows 8.x**: Navigate to the **Apps** screen and select **Epson Scan 2 Utility**.

    - **Windows (other versions)**: Click ■ or **Start**, and select **All Programs** or **Programs**. Select **EPSON** > **Epson Scan 2** > **Epson Scan 2 Utility**.

    - **Mac**: Open the **Applications** folder, open the **Epson Software** folder, and select **Epson Scan 2 Utility**.

2. Click the **Other** tab.

3. Click **Reset**.

Note: If resetting the Epson Scan 2 settings does not solve your problem, uninstall Epson Scan 2 and re-install it.

Parent topic: Solving Scanned Image Quality Problems

Related concepts

Uninstall Your Scanner Software

Uninstall Your Scanner Software

If you have a problem that requires you to uninstall and re-install your software, follow the instructions for your operating system.

Uninstalling Scanner Software - Windows

Uninstalling Scanner Software - Mac

Parent topic:

Uninstalling Scanner Software - Windows

You can uninstall and then re-install your scanner software to solve certain problems.

1. Turn off the scanner.

2. Disconnect any interface cables.

3. Do the following to uninstall each of your scanning software programs and follow any on-screen instructions:

   - **Windows 10**: Click ▣ and select ⚙ (Settings) > **Apps** > **Apps & features**. Select the scanner software program and right-click **Uninstall**.

   - **Windows 8.x**: Navigate to the **Apps** screen and select **Control Panel** > **Programs** > **Programs and Features**. Select the scanner software program and right-click **Uninstall/Change**.

   - **Windows 7**: Open the Windows **Control Panel** utility. Select **Programs and Features**. (In Classic view, select **Programs** and click **Uninstall a program**.) Select the scanner software program and click **Uninstall/Change**.

4. Restart your computer, then see the *Start Here* sheet to re-install your software.

Note: If you find that re-installing your scanner software does not solve a problem, contact Epson.

Parent topic:

Uninstalling Scanner Software - Mac

In most cases, you do not need to uninstall your scanner software before re-installing it. However, you can download the Uninstaller utility from the Epson support website to uninstall your scanner software as described here.

1. To download the Uninstaller utility, visit epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean) and select your product.

2. Follow the instructions on the screen to install the Uninstaller utility.

3. Quit all applications currently running on your Mac.

4. Double-click the **Uninstaller** icon.

5. In the Epson Uninstaller screen, select the checkbox for each software program you want to uninstall.

6. Click **Uninstall**.

7. Follow the on-screen instructions to uninstall the software.

8. To reinstall your scanner software, see the *Start Here* sheet for instructions.

Note: If you find that re-installing your scanner software does not solve a problem, contact Epson.

Parent topic: Uninstall Your Scanner Software

Where to Get Help

If you need to contact Epson for technical support services, use the following support options.

Internet Support

Visit Epson's support website at epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean) and select your product for solutions to common problems with your product. You can download utilities and documentation, get FAQs and troubleshooting advice, or e-mail Epson with your questions.

Speak to a Support Representative

Before you call Epson for support, please have the following information ready:

- Product name
- Product serial number (located on a label on the product)
- Proof of purchase (such as a store receipt) and date of purchase
- Computer configuration
- Description of the problem

Then call:

- U.S.: (562) 276-4382, 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday
- Canada: (905) 709-3839, 6 AM to 8 PM, Pacific Time, Monday through Friday, and 7 AM to 4 PM, Pacific Time, Saturday

Days and hours of support are subject to change without notice. Toll or long distance charges may apply.

Note: For help using any other software on your system, see the documentation for that software for technical support.

Purchase Supplies and Accessories

You can purchase genuine Epson accessories at epson.com (U.S. sales), epson.ca (Canadian sales), or epson.com.jm (Caribbean sales). You can also purchase accessories from an Epson authorized reseller. To find the nearest one, call 800-GO-EPSON (800-463-7766) in the U.S. or 800-807-7766 in Canada.

Parent topic: Solving Problems

Technical Specifications

These sections list the technical specifications for your scanner.

Note: Epson offers a recycling program for end of life Epson products. Please go to this site (U.S) or this site (Canada) for information on how to return your Epson products for proper disposal.

Windows System Requirements
Mac System Requirements
General Specifications
Dimension Specifications
Electrical Specifications
Environmental Specifications
Safety and Approvals Specifications

Windows System Requirements

To use your product and its software, your computer should use one of these Microsoft operating systems:

- Windows 10

- Windows 8.x

- Windows 7

Note: For the latest product software available for your operating system, visit the Epson support site at epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean), select your product, and select **Downloads**.

Parent topic: Technical Specifications

Mac System Requirements

To use your product and its software, your Mac should use one of these operating systems:

- macOS 10.13.x

- macOS 10.12.x

- OS X 10.11.x

- OS X 10.10.x
- OS X 10.9.x
- OS X 10.8.x
- OS X 10.7.x
- OS X 10.6.8

Note: The UNIX File System (UFS) and Fast User Switching is not supported.

Note: For the latest product software available for your operating system, visit the Epson support site at epson.com/support (U.S.), epson.ca/support (Canada), or epson.com.jm/support (Caribbean), select your product, and select **Downloads**.

Parent topic: Technical Specifications

General Specifications

Scanner type	Flatbed color with ADF
Photoelectric device	CIS
Document size	**ADF double-sided**:
	Maximum: 8.5 × 11.7 inches (216 × 297 mm)
	Minimum: 3.5 × 6.7 inches (89 × 170 mm)
	ADF single-sided:
	Maximum: 8.5 × 15.5 inches (216 × 394 mm)
	Minimum: 3.5 × 5.0 inches (89 × 127 mm)
	ADF single-sided long paper mode (300 dpi):
	Maximum: 8.5 × 120.0 inches (216 × 3048 mm)
	Minimum: 3.5 × 15.5 inches (89 × 394 mm)
	Scanner glass:
	Maximum: 8.5 × 11.7 inches (216 × 297 mm)
Paper input	Faceup loading
Paper output	Facedown ejection

Paper capacity	50 sheets of paper at 21 lb (80 g/m^2) weight
Scanning resolution	ADF: 600 dpi (main scan), 600 dpi (sub scan)
	Scanner glass: 1200 dpi (main scan), 2400 dpi (sub scan)
Output resolution	ADF: 50 to 600 dpi for scans between 5.0 to 15.5 inches (127 to 394 mm) long; 50 to 300 dpi for scans between 15.5 inches to 120.0 inches (394 to 3048 mm) long
	Scanner glass: 50 to 1200 dpi (in 1 dpi increments)
Image data	Color:
	30 bits per pixel internal (10 bits per pixel per color internal)
	24 bits per pixel external (8 bits per pixel per color external)
	Grayscale:
	10 bits per pixel internal
	8 bits per pixel external
	Black and white:
	10 bits per pixel internal
	1 bits per pixel external
Interface	One USB 3.0 (SuperSpeed) Type B port
Light source	RGB LED

Parent topic: Technical Specifications

Dimension Specifications

Height	4.8 inches (121 mm)
Width	17.7 inches (450 mm)
Depth	12.5 inches (318 mm)
Weight	9.0 lb (4.1 kg)

Note: Dimensions do not include projecting parts.

Parent topic: Technical Specifications

Electrical Specifications

Note: Check the label on the scanner for voltage information. Power consumption varies depending on operating conditions or whether an option is installed.

Power supply rating	100 to 240 V
	220 to 240 V
Rated frequency range	50 to 60 Hz
Rated current	100 to 240 V model: 0.3 to 0.2 A
	220 to 240 V model: 0.2 A
Power consumption (100 to 240 V model)	Operating: Approximately 11 W
	Ready mode: Approximately 5.8 W
	Sleep mode: Approximately 0.8 W
	Power off mode: Approximately 0.15 W
Power consumption (220 to 240 V model)	Operating: Approximately 11 W
	Ready mode: Approximately 6.2 W
	Sleep mode: Approximately 0.9 W
	Power off mode: Approximately 0.25 W

Parent topic: Technical Specifications

Environmental Specifications

Temperature	Operating: 50 to 95 °F (10 to 35 °C)
	Storage: –4 to 140 °F (–20 to 60 °C)
Humidity (non-condensing)	Operating: 20 to 80% RH
	Storage: 20 to 80% RH
Operating conditions	Ordinary office or home conditions

Note: Avoid operating the scanner in direct sunlight, near a strong light source, or in extremely dusty conditions.

Safety and Approvals Specifications

United States	Safety: UL60950-1
	EMC: FCC part 15 Subpart B class B
Canada	Safety: CAN/CSA C22.2 No. 60950-1
	EMC: CAN/CSA-CEI/IEC CISPR 22 Class B

Notices

Check these sections for important notices about your scanner.

Note: Epson offers a recycling program for end of life Epson products. Please go to this site (U.S) or this site (Canada) for information on how to return your Epson products for proper disposal.

Important Safety Instructions

Follow these safety instructions when setting up and using the scanner:

- Read all these instructions, and follow all warnings and instructions marked on the scanner.

- Place the scanner close enough to the computer for the interface cable to reach it easily.

- Do not use with wet hands.

- When connecting this product to a computer or other device with a cable, ensure the correct orientation of the connectors. Each connector has only one correct orientation. Inserting a connector in the wrong orientation may damage both devices connected by the cable.

- Do not insert objects into any opening as they may touch dangerous voltage points or short out parts. Beware of electrical shock hazards.

- Place the product on a flat, stable surface that extends beyond the base of the product in all directions. If you place the product by the wall, leave at least 3.9 inches (10 cm) between the back of the product and the wall.

- After replacing consumable parts, dispose of them correctly following the rules of your local authority. Do not disassemble them.

- Do not place heavy objects on the scanner glass and do not press down on the glass with too much force.

- Do not place or store the scanner outdoors, in a car, near excessive dirt or dust, water, heat sources, or in locations subject to shocks, vibrations, condensation, high temperature or humidity, direct sunlight, strong light sources, or rapid changes in temperature or humidity.

- Never disassemble, modify, or attempt to repair the scanner or a scanner option by yourself except as specifically explained in this guide.

Power cord

- Place the scanner near an electrical outlet where the power cord can be easily unplugged.

- The power cord should be placed to avoid abrasions, cuts, fraying, crimping, and kinking.

- Do not place objects on top of the power cord and do not allow the cord to be stepped on or run over. Be particularly careful to keep the power cord straight at the end.

- Avoid using outlets on the same circuit as photocopiers or air control systems that regularly switch on and off.

- Unplug the scanner and the power cord, and refer servicing to qualified service personnel under the following conditions: The power cord or plug is damaged; liquid has entered the scanner; the scanner has been dropped or the case has been damaged; the scanner does not operate normally or exhibits a distinct change in performance. (Do not adjust controls that are not covered by the operating instructions.)

- Unplug the scanner before cleaning. Clean with a damp cloth only. Do not use liquid or aerosol cleaners.

- If you are not going to use the scanner for a long period, be sure to unplug the power cord from the electrical outlet.

Parent topic:

Restrictions on Copying

Observe the following restrictions to ensure responsible and legal use of your scanner.

Copying of the following items is prohibited by law:

- Bank bills, coins, government-issued marketable securities, government bond securities, and municipal securities

- Unused postage stamps, pre-stamped postcards, and other official postal items bearing valid postage

- Government-issued revenue stamps, and securities issued according to legal procedure

Exercise caution when copying the following items:

- Private marketable securities (stock certificates, negotiable notes, checks, etc.), monthly passes, concession tickets, etc.

- Passports, driver's licenses, warrants of fitness, road passes, food stamps, tickets, etc.

Note: Copying these items may also be prohibited by law.

Restriction on disassembling and decompiling

You may not disassemble, decompile, or otherwise attempt to derive the source code of any software included with this product.

Parent topic: Notices

Default Delay Times for Power Management for Epson Products

This product will enter sleep mode after a period of nonuse. This is to ensure that the product meets Energy Star standards of energy efficiency. More energy savings can be achieved by setting the time to sleep to a shorter interval.

Parent topic: Notices

Binding Arbitration and Class Waiver

1. DISPUTES, BINDING INDIVIDUAL ARBITRATION, AND WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS

1.1 **Disputes**. The terms of this Section 1 shall apply to all Disputes between you and Epson. The term "Dispute" is meant to have the broadest meaning permissible under law and includes any dispute, claim, controversy or action between you and Epson arising out of or relating to this Agreement, Epson branded products (hardware and including any related software), or other transaction involving you and Epson, whether in contract, warranty, misrepresentation, fraud, tort, intentional tort, statute, regulation, ordinance, or any other legal or equitable basis. "DISPUTE" DOES NOT INCLUDE IP CLAIMS, or more specifically, a claim or cause of action for (a) trademark infringement or dilution, (b) patent infringement, (c) copyright infringement or misuse, or (d) trade secret misappropriation (an "IP Claim"). You and Epson also agree, notwithstanding Section 1.6,that a court, not an arbitrator, may decide if a claim or cause of action is for an IP Claim.

1.2 **Binding Arbitration**. You and Epson agree that all Disputes shall be resolved by binding arbitration according to this Agreement. **ARBITRATION MEANS THAT YOU WAIVE YOUR RIGHT TO A JUDGE OR JURY IN A COURT PROCEEDING AND YOUR GROUNDS FOR APPEAL ARE LIMITED**. Pursuant to this Agreement, binding arbitration shall be administered by JAMS, a nationally recognized

arbitration authority, pursuant to its code of procedures then in effect for consumer related disputes, but excluding any rules that permit joinder or class actions in arbitration (for more detail on procedure, see Section 1.6 below). You and Epson understand and agree that (a) the Federal Arbitration Act (9 U.S.C. §1, et seq.) governs the interpretation and enforcement of this Section 1, (b) this Agreement memorializes a transaction in interstate commerce, and (c) this Section 1 shall survive termination of this Agreement.

1.3 **Pre-Arbitration Steps and Notice**. Before submitting a claim for arbitration, you and Epson agree to try, for sixty (60) days, to resolve any Dispute informally. If Epson and you do not reach an agreement to resolve the Dispute within the sixty (60) days), you or Epson may commence an arbitration. Notice to Epson must be addressed to: Epson America, Inc., ATTN: Legal Department, 3840 Kilroy Airport Way, Long Beach, CA 90806 (the "Epson Address"). The Dispute Notice to you will be sent to the most recent address Epson has in its records for you. For this reason, it is important to notify us if your address changes by emailing us at EAILegal@ea.epson.com or writing us at the Epson Address above. Notice of the Dispute shall include the sender's name, address and contact information, the facts giving rise to the Dispute, and the relief requested (the "Dispute Notice"). Following receipt of the Dispute Notice, Epson and you agree to act in good faith to resolve the Dispute before commencing arbitration.

1.4 **Small Claims Court**. Notwithstanding the foregoing, you may bring an individual action in the small claims court of your state or municipality if the action is within that court's jurisdiction and is pending only in that court.

1.5 **WAIVER OF CLASS ACTIONS AND CLASS ARBITRATIONS. YOU AND EPSON AGREE THAT EACH PARTY MAY BRING DISPUTES AGAINST THE OTHER PARTY ONLY IN AN INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF OR CLASS MEMBER IN ANY CLASS OR REPRESENTATIVE PROCEEDING, INCLUDING WITHOUT LIMITATION FEDERAL OR STATE CLASS ACTIONS, OR CLASS ARBITRATIONS. CLASS ACTION LAWSUITS, CLASS-WIDE ARBITRATIONS, PRIVATE ATTORNEY-GENERAL ACTIONS, AND ANY OTHER PROCEEDING WHERE SOMEONE ACTS IN A REPRESENTATIVE CAPACITY ARE NOT ALLOWED. ACCORDINGLY, UNDER THE ARBITRATION PROCEDURES OUTLINED IN THIS SECTION, AN ARBITRATOR SHALL NOT COMBINE OR CONSOLIDATE MORE THAN ONE PARTY'S CLAIMS WITHOUT THE WRITTEN CONSENT OF ALL AFFECTED PARTIES TO AN ARBITRATION PROCEEDING.**

1.6 **Arbitration Procedure**. If you or Epson commences arbitration, the arbitration shall be governed by the rules of JAMS that are in effect when the arbitration is filed, excluding any rules that permit arbitration on a class or representative basis (the "JAMS Rules"), available at http://www.jamsadr.com or by calling 1-800-352-5267, and under the rules set forth in this Agreement. All Disputes shall be resolved by a single neutral arbitrator, and both parties shall have a reasonable opportunity to participate in the selection of the arbitrator. The arbitrator is bound by the terms of this Agreement. The arbitrator, and not any federal, state or local court or agency, shall have exclusive authority to resolve all disputes arising out of or relating to the interpretation, applicability, enforceability or formation of this Agreement, including any claim that all or any part of this Agreement is void or voidable. Notwithstanding this broad

delegation of authority to the arbitrator, a court may determine the limited question of whether a claim or cause of action is for an IP Claim, which is excluded from the definition of "Disputes" in Section 1.1 above. The arbitrator shall be empowered to grant whatever relief would be available in a court under law or in equity. The arbitrator may award you the same damages as a court could, and may award declaratory or injunctive relief only in favor of the individual party seeking relief and only to the extent necessary to provide relief warranted by that party's individual claim. In some instances, the costs of arbitration can exceed the costs of litigation and the right to discovery may be more limited in arbitration than in court. The arbitrator's award is binding and may be entered as a judgment in any court of competent jurisdiction.

You may choose to engage in arbitration hearings by telephone. Arbitration hearings not conducted by telephone shall take place in a location reasonably accessible from your primary residence, or in Orange County, California, at your option.

a) Initiation of Arbitration Proceeding. If either you or Epson decides to arbitrate a Dispute, both parties agree to the following procedure:

(i) Write a Demand for Arbitration. The demand must include a description of the Dispute and the amount of damages sought to be recovered. You can find a copy of a Demand for Arbitration at http://www.jamsadr.com ("Demand for Arbitration").

(ii) Send three copies of the Demand for Arbitration, plus the appropriate filing fee, to: JAMS, 500 North State College Blvd., Suite 600 Orange, CA 92868, U.S.A.

(iii) Send one copy of the Demand for Arbitration to the other party (same address as the Dispute Notice), or as otherwise agreed by the parties.

b) Hearing Format. During the arbitration, the amount of any settlement offer made shall not be disclosed to the arbitrator until after the arbitrator determines the amount, if any, to which you or Epson is entitled. The discovery or exchange of non-privileged information relevant to the Dispute may be allowed during the arbitration.

c) Arbitration Fees. Epson shall pay, or (if applicable) reimburse you for, all JAMS filings and arbitrator fees for any arbitration commenced (by you or Epson) pursuant to provisions of this Agreement.

d) Award in Your Favor. For Disputes in which you or Epson seeks $75,000 or less in damages exclusive of attorney's fees and costs, if the arbitrator's decision results in an award to you in an amount greater than Epson's last written offer, if any, to settle the Dispute, Epson will: (i) pay you $1,000 or the amount of the award, whichever is greater; (ii) pay you twice the amount of your reasonable attorney's fees, if any; and (iii) reimburse you for any expenses (including expert witness fees and costs) that your attorney reasonably accrues for investigating, preparing, and pursuing the Dispute in arbitration. Except as agreed upon by you and Epson in writing, the arbitrator shall determine the amount of fees, costs, and expenses to be paid by Epson pursuant to this Section 1.6d).

e) Attorney's Fees. Epson will not seek its attorney's fees and expenses for any arbitration commenced involving a Dispute under this Agreement. Your right to attorney's fees and expenses under Section

1.6d) above does not limit your rights to attorney's fees and expenses under applicable law; notwithstanding the foregoing, the arbitrator may not award duplicative awards of attorney's fees and expenses.

1.7 **Opt-out. You may elect to opt-out (exclude yourself) from the final, binding, individual arbitration procedure and waiver of class and representative proceedings specified in this Agreement by sending a written letter to the Epson Address within thirty (30) days of your assent to this Agreement (including without limitation the purchase, download, installation of the Software or other applicable use of Epson Hardware, products and services) that specifies (i) your name, (ii) your mailing address, and (iii) your request to be excluded from the final, binding individual arbitration procedure and waiver of class and representative proceedings specified in this Section 1. In the event that you opt-out consistent with the procedure set forth above, all other terms shall continue to apply, including the requirement to provide notice prior to litigation.**

1.8 **Amendments to Section 1**. Notwithstanding any provision in this Agreement to the contrary, you and Epson agree that if Epson makes any future amendments to the dispute resolution procedure and class action waiver provisions (other than a change to Epson's address) in this Agreement, Epson will obtain your affirmative assent to the applicable amendment. If you do not affirmatively assent to the applicable amendment, you are agreeing that you will arbitrate any Dispute between the parties in accordance with the language of this Section 1 (or resolve disputes as provided for in Section 1.7, if you timely elected to opt-out when you first assented to this Agreement).

1.9 **Severability**. If any provision in this Section 1 is found to be unenforceable, that provision shall be severed with the remainder of this Agreement remaining in full force and effect. **The foregoing shall not apply to the prohibition against class or representative actions as provided in Section 1.5. This means that if Section 1.5 is found to be unenforceable, the entire Section 1 (but only Section 1) shall be null and void.**

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