Canon

MG3500 series

Online Manual

Scanning

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Scanning

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What Is IJ Scan Utility (Scanner Software)?

IJ Scan Utility is an application that allows you to easily scan photos, documents, etc.

You can complete from scanning to saving at one time by simply clicking the corresponding icon in the IJ Scan Utility main screen.

What You Can Do with IJ Scan Utility

Scan Easily according to Purposes

You can scan by simply clicking an icon such as **Auto** to scan easily, **Photo** to scan with settings suitable for photos, or **Document** to sharpen text in a document or magazine for better readability, according to the item type or your purpose.

>>> Note

- Refer to "IJ Scan Utility Main Screen" for details on the IJ Scan Utility main screen.

Save Scanned Images Automatically
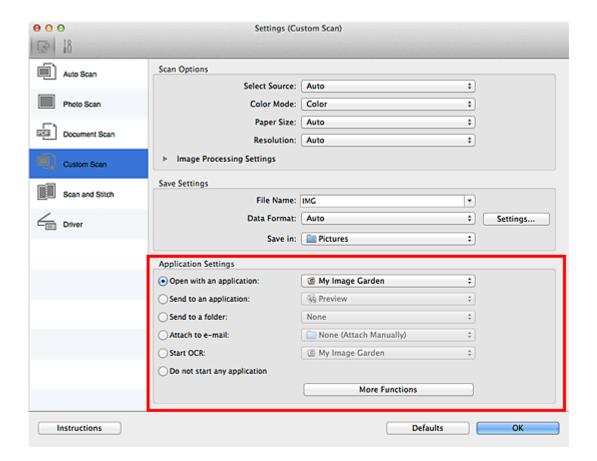
Scanned images are automatically saved in a preset folder. You can change the folder as required.

>>> Note

- The default save folder is the **Pictures** folder.
- Refer to "Settings Dialog" for how to specify a folder.

Integrate with Applications

You can utilize scanned images through integration with other applications; display scanned images in your favorite application, attach them to e-mails, extract text from images, and more.

Important

- Some functions are available only when My Image Garden is installed.

Note

- Refer to "Settings Dialog" for how to set the applications to integrate with.

Starting IJ Scan Utility

> **Note**
>
> ■ If you have more than one scanner or have changed the connection from USB connection to network connection, set up the network environment from IJ Scan Utility.
>
> ➡ **Network Scan Settings**

From the **Go** menu of Finder, select **Applications**, then double-click the **Canon Utilities** folder, **IJ Scan Utility** folder, and then **Canon IJ Scan Utility2** icon to start IJ Scan Utility.

Easy Scanning with Auto Scan

You can scan easily by automatically detecting the item type.

>>> Important

- The following types of items may not be scanned correctly. In that case, adjust the cropping frames (selection boxes; scan areas) in the screen displayed by clicking **Driver** in the IJ Scan Utility main screen and scan again.
  - Photos that have a whitish background
  - Items printed on white paper, hand-written documents, business cards, etc.
  - Thin items
  - Thick items

1. Make sure that your scanner or printer is turned on.

2. Place items on the platen of your scanner or printer.

   ➡Placing Items (When Scanning from a Computer)

3. Start IJ Scan Utility.

4. Click **Auto**.

   Scanning starts.

>>> Note
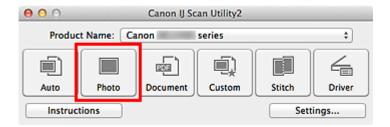
- Click **Cancel** to cancel the scan.
- To apply suitable corrections based on the item type, click **Settings...**, then select the **Apply recommended image correction** checkbox in the **Settings (Auto Scan)** dialog.
- Scanned images are saved in the folder set for **Save in** in the **Settings (Auto Scan) dialog** displayed by clicking **Settings...**. In the **Settings (Auto Scan)** dialog, you can also make advanced scan settings.
- Refer to the following pages to scan by specifying the item type.
- ➡Scanning Photos
- ➡Scanning Documents
- ➡Scanning with Favorite Settings

Scanning Photos

You can scan photos placed on the platen with settings suitable for photos.

1. Place the photo on the platen.

   ➡ Placing Items (When Scanning from a Computer)

2. Start IJ Scan Utility.

3. Click **Settings...**, select the **Settings (Photo Scan) dialog**, then set the paper size, resolution, etc. as required.

   When setting is completed, click **OK**.

4. Click **Photo**.
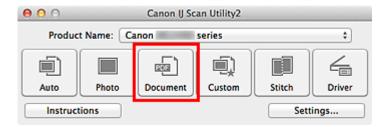
   Scanning starts.

   > **Note**
   >
   > ▪ Click **Cancel** to cancel the scan.
   > ▪ Scanned images are saved in the folder set for **Save in** in the **Settings (Photo Scan) dialog** displayed by clicking **Settings...**. In the **Settings (Photo Scan)** dialog, you can also make advanced scan settings.

Scanning Documents

You can scan items placed on the platen with settings suitable for documents.

1. Place the item on the platen.

   ➡ Placing Items (When Scanning from a Computer)

2. Start IJ Scan Utility.

3. Click **Settings...**, select the **Settings (Document Scan) dialog**, then set the paper size, resolution, etc. as required.

   When setting is completed, click **OK**.

4. Click **Document**.

   Scanning starts.

   >>> **Note**

   - Click **Cancel** to cancel the scan.
   - Scanned images are saved in the folder set for **Save in** in the **Settings (Document Scan) dialog** displayed by clicking **Settings...**. In the **Settings (Document Scan)** dialog, you can also make advanced scan settings.

Scanning with Favorite Settings

You can scan items placed on the platen with your favorite settings saved beforehand.
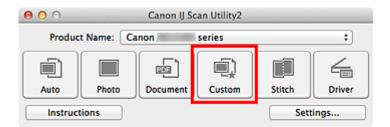
This is convenient for saving frequently used settings or when specifying scan settings in detail.

1. **Start IJ Scan Utility.**

2. Click **Settings...**, select the **Settings (Custom Scan) dialog**, then set the select source, resolution, etc.

   When setting is completed, click **OK**.

   >>> **Note**

   ■ Once the settings are made, you can scan with the same settings from the next time.

3. Place the item on the platen.

   ➡ Placing Items (When Scanning from a Computer)

4. Click **Custom**.

   Scanning starts.
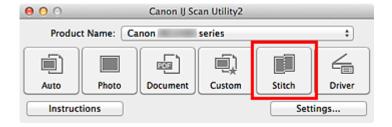
>>> **Note**

■ Click **Cancel** to cancel the scan.
■ Scanned images are saved in the folder set for **Save in** in the **Settings (Custom Scan) dialog** displayed by clicking **Settings...**. In the **Settings (Custom Scan)** dialog, you can also make advanced scan settings.

Scanning Items Larger than the Platen (Image Stitch)

You can scan the left and right halves of an item larger than the platen and combine them back into one image. Items up to approximately twice as large as the platen are supported.
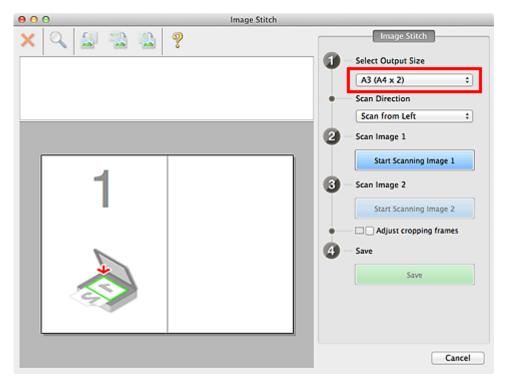
Note

- The following explains how to scan from the item to be placed on the left side.

1. **Start IJ Scan Utility.**

2. Click **Settings...**, select the **Settings (Scan and Stitch) dialog**, then set the item type, resolution, etc. as required.

   When setting is completed, click **OK**.

3. Click **Stitch**.
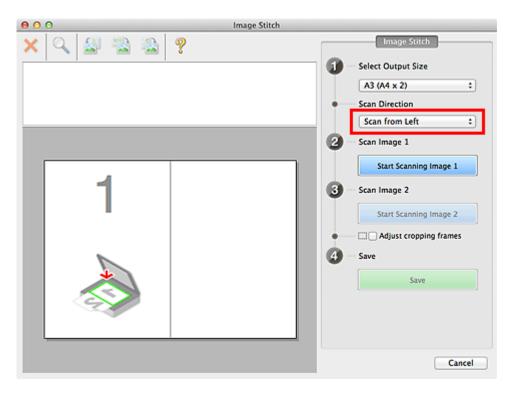
   The **Image Stitch** window appears.
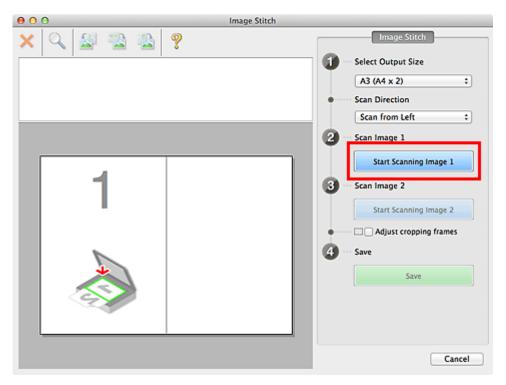
4. In **Select Output Size**, select an output size according to the paper size.

5. Make sure that **Scan from Left** is selected in **Scan Direction**.
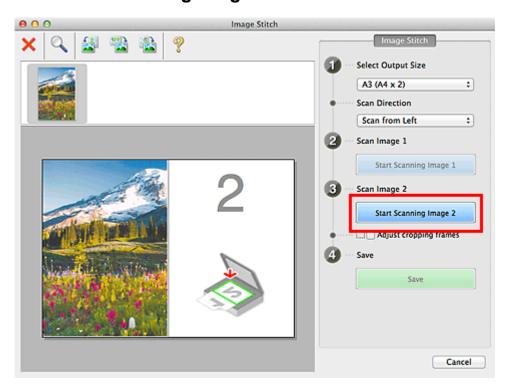
6. Place the item that is to be displayed on the left side of the screen face-down on the platen.

7. Click **Start Scanning Image 1**.

The first item is scanned and appears in **1**.

8. Place the item that is to be displayed on the right side of the screen face-down on the platen.

9. Click **Start Scanning Image 2**.
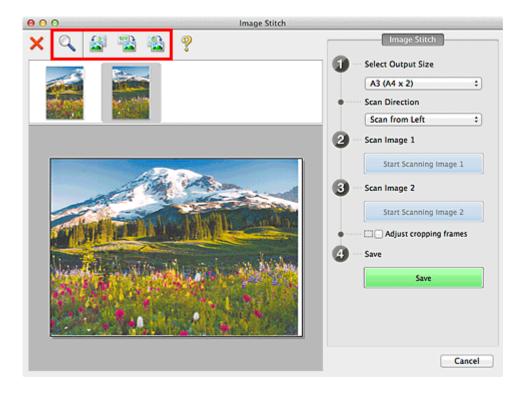
The second item is scanned and appears in **2**.

> **Note**
> - Click **Cancel** to cancel the scan.

10. Adjust the scanned images as required.
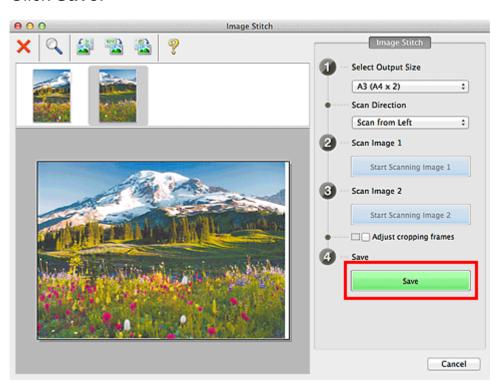
Use the Toolbar to rotate or zoom in/out, or drag the images to adjust their positions.

Note

- Select the **Adjust cropping frames** checkbox to specify the area to be saved.

  → Adjusting Cropping Frames in the Image Stitch Window

- To scan an item again, select the image in the Preview area or the thumbnail at the top of the screen, then click ✖ (Delete). The selected image is deleted, allowing you to scan the item again.

11. Click **Save**.

The combined image is saved.

▶▶ Note

- Refer to "Image Stitch Window" for details on the **Image Stitch** window.
- You can make advanced scan settings in the **Settings (Scan and Stitch)** dialog displayed by clicking **Settings...**.

Scanning Multiple Items at One Time

You can scan two or more photos (small items) placed on the platen at one time and save each image individually.

⚠️ Important

- The following types of items may not be scanned correctly. In that case, adjust the cropping frames (selection boxes; scan areas) in the screen displayed by clicking **Driver** in the IJ Scan Utility main screen and scan again.
  - Photos that have a whitish background
  - Items printed on white paper, hand-written documents, business cards, etc.
  - Thin items
  - Thick items

Using Auto Scan

Whether there are multiple items or not is detected automatically. Click **Auto** and scan.

➡ Easy Scanning with Auto Scan

Not Using Auto Scan

In the Settings dialog, set **Paper Size** to **Auto scan** and scan.

ℹ️ Note
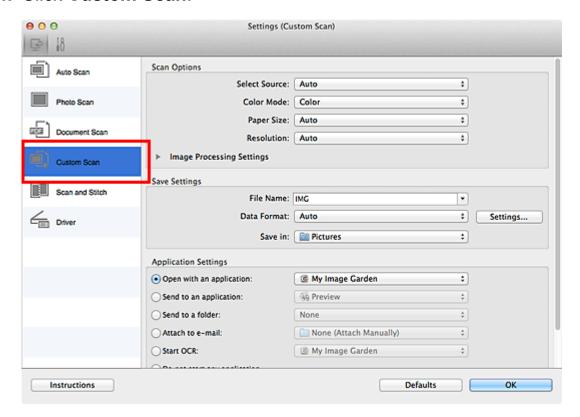
- The screens for scanning with favorite settings are used as examples in the following descriptions.

1. Place the items on the platen.

   ➡ Placing Items (When Scanning from a Computer)

2. Start IJ Scan Utility.

3. Click **Settings...**.
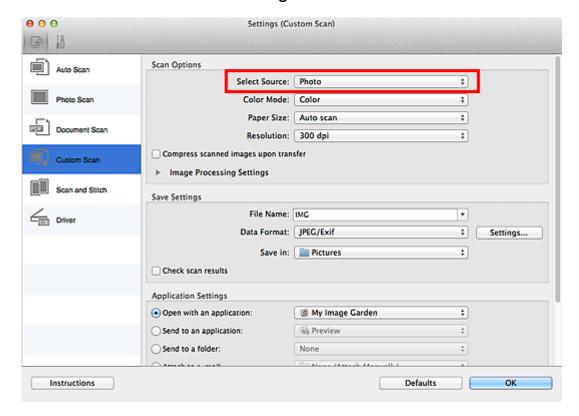
   The Settings dialog appears.
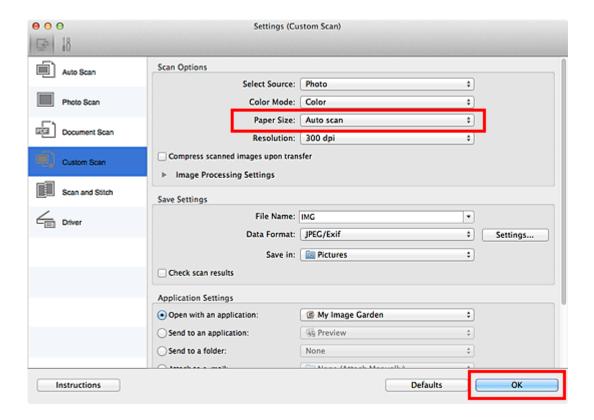
4. Click **Custom Scan**.

5. Select **Select Source** according to the items to be scanned.

6. Select **Auto scan** for **Paper Size**, then click **OK**.
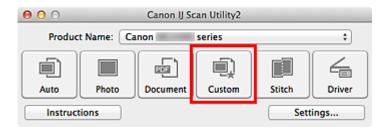
The IJ Scan Utility main screen appears.

> **Note**
>
> ■ Refer to the following pages for details on the setting items in the Settings dialog.
>
> ➡ Settings (Photo Scan) Dialog
>
> ➡ Settings (Document Scan) Dialog
>
> ➡ Settings (Custom Scan) Dialog

7. Click **Custom**.

Multiple items are scanned at one time.

> **Note**
>
> ■ Click **Cancel** to cancel the scan.
>
> ■ Scanned images are saved in the folder set for **Save in** in the corresponding Settings dialog displayed by clicking **Settings...**. In each Settings dialog, you can also make advanced scan settings.

Saving after Checking Scan Results

You can check the scan results, then save the images to a computer.

▶▶ Important

- You cannot check the scan results before saving when scanned using **Auto** scan.
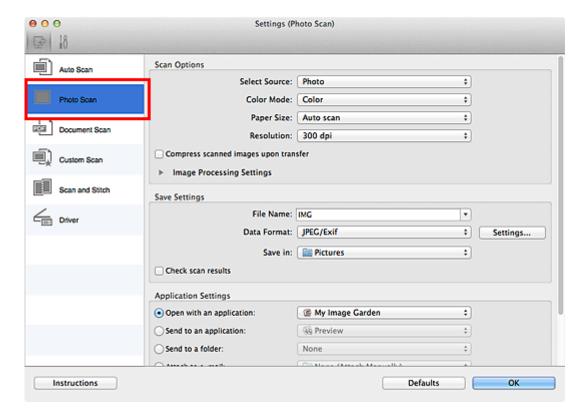
▶▶ Note

- The screens for scanning photos are used as examples in the following descriptions.

1. **Start IJ Scan Utility.**

2. **Click Settings....**

   The Settings dialog appears.
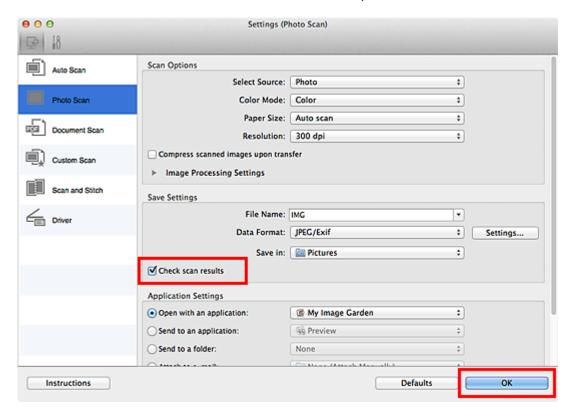
3. **Click Photo Scan.**

4. Select the **Check scan results** checkbox, then click **OK**.
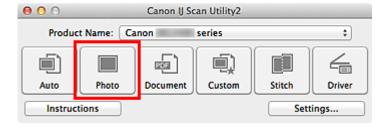
The IJ Scan Utility main screen appears.

>>> **Note**

- Refer to the following pages for details on the setting items in the Settings dialog.

➡ Settings (Photo Scan) Dialog

➡ Settings (Document Scan) Dialog

➡ Settings (Custom Scan) Dialog

➡ Settings (Scan and Stitch) Dialog

➡ Settings (Driver) Dialog

5. Click **Photo**.

Scanning starts.

When scanning is completed, the **Save Settings** dialog appears.

>>> **Note**

- Click **Cancel** to cancel the scan.

6. Change the image order or file save options as required.

You can change the image order or file save options in the **Save Settings** dialog.

>>> **Note**

- The default save folder is the **Pictures** folder.

7. Click **OK**.

Scanned images are saved according to the settings.

Sending Scanned Images via E-mail

You can send scanned images via e-mail.
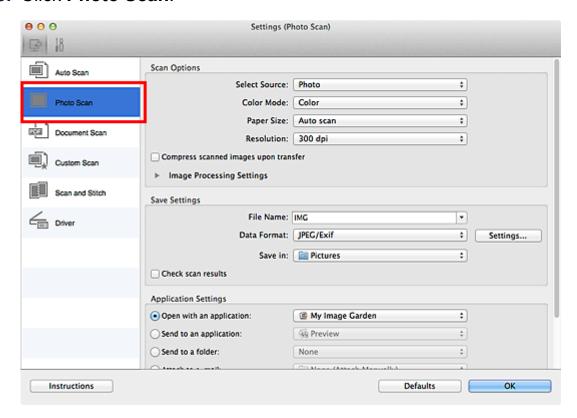
> **Note**
> - The screens for scanning photos are used as examples in the following descriptions.

1. **Start IJ Scan Utility.**

2. **Click Settings...**

   The Settings dialog appears.
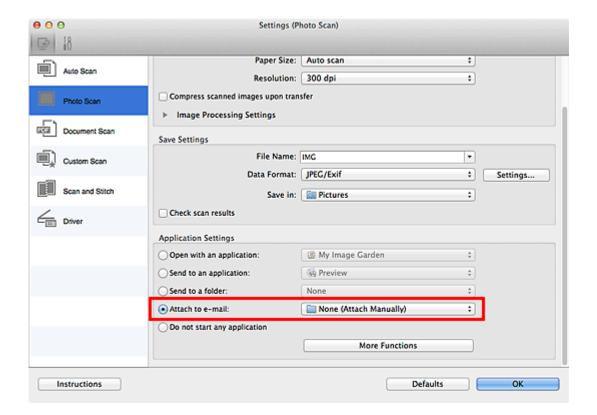
3. **Click Photo Scan.**
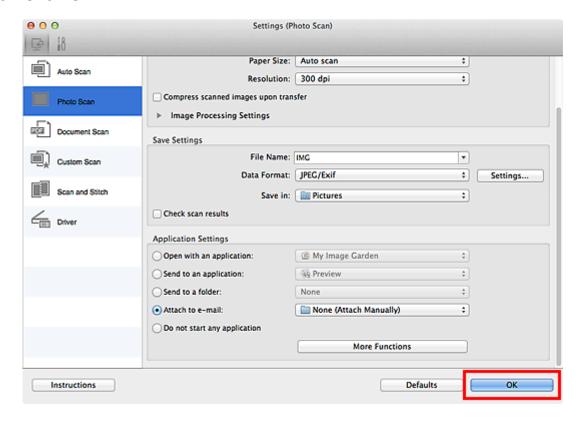
4. **Select Attach to e-mail in Application Settings**, then select an e-mail client.

> ### ▶▶▶ Note
>
> - You can add e-mail clients to use for attachments from the pop-up menu.
> - If **None (Attach Manually)** is selected, manually attach scanned and saved images to e-mail.

5. Click **OK**.

The IJ Scan Utility main screen appears.

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6. Click **Photo**.

Scanning starts.

When scanning is completed, the specified e-mail client starts and the images will be attached to a new message.

>>> **Note**

- Click **Cancel** to cancel the scan.
- The scanned images are saved according to the settings made in the Settings dialog.
- When the **Check scan results** checkbox is selected in the Settings dialog, the **Save Settings** dialog appears. After you set the save options and click **OK**, the scanned images are saved and automatically attached to a new message of the specified e-mail client.

7. Specify the recipient, enter the subject and message, then send e-mail.

Refer to the manual of your e-mail client for e-mail settings.

Extracting Text from Scanned Images (OCR)

Scan text in scanned magazines and newspapers and display it in TextEdit (included with Mac OS).

> **Note**
>
> - You can extract text when scanning via **Document**, **Custom**, or **Driver**.
> - The screens for scanning documents are used as examples in the following descriptions.

1. Start IJ Scan Utility.

2. Click **Settings...**.
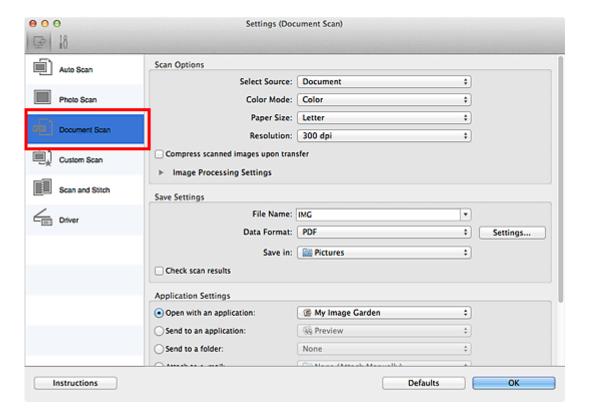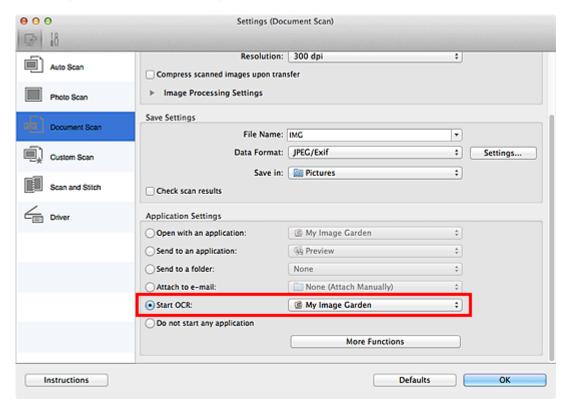
The Settings dialog appears.

3. Click **Document Scan**.
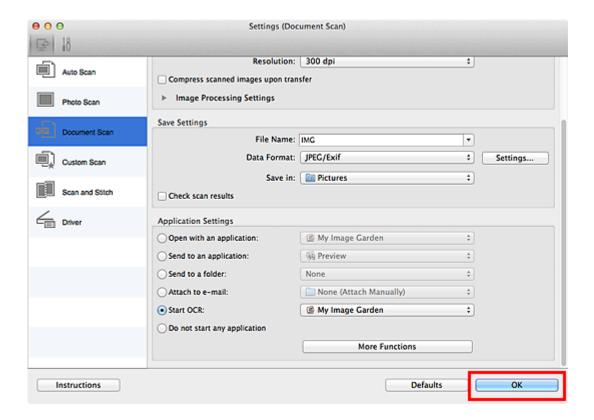
> **Note**
>
> ■ For **Resolution**, only **300 dpi** or **400 dpi** can be set when **Start OCR** is selected in **Application Settings**.

4. Select **Start OCR** for **Application Settings**, then select the application in which you want to display the result.

> **Note**
>
> ■ When My Image Garden is specified, after the image is scanned, the text in the image is extracted and appears in TextEdit (included with Mac OS).

5. Click **OK**.
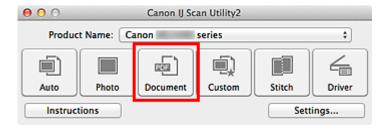
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The IJ Scan Utility main screen appears.

> **Note**
>
> - Refer to the following pages for details on the setting items in the Settings dialog.
>
> ➡ Settings (Document Scan) Dialog
>
> ➡ Settings (Custom Scan) Dialog
>
> ➡ Settings (Driver) Dialog

6. Click **Document**.

Scanning starts.

When scanning is completed, the scanned images are saved according to the settings, and the extracted text appears in the specified application.

> **Note**
>
> - Click **Cancel** to cancel the scan.
> - Text displayed in TextEdit (included with Mac OS) is for guidance only. Text in the image of the following types of documents may not be detected correctly.

- Documents containing text with font size outside the range of 8 points to 40 points (at 300 dpi)
- Slanted documents
- Documents placed upside down or documents with text in the wrong orientation (rotated characters)
- Documents containing special fonts, effects, italics, or hand-written text
- Documents with narrow line spacing
- Documents with colors in the background of text
- Documents containing multiple languages

IJ Scan Utility Screens

IJ Scan Utility Main Screen

From the **Go** menu of Finder, select **Applications**, then double-click the **Canon Utilities** folder, **IJ Scan Utility** folder, and then **Canon IJ Scan Utility2** icon to start IJ Scan Utility.

You can complete from scanning to saving at one time by simply clicking the corresponding icon.

- **Product Name**

  Displays the name of the product that IJ Scan Utility is currently set to use.
  If the displayed product is not the one you want to use, select the desired product from the list.
  In addition, for network connection, select one with "Network" after the product name.

  > **Note**
  > - Refer to "Network Scan Settings" for how to set up a network environment.

- **Auto**

  Detects the type of items automatically and saves them to a computer. The data format for saving will also be set automatically.
  Save settings and the response after scanning can be specified in the **Settings (Auto Scan)** dialog.

- **Photo**

  Scans items as photos and saves them to a computer.
  Scan/save settings and the response after scanning can be specified in the **Settings (Photo Scan)** dialog.

- **Document**

  Scans items as documents and saves them to a computer.
  Scan/save settings and the response after scanning can be specified in the **Settings (Document Scan)** dialog.

- **Custom**

  Scans items with your favorite settings and saves the images to a computer. The item type can be automatically detected.
  Scan/save settings and the response after scanning can be specified in the **Settings (Custom Scan)** dialog.

- **Stitch**

  Displays the **Image Stitch** window in which you can scan the left and right halves of an item larger than the platen and combine the scanned images back into one image. Scan/save settings and the response after scanning can be specified in the **Settings (Scan and Stitch) dialog**.

- **Driver**

  Allows you to make image corrections and color adjustments when scanning. Scan/save settings and the response after scanning can be specified in the **Settings (Driver) dialog**.

- **Instructions**
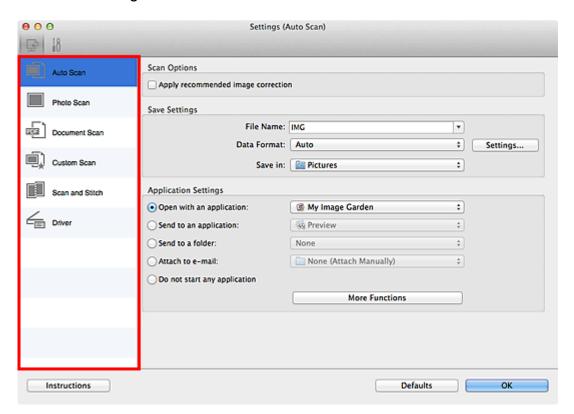
  Opens this guide.

- **Settings...**

  Displays the Settings dialog in which you can specify the scan/save settings and the response after scanning.

Settings Dialog

There are two tabs in the Settings dialog: (Scanning from a Computer) and (General Settings). When you click a tab, the view in the red frame switches and you can make advanced settings to functions on each tab.

(Scanning from a Computer) Tab

You can specify how to respond when scanning from IJ Scan Utility or My Image Garden.

➡ Settings (Auto Scan) Dialog

➡ Settings (Photo Scan) Dialog

➡ Settings (Document Scan) Dialog

➡ Settings (Custom Scan) Dialog

➡ Settings (Scan and Stitch) Dialog

➡ Settings (Driver) Dialog

(General Settings) Tab
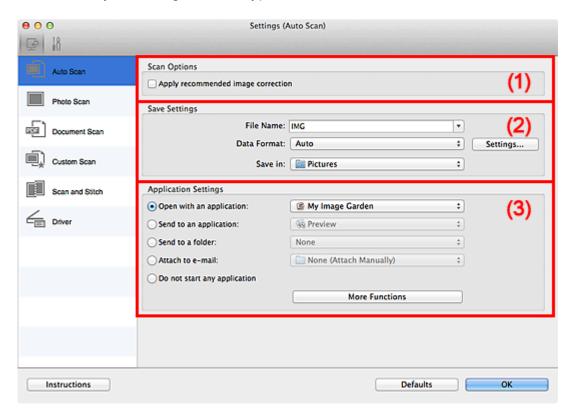
You can set the product to use, file size restriction on e-mail attachment, language to detect text in images, and folder in which to save images temporarily.

➡ Settings (General Settings) Dialog

Settings (Auto Scan) Dialog

Click **Auto Scan** on the (Scanning from a Computer) tab to display the **Settings (Auto Scan)** dialog.

In the **Settings (Auto Scan)** dialog, you can make advanced scan settings to scan by automatically detecting the item type.

(1) Scan Options Area
(2) Save Settings Area
(3) Application Settings Area

>>> Important

- When the Settings dialog is displayed from My Image Garden, the setting items for **Application Settings** do not appear.

- **Supported Items**

  Photos, postcards, business cards, magazines, newspapers, documents, and BD/DVD/CD.

>>> Important

- To scan the following types of items, specify the item type and size in the **Settings (Photo Scan)** dialog, **Settings (Document Scan)** dialog, or **Settings (Custom Scan)** dialog, then click **Photo**, **Document**, or **Custom** in the IJ Scan Utility main screen. You cannot scan correctly with **Auto**.
  - A4 size photos

⟫⟫ Note

■ To reduce moire in scans, set **Select Source** to **Magazine** in the **Settings (Document Scan)** dialog or **Settings (Custom Scan)** dialog, then click **Document** or **Custom** in the IJ Scan Utility main screen.

(1) Scan Options Area

- **Apply recommended image correction**

Applies suitable corrections automatically based on the item type.

⟫⟫ Important

■ The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

⟫⟫ Note

■ Scanning takes longer than usual when you enable this function.

(2) Save Settings Area

- **File Name**

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

- **Data Format**

Auto is selected. The following data formats are automatically applied according to the item type when saving.
- Photos, postcards, BD/DVD/CD, and business cards: JPEG
- Magazines, newspapers, and documents: PDF

⟫⟫ Important

■ The save format may differ depending on how you place the item.

➡ Placing Items (When Scanning from a Computer)

- **Settings...**

Click to display the **Data Format Settings** dialog in which you can set the quality of the images to be saved, keyword search of PDF files and their compression type, and the data format in which to save images scanned with Auto Scan.

- **Save in**

Displays the folder in which to save the scanned images. To change the folder, specify the destination folder in the dialog displayed by selecting **Add...** from the pop-up menu. The default save folder is the **Pictures** folder.

Important

- When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

- **Open with an application**

Select this when you want to enhance or correct the scanned images.
You can specify the application from the pop-up menu.

- **Send to an application**

Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.
You can specify the application from the pop-up menu.

- **Send to a folder**

Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.
You can specify the folder from the pop-up menu.

- **Attach to e-mail**

Select this when you want to send e-mails with the scanned images attached.
You can specify the e-mail client you want to start from the pop-up menu.

- **Do not start any application**

Saves to the folder specified in **Save in**.

Note

- Specify the application or folder in the dialog displayed by selecting **Add...** from the pop-up menu.

- **Instructions**

  Opens this guide.

- **Defaults**

  You can restore the settings in the displayed screen to the default settings.

Settings (Photo Scan) Dialog

Click **Photo Scan** on the ⬚ (Scanning from a Computer) tab to display the **Settings (Photo Scan)** dialog.

In the **Settings (Photo Scan)** dialog, you can make advanced scan settings to scan items as photos.

(1) Scan Options Area
(2) Save Settings Area
(3) Application Settings Area

⯮⯮ Important

■ When the Settings dialog is displayed from My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

- **Select Source**

  Photo is selected.

- **Color Mode**

  Select the color mode in which to scan the item.

- **Paper Size**

  Select the size of the item to be scanned.
  When you select **Custom**, a screen in which you can specify the paper size appears.
  Select a **Unit**, then enter the **Width** and **Height**, and then click **OK**.

Width:	8.50	inches (1.00 – 8.50)
Height:	11.00	inches (1.00 – 11.69)
Unit:	inches ⇕	
Cancel	Defaults	OK

  > **>>> Note**
  >
  > ■ Click **Defaults** to restore the specified settings to the default settings.

- **Resolution**

  Select the resolution of the item to be scanned.
  The higher the resolution (value), the more detail in your image.
  ➡ Resolution

- **Compress scanned images upon transfer**

  Compresses scanned images when transferring them to a computer. This is useful when your scanner or printer and computer are connected with a slow interface such as USB1.1 or a network.

- **Image Processing Settings**

  Click ▶ (Right Arrow) to set the following.

  > **>>> Important**
  >
  > ■ When **Color Mode** is **Black and White**, **Image Processing Settings** is not available.

  - **Sharpen outline**

    Emphasizes the outline of the subjects to sharpen the image.

(2) Save Settings Area

- **File Name**

  Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

- **Data Format**

  Select the data format in which to save the scanned images.
  You can select **JPEG/Exif**, **TIFF**, or **PNG**.

  > **Important**
  >
  > - You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.

- **Settings...**

  Click to display the **Data Format Settings** dialog in which you can set the quality of the
  images to be saved, keyword search of PDF files and their compression type, and the
  data format in which to save images scanned with Auto Scan.

- **Save in**

  Displays the folder in which to save the scanned images. To change the folder, specify
  the destination folder in the dialog displayed by selecting **Add...** from the pop-up menu.
  The default save folder is the **Pictures** folder.

  > **Important**
  >
  > - When the Settings dialog is displayed from My Image Garden, this option does not
  >   appear.

- **Check scan results**

  Displays the **Save Settings** dialog after scanning.

  > **Important**
  >
  > - When the Settings dialog is displayed from My Image Garden, this option does not
  >   appear.

(3) Application Settings Area

- **Open with an application**

  Select this when you want to enhance or correct the scanned images.
  You can specify the application from the pop-up menu.

- **Send to an application**

  Select this when you want to use the scanned images as they are in an application that
  allows you to browse or organize images.
  You can specify the application from the pop-up menu.

- **Send to a folder**

  Select this when you also want to save the scanned images to a folder other than the
  one specified in **Save in**.
  You can specify the folder from the pop-up menu.

- **Attach to e-mail**

  Select this when you want to send e-mails with the scanned images attached.
  You can specify the e-mail client you want to start from the pop-up menu.

- **Do not start any application**

  Saves to the folder specified in **Save in**.

  Note

  - Specify the application or folder in the dialog displayed by selecting **Add...** from the pop-up menu.
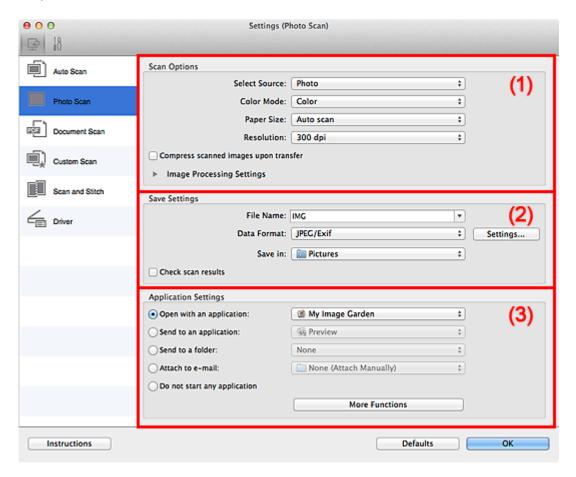
- **Instructions**

  Opens this guide.

- **Defaults**

  You can restore the settings in the displayed screen to the default settings.

Settings (Document Scan) Dialog

Click **Document Scan** on the ![icon] (Scanning from a Computer) tab to display the **Settings (Document Scan)** dialog.

In the **Settings (Document Scan)** dialog, you can make advanced scan settings to scan items as documents.

(1) Scan Options Area
(2) Save Settings Area
(3) Application Settings Area

▶▶ Important

- When the Settings dialog is displayed from the Scan screen of My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

- **Select Source**

  Select the type of item to be scanned.
  Scanning documents: **Document**
  Scanning magazines: **Magazine**

- **Color Mode**

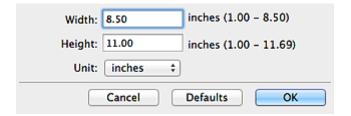 Select the color mode in which to scan the item.
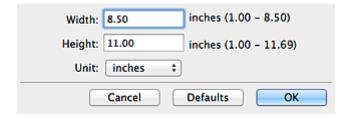
  > **Important**
  >
  > - To select **Black and White**, deselect the **Compress scanned images upon transfer** checkbox.

- **Paper Size**

  Select the size of the item to be scanned.

  When you select **Custom**, a screen in which you can specify the paper size appears. Select a **Unit**, then enter the **Width** and **Height**, and then click **OK**.

Width:	8.50	inches (1.00 – 8.50)
Height:	11.00	inches (1.00 – 11.69)
Unit:	inches	
Cancel	Defaults	OK

  > **Note**
  >
  > - Click **Defaults** to restore the specified settings to the default settings.

- **Resolution**

  Select the resolution of the item to be scanned.

  The higher the resolution (value), the more detail in your image.

  → Resolution

  > **Note**
  >
  > - Only **300 dpi** or **400 dpi** can be set when **Start OCR** is selected in **Application Settings**.

- **Compress scanned images upon transfer**

  Compresses scanned images when transferring them to a computer. This is useful when your scanner or printer and computer are connected with a slow interface such as USB1.1 or a network.

- **Image Processing Settings**

  Click ▶ (Right Arrow) to set the following.

  > **Note**
  >
  > - When **Color Mode** is **Black and White**, only **Reduce gutter shadow**, **Correct slanted text document**, and **Detect the orientation of text document and rotate image** appear.

  - **Apply Auto Document Fix**

Select this checkbox to sharpen text in a document or magazine for better readability.

> **Important**
>
> ■ Available only when the **Compress scanned images upon transfer** checkbox is not selected.
> ■ The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

> **Note**
>
> ■ Scanning takes longer than usual when you enable this function.

- **Sharpen outline**

  Emphasizes the outline of the subjects to sharpen the image.

- **Reduce show-through**

  Sharpens text in an item or reduces show-through in newspapers, etc.

- **Reduce moire**

  Reduces moire patterns.
  Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

  > **Note**
  >
  > ■ Scanning takes longer than usual when you enable **Reduce moire**.

- **Reduce gutter shadow**

  Reduces gutter shadows that appear between pages when scanning open booklets.

  > **Important**
  >
  > ■ Available only when the **Compress scanned images upon transfer** checkbox is not selected.

  > **Note**
  >
  > ■ Click **Driver** in the IJ Scan Utility main screen and scan to correct gutter shadows when scanning non-standard size items or specified areas.
  > Refer to "Gutter Correction" for details.

- **Correct slanted text document**

  Detects the scanned text and corrects the angle (within -0.1 to -10 degrees or +0.1 to +10 degrees) of the document.

> **▶▶ Important**
>
> - The following types of documents may not be corrected properly since the text cannot be detected correctly.
>   - Documents in which the text lines are inclined more than 10 degrees or the angles vary by line
>   - Documents containing both vertical and horizontal text
>   - Documents with extremely large or small fonts
>   - Documents with small amount of text
>   - Documents containing figures/images
>   - Hand-written text
>   - Documents containing both vertical and horizontal lines (tables)

> **▶▶ Note**
>
> - Scanning takes longer than usual when you enable **Correct slanted text document**.

- **Detect the orientation of text document and rotate image**

  Automatically rotates the image to the correct orientation by detecting the orientation of text in the scanned document.

  > **▶▶ Important**
  >
  > - Only text documents written in languages that can be selected from **Document Language** in the **Settings (General Settings) dialog** are supported.
  > - The orientation may not be detected for the following types of settings or documents since the text cannot be detected correctly.
  >   - Resolution is outside the range of 300 dpi to 600 dpi
  >   - Font size is outside the range of 8 points to 48 points
  >   - Documents containing special fonts, effects, italics, or hand-written text
  >   - Documents with patterned backgrounds
  >
  > In that case, select the **Check scan results** checkbox and rotate the image in the **Save Settings** dialog.

(2) Save Settings Area

- **File Name**

  Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

- **Data Format**

  Select the data format in which to save the scanned images.
  You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

> **⏵⏵ Important**
> - You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.
> - When **Start OCR** is selected in **Application Settings**, you cannot select **PDF** or **PDF (Multiple Pages)**.

- **Settings...**

  Click to display the **Data Format Settings** dialog in which you can set the quality of the images to be saved, keyword search of PDF files and their compression type, and the data format in which to save images scanned with Auto Scan.

- **Save in**

  Displays the folder in which to save the scanned images. To change the folder, specify the destination folder in the dialog displayed by selecting **Add...** from the pop-up menu. The default save folder is the **Pictures** folder.

  > **⏵⏵ Important**
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

- **Check scan results**

  Displays the **Save Settings** dialog after scanning.

  > **⏵⏵ Important**
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

- **Open with an application**

  Select this when you want to enhance or correct the scanned images.
  You can specify the application from the pop-up menu.

- **Send to an application**

  Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.
  You can specify the application from the pop-up menu.

- **Send to a folder**

  Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.
  You can specify the folder from the pop-up menu.

- **Attach to e-mail**

Select this when you want to send e-mails with the scanned images attached.

You can specify the e-mail client you want to start from the pop-up menu.

- **Start OCR**

  Select this when you want to convert text in the image into text data using specified OCR software.

  You can specify the application from the pop-up menu.

- **Do not start any application**

  Saves to the folder specified in **Save in**.

> **Note**

- Specify the application or folder in the dialog displayed by selecting **Add...** from the pop-up menu.

- **Instructions**

  Opens this guide.

- **Defaults**

  You can restore the settings in the displayed screen to the default settings.

Settings (Custom Scan) Dialog

Click **Custom Scan** on the [icon] (Scanning from a Computer) tab to display the **Settings (Custom Scan)** dialog.

In the **Settings (Custom Scan)** dialog, you can make advanced scan settings to scan according to your preference.

(1) Scan Options Area
(2) Save Settings Area
(3) Application Settings Area

>>> Important

- When the Settings dialog is displayed from the Scan screen of My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

- **Select Source**

  Select the type of item to be scanned. When **Auto** is selected, the item type is automatically detected.
  Color Mode, **Paper Size**, and **Resolution** are automatically set as well.

- Item types supported by **Auto** are photos, postcards, business cards, magazines, newspapers, documents, and BD/DVD/CD.
- To scan the following types of items, specify the item type or size. You cannot scan correctly with **Auto**.
  - A4 size photos
  - Text documents smaller than 2L (5 inches x 7 inches) (127 mm x 178 mm), such as paperback pages with the spine cut off
  - Items printed on thin white paper
  - Long narrow items such as panoramic photos
- Reflective disc labels may not be scanned as expected.
- Place items correctly according to the type of item to be scanned. Otherwise, items may not be scanned correctly.

  Refer to "Placing Items (When Scanning from a Computer)" for how to place items.

>> **Note**

- To convert text in the image into text data after scanning, specify **Select Source** instead of selecting **Auto**.
- To reduce moire, set **Select Source** to **Magazine**.

- **Color Mode**

  Select the color mode in which to scan the item.

  >> **Important**

  - To select **Black and White**, deselect the **Compress scanned images upon transfer** checkbox.
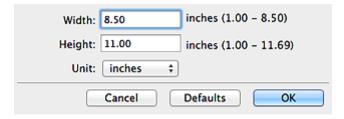
  >> **Note**

  - Only **Color** is available when **Select Source** is **Auto**.

- **Paper Size**

  Select the size of the item to be scanned.
  When you select **Custom**, a screen in which you can specify the paper size appears.
  Select a **Unit**, then enter the **Width** and **Height**, and then click **OK**.

  >> **Note**

  - Only **Auto** is available when **Select Source** is **Auto**.

- Click **Defaults** in the screen in which you can specify the paper size to restore the specified settings to the default settings.

- **Resolution**

  Select the resolution of the item to be scanned.

  The higher the resolution (value), the more detail in your image.

  ➡ Resolution

  > **Note**
  >
  > - Only **Auto** is available when **Select Source** is **Auto**.
  > - Only **300 dpi** or **400 dpi** can be set when **Start OCR** is selected in **Application Settings**.

- **Compress scanned images upon transfer**

  Compresses scanned images when transferring them to a computer. This is useful when your scanner or printer and computer are connected with a slow interface such as USB1.1 or a network.

  > **Important**
  >
  > - This does not appear when **Select Source** is **Auto**.

- **Image Processing Settings**

  Click ▶ (Right Arrow) to set the following. Available setting items vary by **Select Source**.

  When Select Source is Auto

  - **Apply recommended image correction**

    Applies suitable corrections automatically based on the item type.

    > **Important**
    >
    > - The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

    > **Note**
    >
    > - Scanning takes longer than usual when you enable this function.

  When Select Source is Photo

  > **Important**
  >
  > - When **Color Mode** is **Black and White**, **Image Processing Settings** is not available.

  - **Sharpen outline**

    Emphasizes the outline of the subjects to sharpen the image.

When Select Source is Magazine or Document

Note

▪ When **Color Mode** is **Black and White**, only **Reduce gutter shadow**, **Correct slanted text document**, and **Detect the orientation of text document and rotate image** appear.

- **Apply Auto Document Fix**

  Select this checkbox to sharpen text in a document or magazine for better readability.

  Important

  ▪ Available only when the **Compress scanned images upon transfer** checkbox is not selected.

  ▪ The color tone may differ from the source image due to corrections. In that case, deselect the checkbox and scan.

  Note

  ▪ Scanning takes longer than usual when you enable this function.

- **Sharpen outline**

  Emphasizes the outline of the subjects to sharpen the image.

- **Reduce show-through**

  Sharpens text in an item or reduces show-through in newspapers, etc.

- **Reduce moire**

  Reduces moire patterns.
  Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

  Note

  ▪ Scanning takes longer than usual when you enable **Reduce moire**.

- **Reduce gutter shadow**

  Reduces gutter shadows that appear between pages when scanning open booklets.

  Important

  ▪ Available only when the **Compress scanned images upon transfer** checkbox is not selected.

- **Correct slanted text document**

  Detects the scanned text and corrects the angle (within -0.1 to -10 degrees or +0.1 to +10 degrees) of the document.

  > **Important**
  >
  > - The following types of documents may not be corrected properly since the text cannot be detected correctly.
  >   - Documents in which the text lines are inclined more than 10 degrees or the angles vary by line
  >   - Documents containing both vertical and horizontal text
  >   - Documents with extremely large or small fonts
  >   - Documents with small amount of text
  >   - Documents containing figures/images
  >   - Hand-written text
  >   - Documents containing both vertical and horizontal lines (tables)

  > **Note**
  >
  > - Scanning takes longer than usual when you enable **Correct slanted text document**.

- **Detect the orientation of text document and rotate image**

  Automatically rotates the image to the correct orientation by detecting the orientation of text in the scanned document.

  > **Important**
  >
  > - Only text documents written in languages that can be selected from **Document Language** in the **Settings (General Settings) dialog** are supported.
  > - The orientation may not be detected for the following types of settings or documents since the text cannot be detected correctly.
  >   - Resolution is outside the range of 300 dpi to 600 dpi
  >   - Font size is outside the range of 8 points to 48 points
  >   - Documents containing special fonts, effects, italics, or hand-written text
  >   - Documents with patterned backgrounds
  >
  > In that case, select the **Check scan results** checkbox and rotate the image in the **Save Settings** dialog.

(2) Save Settings Area

- **File Name**

  Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

- **Data Format**

  Select the data format in which to save the scanned images.
  You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, **PDF (Multiple Pages)**, or **Auto**.

  > **Important**
  >
  > - When **Auto** is selected, the save format may differ depending on how you place the item.
  >
  >   → Placing Items (When Scanning from a Computer)
  >
  > - You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.
  >
  > - When **Start OCR** is selected in **Application Settings**, you cannot select **PDF**, **PDF (Multiple Pages)**, or **Auto**.

  > **Note**
  >
  > - **Auto** appears only when **Auto** is selected for **Select Source**.

- **Settings...**

  Click to display the **Data Format Settings** dialog in which you can set the quality of the images to be saved, keyword search of PDF files and their compression type, and the data format in which to save images scanned with Auto Scan.

- **Save in**

  Displays the folder in which to save the scanned images. To change the folder, specify the destination folder in the dialog displayed by selecting **Add...** from the pop-up menu. The default save folder is the **Pictures** folder.

  > **Important**
  >
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

- **Check scan results**

  Displays the **Save Settings** dialog after scanning.

  > **Important**
  >
  > - This does not appear when **Select Source** is **Auto**.
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

- **Open with an application**

  Select this when you want to enhance or correct the scanned images.
  You can specify the application from the pop-up menu.

- **Send to an application**

  Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.
  You can specify the application from the pop-up menu.

- **Send to a folder**

  Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.
  You can specify the folder from the pop-up menu.

- **Attach to e-mail**

  Select this when you want to send e-mails with the scanned images attached.
  You can specify the e-mail client you want to start from the pop-up menu.

- **Start OCR**

  Select this when you want to convert text in the image into text data using specified OCR software.
  You can specify the application from the pop-up menu.

- **Do not start any application**

  Saves to the folder specified in **Save in**.

>>> Note

- Specify the application or folder in the dialog displayed by selecting **Add...** from the pop-up menu.

- **Instructions**

  Opens this guide.

- **Defaults**

  You can restore the settings in the displayed screen to the default settings.

Settings (Scan and Stitch) Dialog

Click **Scan and Stitch** on the ![] (Scanning from a Computer) tab to display the **Settings (Scan and Stitch)** dialog.

In the **Settings (Scan and Stitch)** dialog, you can make advanced scan settings for scanning items larger than the platen.

(1) Scan Options Area
(2) Save Settings Area
(3) Application Settings Area

⏩ Important

- When the Settings dialog is displayed from the Scan screen of My Image Garden, the setting items for **Application Settings** do not appear.

(1) Scan Options Area

- **Select Source**

  Select the type of item to be scanned.
  Scanning photos: **Photo**
  Scanning documents: **Document**
  Scanning magazines: **Magazine**

- **Color Mode**

Select the color mode in which to scan the item.

- **Resolution**

Select the resolution of the item to be scanned.
The higher the resolution (value), the more detail in your image.
➡Resolution

- **Image Processing Settings**

Click ▶ (Right Arrow) to set the following. Available setting items vary by **Select Source**.

When Select Source is Photo

- **Sharpen outline**

Emphasizes the outline of the subjects to sharpen the image.

When Select Source is Magazine or Document

- **Sharpen outline**

Emphasizes the outline of the subjects to sharpen the image.

- **Reduce show-through**

Sharpens text in an item or reduces show-through in newspapers, etc.

- **Reduce moire**

Reduces moire patterns.
Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

(2) Save Settings Area

- **File Name**

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

- **Data Format**

  Select the data format in which to save the scanned images.
  You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

  > **Important**
  >
  > - You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.

- **Settings...**

  Click to display the **Data Format Settings** dialog in which you can set the quality of the images to be saved, keyword search of PDF files and their compression type, and the data format in which to save images scanned with Auto Scan.

- **Save in**

  Displays the folder in which to save the scanned images. To change the folder, specify the destination folder in the dialog displayed by selecting **Add...** from the pop-up menu. The default save folder is the **Pictures** folder.

  > **Important**
  >
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

- **Check scan results**

  Displays the **Save Settings** dialog after scanning.

  > **Important**
  >
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

(3) Application Settings Area

- **Open with an application**

  Select this when you want to enhance or correct the scanned images.
  You can specify the application from the pop-up menu.

- **Send to an application**

  Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.
  You can specify the application from the pop-up menu.

- **Send to a folder**

  Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.
  You can specify the folder from the pop-up menu.

- **Do not start any application**

   Saves to the folder specified in **Save in**.

> **Note**
>
> ▪ Specify the application or folder in the dialog displayed by selecting **Add...** from the pop-up menu.

- **Instructions**

   Opens this guide.

- **Defaults**

   You can restore the settings in the displayed screen to the default settings.

Settings (Driver) Dialog

Click **Driver** on the ⬚ (Scanning from a Computer) tab to display the **Settings (Driver)** dialog.

In the **Settings (Driver)** dialog, you can specify how to save images when scanning items by starting the scanner driver from IJ Scan Utility and how to respond after saving them.

(1) Save Settings Area
(2) Application Settings Area

▶▶ Important

■ When the Settings dialog is displayed from My Image Garden, the setting items for **Application Settings** do not appear.

(1) Save Settings Area

- **File Name**

  Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

- **Data Format**

  Select the data format in which to save the scanned images.
  You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

- **Settings...**

  Click to display the **Data Format Settings** dialog in which you can set the quality of the images to be saved, keyword search of PDF files and their compression type, and the data format in which to save images scanned with Auto Scan.

- **Save in**

  Displays the folder in which to save the scanned images. To change the folder, specify the destination folder in the dialog displayed by selecting **Add...** from the pop-up menu. The default save folder is the **Pictures** folder.

  > **Important**
  >
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

- **Enable large image scans**

  Select this checkbox to scan images up to 21000 pixels x 30000 pixels and 1.8 GB.

  > **Important**
  >
  > - When this checkbox is selected, you cannot select **Send to an application**, **Send to a folder**, **Attach to e-mail**, or **Start OCR**.
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

  > **Note**
  >
  > - When this checkbox is not selected, images up to 10208 pixels x 14032 pixels can be scanned.

- **Check scan results**

  Displays the **Save Settings** dialog after scanning.

  > **Important**
  >
  > - When the Settings dialog is displayed from My Image Garden, this option does not appear.

(2) Application Settings Area

- **Open with an application**

  Select this when you want to enhance or correct the scanned images.
  You can specify the application from the pop-up menu.

- **Send to an application**

  Select this when you want to use the scanned images as they are in an application that allows you to browse or organize images.
  You can specify the application from the pop-up menu.

- **Send to a folder**

  Select this when you also want to save the scanned images to a folder other than the one specified in **Save in**.
  You can specify the folder from the pop-up menu.

- **Attach to e-mail**

  Select this when you want to send e-mails with the scanned images attached.
  You can specify the e-mail client you want to start from the pop-up menu.

- **Start OCR**

  Select this when you want to convert text in the image into text data using specified OCR software.
  You can specify the application from the pop-up menu.

- **Do not start any application**

  Saves to the folder specified in **Save in**.

Note

- Specify the application or folder in the dialog displayed by selecting **Add...** from the pop-up menu.

- **Instructions**

  Opens this guide.

- **Defaults**

  You can restore the settings in the displayed screen to the default settings.

Settings (General Settings) Dialog

Click the ![icon](General Settings) tab to display the **Settings (General Settings)** dialog.

In the **Settings (General Settings)** dialog, you can set the product to use, file size restriction on e-mail attachment, language to detect text in images, and folder in which to save images temporarily.

- **Product Name**

  Displays the name of the product that IJ Scan Utility is currently set to use.
  If the displayed product is not the one you want to use, select the desired product from the list.
  In addition, for network connection, select one with "Network" after the product name.

  >>> **Note**

  - With network connection, **Select** appears on the right side of the product name. Click **Select** to display the network selection screen in which you can change the scanner to use. Refer to "Network Scan Settings" for the setting procedure.

- **E-mail Attachment Size**

  You can restrict the size of scanned images to be attached to an e-mail.
  You can select **Small (Suitable for 640 x 480 Windows)**, **Medium (Suitable for 800 x 600 Windows)**, **Large (Suitable for 1024 x 768 Windows)**, or **No Change**.

> **Important**
>
> ▪ When the Settings dialog is displayed from My Image Garden, this option does not appear.

- **Document Language**

  Select the language for detecting text in images.

- **Folder to Save Temporary Files**

  Displays the folder in which to save images temporarily. Click **Browse...** to specify the destination folder.

- **Instructions**

  Opens this guide.

- **Defaults**

  You can restore the settings in the displayed screen to the default settings.

Network Selection Screen

You can select the scanners or printers to be used for scanning or printing over a network from your computer.

Network Selection Screen

In **Product Name** in the **Settings (General Settings)** dialog, select an item with "Network" after the product name from the list, then click **Select** that appears to the right of the product name to display the network selection screen.

- **Scanners**

  The Bonjour service names of the scanners or printers that can be used over the network are displayed.
  You can select one scanner or printer per model.

  > **Important**
  >
  > - You cannot use over the network if Bonjour is disabled. Enable Bonjour on your scanner or printer.
  > - If you have changed the Bonjour service name after selecting your scanner or printer by Bonjour service name, reopen the network selection screen and select the new Bonjour service name from **Scanners**.

- **Instructions**

  Opens this guide.

> **Note**
>
> - If the Bonjour service name of your scanner or printer does not appear or cannot be selected, check the following, click **OK** to close the screen, then reopen it and try selecting again.
>   - The scanner driver is installed
>   - Network settings of your scanner or printer is completed after installing the scanner driver
>   - Network communication between your scanner or printer and computer is enabled
>
>   If your scanner or printer still does not appear, refer to "Problems with Network Communication" for your model from Home of the *Online Manual*.

Data Format Settings Dialog

Display the **Data Format Settings** dialog by one of the following operations.

- Click **Settings...** of **Save Settings** on each tab of the Settings dialog

- Click **Settings...** of **Save Settings** in the **Save Settings** dialog that appears after scanning with the **Check scan results** checkbox selected in the Settings dialog

In the **Data Format Settings** dialog, you can set the quality of the images to be saved, keyword search of PDF files and their compression type, and the data format in which to save images scanned with Auto Scan.

- **JPEG Image Quality**

  You can specify the image quality of JPEG files.

  > **Important**

  > - Available only when the **Compress scanned images upon transfer** checkbox is not selected in **Scan Options** of the Settings dialog.

- **Create a PDF file that supports keyword search**

  Select this checkbox to convert text in images into text data and create PDF files that support keyword search.

  > **Note**

  > - PDF files that are searchable in the language selected in **Document Language** on the (General Settings) tab of the Settings dialog are created.

- **PDF Compression**

  Select the compression type for saving PDF files.

  - **Standard**

    It is recommended that you normally select this setting.

  - **High**

    Compresses the file size when saving, allowing you to reduce the load on your network/server.

> **Note**
>
> ■ When **Black and White** is set for **Color Mode** on the (Scanning from a Computer) tab of the Settings dialog, PDF files will be saved in **Standard** even if **High** is set.

- **Format for Item Detected as Document in Auto Scan**

  You can specify the data format for automatically saving items detected as documents in Auto Scan.

- **Format for Item Detected as Photo in Auto Scan**

  You can specify the data format for automatically saving items detected as photos in Auto Scan.

- **Defaults**

  You can restore the settings in the displayed screen to the default settings.
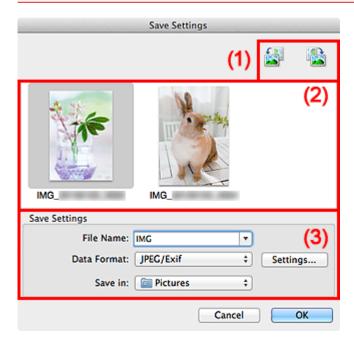
Save Settings Dialog

Select the **Check scan results** checkbox in **Save Settings** of the Settings dialog to display the **Save Settings** dialog after scanning.

You can specify the data format and destination while viewing the thumbnails of scan results.

>> Important

- After scanning from My Image Garden, the **Save Settings** dialog does not appear.

(1) Preview Operation Buttons
(2) Scan Results Area
(3) Save Settings Area

(1) Preview Operation Buttons

- / **(Rotate Left 90°)/(Rotate Right 90°)**

  Rotates scanned images 90 degrees counter-clockwise or clockwise.

  Select the image you want to rotate, then click (Rotate Left 90°) or (Rotate Right 90°).

>> Important

- The preview operation buttons do not appear when the **Enable large image scans** checkbox is selected in the **Settings (Driver)** dialog.

(2) Scan Results Area

Displays the thumbnails of the scanned images. You can change the save order of images via drag-and-drop. The file names for saving appear below the thumbnails.

(3) Save Settings Area

- **File Name**

Enter the file name of the image to be saved. When you save a file, the date and four digits are appended to the set file name in the "_20XX0101_0001" format.

- **Data Format**

Select the data format in which to save the scanned images.
You can select **JPEG/Exif**, **TIFF**, **PNG**, **PDF**, or **PDF (Multiple Pages)**.

> **Important**
>
> - You cannot select **PDF** or **PDF (Multiple Pages)** in the following cases.
>   - When scanned by clicking **Photo** in the IJ Scan Utility main screen
>   - The **Enable large image scans** checkbox is selected in **Save Settings** of the **Settings (Driver)** dialog
>   - **Start OCR** is selected in **Application Settings** of the **Settings (Document Scan)**, **Settings (Custom Scan)**, or **Settings (Driver)** dialog
> - You cannot select **JPEG/Exif** when **Color Mode** is **Black and White**.

- **Settings...**

Click to display the **Data Format Settings** dialog in which you can set the quality of the images to be saved, keyword search of PDF files and their compression type, and the data format in which to save images scanned with Auto Scan.
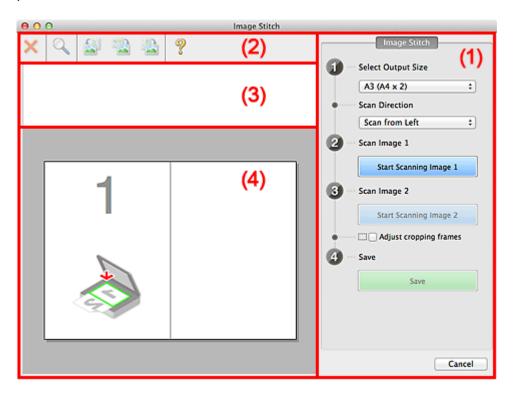
- **Save in**

Displays the folder in which to save the scanned images. To change the folder, specify the destination folder in the dialog displayed by selecting **Add...** from the pop-up menu. The default save folder is the **Pictures** folder.

Image Stitch Window

Click **Stitch** in the IJ Scan Utility main screen to display the **Image Stitch** window.

You can scan the left and right halves of an item larger than the platen and combine the images back into one image. You can scan items up to approximately twice as large as the platen.

[(1) Settings and Operation Buttons](#)
[(2) Toolbar](#)
[(3) Thumbnail View Area](#)
[(4) Preview Area](#)

》》Note

- The displayed items vary depending on the select source and view.

(1) Settings and Operation Buttons

- **Select Output Size**

    - **B4 (B5 x 2)**

        Scans the left and right halves of a B4 size item separately.

    - **A3 (A4 x 2)**

        Scans the left and right halves of an A3 size item separately.

    - **11 x 17 (Letter x 2)**

        Scans the left and right halves of an item twice as large as Letter size separately.

- **Full Platen x 2**

   Scans the left and right halves of an item twice as large as the platen separately.

- **Scan Direction**

   - **Scan from Left**

      Displays the first scanned image on the left side.
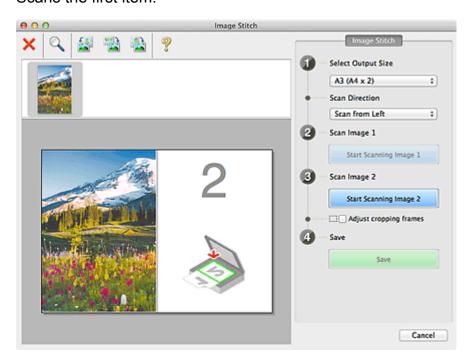
   - **Scan from Right**

      Displays the first scanned image on the right side.

- **Scan Image 1**

   - **Start Scanning Image 1**
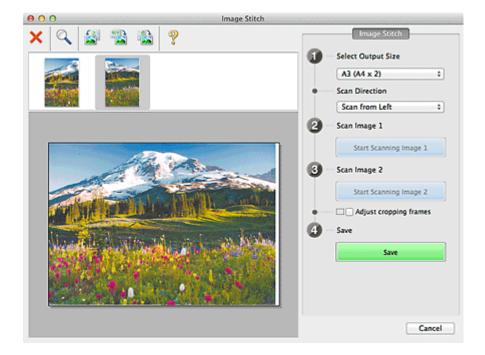
      Scans the first item.

- **Scan Image 2**

   - **Start Scanning Image 2**

      Scans the second item.

- **Adjust cropping frames**

  You can adjust the scan area in preview.

  If no area is specified, the image of the size selected in **Select Output Size** will be saved. If an area is specified, only the image in the cropping frame will be scanned and saved.

  → Adjusting Cropping Frames in the Image Stitch Window

- **Save**

  - **Save**

    Saves the two scanned images as one image.

- **Cancel**

  Cancels **Stitch** scan.

(2) Toolbar

- **Toolbar**

  You can delete the scanned images or adjust the previewed images.

  - **✖ (Delete)**

    Deletes the scanned image.

  - **🔍 (Enlarge/Reduce)**

    Allows you to enlarge or reduce the preview image.
    Left-clicking the Preview area enlarges the displayed image.
    Control-clicking the Preview area reduces the displayed image.

- **(Rotate Left)**

  Rotates the preview image 90 degrees counter-clockwise.

- **(Invert Vertically)**

  Rotates the preview image 180 degrees.

- **(Rotate Right)**

  Rotates the preview image 90 degrees clockwise.

- **(Open Guide)**

  Opens this page.

(3) Thumbnail View Area

- **Thumbnail View Area**
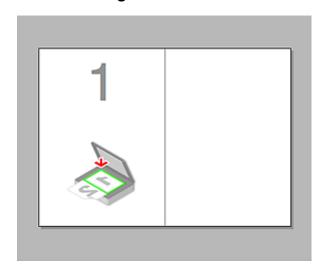
  Displays the thumbnails of the scanned images. Appears blank if none has been scanned.

(4) Preview Area

- **Preview Area**

  Displays the scanned images. You can adjust the layout by dragging the scanned image or check the results of the settings made in "(1) Settings and Operation Buttons."

  - **When no image has been scanned**

  - **After scanning the first item by clicking Start Scanning Image 1**

The image is scanned in the direction specified in **Scan Direction**, and **2** appears next to it.

- **After scanning the second item by clicking Start Scanning Image 2**

The two scanned images appear.

Related Topic

Scanning Items Larger than the Platen (Image Stitch)

Scanning with Scanner Driver

You can scan by starting the scanner driver from various applications.

Refer to Help of Mac OS for how to scan.

Important

- When scanning with the scanner driver in Mac OS X v10.6.8, select **JPEG** or **TIFF** in **Format**. Scanned images are saved in the format set in **Data Format** in the **Settings (Driver) dialog** of IJ Scan Utility.

Note

- Refer to "Image Corrections and Color Adjustments" for details on the setting procedures for image correction and color adjustment.
- Refer to "General Notes (Scanner Driver)" for the scanner driver.
- Refer to "Updating the Scanner Driver" for the scanner driver.
- In the **Settings (Driver) dialog** of IJ Scan Utility, you can also make advanced settings for scanning with the scanner driver.
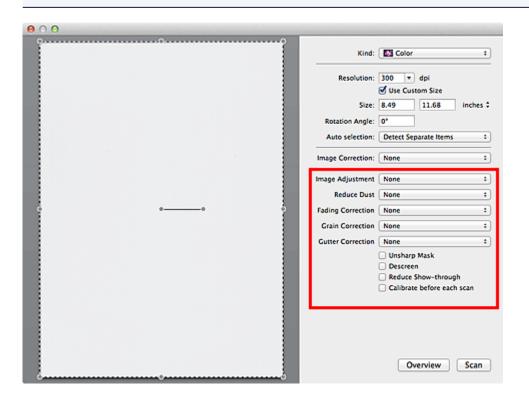
Image Corrections and Color Adjustments

You can correct images and adjust colors using the scanner driver.

Important

- When image correction or color adjustment is applied to items without moire, dust/ scratches, or faded colors, the color tone may be adversely affected.
- Image correction results are not reflected in the trial scan screen.

Note

- Screens may vary depending on the application.
- Selectable settings depend on **Kind** settings.
- Scanning may take longer than usual when image correction or color adjustment is applied.

- **Image Adjustment**

  When Image Adjustment is set, the brightness of the specified portion of the image is optimized. Images can be adjusted according to the automatically detected item type or the specified item type. The result of the adjustment will be reflected in the entire image.

  - **None**

    Image Adjustment will not be applied.

  - **Auto**

    Applies Image Adjustment by automatically detecting the item type. It is recommended that you normally select this setting.

- **Photo**

  Applies Image Adjustment suitable for photos.

- **Magazine**

  Applies Image Adjustment suitable for magazines.

- **Document**

  Applies Image Adjustment suitable for text documents.

  >>> Note

  - If the image is not adjusted properly with **Auto**, specify the item type.
  - The color tone may change from the source image due to the Image Adjustment. In that case, set **Image Adjustment** to **None**.

- **Reduce Dust**

  Scanned photos may contain white dots caused by dust or scratches. Use this function to reduce such noise.

  - **None**

    Dust and scratches will not be reduced.

  - **Low**

    Select this to reduce small dust particles and scratches. Large ones may remain.

  - **Medium**

    It is recommended that you normally select this setting.

  - **High**

    Select this to reduce large dust particles and scratches; however, evidence of the reduction process may remain or delicate parts of the image may be removed.

  >>> Important

  - This function may not be effective for some types of photos.

  >>> Note

  - It is recommended that you select **None** when scanning printed materials.

- **Fading Correction**

  Use this function to correct photos that have faded with time or have a colorcast. "Colorcast" is a phenomenon where a specific color affects the entire picture due to the weather or ambient strong colors.

  - **None**

    Fading Correction will not be applied.

- **Low**

  Select this to correct a small amount of fading and colorcast.

- **Medium**

  It is recommended that you normally select this setting.

- **High**

  Select this to correct a large amount of fading and colorcast. This can affect the tone of the image.

>>> Important

- Correction may not be applied properly if the scan area is too small.
- Not effective if **Color** is not selected for **Kind**.

- **Grain Correction**

Use this function to reduce graininess (roughness) in photos taken with high-speed or sensitized film, etc.

- **None**

  Graininess will not be reduced.

- **Low**

  Select this when the photo is slightly grainy.

- **Medium**

  It is recommended that you normally select this setting.

- **High**

  Select this when the photo is very grainy. This can affect the gradation and sharpness of the image.

>>> Important

- Correction may not be applied properly if the scan area is too small.

- **Gutter Correction**

Use this function to correct shadows that appear between pages when scanning open booklets.
Unclear or blurred text/lines caused by curved pages are not corrected.

- **None**

  Gutter shadow will not be corrected.

- **Low**

  Select this when the effect level is too strong with the medium setting.

- **Medium**

It is recommended that you normally select this setting.

- **High**

  Select this when the effect level is too weak with the medium setting.

> **Important**
>
> ■ Do not place objects that weigh 4.4 lbs (2.0 kg) or more on the platen. In addition, do not press on the item with a force exceeding 4.4 lbs (2.0 kg). If you press heavily, the scanner may not work correctly or you might break the glass.
>
> ■ Align the item with the edge of the platen. If placed slanted, correction will not be applied properly.
>
>
>
> ■ Correction may not be applied properly depending on the item. If the page background is not white, shadows may not be detected correctly or may not be detected at all.
>
> ■ While scanning, press down on the spine with the same amount of pressure you used to preview the scan. If the binding part is not even, correction will not be applied properly.
>
>
>
> ■ How to place the item depends on your model and the item to be scanned.

- **Unsharp Mask**

  Emphasizes the outline of the subjects to sharpen the image.

- **Descreen**

  Reduces moire patterns.
  Printed materials are displayed as a collection of fine dots. "Moire" is a phenomenon where uneven gradation or a stripe pattern appears when such photos or pictures printed with fine dots are scanned.

Important

- When enabling **Descreen**, disable **Unsharp Mask**. If **Unsharp Mask** is enabled, some moire effects may remain.

Note

- Scanning takes longer than usual when you enable **Descreen**.

- **Reduce Show-through**

Use this function to reduce show-through in duplex documents or lighten the base color in recycled paper and other colored paper when scanning documents.

Important

- **Reduce Show-through** is effective only when **Document** or **Magazine** is selected for **Image Adjustment**.

- **Calibrate before each scan**

Calibrates the scanner every time before trial scanning and scanning, to reproduce correct color tones in scanned images.

Note

- Calibration may take time depending on your computer.

General Notes (Scanner Driver)

The scanner driver is subject to the following restrictions. Keep these points in mind when using the scanner driver.

Scanner Driver Restrictions

- If the computer is shared among multiple users or when you have logged out and back on, a message indicating that the scanner driver is in use may appear. In that case, disconnect the USB cable from the computer, then reconnect it.

- Scanning may fail if the computer has resumed from sleep state with the scanner driver active. In that case, follow these steps and scan again.
  1. Turn off the machine.
  2. Exit the scanner driver, then disconnect the USB cable from the computer and reconnect it.
  3. Turn on the machine.

- Do not connect two or more scanner or multifunction printers with scanner function to the same computer simultaneously. If multiple scanning devices are connected, you may experience errors while accessing the devices.

- When using a network compatible model by connecting to a network, the machine cannot be accessed from multiple computers at the same time.

- When using a network compatible model by connecting to a network, scanning takes longer than usual.

- Make sure that you have adequate disk space available when scanning large images at high resolutions. For example, at least 300 MB of free space is required to scan an A4 document at 600 dpi in full-color.

- Do not enter the computer into sleep or hibernate state during scanning.

Updating the Scanner Driver

- Obtaining the Latest Scanner Driver
- Before Installing the Scanner Driver
- Installing the Scanner Driver

Obtaining the Latest Scanner Driver

Upgrading your current scanner driver to the latest scanner driver may solve some problems you have experienced.

Obtaining the Scanner Driver

To obtain the scanner driver, access our website and download the scanner driver for your model.

Important

- Scanner driver can be downloaded for free; however, Internet connection fees apply.

Related Topic

Before Installing the Scanner Driver

Installing the Scanner Driver

Before Installing the Scanner Driver

Check the following points before installing the scanner driver. Check these also when you cannot install the scanner driver.

Machine Status

- If the machine and computer are connected with a USB cable, disconnect the USB cable from the computer.

Computer Settings

- Close all running applications.

- Log in as the administrator of the computer. You will be required to enter the name and password of the user with administrator privileges. If you have multiple user accounts on Mac OS X, log in with the first administrator account created.

Important

- If you install an older version of the scanner driver after installing a newer one, the scanner driver may not operate properly. In that case, reinstall the newer scanner driver.

Note

- When installing multiple versions of the scanner driver, install the older scanner driver first.

Related Topic

Obtaining the Latest Scanner Driver

Installing the Scanner Driver

Installing the Scanner Driver

Access our website via the Internet to download the latest scanner driver.

Follow these steps to install the downloaded scanner driver.

1. **Mount the disk.**

   Double-click the downloaded disk image file.

   The file is decompressed and the disk is mounted.

2. **Start the installer.**

   Double-click the ".pkg" file in the decompressed disk.

   Installation starts.

3. **Install the driver.**

   Follow the prompts to install.

   When the license agreement screen appears, read the terms and click **Continue**. If you do not accept the license agreement, you cannot install this software.

   If an authentication screen appears, enter the administrator's name and password, then click **Install**.

4. **Complete the installation.**

   The scanner driver is installed.

   Set up the network environment if you have more than one scanner or have a network compatible model and changed the connection from USB connection to network connection.

   Refer to "Network Scan Settings" for your model from Home of the *Online Manual* for details.

Important

- Installation may fail if you click **Go Back** during the process. In that case, select **Quit Installer** from the **Installer** menu to exit the installer, then start over the installation.
- Scanner driver can be downloaded for free; however, Internet connection fees apply.

Related Topic

- Obtaining the Latest Scanner Driver
- Before Installing the Scanner Driver

Useful Information on Scanning

- Adjusting Cropping Frames in the Image Stitch Window
- Resolution
- Data Formats

Adjusting Cropping Frames in the Image Stitch Window

"Cropping" is the act of selecting the area you want to keep in an image and discarding the rest when scanning it.

In the **Image Stitch** window, you can specify a cropping frame on the image displayed in the Preview area.

> **Note**
>
> - Refer to Help of Image Capture for how to adjust the cropping frames (selection boxes) in the screen displayed by clicking **Driver** in the IJ Scan Utility main screen.

Initial Cropping Frame

No cropping frame is specified. When you select the **Adjust cropping frames** checkbox, an active cropping frame is automatically specified around the image in the Preview area. You can drag the cropping frame to specify the area.

When you perform a scan, the image in the area specified with the cropping frame will be scanned.

Adjusting a Cropping Frame

The cursor will change into ↔↕↖↗ (Arrow) when it is positioned over a cropping frame. Click and drag the mouse to expand or contract the cropping frame.

The cursor will change into 🖐 (Hand) when it is positioned within a cropping frame. Click and drag the mouse to move the entire cropping frame.
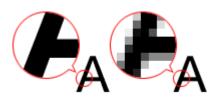

Deleting Cropping Frames

To delete the cropping frame, deselect the **Adjust cropping frames** checkbox.

Resolution

The data in the image you have scanned is a collection of dots carrying information about brightness and color. The density of these dots is called "resolution", and resolution will determine the amount of detail your image contains. The unit of resolution is dots per inch (dpi). Dpi is the number of dots per inch (2.5 cm).

The higher the resolution (value), the more detail in your image; the lower the resolution (value), the less detail.

How to Set the Resolution

You can set the resolution in **Resolution** on the (Scanning from a Computer) tab of the Settings dialog.

Appropriate Resolution Settings

Set the resolution according to the use of the scanned image.

Item Type	Use	Color Mode	Appropriate Resolution
Color photo	Copying (Printing)	Color	300 dpi
	Creating a postcard	Color	300 dpi
	Saving to a computer	Color	300 dpi
	Using on a website or attaching to e-mail	Color	150 dpi
Black and white photo	Saving to a computer	Grayscale	300 dpi
	Using on a website or attaching to e-mail	Grayscale	150 dpi
Text document (document or magazine)	Copying	Color, Grayscale, or Black and White	300 dpi
	Attaching to e-mail	Color, Grayscale, or Black and White	150 dpi
	Scanning text using OCR	Color or Grayscale	300 dpi

Important

- If you double the resolution, the data size of the scanned image quadruples. If the file is too large, the processing speed will slow down significantly, and you will experience inconvenience such as lack of memory. Set the minimum required resolution according to the use of the image.

Note

- When you will be printing the scanned image by enlarging it, scan by setting a higher resolution than the recommended one above.

Data Formats

You can select a data format when saving scanned images. You should specify the most suitable data format according to how you want to use the image on which application.

Available data formats vary by application and operating system (Windows or Mac OS).

See below for the characteristics of each image data format.

PNG (Standard File Extension: .png)

A data format often used on websites.

PNG is suitable for editing saved images.

JPEG (Standard File Extension: .jpg)

A data format often used on websites and for digital camera images.

JPEG features high compression rates. JPEG images slightly degrade every time they are saved, and cannot be returned to their original state.

JPEG is not available for black and white images.

TIFF (Standard File Extension: .tif)

A data format featuring a relatively high compatibility between various computers and applications.

TIFF is suitable for editing saved images.

>>> **Note**

- Some TIFF files are incompatible.
- IJ Scan Utility supports the following TIFF file formats.
  - Uncompressed, black and white binary
  - Uncompressed, RGB (8 bits per channel)
  - Uncompressed, Grayscale

PDF (Standard File Extension: .pdf)

A data format for electronic documents, developed by Adobe Systems Incorporated.

It can be used on various computers and operating systems, and fonts can be embedded as well; therefore, people in different environments can exchange the files without being aware of the differences.

Placing Items (When Scanning from a Computer)

Learn how to place items on the platen of your scanner or printer. Place items correctly according to the type of item to be scanned. Otherwise, items may not be scanned correctly.

>> **Important**

- Do not place objects on the document cover. When you open the document cover, the objects may fall into your scanner or printer, resulting in malfunction.
- Close the document cover when scanning.

Placing Items

Place items as described below to scan by detecting the item type or size automatically.

>> **Important**

- When scanning by specifying the paper size in IJ Scan Utility or the scanner driver, align an upper corner of the item with the corner at the arrow (alignment mark) of the platen.
- Photos that have been cut to various shapes and items smaller than 1.2 inches (3 cm) square cannot be cropped accurately when scanning.
- Reflective disc labels may not be scanned as expected.
- When scanned using the scanner driver, the response may differ. In that case, adjust the cropping frame (selection box) manually.

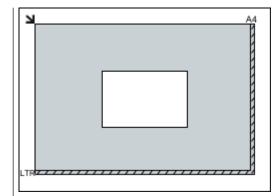| For Photos, Postcards, Business Cards, or BD/DVD/CD	For Magazines, Newspapers, or Documents
Placing a Single Item Place the item face-down on the platen, with 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and the item. Portions placed on the diagonally striped area cannot be scanned.	Place the item face-down on the platen and align an upper corner of the item with the corner at the arrow (alignment mark) of the platen. Portions placed on the diagonally striped area cannot be scanned.
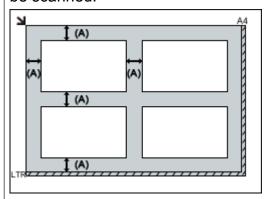
Important

- Large items (such as A4 size photos) that cannot be placed away from the edges/ arrow (alignment mark) of the platen may be saved as PDF files. To save in a format other than PDF, scan by specifying the data format.
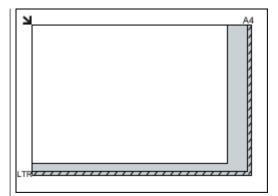
Placing Multiple Items

Allow 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and items, and between items. Portions placed on the diagonally striped area cannot be scanned.

(A) more than 0.4 inch (1 cm)

Note

- In IJ Scan Utility, you can place up to 12 items.
- You can place up to four items when the **Compress scanned images upon transfer** checkbox is selected in the Settings dialog of IJ Scan Utility.

Important

- Refer to "Loading Originals" for your model from Home of the *Online Manual* for details on the portions in which items cannot be scanned.

- Positions of slanted items (10 degrees or less) are corrected automatically.

Network Scan Settings

You can connect your scanner or printer to a network to share it among multiple computers.

> **Important**
>
> ■ Multiple users cannot scan at the same time.
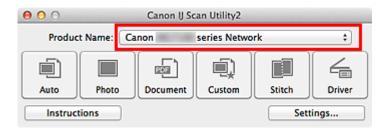> ■ To scan over a network, enable Bonjour on your scanner or printer.

> **Note**
>
> ■ Complete the network settings of your scanner or printer beforehand by following the instructions on the web page.
> ■ With network connection, scanning takes longer than USB connection.

Setting for Scanning with IJ Scan Utility

In the IJ Scan Utility main screen, select your scanner or printer that is connected to a network.

1. Start IJ Scan Utility.

2. Select "Canon XXX series Network" (where "XXX" is the model name) for **Product Name**.

You can scan via a network connection.

> **Note**
>
> ■ If you cannot scan, check that your scanner or printer is selected in the network selection screen.
> ■ For USB connection, select "Canon XXX series" (where "XXX" is the model name) for **Product Name**.