

MG6400 series Online Manual

Scanning

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Scanning

- Scanning from a Computer
 - Scanning with IJ Scan Utility
 - Scanning with Scanner Driver
 - Useful Information on Scanning
 - Placing Items (When Scanning from a Computer)
- Scanning from the Operation Panel of the Machine
 - Forwarding Scanned Data to the Computer Using the Operation Panel of the Machine
 - Attaching the Scanned Data to E-mail Using the Operation Panel of the Machine
 - Saving Scanned Data on the Memory Card Using the Operation Panel of the Machine
 - Deleting Scanned Data on Memory Card
 - Setting Items on the Operation Panel of the Machine
- Scanning with the Access Point Mode
 - Network Scan Settings
 - Selecting a Response to Commands from the Operation Panel Using IJ Scan Utility

Scanning from a Computer

- Scanning with IJ Scan Utility
- Scanning with Scanner Driver
- Useful Information on Scanning
- Placing Items (When Scanning from a Computer)

Scanning with IJ Scan Utility

- What Is IJ Scan Utility (Scanner Software)?
- Starting IJ Scan Utility
- Easy Scanning with Auto Scan V Basic
- Scanning Photos
- Scanning Documents
- Scanning with Favorite Settings
- Scanning Items Larger than the Platen (Image Stitch)
- Scanning Multiple Items at One Time
- Saving after Checking Scan Results
- Sending Scanned Images via E-mail
- Extracting Text from Scanned Images (OCR)
- IJ Scan Utility Screens

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.

000	Settings (Cu	stom Scan)		
· ○ → 18				
Auto Scan	Scan Options			
	Select Source:	Auto	\$	
Photo Scan	Color Mode:	Color	\$	
E Document Scan	Paper Size:	Auto	;	
Document Scan	Resolution:	Auto	\$	
Custom Scan	Image Processing Settings			
F.	Save Settings			
Scan and Stitch	File Name:	IMG	•	
Driver	Data Format:	Auto	\$	Settings
	Save in:	Pictures	;	
r	Application Settings			
	• Open with an application:	🕼 My Image Garden	:	
	O Send to an application:	99 Preview	\$	
	O Send to a folder:	None	\$	
	O Attach to e-mail:	None (Attach Manually)	\$	
	O Start OCR:	🐵 My Image Garden	\$	
	O Do not start any application			
		More Functions		
Instructions		Defaults		ОК

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.



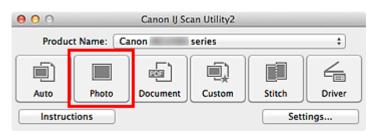
Scanning starts.

- 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.
- 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.

- 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.
- 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.

00		Canon IJ Sc	an Utility2		
Product Name: Canon series +					
			i)		4
Auto	Photo	Document	Custom	Stitch	Driver
Instructions Settings				ings	

Scanning starts.

- 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.

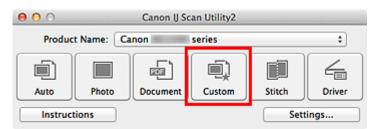
>>>> Note

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.

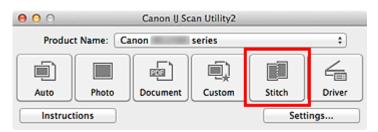
- Click Cancel to cancel the scan.
- Scanned images are saved in the folder set for Save in in the Settings (Custom Scan) dialog displayed by clicking Settings.... In the Settings (Custom Scan) dialog, you can also make advanced scan settings.

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.

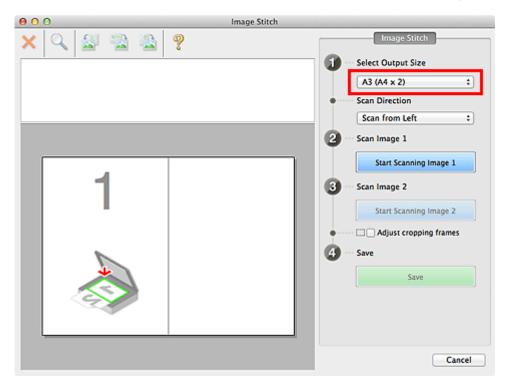
>>>> Note

- The following explains how to scan from the item to be placed on the left side.
- 1. Start IJ Scan Utility.
- 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.

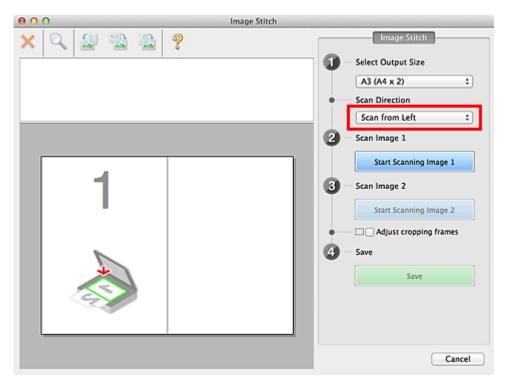


The Image Stitch window appears.

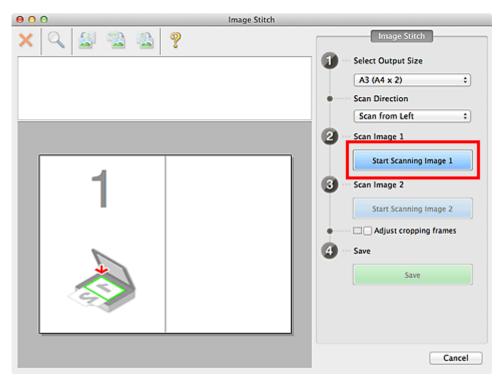
4. In Select Output Size, select an output size according to the paper size.



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 facedown on the platen.
- 7. Click Start Scanning Image 1.



The first item is scanned and appears in 1.

>>>> Note

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

- **8.** Place the item that is to be displayed on the right side of the screen facedown on the platen.
- 9. Click Start Scanning Image 2.

000	Image Stitch	
🗙 🔍 🛃 📸 🚳	?	Image Stitch
	2	 Select Output Size A3 (A4 x 2) Scan Direction Scan from Left 2 Scan Image 1 Start Scanning Image 1 3 Scan Image 2 Start Scanning Image 2 Start Scanning Image 2 Start Scanning Image 2 4 Save Save
		Cancel

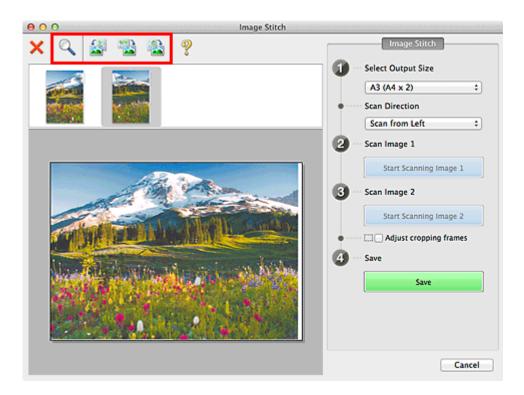
The second item is scanned and appears in 2.

>>>> 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.

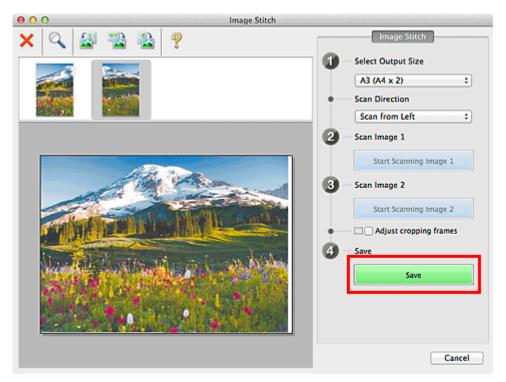


>>>> Note

- 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 X (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

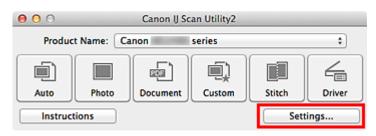
Not Using Auto Scan

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

>>>> 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.

00	Settings (Cu	istom Scan)		
₽ ₽ 18				
Auto Scan	Scan Options			
	Select Source:	Auto	\$	
Photo Scan	Color Mode:	Color	\$	
<u>_</u>	Paper Size:	Auto	\$	
Document Scan	Resolution:	Auto	\$	
Custom Scan	Image Processing Settings			
Scan and Stitch	Save Settings			
E Scan and Solon	File Name:	IMG	•	
Driver	Data Format:	Auto	•	Settings
_	Save in:	E Pictures	:	
	Application Settings			
	• Open with an application:	🞯 My Image Garden	:	
	O Send to an application:	🚯 Preview	\$	
	Send to a folder:	None	\$	
	O Attach to e-mail:	None (Attach Manually)	\$	
	Start OCR:	🗇 My Image Garden	\$	
Instructions	OB:	Defau	lts 🛛	ОК

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

000	Settings (Cu	istom Scan)	
🖻 🗭 18			
Auto Scan	Scan Options		
_	Select Source:	Photo	•
Photo Scan	Color Mode:	Color	•
Document Scan	Paper Size:	Auto scan	•
Cocument Scan	Resolution:	300 dpi	•
Custom Scan	Compress scanned images upon tran	sfer	
	Image Processing Settings		
Scan and Stitch	Save Settings		
C Driver	File Name:	IMG	•
	Data Format:	JPEG/Exif	Settings
	Save in:	Pictures	•
	Check scan results		
	Application Settings		
	• Open with an application:	🕼 My Image Garden	•
	O Send to an application:	99 Preview	\$
	O Send to a folder:	None	\$
	Annahar a mat	Constant (Associated Alexandly)	•
Instructions		Defaults	ОК

6. Select Auto scan for Paper Size, then click OK.

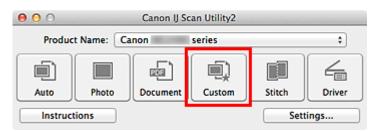
000	Settings (Cu	stom Scan)	
🖻 🗭 18			
Auto Scan	Scan Options		
	Select Source:	Photo	•
Photo Scan	Color Mode:	Color	•
	Paper Size:	Auto scan	•
Document Scan	Resolution:	300 dpi	•
Custom Scan	Compress scanned images upon trans Image Processing Settings	sfer	
Scan and Stitch	Save Settings		
Driver	File Name:	IMG	•
	Data Format:	JPEG/Exif	Settings
	Save in:	🔯 Pictures	•
	Check scan results		
	Application Settings		
	• Open with an application:	🕼 My Image Garden	•
	O Send to an application:	39 Preview	\$
	O Send to a folder:	None	\$
		Constance (Associate Manually)	
Instructions		Defaults	ОК

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.

- 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 or the operation panel.

>>>> Note

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

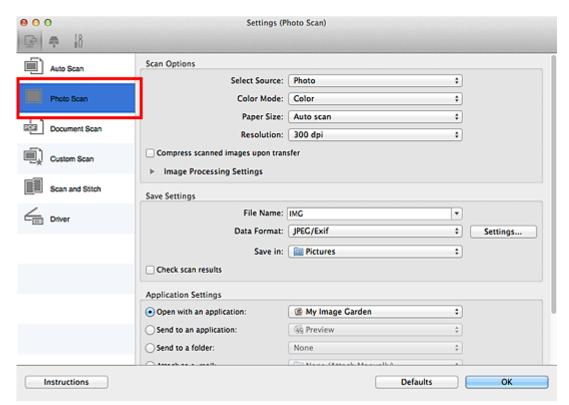
1. Start IJ Scan Utility.

2. Click Settings....

00		Canon IJ Sc	an Utility2		
Produc	t Name: Ca	anon	series		\$
	Chase of the second sec		Custom		
Auto	Photo	Document	Custom	Stitch	Driver
Instruc	tions			Sett	ings

The Settings dialog appears.

3. Click Photo Scan.



4. Select the Check scan results checkbox, then click OK.

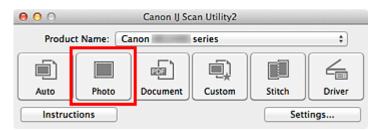
000	Settings (Pl	hoto Scan)	
🖙 🗭 👪			
Auto Scan	Scan Options		
	Select Source:	Photo	•
Photo Scan	Color Mode:	Color	\$
<u>-</u>	Paper Size:	Auto scan	\$
Document Scan	Resolution:	300 dpi	•
Custom Scan	Compress scanned images upon trans	sfer	
-3	▶ Image Processing Settings		
Scan and Stitch	Save Settings		
Com Driver	File Name:	IMG	•
_	Data Format:	JPEG/Exif	Settings
	Save in:	i Pictures	•
	Check scan results		
	Application Settings		
	• Open with an application:	🕼 My Image Garden	•
	O Send to an application:	99 Preview	\$
	O Send to a folder:	None	\$
Instructions		Defaults	ок

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.

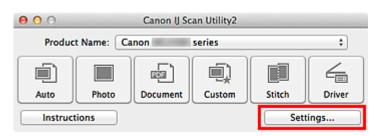
Scanned images are saved according to the settings.

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.

000	Settings (Pl	hoto Scan)
Auto Scan	Scan Options	
	Select Source:	
Photo Scan	Color Mode:	
Document Scan	Paper Size:	Auto scan 🔹
was booment scan	Resolution:	300 dpi +
Custom Scan	Compress scanned images upon trans Image Processing Settings	sfer
Scan and Stitch	Save Settings	
C Driver	File Name:	IMG *
	Data Format:	JPEC/Exif Settings
	Save in:	iiii Pictures 🗧
	Check scan results	
	Application Settings	
	• Open with an application:	G My Image Garden :
	O Send to an application:	🔞 Preview 🛟
	O Send to a folder:	None \$
	Annah	Callere (Aneck Menuella)
Instructions		Defaults OK

4. Select **Attach to e-mail** in **Application Settings**, then select an e-mail client.

000	Settings (Pi	hoto Scan)	
I = 18			
()	Paper Size:	Auto scan	\$
Auto Scan	Resolution:	300 dpi	•
Photo Scan	Compress scanned images upon tran Image Processing Settings	sfer	
Document Scan	Save Settings		
Custom Scan	File Name:	IMG	-
	Data Format:	JPEG/Exif	Settings
Scan and Stitch	Save in:	Pictures	:
C Driver	Check scan results		
	Application Settings		
	Open with an application:	🐵 My Image Garden	•
	O Send to an application:	🚱 Preview	\$
	O Send to a folder:	None	•
	• Attach to e-mail:	🔚 None (Attach Manually)	:
	O Do not start any application	More Functions	
Instructions		Defaults	ОК

>>>> 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.

00	Settings (P)	noto Scan)		
· ₽ ₽ 1 8				
_	Paper Size:	Auto scan	:	
Auto Scan	Resolution:	300 dpi	:	
Photo Scan	Compress scanned images upon transfer Image Processing Settings			
Document Scan	Save Settings			
Custom Scan	File Name:	IMG	•	
	Data Format:	JPEC/Exif	;	Settings
Scan and Stitch	Save in:	Carl Pictures	;	
C Driver	Check scan results			
	Application Settings			
	Open with an application:	🙆 My Image Garden	\$	
	Send to an application:	i Preview	\$	
	Send to a folder:	None	\$	
	Attach to e-mail:	🔚 None (Attach Manually)	;	
	O Do not start any application			
		More Functions		
Instructions		Defaults		ок

The IJ Scan Utility main screen appears.

>>>> Note

- Refer to the following pages for details on the setting items in the Settings dialog.
- → Settings (Auto Scan) Dialog
- Settings (Photo Scan) Dialog
- Settings (Document Scan) Dialog
- Settings (Custom Scan) Dialog
- ➡Settings (Driver) Dialog

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.

- 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.
- 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

- Vou 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....

00		Canon IJ Sc	an Utility2		
Produc	Product Name: Canon series \$				\$
					4
Auto	Photo	Document	Custom	Stitch	Driver
Instructions Settings			ings		

The Settings dialog appears.

3. Click Document Scan.

000	Settings (Doc	cument Scan)		
🖻 🗭 18				
Auto Scan	Scan Options			
_	Select Source:	Document	\$	
Photo Scan	Color Mode:	Color	\$	
. D	Paper Size:	Letter	\$	
Document Scan	Resolution:	300 dpi	\$	
Custom Scan	Compress scanned images upon transfer Image Processing Settings			
Scan and Stitch	Save Settings			
Driver	File Name:	IMG	•	
	Data Format:	PDF	Settings	
	Save in:	i Pictures	•	
	Check scan results			
	Application Settings			
	• Open with an application:	🕼 My Image Garden	•	
	O Send to an application:	Review	\$	
	Send to a folder:	None	\$	
	Annahara mati	Contras (Americ Menuelli)		
Instructions		Default	s OK	

>>>> 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.

00	Settings (Doe	cument Scan)		
E 🕈 18				
Auto Scan	Resolution:		•	
Photo Scan	Image Processing Settings	► Image Processing Settings		
	Save Settings			
Document Sci	File Name:	IMG	•	
Custom Scan	Data Format:	JPEG/Exif	\$ Settings	
		🔛 Pictures	;	
Scan and Stite	Check scan results			
Criver	Application Settings			
	Open with an application:	🙆 My Image Garden	\$	
	Send to an application:	9 Preview	\$	
	Send to a folder:	None	\$	
	Attach to e-mail:	None (Attach Manually)	•	
	 Start OCR: 	🕼 My Image Garden	•	
	O Do not start any application			
		More Functions		
Instructions		Defaults	ОК	

>>>> 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.

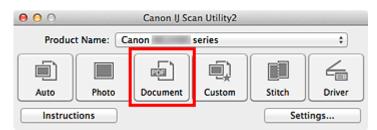
000	Settings (Doc	ument Scan)		
🖻 🗢 18				
Auto Scan	Resolution:		•	
Photo Scan	Image Processing Settings			
	Save Settings			
Document Scan	File Name:	IMG	•	
Custom Scan	Data Format:	JPEG/Exif	Settings	
F	Save in:	Pictures	;	
Scan and Stitch	Check scan results			
C Driver	Application Settings			
	Open with an application:	🙆 My Image Garden	\$	
	O Send to an application:	99 Preview	\$	
	O Send to a folder:	None	•	
	O Attach to e-mail:	None (Attach Manually)	•	
	• Start OCR:	🞯 My Image Garden	;	
	O Do not start any application			
		More Functions		
Instructions		Defaults	ок	

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
- Settings Dialog
 - Settings (Auto Scan) Dialog
 - Settings (Photo Scan) Dialog
 - Settings (Document Scan) Dialog
 - Settings (Custom Scan) Dialog
 - Settings (Scan and Stitch) Dialog
 - Settings (Driver) Dialog
 - Settings (Save to PC (Auto)) Dialog
 - Settings (Save to PC (Photo)) Dialog
 - Settings (Save to PC (Document)) Dialog
 - Settings (Attach to E-mail (Photo)) Dialog
 - Settings (Attach to E-mail (Document)) Dialog
 - Settings (General Settings) Dialog
- Network Selection Screen
- Data Format Settings Dialog
- Save Settings Dialog
- Image Stitch Window

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 three tabs in the Settings dialog: 🔄 (Scanning from a Computer), 🖛 (Scanning

from the Operation Panel), 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.

00	Settings (/	Auto Scan)	
😰 🌲 🖁			
Auto Scan	Scan Options		
Photo Scan	Save Settings		
Document Scan	File Name:	1	•
<u>_</u>	Data Format:	Auto	Settings
Custom Scan	Save in:	Pictures	•
Scan and Stitch	Application Settings		
1	• Open with an application:	🕼 My Image Garden	•
Driver	Send to an application:	🚯 Preview	\$
	 Send to a folder: 	None	*
	O Attach to e-mail:	None (Attach Manually)	\$
	O Do not start any application		
		More Functions	
	L		
Instructions		Defaults	ОК

🔄 (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

(Scanning from the Operation Panel) Tab

You can specify how to respond when scanning from the operation panel.

- Settings (Save to PC (Auto)) Dialog
- Settings (Save to PC (Photo)) Dialog
- Settings (Save to PC (Document)) Dialog

- Settings (Attach to E-mail (Photo)) Dialog
- Settings (Attach to E-mail (Document)) Dialog

Important

- When the Settings dialog is displayed from My Image Garden, the (Scanning from the Operation Panel) tab does not appear.
- When using your scanner or printer with network connection, the Settings (Save to PC (Auto)) dialog does not appear.

📓 (General Settings) Tab

You can set the product to use, operations from the operation panel, 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

Important

Operations from the operation panel can be set only when an item with "Network" after the product name is selected in **Product Name**.

Settings (Auto Scan) Dialog

Click **Auto Scan** on the **E** (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.

000	Settings (A	Auto Scan)	
🖙 🗧 🖁			
Auto Scan	Scan Options	n	(1)
Photo Scan	Save Settings		(-/)
Document Scan	File Name:	IMG	• (2)
-	Data Format:	Auto	Settings
Custom Scan	Save in:	🔯 Pictures	:
Scan and Stitch	Application Settings		
1	• Open with an application:	🕼 My Image Garden	· (3)
Driver	Send to an application:	🚱 Preview	• • •
	Send to a folder:	None	\$
	O Attach to e-mail:	None (Attach Manually)	\$
	O Do not start any application		
		More Functions	
	l,		Д
Instructions		Defaults	ОК

- (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

- 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 to be scanned on the platen correctly. Otherwise, items may not be scanned correctly.

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

>>>> 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)



You can change the data format from Settings....

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

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.

00	Settings (P	hoto Scan)		
🖙 🖨 🕼				
Auto Scan	Scan Options			
	Select Source:	Photo	\$	(1)
Photo Scan	Color Mode:	Color	\$	
Document Scan	Paper Size:	Auto scan	;	
Document Scan	Resolution:	300 dpi	\$	
Custom Scan	Compress scanned images upon trans	sfer		
	Image Processing Settings			
Scan and Stitch	Save Settings			
Driver	File Name:	IMG	•	(2)
	Data Format:	JPEG/Exif	:	Settings
	Save in:	iiii Pictures	:	
	Check scan results			
	Application Settings			
	• Open with an application:	🕼 My Image Garden	:)	(3)
	O Send to an application:	🔞 Preview	\$	x -7
	O Send to a folder:	None	\$	
	Attach to e-mail:	None (Attach Manually)	٠	
	O Do not start any application			
		More Functions		
	·			
Instructions		Defaults		ОК

- (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.

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

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

Settings (Document Scan) Dialog

Click **Document Scan** on the (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.

000	Settings (Doo	cument Scan)		
🖻 🕈 18				
Auto Scan	Scan Options			
	Select Source:	Document	;	(1)
Photo Scan	Color Mode:	Color	\$	· · · ·
Document Scan	Paper Size:	Letter	\$	
Document Scan	Resolution:	300 dpi	\$	
Custom Scan	Compress scanned images upon tran	sfer		
	Image Processing Settings			
Scan and Stitch	Save Settings			
Driver	File Name:	IMG		(2)
	Data Format:	PDF	;	Settings
	Save in:	Pictures	;	
	Check scan results			
	Application Settings			
	• Open with an application:	🔮 My Image Garden	;	(3)
	O Send to an application:	Review	=	(-)
	O Send to a folder:	None	\$	
	Attach to e-mail:	None (Attach Manually)	\$	
	O Start OCR:	🕼 My Image Garden	\$	
	O Do not start any application			
		More Functions		
Instructions		Defaults		ОК

- (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

Settings (Custom Scan) Dialog

Click **Custom Scan** on the (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.

00	Settings (Cu	istom Scan)	
🖙 🗧 🔒			
Auto Scan	Scan Options		
	Select Source:	Auto	÷ (1)
Photo Scan	Color Mode:	Color	•
E Document Scan	Paper Size:	Auto	\$
Document Scan	Resolution:	Auto	\$
Custom Scan	► Image Processing Settings		
Scan and Stitch	Save Settings		
Scan and Solon	File Name:	IMG	· (2)
C Driver	Data Format:	Auto	Settings
	Save in:	Pictures	•
	Application Settings		
	• Open with an application:	🞯 My Image Garden	· (3)
	O Send to an application:	99 Preview	•
	Send to a folder:	None	\$
	O Attach to e-mail:	None (Attach Manually)	٠.
	O Start OCR:	🐵 My Image Garden	\$
	O Do not start any application		
		More Functions	
	5		
Instructions		Defaults	ОК

- (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.

Important

- 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**.

Width:	8.50	inches (1.00 – 8.50)
Height:	11.00	inches (1.00 - 11.69)
Unit:	inches \$	
	Cancel	Defaults 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.

>>> 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**, **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

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.

00	Settings (Sca	n and Stitch)		
🖙 🗭 18				
Auto Scan	Scan Options			
	Select Source:	Document	•	(1)
Photo Scan	Color Mode:	Color	•	1.7
Document Scan	Resolution:	300 dpi	•	
uter occanient occan	Image Processing Settings			
Custom Scan	Save Settings			
	File Name:	IMG	•	(2)
Scan and Stitch	Data Format:	PDF	: Se	ttings
C Driver	Save in:	i Pictures	:	
	Check scan results			
	Application Settings			
	• Open with an application:	🔮 My Image Garden	:	(3)
	O Send to an application:	39 Preview	\$	(-)
	Send to a folder:	None	\$	
	O Do not start any application			
		More Functions		
Instructions		Defaults		ОК

- (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**



To reduce moire, set Select Source to 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 Color Mode is Black and White, Image Processing Settings is not available.

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.

>>>> Note

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

(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

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.

00	Settings	(Driver)		
🖙 🚔 👪				
Auto Scan	Save Settings			
	File Name:	IMG	•	(1)
Photo Scan	Data Format:	JPEC/Exif	•	Settings
Document Scan	Save in:	🔛 Pictures	•	
Custom Scan	Check scan results			
Scan and Stitch	Application Settings			
	• Open with an application:	🕼 My Image Garden	;	(2)
Driver	Send to an application:	69 Preview	\$	
	Send to a folder:	None	\$	
	O Attach to e-mail:	None (Attach Manually)	\$	
	O Start OCR:	🕼 My Image Garden	\$	
	O Do not start any application			
		More Functions		
Instructions		Defaul	ts 📃	ОК

(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).

>>>> Note

- When PDF or PDF (Multiple Pages) is selected, images up to 9600 pixels x 9600 pixels can be scanned.
- When the Enable large image scans checkbox is selected in Save Settings, or when Start OCR is selected in Application Settings, you can select JPEG/Exif, TIFF, or PNG.

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

Settings (Save to PC (Auto)) Dialog

Click **Save to PC (Auto)** on the **(Scanning from the Operation Panel)** tab to display the **Settings (Save to PC (Auto))** dialog.

In the **Settings (Save to PC (Auto))** dialog, you can specify how to respond when saving images to a computer after scanning them from the operation panel by automatically detecting the item type.

000	Settings (Save	to PC (Auto))		
₽ ₽ 8				
Save to PC (Auto)	Scan Options			
	Paper Size:	Auto	\$	(1)
Save to PC (Photo)	Resolution:	Auto	\$	(1)
Save to PC (Document)	Image Processing Settings			
	Save Settings			(0)
Attach to E-mail (Photo)	File Name:	IMG	•	(2)
Attach to E-mail	Data Format:	Auto	\$	Settings
(Document)	Save in:	Pictures	;	
	Application Settings			
	• Open with an application:	🞯 My Image Garden	;	(3)
	Send to an application:	Review	\$	(0)
	Send to a folder:	None	\$	
	O Do not start any application			
		More Functions		
Instructions		Defaults		ОК

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

(1) Scan Options Area

Paper Size

Auto is selected.

Resolution

Auto is selected.

Image Processing Settings

Click ► (Right Arrow) to set the following.

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.

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

>>>> Note

■ You can change the data format from **Settings...**.

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.

(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

Settings (Save to PC (Photo)) Dialog

Click **Save to PC (Photo)** on the (Scanning from the Operation Panel) tab to display the **Settings (Save to PC (Photo))** dialog.

In the **Settings (Save to PC (Photo))** dialog, you can specify how to respond when saving images to a computer as photos after scanning them from the operation panel.

000	Settings (Save	to PC (Photo))		
Save to PC (Auto)	Scan Options	(H. D. L. D. H.		(4)
	Paper Size:	Use Device Setting	+	(1)
Save to PC (Photo)	Resolution:	Use Device Setting	;	
Save to PC (Document)	Compress scanned images upon tran	sfer		
	Save Settings			
Attach to E-mail (Photo)	File Name:	IMG	•	(2)
Attach to E-mail	Data Format:	Use Device Setting	\$	Settings
(Document)	Save in:	Pictures	:	
	Application Settings			
	• Open with an application:	🞯 My Image Garden	:	(3)
	Send to an application:	S Preview	\$	(0)
	Send to a folder:	None	\$	
	O Do not start any application			
		More Functions		
Instructions		Defaults		ОК

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

(1) Scan Options Area

Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

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.

(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

Set from the operation panel.

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 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.

(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

Settings (Save to PC (Document)) Dialog

Click **Save to PC (Document)** on the **(Scanning from the Operation Panel)** tab to display the **Settings (Save to PC (Document))** dialog.

In the **Settings (Save to PC (Document))** dialog, you can specify how to respond when saving images to a computer as documents after scanning them from the operation panel.

● O O	Settings (Save to	PC (Document))		
Save to PC (Auto)	Scan Options Paper Size: Resolution: Compress scanned images upon tran		\$	(1)
Attach to E-mail (Photo)	 Image Processing Settings Save Settings File Name: Data Format: Save in: 	Use Device Setting	•	(2) Settings
	Application Settings Open with an application: Send to an application: Send to a folder: Do not start any application	My Image Garden Separate Preview None More Functions	•	(3)
Instructions		Defaults		ОК

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

(1) Scan Options Area

Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

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.

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.

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

(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

Set from the operation panel.

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 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.

(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 (Attach to E-mail (Photo)) Dialog

Click Attach to E-mail (Photo) on the a (Scanning from the Operation Panel) tab to display the Settings (Attach to E-mail (Photo)) dialog.

In the **Settings (Attach to E-mail (Photo))** dialog, you can specify how to respond when attaching images to an e-mail as photos after scanning them from the operation panel.

00	Settings (Attach to E-mail (Photo))
l₽ 🗢 18	
Save to PC (Auto)	Scan Options
	Paper Size: Use Device Setting (1)
Save to PC (Photo)	Resolution: Use Device Setting \$
Save to PC (Document)	Compress scanned images upon transfer
	Save Settings
Attach to E-mail (Photo)	File Name: IMG
Attach to E-mail (Document)	Save in: Pictures +
	Save in: Pictures
	Application Settings
	E-mail Client: None (Attach Manually) : (3)
Instructions	Defaults OK

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

(1) Scan Options Area

Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

· 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.

(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

Set from the operation panel.

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 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.

(3) Application Settings Area

E-mail Client

Specify the e-mail client to use for attaching scanned images. You can specify the e-mail client you want to start from the pop-up menu.

>>>> Note

Specify the e-mail client 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 (Attach to E-mail (Document)) Dialog

Click Attach to E-mail (Document) on the and (Scanning from the Operation Panel) tab to display the Settings (Attach to E-mail (Document)) dialog.

In the **Settings (Attach to E-mail (Document))** dialog, you can specify how to respond when attaching images to an e-mail as documents after scanning them from the operation panel.

00	Settings (Attach to E-mail (Document))
₽ = 18	
도희 Save to PC (Auto)	Scan Options
Save to PC (Photo)	Paper Size: Use Device Setting + (1)
Save to PC (Photo)	Resolution: Use Device Setting + Compress scanned images upon transfer
Save to PC (Document)	Image Processing Settings
Attach to E-mail (Photo)	Save Settings
Attach to E-mail	File Name: IMG (2)
(Document)	Data Format: Use Device Setting Settings
	Save in: 🔛 Pictures 🗘
	Application Settings
	E-mail Client: International None (Attach Manually) : (3)
Instructions	Defaults
Instructions	Defaults

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

(1) Scan Options Area

Paper Size

Set from the operation panel.

Resolution

Set from the operation panel.

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.

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.

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

(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

Set from the operation panel.

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 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, click **Add...**, then specify the destination folder in the dialog. The default save folder is the **Pictures** folder.

(3) Application Settings Area

• E-mail Client

Specify the e-mail client to use for attaching scanned images. You can specify the e-mail client you want to start from the pop-up menu.

>>>> Note

Specify the e-mail client 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 (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.

00	Settings (General Settings)		
General Settings	Product Name:	Canon s	eries	•
	E-mail Attachment Size:	No Change		\$
	Document Language:	English		\$
	Folder to Save Temporary Files			
				Browse
Instructions			Defaults	ОК

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 or the operation panel.

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. Selecting a scanner or printer automatically enables scanning from the operation panel.

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.

Scan-from-Operation-Panel Settings

The Scan-from-Operation-Panel Settings screen appears. You can select up to three scanners and printers in total for scanning from the operation panel. You can scan items using the operation panel of the selected scanner or printer, and send the scanned images to your computer over a network.

Important

When using a model with which you cannot scan over a network from the operation panel, that model does not appear in Scanners and the setting is not available.

Scan-from-Operation-Panel Settings Screen

Click **Scan-from-Operation-Panel Settings** in the network selection screen to display the Scan-from-Operation-Panel Settings screen.

Scanners

The Bonjour service names of the scanners or printers that can be used over the network are displayed.

You can select up to three scanners and printers in total at the same time.

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.

>>>> 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:	Standard \$
Create a PDF file that supports keyword search	
PDF Compression:	Standard \$
Format for Item Detected as Document in Auto Scan:	(PDF ‡)
Format for Item Detected as Photo in Auto Scan:	JPEG/Exif \$
Cancel	Defaults OK

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.

Important

This option does not appear when **Data Format** on the (Scanning from the Operation Panel) tab of the Settings dialog is **Use Device Setting**.

>>>> 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 or the operation panel, the Save Settings dialog does not appear.

Save Settings	
(1)	
IMG_	(2)
Save Settings	(2)
File Name: IMG	(3)
Data Format: JPEG/Exif 🗘	Settings
Save in: [🔤 Pictures 🛟	
Cancel	ОК

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

(1) Preview Operation Buttons

Image: Provide the state of the

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.

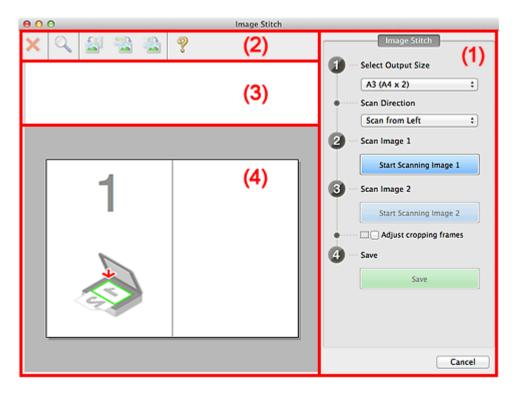
Save in

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.

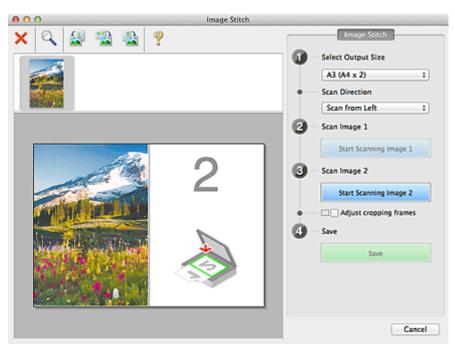
Scan from Right

Displays the first scanned image on the right side.

Scan Image 1

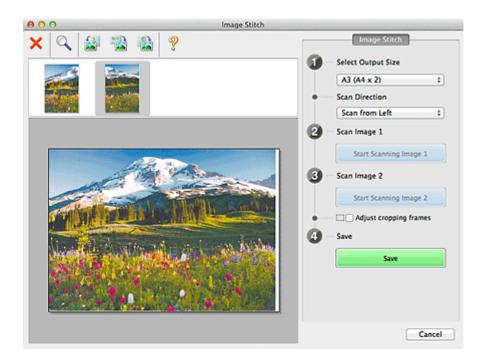
Start Scanning Image 1

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.

• X (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.



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

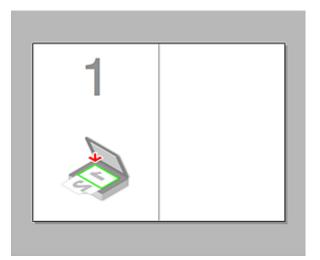
Displays the thumbnails of the scanned images. Appears blank if none has been scanned.

(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.

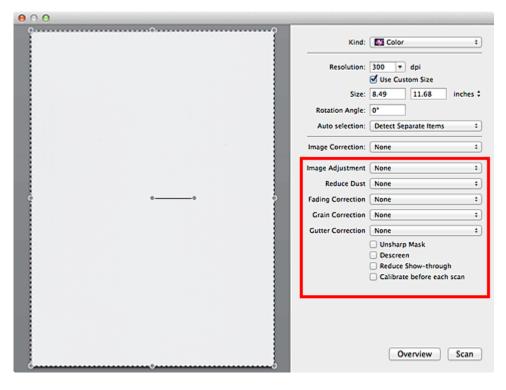


Image Adjustment

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.



Be 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 cannot scan from the operation panel of the machine and also 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 $\leftrightarrow \ddagger \checkmark \checkmark$ (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 $\langle n \rangle$ (Hand) when it is positioned within a cropping frame. Click and drag the mouse to move the entire cropping frame.



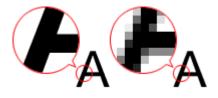
Deleting Cropping Frames

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

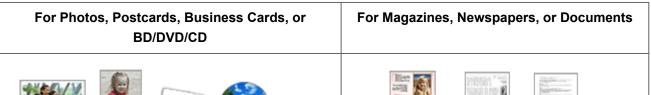
- Do not place objects on the document cover. When you open the document cover, the objects may fall into your scanner or printer, resulting in malfunction.
- Close the document cover when scanning.

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.

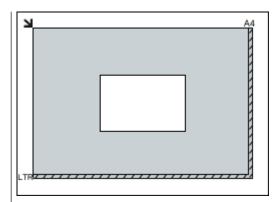


Placing a Single Item

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.

alari Martin Martin Martin Martin	2	
ace the item	face-dowr	n on the plat
d align an ur	oper corne	r of the item

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.

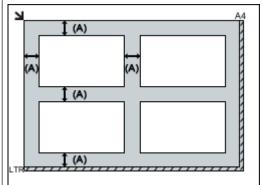


Important

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

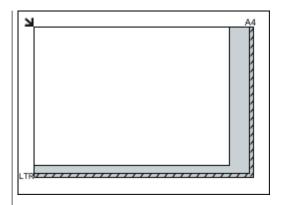
Allow 0.4 inch (1 cm) or more space between the edges (diagonally striped area) of the platen and items, and between items. Portions placed on the diagonally striped area cannot be scanned.



(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.	

Scanning from the Operation Panel of the Machine

- Forwarding Scanned Data to the Computer Using the Operation Panel of the Machine
- Attaching the Scanned Data to E-mail Using the Operation Panel of the Machine
- Saving Scanned Data on the Memory Card Using the Operation Panel of the Machine
- Deleting Scanned Data on Memory Card
- Setting Items on the Operation Panel of the Machine

Forwarding Scanned Data to the Computer Using the Operation Panel of the Machine

You can forward the scanned data to the computer using the operation panel of the machine.

Before forwarding scanned data to the computer, confirm the following:

• The scanner driver is installed.

If the scanner driver is not yet installed, install the scanner driver from our website.

The machine is connected to a computer correctly.

Make sure that the machine is connected to the computer correctly.

Do not plug in or unplug the USB cable while the machine is in operation, or when the computer is in the sleep or standby mode.

If you perform scanning via a network connection, make sure that all the required settings have been specified.

Network Scan Settings

• The destination and the file name are specified in Canon IJ Scan Utility.

You can specify the destination and the file name in Canon IJ Scan Utility. For details on settings of Canon IJ Scan Utility:

Settings Dialog

1. Make sure that the machine is turned on.



Scan on the HOME screen.

➡LCD and Operation Panel

If you forward the data to the USB-connected computer:

The Scan standby screen is displayed.



Go to step 3.

Note

• If the screen for selecting to which you save the data is displayed, select **PC** and press the **OK** button, then select **Local (USB)** and press the **OK** button. The Scan standby screen is displayed.

If you forward the data to the network-connected computer:

The screen for selecting to which you save the data is displayed.



>>>> Note

• If the Scan standby screen for forwarding the data to the USB-connected computer is displayed on the LCD, press the left **Function** button to display the screen for selecting to which you save the data.

Select the computer to forward the scanned data following the procedure below.

1

- 1. Select **PC**, then press the **OK** button.
- 2. Use the **AV** button to select the computer to forward the scanned data, then press the **OK** button.

Select PC	
Local (USB)	
PC001	
PC002	
Search again	

The Scan standby screen is displayed.

>>>> Note

- If you select Local (USB) on the Select PC screen, the data is forwarded to the USBconnected computer.
- When you forward the scanned data to the computer using WSD (one of the network protocols supported in Windows 8, Windows 7, and Windows Vista), select Enable for WSD scan from this device on WSD setting on Other settings in LAN settings under Device settings.
 - ➡WSD setting

If you press the left **Function** button, the machine starts searching for the connected computers again.

3. Use the **◄►** button to select the document type.

>>>> Note

• When you forward the scanned data to the computer searched using WSD, you cannot select the document type.



Auto scan

This item is available only when the machine is connected to the computer using a USB cable.

The machine detects the type of the originals automatically and the image is forwarded in the optimized size, resolution and data format.

>>>> Important

- You can select **Auto scan** only when you forward the scanned data to the USB-connected computer.
- Load originals properly according to their type; otherwise, some originals may not be scanned properly.

For details on how to load the original:

- Loading Originals
- The following items can be scanned:

Photos, postcards, visiting cards, magazines, newspapers, documents, BD/DVD/CDs

- The following items cannot be scanned properly.
 - A4 sized photos
 - Documents smaller than 5 inches x 7 inches (127 mm x 178 mm) such as a paperback with its backbone cut off
 - Originals on thin white paper
 - · Long and narrow originals such as panoramic photographs

Document

Scans the original on the platen glass as a document data applying the settings specified in **Scan** settings.

Photo

Scans the original on the platen glass as a photo data applying the settings specified in **Scan** settings.

4. Press the right **Function** button to adjust the settings as necessary.

Setting Items on the Operation Panel of the Machine

5. Load the original on the platen glass.

>>>> Note

• You can confirm the procedure to load the original by pressing the center **Function** button.

6. Press the Color button for color scanning, or the Black button for black & white scanning.

>>>> Note

• When you forward the scanned data to the computer using WSD, press the **Color** button.

• If you select JPEG or TIFF for Format on the scan setting screen:

The machine starts scanning and scanned data is forwarded to the computer.

• When you select **PDF** or **Compact PDF** for **Format** on the scan setting screen:

The confirmation screen asking you if you continue scanning is displayed after scanning is complete.

If you continue scanning, load the original on the platen glass and start scanning.

If you do not continue scanning, press the left **Function** button. The scanned data is forwarded to the computer.

Scanned data is forwarded to the computer according to the settings specified in Canon IJ Scan Utility.

Remove the original on the platen glass after scanning is complete.

>>>> Important

• If the scanning result with **Auto scan** is not satisfactory, select **Document** or **Photo** according to the original in step 3, then specify the scan size or other setting items in step 4.

If you want to scan originals with advanced settings, or if you want to edit or print the scanned images:

If you scan originals from a computer using My Image Garden, My Image Garden enables you to edit the scanned images, such as optimizing or trimming.

In addition, you can edit or print the scanned images using the compatible application software to make better use of them.

Scanning Photos and Documents

Attaching the Scanned Data to E-mail Using the Operation Panel of the Machine

You can attach scanned data to an e-mail using the operation panel of the machine.

Before attaching scanned data to an e-mail, confirm the following:

• The scanner driver is installed.

If the scanner driver is not yet installed, install the scanner driver from our website.

• The machine is connected to a computer correctly.

Make sure that the machine is connected to the computer correctly.

Do not plug in or unplug the USB cable while the machine is in operation, or when the computer is in the sleep or standby mode.

If you perform scanning via a network connection, make sure that all the required settings have been specified.

Network Scan Settings

• The mail software and the file name are specified in Canon IJ Scan Utility.

You can specify the destination and the file name in Canon IJ Scan Utility. For details on settings of Canon IJ Scan Utility:

Settings Dialog

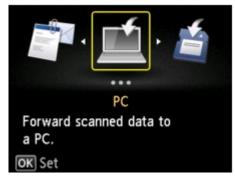
1. Make sure that the machine is turned on.



Scan on the HOME screen.

➡LCD and Operation Panel

The screen for selecting to which you save the data is displayed.



>>>> Note

• If the Scan standby screen for forwarding the data to the USB-connected computer is displayed on the LCD, press the left **Function** button to display the screen for selecting to which you save the data.

3. Select Attach to B

Attach to E-mail, then press the OK button.

4. Use the ▲▼ button to select the computer to forward the scanned data, then press the **OK** button.

Select PC	
Local (USB)	
PC001	
PC002	
Search again	

Select **Local (USB)** for a USB-connected computer, or select the computer to forward the scanned data for a network-connected computer.

The Scan standby screen is displayed.

Attach t Local (L		nail
Doc.type • Pl	hoto	·
JPEG 4"x6"(10	x15cm	/300 dpi)
💿 💿 Scan		
Save/Forward	1	Scan settings

5. Use the **I** button to select the document type.

Document

Scans the original on the platen glass as a document data applying the settings specified in **Scan** settings.

Photo

Scans the original on the platen glass as a photo data applying the settings specified in **Scan settings**.

6. Press the right **Function** button to specify the settings as necessary.

Setting Items on the Operation Panel of the Machine

7. Load the original on the platen glass.

Note

• You can confirm the procedure to load the original by pressing the center Function button.

- 8. Press the **Color** button for color scanning, or the **Black** button for black & white scanning.
 - If you select JPEG for Format on the scan setting screen:

The machine starts scanning and scanned data is forwarded to the computer and attached to an email.

• If you select PDF or Compact PDF for Format on the scan setting screen:

The confirmation screen asking you if you continue scanning is displayed after scanning is complete.

If you continue scanning, load the original on the platen glass and start scanning.

If you do not continue scanning, press the left **Function** button. The scanned data is forwarded to the computer and attached to an e-mail.

Scanned data is forwarded to the computer and attached to an e-mail according to the settings specified in Canon IJ Scan Utility.

For the settings or how to send an e-mail, refer to the mail software's instruction manual.

Remove the original on the platen glass after scanning is complete.

Saving Scanned Data on the Memory Card Using the Operation Panel of the Machine

You can save scanned data on the memory card using the operation panel.

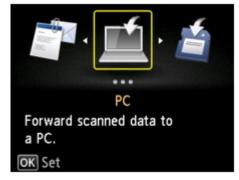
Important

- Do not remove the memory card from the machine under the following conditions:
 - · While scanning is in progress
 - · Before saving the scanned data
- For safety reasons, we recommend backing up the scanned data saved on a memory card to another media periodically to avoid unexpected accidents.
- We assume no responsibility for damage to or loss of data for whatever reason even within the warranty period.
- 1. Make sure that the machine is turned on.
- 2. Select

Scan on the **HOME** screen.

➡LCD and Operation Panel

The screen for selecting to which you save the data is displayed.



>>>> Note

- If the Scan standby screen for forwarding the data to the USB-connected computer is displayed on the LCD, press the left **Function** button to display the screen for selecting to which you save the data.
- 3. Insert the memory card into the card slot.

Note

• If you insert the memory card into the card slot before selecting **Scan** on the **HOME** screen, a screen other than **Scan** is displayed.

If both photo files and PDF files are saved on the memory card, the confirmation screen to select which file you print is displayed.

If you press the HOME button, the HOME screen is displayed.

4. Select

Memory card, then press the OK button.



Save to memory card, then press the OK button.

The Scan standby screen is displayed.

Memory card				
Doc.type • D	ocume	ent 🕨		
PDF A4		/300 dpi		
	(i)	Scan settings		

6. Use the <> button to select the document type.

Document

Scans the original on the platen glass as a document data applying the settings specified in **Scan** settings.

Photo

Scans the original on the platen glass as a photo data applying the settings specified in **Scan** settings.

7. Press the right Function button to adjust the settings as necessary.

Setting Items on the Operation Panel of the Machine

8. Load the original on the platen glass.

>>>> Note

• You can confirm the procedure to load the original by pressing the center **Function** button.

9. Press the Color button for color scanning, or the Black button for black & white scanning.

If **ON** is selected for **Preview** on the scan settings screen, the preview screen is displayed on the LCD after scanning. To rescan the original, press the left **Function** button. If you select **PDF** or **Compact PDF** for **Format** on the scan setting screen, you can rotate the scanning image on the preview screen by pressing the right **Function** button. To start saving, press the **OK** button.

• If you select JPEG for Format on the scan setting screen:

The machine starts scanning and scanned data is saved on the memory card.

• If you select PDF or Compact PDF for Format on the scan setting screen:

The confirmation screen asking you if you continue scanning is displayed after scanning is complete.

If you continue scanning, load the original on the platen glass and start scanning.

If you do not continue scanning, press the left **Function** button. The scanned data is saved on the memory card in one PDF file.

When you scan the originals continuously, you can save up to 100 pages of images in one PDF file.

Remove the original on the platen glass after scanning is complete.

>>>> Note

- If the memory card becomes full while scanning images is in progress, only the images already scanned can be saved.
- You can save up to 2000 files of scanned data in both PDF and JPEG data format.
- The folder and file name of scanned data saved on the memory card is as follows:
 - Folder name: (file extension: PDF): CANON_SC\DOCUMENT\0001
 - Folder name: (file extension: JPG): CANON_SC\IMAGE\0001
 - File name: Running numbers, starting from SCN_0001
 - File date: 01/01/2013
- · Importing the Scanned Data Saved on a Memory Card to the Computer

When you import the scanned data saved on a memory card to the computer, import the data after performing either of the operations below:

-Turning the machine off, then turn it back on.

-Removing the memory card, then reinsert it into the card slot.

Deleting Scanned Data on Memory Card

You can delete scanned data on the memory card using the operation panel.

1. Make sure that the machine is turned on.



Scan on the **HOME** screen.

➡LCD and Operation Panel

The screen for selecting to which you save the data is displayed.

Note

- If the Scan standby screen for forwarding the data to the USB-connected computer is displayed on the LCD, press the left **Function** button to display the screen for selecting to which you save the data.
- 3. Insert the memory card containing the data to delete into the card slot.

Note

• If you insert the memory card into the card slot before selecting **Scan** on the **HOME** screen, a screen other than **Scan** is displayed.

If both photo files and PDF files are saved on the memory card, the confirmation screen to select which file you print is displayed.

If you press the HOME button, the HOME screen is displayed.



Memory card, then press the OK button.



5. Select **Delete scanned data**, then press the **OK** button.

The file list is displayed.

>>>> Note

• You can preview the file to delete or switch the file list between PDF and JPEG.

PDF	1/10
SCN_0010. PDF	
SCN_0009. PDF	
SCN_0008. PDF	
SCN_0007. PDF	
SCN_0006. PDF	
SCN_0005. PDF	
Switch format	
1 2	
1. Switch format	

By pressing the left **Function** button, you can switch the display between the PDF data list and the JPEG data list.

2. Change display

By pressing the center **Function** button, you can switch the display between the list and the preview.

When the format for PDF data is selected, only the first page of the PDF data is displayed on the LCD.

- 6. Use the **AV** button to select the file to delete, then press the **OK** button.
- 7. Use the **▲▼** button to select **Yes** on the confirmation screen, then press the **OK** button.

The machine starts deleting the file.

Setting Items on the Operation Panel of the Machine

You can change the scan settings such as the scan size, resolution, or data format.

When the Scan standby screen is displayed, press the right **Function** button to select the setting item. Use the ▲▼ button to select the setting item, use the ▲► button to specify the setting, then press the **OK** button.

Note Note

- The scan setting cannot be specified under the following conditions:
 - When Auto scan is selected for Doc.type to forward the scanned data to the computer
 - When you forward the scanned data to the computer using WSD (one of the network protocols supported in Windows 8, Windows 7, and Windows Vista)
- Depending on the destination, some setting items cannot be selected. This section describes the setting items when you select **Memory card** on the screen for selecting to which you save the data.

The setting item which cannot be selected is displayed grayed out.

- Some settings cannot be specified in combination with the setting of other setting item, the document type selected for **Doc.type**, or the scan menu on the screen for selecting to which you save the data. If the setting which cannot be specified in combination is selected, **Error details** is displayed on the LCD. In this case, press the left **Function** button to confirm the message, then change the setting.
- The specified scan settings such as the scan size, resolution, and data format are retained even if the machine is turned off.
- When scanning starts in the scan menu that is not available with the specified setting, **The specified function is not available with current settings.** is displayed on the LCD. Change the setting, following the on-screen instructions.
- When you forward the scanned data to the computer or attach the data to an e-mail, you can specify the destination and file name using Canon IJ Scan Utility.

➡ Settings Dialog

- If you scan originals from the computer, you can scan with advanced settings. For details on scanning from the computer:
 - Scanning Photos and Documents

🗯 Mei	mory card		
Scan size	• A4		
Format	PDF		2
Scan res	300 dpi		3
Preview		ON	4

Memory card	1	
Preview	ON	
Reduce show-thru	OFF	5
Descreen	OFF	6
Unsharp mask	ON	7
OK End setup		

1. Scan size

Select the size of the original.

2. Format

Select the data format of the scanned data.

3. Scan res (Scan resolution)

Select the resolution for scanning.

4. Preview

Select to preview the scanned data or not when saving the data on a memory card.

5. Reduce show-thru (Reducing show-through)

Characters on the back may show through when scanning a thin document such as a newspaper. Select **ON** if characters seem to show through on the scanned document.

This setting item is not available when **Photo** is selected for **Doc.type**.

6. Descreen

A printout consists of minute dots to make characters or graphs. Interfering with each dot may result in uneven shades or a striped pattern. Select **ON** if you notice any uneven shades or a striped pattern on the scanned image.

This setting item is not available when Photo is selected for Doc.type.

Note

• Even if **ON** is selected for this setting, some moire effects may remain if **Unsharp mask** is set to **ON**. In that case, select **OFF** for **Unsharp mask**.

7. Unsharp mask

The outline of small characters or thin objects such as a hair or leaves on a photo can be accentuated. Select **ON** if you want to accentuate the outline of the scanned data.

Scanning with the Access Point Mode

When the machine enters the access point mode, you can scan from an external device such as a computer or a smartphone without involving an access point.

Important

- Before you use the machine with the access point mode, be sure to specify the access point name of the machine and the security setting.
 - Before Using the Machine with the Access Point Mode
- 1. Make sure that the machine is turned on.



- 2. Select **WLAN** on the **HOME** screen.
 - ➡LCD and Operation Panel
- 3. Use the ▲▼ button to select Access point mode, then press the OK button.
- 4. Check the message that is displayed, then press the **OK** button.

The machine enters the access point mode.

5. Connect an external device such as a computer or a smartphone to the machine via wireless LAN.

Perform wireless LAN settings with your external device, then assign the access point name specified for the machine as a destination.

>>>> Note

- For details on how to perform wireless LAN settings with an external device, refer to the device's instruction manual.
- While the machine is in the access point mode, the access point name specified for the machine is displayed on the LCD.

When you specify the machine as a destination for wireless connection to an external device, assign the access point name specified for the machine.

• While the machine is in the access point mode, pressing the right **Function** button displays the details on the security setting.

When a WPA2-PSK (AES) passphrase is valid, entering the passphrase is required to connect an external device to the machine via wireless LAN. Enter the passphrase specified for the machine.

- 6. Load the original on the platen glass.
- 7. Start scanning from an external device such as a computer or a smartphone.

Perform scanning operations from the external device and specify the machine as a scanner you use.

>>>> Note

- For details on how to scan from an external device such as a computer or a smartphone via wireless LAN, refer to the device's or application's instruction manual.
- You can also scan using PIXMA Printing Solutions.
- 8. Press the left **Function** button when scanning is completed.

The machine exits from the access point mode.

9. Press the **OK** button when the confirmation screen to end the access point mode is displayed.

Network Scan Settings

You can connect your scanner or printer to a network to share it among multiple computers or scan images into a specified computer.

Important

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

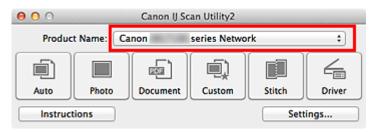
>>>> Note

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



You can scan via a network connection.

>>>> Note

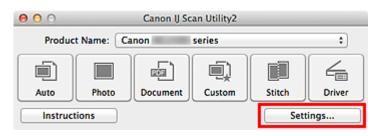
- If you cannot scan, check that your scanner or printer is selected in the network selection screen.
- For USB connection, select "Canon XXX series" (where "XXX" is the model name) for **Product Name**.

Setting for Scanning from the Operation Panel

You can make the setting for scanning from the operation panel.

1. Start IJ Scan Utility.

2. Click Settings....



The Settings dialog appears.

3. Click the M (General Settings) tab.

The Settings (General Settings) dialog appears.

4. In **Product Name**, select an item with "Network" after the product name, then click **Select** that appears to its right.

The network selection screen appears.

5. Click Scan-from-Operation-Panel Settings.

The Scan-from-Operation-Panel Settings screen appears.

- 6. Select your scanner or printer from Scanners and click OK.
- 7. Return to the network selection screen, then click OK.

The IJ Scan Utility main screen reappears. You can scan from the operation panel.

🔊 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.

Selecting a Response to Commands from the Operation Panel Using IJ Scan Utility

IJ Scan Utility allows you to specify how to respond when scanning from the operation panel.

>>>> Note

The screens for specifying the responses when performing Auto Scan from the operation panel are used as examples in the following descriptions.

1. Start IJ Scan Utility.

2. Click Settings....

00		Canon IJ Sc	an Utility2		
Produc	t Name: Ca	inon	series		\$
					4
Auto	Photo	Document	Custom	Stitch	Driver
Instruc	tions			Sett	ings

The Settings dialog appears.

3. Select a scan mode on the 🚔 (Scanning from the Operation Panel) tab.

000	Settings (Save	to PC (Auto))		
₽ 🗢 18				
Save to PC (Auto)	Scan Options			
	Paper Size:	Auto	\$	
Save to PC (Photo)	Resolution:	Auto	•	
Save to PC (Document)	Image Processing Settings			
	Save Settings			
Attach to E-mail (Photo)	File Name:	IMG	•	
Attach to E-mail	Data Format:	Auto	÷ (Settings
(Document)	Save in:	Pictures	:	
	Application Settings			
	• Open with an application:	🕼 My Image Garden	;	
	Send to an application:	Review	\$	
	Send to a folder:	None	\$	
	O Do not start any application	(
	Į	More Functions		
Instructions		Defaults		ОК

>>>> Note

- Refer to the following for details.
- ⇒ Settings (Save to PC (Auto)) Dialog
- ⇒ Settings (Save to PC (Photo)) Dialog
- ⇒ Settings (Save to PC (Document)) Dialog
- Settings (Attach to E-mail (Photo)) Dialog
- Settings (Attach to E-mail (Document)) Dialog
- 4. Specify image corrections in Scan Options.

000	Settings (Save	to PC (Auto))		
Save to PC (Auto)	Scan Options Paper Size:	Auto	*	
Save to PC (Photo)	Resolution:		*	
도 Save to PC (Document)	 Image Processing Settings Apply recommended image correction 	n		
Attach to E-mail (Photo)	Save Settings			
Attach to E-mail	File Name:	IMG	•	
(Document)	Data Format:	Auto	Settings	
	Save in:	i Pictures	•	
	Application Settings			
	• Open with an application:	🕼 My Image Garden	•	
	O Send to an application:	🚱 Preview	\$	
	Send to a folder:	None	•	
	O Do not start any application			
		More Functions		
Instructions		Defaults	ОК	

5. Specify the file name and other settings in Save Settings.

000	Settings (Save	to PC (Auto))	
Save to PC (Auto)	Scan Options		
_	Paper Size:	Auto	•
Save to PC (Photo)	Resolution:	Auto	\$
Save to PC (Document)	Image Processing Settings		
	Save Settings		
Attach to E-mail (Photo)	File Name:	IMG	•
Attach to E-mail	Data Format:	Auto	Settings
(Document)	Save in:	Pictures	•
	Application Settings		
	Open with an application:	G My Image Garden	•
	Send to an application:	Review	+
	Send to a folder:	None	•
	O Do not start any application	(mine	
	O bo not start any appreadon	More Functions	
		more relictions	
Instructions		Defaults	ОК

 Select the application you want to start after scanning in Application Settings.

● O O	Settings (Save	to PC (Auto))		
Save to PC (Auto)	Scan Options			
	Paper Size:	Auto \$		
Save to PC (Photo)	Resolution:	Auto \$		
Save to PC (Document)	Image Processing Settings			
E	Save Settings			
Attach to E-mail (Photo)	File Name:	IMG *		
Attach to E-mail	Data Format:	Auto \$	Settings	
(Document)	Save in:	Pictures ÷		
	Application Settings			
	• Open with an application:	🕼 My Image Garden 🕴		
	O Send to an application:	🔞 Preview 💠		
	O Send to a folder:	None \$		
	O Do not start any application			
		More Functions		
Instructions		Defaults	ОК	

7. Click OK.

The responses will be executed according to the specified settings when you start scanning from the operation panel.