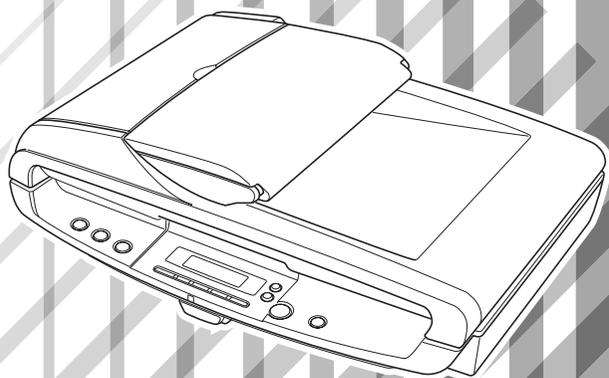


Canon

Document Scanner

DR-1210C

User's Guide



Please read this manual before using this unit. After you finish reading this manual, keep it in a safe place for future reference.

International ENERGY STAR® Office Equipment Program



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INTRODUCTION

Thank you for purchasing the Canon DR-1210C document scanner. Please read this manual thoroughly before using the machine to familiarize yourself with its capabilities, and to make the most of its many functions. After reading this manual, store it in a safe place for future reference.

Manuals for the Scanner

The DR-1210C Scanner has an Easy Start Guide and a User's Guide (this manual) included in the package, and a CapturePerfect Operation Guide and Online Help.

For details on checking the packing list, software installation, computer connections, and scanner setup, see the Easy Start Guide. For details on preparing the scanner, and details on scanning and how to handle the scanner, see the User's Guide.

The following describes the manuals packaged with the scanner. Before you start using the scanner, be sure to read this User's Guide.

Easy Start Guide

This manual describes the procedure for removing the scanner from its box through to setting up the scanner for scanning.

User's Guide (this guide)

This manual describes the basic operations for using the scanner, performing routine maintenance, and troubleshooting, and provides the scanner specifications.

Symbols Used in This Manual

The following symbols are used in this manual to explain procedures, restrictions, handling precautions, and instructions that should be observed for safety.



WARNING

Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. To use the machine safely, always pay attention to these warnings.



CAUTION

Indicates a caution concerning operations that may lead to injury to persons, or damage to property if not performed correctly. To use the machine safely, always pay attention to these cautions.



IMPORTANT

Indicates operational requirements and restrictions. Be sure to read these items carefully to operate the machine correctly, and avoid damage to the machine.



Note

Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.

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Chapter 1

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1. Important Safety Instructions

To ensure the safe operation of this scanner, be sure to read the safety warnings and precautions described below.

Installation Location

The performance of this scanner is affected by the environment in which it is installed. Make sure that the location where the scanner is installed meets the following environmental requirements.

- Provide adequate space around the scanner for operation, maintenance, and ventilation.
- Avoid installing the machine in direct sunlight. If this is unavoidable, use curtains to shade the scanner.
- Avoid locations where a considerable amount of dust accumulates.
- Avoid warm or humid locations, such as in the vicinity of a water faucet, water heater, or humidifier, and avoid locations where the fumes from ammonia, paint thinner, or other volatile chemicals may be present.
- Avoid locations where ammonia gas is emitted.
- Avoid locations near volatile or flammable materials, such as alcohol or paint thinner.
- Avoid locations that are subject to vibration.
- Avoid exposing the scanner to rapid changes in temperature. If the room in which the scanner is installed is cold but rapidly heated, water droplets (condensation) may form inside the scanner. This may result in a noticeable degradation in scanning quality.

The following conditions are recommended for optimal scanning quality:

Room temperature: 10 °C to 32.5 °C (50 °F to 90.5 °F)

Humidity: 20% to 80% RH

- Avoid installing the scanner near equipment that generates a magnetic field (e.g. speakers, televisions, or radios).

Power

- Connect only to a power outlet of the rated voltage and power supply frequency. (120 V, 60 Hz or 220-240 V, 50/60 Hz depending on your region)
- Do not connect other electrical equipment to the same power outlet to which the scanner is connected. Also, when using an extension cord, make sure that the extension cord is rated for the current requirements of the scanner.
- Never try to disassemble the AC adapter or modify it in any way, as this is extremely dangerous.
- The power cord and AC adapter may become damaged if they are often stepped on or if heavy objects are placed on them. Continued use of a

damaged power cord and AC adapter can lead to an accident, such as a fire or electrical shock.

- Do not use the power cord while it is coiled.
- Do not pull directly on the power cord. When disconnecting the power cord, grasp the plug and remove it from the outlet.
- Keep the area around the power plug clear of objects so that the power cord can be disconnected easily in an emergency.
- Use only the AC adapter provided with this scanner. Also, do not use the AC adapter provided with the scanner with any other electrical devices.

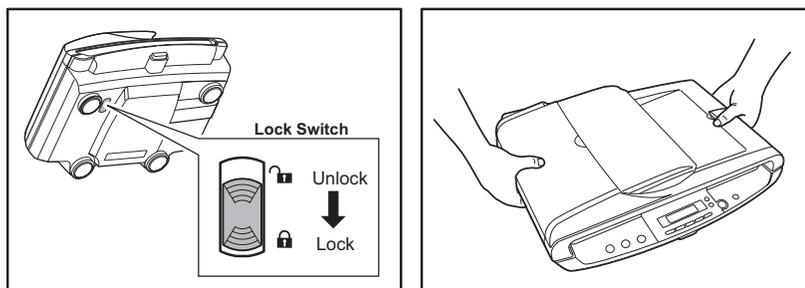
120 V model: 108-241250-US

220-240 V model: 109-241250-ES

- If you have any questions regarding the power supply, contact your local authorized Canon dealer or service representative for further information.

Moving the Scanner

- Make sure to lock the lock switch when moving the scanner. Press the lock switch to  (Lock) position. (See illustration below.) When moving the scanner, always hold it with both hands. The scanner weighs approximately 13.5 lb (6.1kg).



- * Be sure to unlock the lock switch after moving the scanner. An error message appears on the display panel if the scanner is used while the lock switch is locked. (See p. 15 and p. 67.)
- Before moving the scanner, make sure to disconnect the interface cables and AC adapter. If the scanner is transported with these items connected, the plugs and connectors may be damaged due to excessive force applied to them during movement.

Handling



WARNING

Note the following precautions whenever using the scanner. Failure to do so may result in a fire or electric shock.

- Never use alcohol, benzene, paint thinner, aerosol sprays, or any other highly flammable substance near the scanner.

-
- Do not cut, damage, or modify the power cord or AC adapter. Do not place heavy objects on the power cord or AC adapter, and do not pull or excessively bend the power cord.
 - Never connect the power cord when your hands are wet.
 - Do not connect the scanner to a multi plug power strip.
 - Do not knot or coil the power cord as this may result in a fire or electric shock. When connecting the power cord, make sure that the power plug is securely and completely inserted into the power outlet.
 - Do not use power cords and AC adapters other than the power cord and AC adapter provided with this scanner.
 - Never try to take the scanner apart or modify it in any way.
 - Never try to take the AC adapter apart or modify it in any way, as this is dangerous and may lead to a fire or electric shock.
 - Do not use flammable aerosol sprays products near the scanner.
 - When cleaning the scanner, turn the power switch OFF and disconnect the power cord from the power supply.
 - Clean the scanner using a slightly dampened cloth which has been well wrung out. Never use alcohol, benzene, paint thinner, or any other flammable substances.
 - If the scanner makes strange noises, or gives off, smoke, heat, or strange odors, or the scanner does not function or other abnormalities occur when you use the machine, immediately turn the power switch OFF, and disconnect the power plug from the power outlet. Then, contact your local authorized Canon dealer or the service representative for further information.
 - Do not drop the scanner, or subject it to impact or strong shock. Should the scanner ever become damaged, immediately turn the power switch OFF, and disconnect the power plug from the power outlet. Then, contact your local authorized Canon dealer or service representative to have the unit serviced.
 - Before moving the scanner, be sure to turn the power switch OFF, and disconnect the power plug from the power outlet.



CAUTION

- Do not install the scanner on a surface that is unstable or tilted, or in an area subject to excessive vibrations, as this may cause the scanner to fall, resulting in personal injury or damage to the scanner.
- Never place small metal objects such as staples, paper clips, or jewelry on the scanner. These items may fall into the scanner, and cause a fire or electric shock. Should such objects ever fall inside the scanner, immediately turn the power switch OFF, and disconnect the power plug from the power outlet. Then, contact your local authorized Canon dealer or service representative to have the unit serviced.

- Do not locate the scanner in a humid or dusty location. Doing so might cause fire or electric shock.
- Do not place objects on top of the scanner. Such objects may tip or fall over, resulting in personal injury.
- To prevent any risk of fire or electric shock, make sure that the power source meets the power requirements of the unit.
- When unplugging the power cord, grasp it firmly by its plug. Do not pull directly on the power cord, as this may damage or expose the cord's internal wiring, resulting in a fire or electric shock.
- Leave sufficient space around the power plug so that it can be unplugged easily. If objects are placed around the power plug, you will be unable to unplug it in an emergency.
- Do not allow water or flammable substances (alcohol, paint thinner, benzene, etc.) to spill into the scanner, as this may result in a fire or electric shock.
- Turn OFF the power switch for safety when not using the scanner for a long period of time, such as overnight. Also, turn OFF the power switch, and disconnect the AC adapter from the scanner and disconnect the power cord from the power outlet for safety when the machine will not be used for an extended period of time, such as during consecutive holidays.
- Do not wear loose clothing or jewelry that may get caught in the scanner while you are using it. This may result in personal injury. Be extra careful of neckties and long hair. If anything becomes caught in the scanner, immediately disconnect the power cord to stop the scanner.
- Open the feeder gently to avoid causing a malfunction or personal injury.
- Close the feeder gently to avoid catching your fingers, as this may result in personal injury.
- Do not press down hard on the feeder when using the platen glass to scan thick books. Doing so may damage the platen glass and result in personal injury.
- Never place any object other than documents to be scanned into the feeder or on the platen glass. Doing so may result in scanner malfunction.
- When using the scanner in the winter or cold weather, allow it to warm up after turning it on. Not doing so may cause condensation to form or an error to occur.

Disposal

- When disposing of this scanner, be sure to follow all local ordinances and laws or consult with the retailer who sold you the scanner.

2. Features of the DR-1210C Document Scanner

The main features of the DR-1210C document scanner are described below.

■ Feeder Scanning

Scanning speed: 12 sheets/minute

Scanning conditions: LTR/A4, B&W/Gray/Color, 300 dpi

* Note that only one-sided scanning is available.

■ Flatbed (Platen Glass)

Documents that cannot be scanned by the feeder (e.g. thin paper, thick paper, magazines, and bound documents) can be scanned on the flatbed.

■ USB 2.0 Interface

Connect the scanner to a computer with Hi-Speed USB 2.0 protocol.

■ Color/Grayscale Support

Documents can be scanned in 24-bit color or 256-level grayscale.

■ Job Function

Documents can be scanned automatically by pressing preregistered buttons on the operation panel. Jobs are automatically processed by a preset method without the need to start up an application.

■ Paper Size Detection

The size of scanned documents is automatically detected, and images of non-standard size documents are saved with the unwanted margin around the document removed.

■ Deskew

If a document is fed through the scanner as crooked, the scanned image is corrected so that it is aligned as straight.

■ Advanced Text Enhancement

Documents with dark backgrounds or documents with faint text written in pencil can be scanned clearly.

* Note that this function may not function effectively, depending on the document type.

■ Color Smoothing Mode

This mode lessens the moire effect (a shimmering, wavy pattern) that may occur when color documents such as magazine photos are scanned.

■ Dropout Color

This function enables the scanner to leave out (“drop out”) a specific color in a document when scanning.

■ Remove Punch Holes

This function erases the black spots that appear on a scanned image from documents that have had holes punched in them to be stored in a binder.

- **Character Orientation Detector**

This function identifies the orientation of characters in a document, and, if necessary, rotates the image so that the orientation of the scanned characters is correct.

- **Prescan Function**

The scanner is equipped with a Prescan function that allows you to adjust the contrast and brightness of a prescanned image and then send the adjusted image to the application software, without needing to scan the document again.

- **Auto Start**

This function automatically detects when you place a document on the feeder and automatically starts scanning.

- **Energy Saving Mode**

This scanner is compatible with the International Energy Star Program, and is designed to save power by using the energy saving feature except when scanning is being performed.



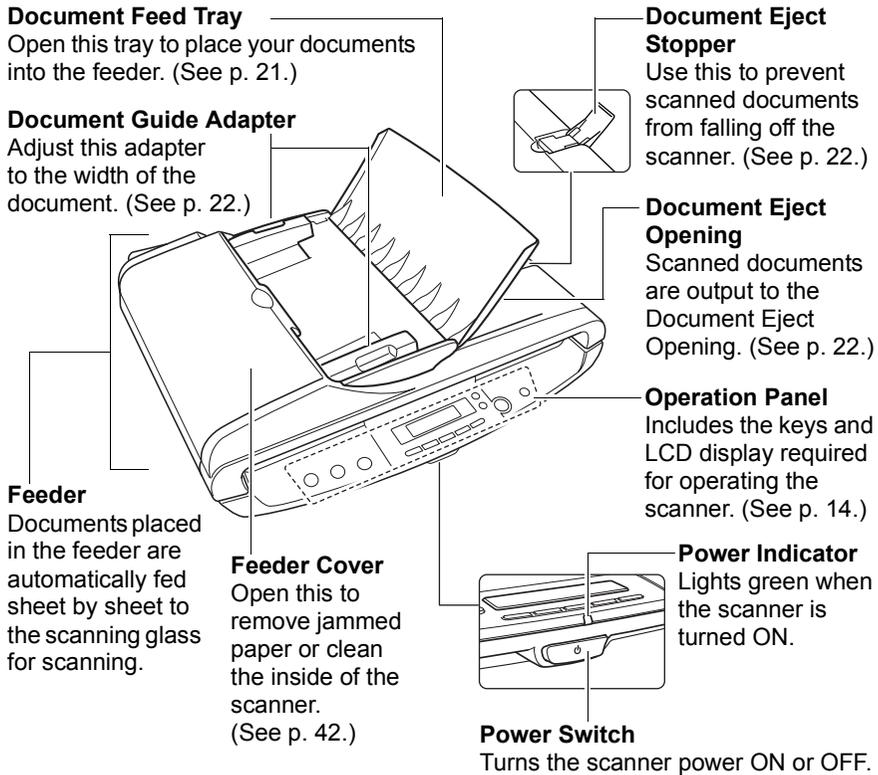
Note

Certain functions may not be available depending on the software you are using.

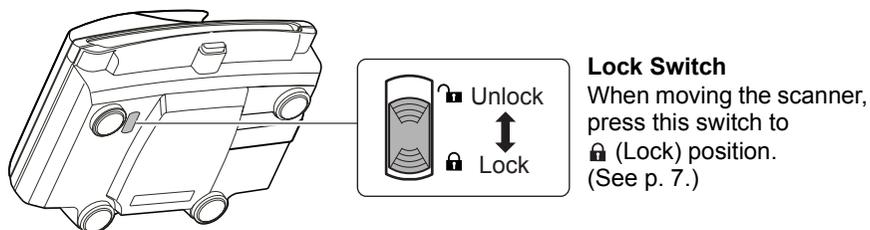
3. Names and Functions of Parts

This section describes the name and function of each part. Make sure to read this section and familiarize yourself with the parts of the scanner before using the scanner.

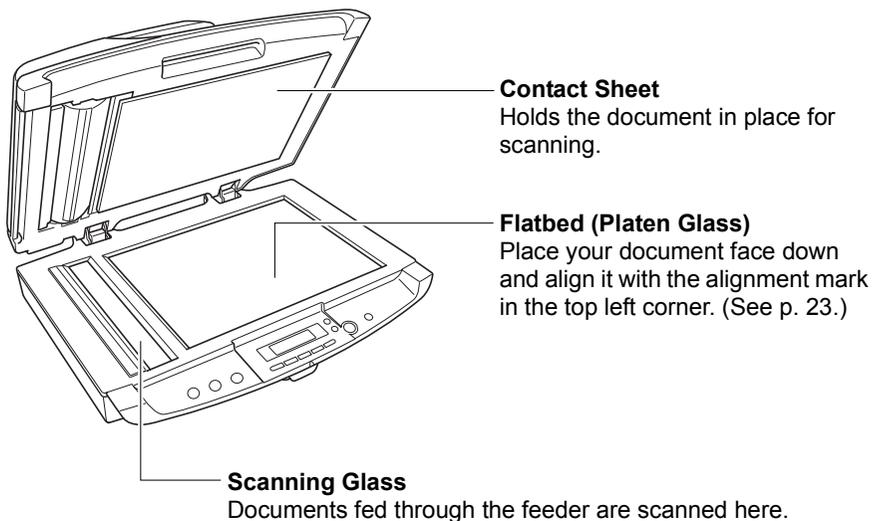
■ Top View



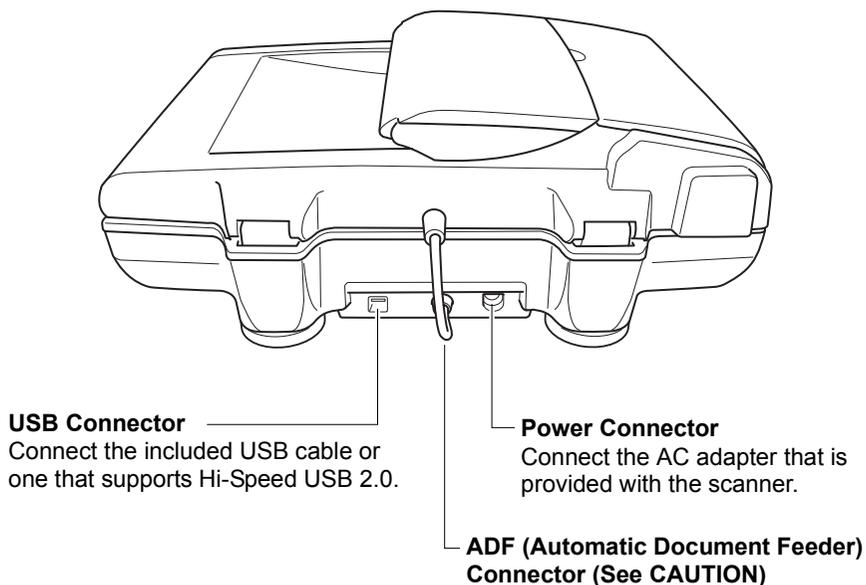
■ Bottom View



■ Flatbed (Platen Glass)



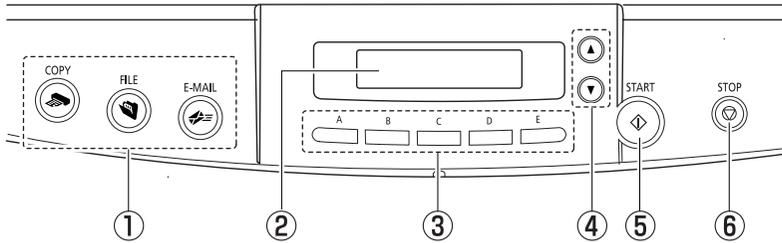
■ Back View



CAUTION

Never disconnect the ADF Connector. Disconnecting the ADF Connector will disable the feeder. (See p. 67.)

■ Operation Panel



① Job buttons

Specific jobs are assigned to the job buttons. The following operations can be performed by pressing each of these buttons:

(COPY)

Press this button to scan a document and print a copy on a specified printer.

(FILE)

Press this button to scan a document and save the scanned image to a specified folder on your computer. (The default is My Pictures in the My Documents folder.).

(E-MAIL)

Press this button to scan a document and attach the scanned image to a new e-mail message.

② Display Panel

Displays jobs registered with the Job Registration Tool, the scanner state (e.g., Scanning...), and system messages.

(Display Panel Normal Messages)

 Ready	The scanner is waiting for a button or PC operation
1.My Document	Job indication
 COPY	Display when the [COPY] button is pressed
 FILE	Display when the [FILE] button is pressed
 E-MAIL	Display when the [E-MAIL] button is pressed
 Scanning...	Scanning
Job in process...	Processing a job (Sending)
Sending complete.	Processing of jobs is complete
 Waiting...	Waiting for the next operation (e.g., there are no more pages in the document)

(Display Panel Error Messages)

 Ready	The computer is not on, or there is a communications error with the computer (e.g., the USB cable is disconnected)
 Paper Jam	Paper jam
 Feeder is not Connected	Lock switch on the bottom of the scanner is locked (See p. 7 and p. 67)
 Scanner is Locked	ADF Connector on the rear of the scanner is disconnected (See p. 13 and p. 67)

③ Selectable Job buttons (A to E)

You can assign a Selectable Job button to any job registered with the Job Registration Tool.

④ Scroll buttons (▲, ▼)

Press these buttons to scroll through the list of jobs displayed on the LCD display.

⑤ START button

Press the [START] button to perform the following functions:

- Execute jobs selected with the Selectable Job buttons or Scroll buttons.
- Start scanning when Feeding Option is set to [Panel-Feeding] when scanning from an application.
- Start applications set with the Event Driven Function. (See p. 38.)

⑥ STOP button

Press this button to stop scanning and reset the error display (e.g. paper jam).



Note

You can change the settings for the Job buttons and Selectable Job buttons by using the Job Registration Tool. (See p. 35.)

4. Installation Requirements

To use the DR-1210C, your computer must satisfy the following system requirements.

- One of the following operating systems.
 - Microsoft Windows 2000 Professional SP4 or later
 - Microsoft Windows XP Professional SP2 or later
 - Microsoft Windows XP Home Edition SP2 or later
- A computer that meets the following specifications:
 - CPU: Pentium 4 (1.8 GHz or faster)
 - Memory: 256 MB or more (1 GB or more recommended)
 - Hard disk: 1 GB or more available space
 - CD-ROM drive
 - Hi-Speed USB 2.0 interface
 - Monitor: Resolution of 1024 × 768 (XGA) or better recommended
- Use the standard equipped Hi-Speed USB 2.0 interface, or use one of the USB 2.0 interface cards recommended for use with this scanner:
- USB 2.0 interface cards made by Adaptec (for PCI bus)
 - USB2connect2000LP (AUA-2000)
 - USB2connect3100 (AUA-3100LP)
 - USB2connect5100 (AUA-5100)
- USB 2.0 interface cards made by Adaptec (for card bus)
 - USB2connect for Notebooks (AUA-1420)
- An ISIS-compatible application or a TWAIN-compatible application that is compatible with the above operating systems.



IMPORTANT

- Use the most recent version of the USB 2.0 driver provided by Microsoft. Contact your local authorized Canon dealer or service representative for more detailed information.
- Computer operations are not guaranteed with all standard equipped computer USB interfaces. If the scanner does not function normally on the standard equipped computer USB interface, then use a recommended Hi-Speed USB 2.0 interface card.
- Use the USB cable provided with the scanner, or a Hi-Speed USB 2.0 compatible cable.
- If the CPU, memory, interface card, and other specifications do not satisfy the installation requirements, the scanning speed may be greatly reduced and transmission may take a long time.
- Even if the computer satisfies the recommended specifications, the scanning speed may vary, depending on the scan settings.
- The ISIS/TWAIN Drivers provided with the scanner do not necessarily operate on all ISIS- or TWAIN-compatible applications. For details, contact your application software retailer.

5. About the Setup Disc

The Canon DR-1210 scanner setup disc contains the software listed below:

- **DR-1210C Driver**
Scanner driver for use with the DR-1210C scanner, and the Job Registration Tool
- **CapturePerfect 3.0**
ISIS-compatible application developed for Canon document scanners
- **OmniPage SE 4**
Optical character recognition (OCR) software with multiple language support, made by Nuance Communications Inc.
- **Presto! BizCard 5 SE**
Name card management software provided with the multi-language OCR made by NewSoft Technology Corp.



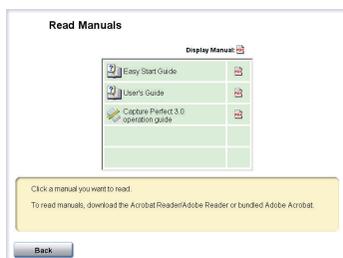
Note

- The following shows how the DR-1210C setup disc is configured. For instructions on how to install the software included on the setup disc, see the Easy Start Guide.

Menu screen

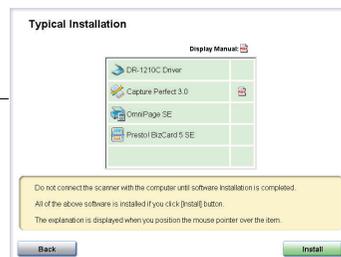


Read Manuals



* "Easy Start Guide", "User's Guide" and "CapturePerfect 3.0 Operation Guide" provided with the scanner.

Typical Software Installation



* All of the indicated software is installed.

Custom Software Installation



* Only the software selected in the checkboxes is installed.

- For information on how to use OmniPage SE 4, contact Nuance Communications Inc. and for information on how to use Presto! BizCard 5 SE, contact NewSoft Technology Corp.



Chapter 2

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Job Registration Tool Settings	54

1. Documents

The scanner can scan documents of the following sizes:

Feeder

Width:	5.8" to 8.5" (148 mm to 216 mm)
Length:	3.9" to 14.0" (100 mm to 356 mm)
Thickness:	14 to 32 lb bond (0.0024" to 0.0059") 52 to 128 g/m ² (0.06 mm to 0.15 mm)
Document Feed	35 sheets maximum or stack height of approximately
Tray capacity:	0.14" (3.5 mm)

Flatbed (Platen Glass)

Width:	8.5" (216 mm)
Length:	11.7" (297 mm)

Make sure to thoroughly read the following cautions for scanning documents using the feeder:

- **When scanning a stack of documents using the feeder, make sure that the documents are of the same size, stock, and paper quality. Feeding documents of different sizes or types together may cause a paper jam.**
- **Always make sure that the ink on a document is dry before scanning it. Scanning documents with the ink still wet may soil the rollers or scanning glass, cause lines or smudges to appear on images, or dirty other documents.**
- **Always clean the rollers or scanning glass after scanning a document written in pencil. Scanning documents with pencil written on them may soil the rollers or scanning glass, cause stripes to appear in images, or dirty other documents.**
- **When scanning a two-sided document that is printed on thin paper, the image on the opposite side of each page may show through. Adjust the brightness in the scanning conditions before scanning the document.**
- **Scanning the following types of documents using the feeder may cause paper jams or malfunctions. Scan documents like these using the flatbed (platen glass).**



Wrinkled or creased documents



Extremely thin, translucent paper



Paper with square holes



Curled paper



Carbon paper



Documents with paper clips or staples



Torn documents



Coated paper

2. Placing Documents

This section describes the procedure for placing a document on the scanner. Use the feeder when continuously scanning a stack of documents containing multiple sheets, and use the flatbed for scanning documents that cannot be placed on the feeder.

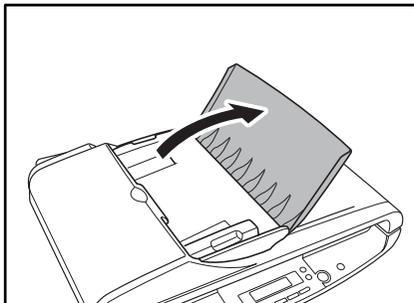
Placing a Document into the Feeder



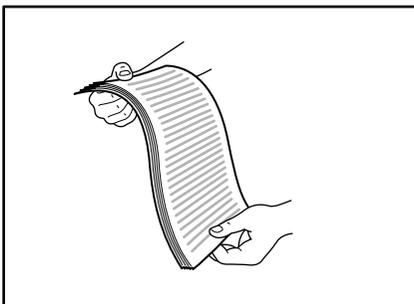
IMPORTANT

- Before you place a document, check to make sure it does not contain paper clips, staples, or other small metal objects. These objects may damage the document, or cause a paper jam or scanner malfunction.
- Do not wear loose clothing or jewelry that may get caught in the scanner while you are using it. This may result in personal injury. Be extra careful of neckties and long hair. If anything becomes caught in the scanner, immediately disconnect the power cord to stop scanning.
- Always smooth out any folds or curls in your originals before placing them into the feeder. If the leading edge of a document is curled, it may cause a paper jam.

1. Open the document feed tray.



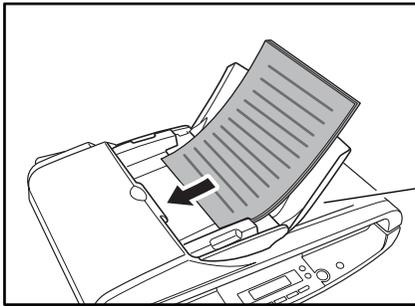
2. Fan the stack of documents to be scanned.



⚠ CAUTION

When placing your document, take care not to cut your hands on the edges of the paper.

3. Place your document face up into the feeder. Make sure to place your document as far into the feeder as it will go.



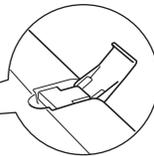
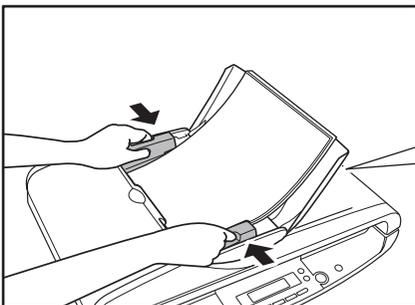
Make sure to remove any previously scanned documents remaining in the document eject opening.



IMPORTANT

The feeder can hold a stack of up to 35 sheets of paper. The feeder capacity may vary depending on the type of document you are scanning. If your documents are not fed properly, divide your documents into smaller parts before scanning them.

4. Adjust the document guide adapter so that it matches the width of the document.



Document Eject Stopper
Open to prevent documents from falling off the scanner.

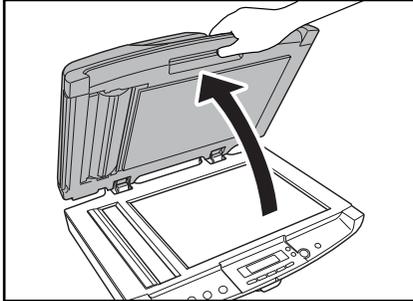


IMPORTANT

Before scanning, make sure that the document is not curled or folded, and that it is placed correctly. Scanning an improperly placed, curled, or folded document may damage the document or cause a paper jam.

Placing a Document on the Flatbed (Platen Glass)

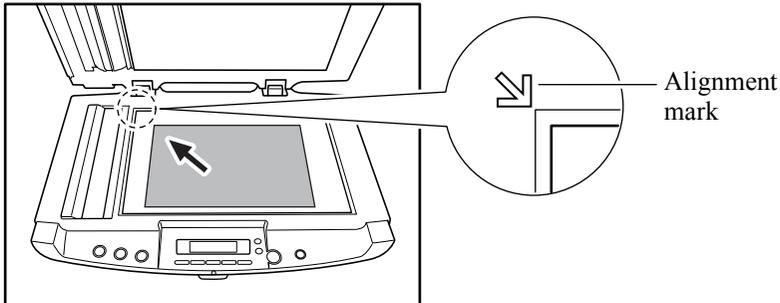
1. Carefully open the feeder.



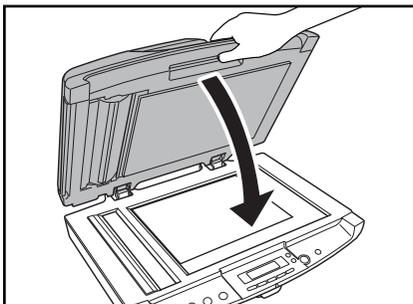
IMPORTANT

Never place any object other than documents to be scanned onto the platen glass. Doing so may result in damage to the scanner or an injury.

2. Place the document face down and align the top edge of the document with the back edge of the platen glass (by the alignment mark in the top left corner).



3. Carefully close the feeder.



**CAUTION**

- **Close the feeder gently to avoid catching your fingers, as this may result in personal injury.**
- **Do not use excessive force when closing the feeder, as this may damage or break the platen glass, and may result in personal injury.**
- **Do not press down hard on the feeder when using the platen glass to scan thick books. Doing so may damage the platen glass and result in personal injury.**

3. Scanning Documents

There are two methods of scanning documents using the DR-1210C document scanner. You can scan from an application, such as CapturePerfect 3.0, or you can use the Job function, which allows you to scan by pressing buttons on the operation panel, without starting up an application.

This section describes the scanning flow of the CapturePerfect 3.0 application and the Job Function.

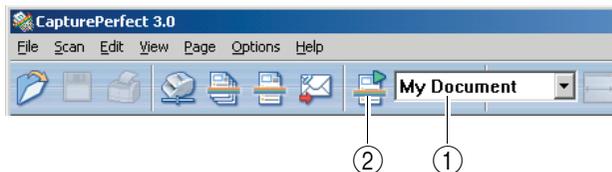
For details on how to install each application and the driver, see the Easy Start Guide.

Using CapturePerfect 3.0

CapturePerfect 3.0 is an ISIS-compatible application developed for Canon document scanners.

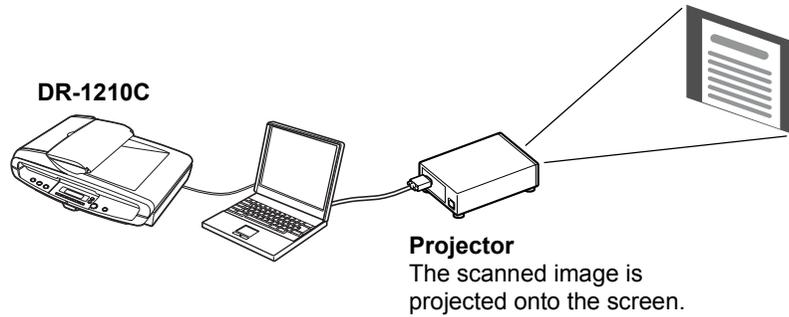
CapturePerfect 3.0 includes the following modes. Select the desired scan mode from the scan menu to perform scanning.

- **Scan Batch to File**
Documents are scanned with the preset scanning conditions, and the image file is saved to the specified folder.
- **Scan Batch to Print**
Documents are scanned with the preset scanning conditions, and the scanned image is printed on the specified printer.
- **Scan Batch to Mail**
Documents are scanned with the preset scanning conditions, the e-mail software is started up, and the scanned image is attached to a new e-mail message.
- **Scan 1 Page**
Only one page of the document is scanned.
- **Scan Job**
The scanning conditions and scan mode (Scan Batch to File, Scan Batch to Print, or Scan Batch to Mail) are registered in advance as a job. The scan job can then be performed by selecting the registered job from the drop-down list (①) and pressing  (Scan JOB) on the toolbar (②).



- **Scan to Presentation Mode**

This mode is handy when the scanner is used in environments, such as conference halls, where it can be connected to large displays or projectors. CapturePerfect 3.0 is switched to full-screen display, the document is scanned, and the scanned image is displayed at full size on the screen.



Scan to Presentation Mode



Note

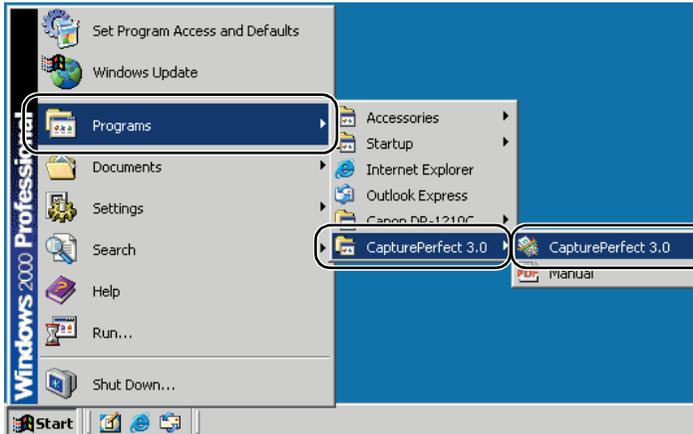
For instructions on how to use CapturePerfect 3.0, see the CapturePerfect Operation Guide and CapturePerfect Help. Be sure to read the CapturePerfect Operation Guide and CapturePerfect Help before you use CapturePerfect 3.0.

CapturePerfect Operational Procedures

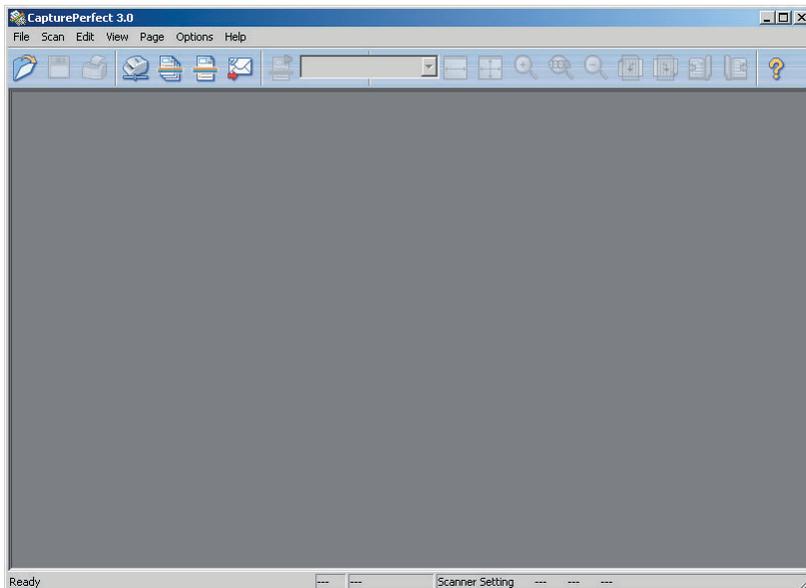
This section describes how to start up CapturePerfect 3.0, select the scanner, and the procedure up to scanning with Scan Batch to File.

For details, see the CapturePerfect Operation Guide and CapturePerfect Help.

1. Click the Windows [Start] button, and then click [Programs] ([All Programs] for Windows XP) → [CapturePerfect 3.0] → [CapturePerfect 3.0].

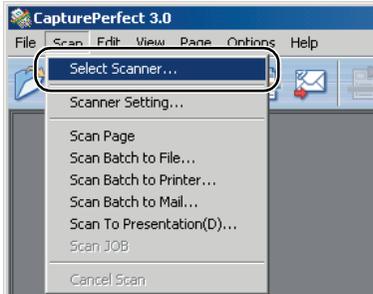


CapturePerfect 3.0 starts up.

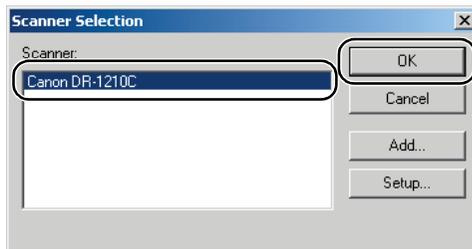


2. Follow the procedure below to select the Canon DR-1210C document scanner as the scanner to be used.

1. On the [Scan] menu, click [Select Scanner].



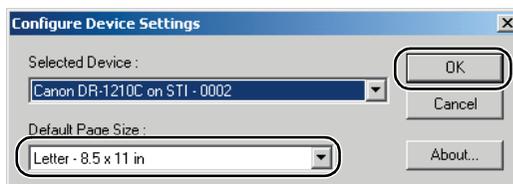
2. Select [Canon DR-1210C] → click the [OK] button.



Note

If [Canon DR-1210C] is not displayed in the list of scanners, re-install the ISIS/TWAIN Driver. (See “Step 3. Installing the Software” in the Easy Start Guide.)

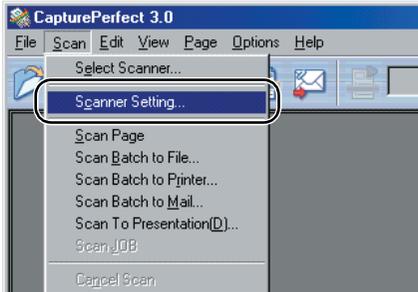
3. Set the “Default Page Size”.



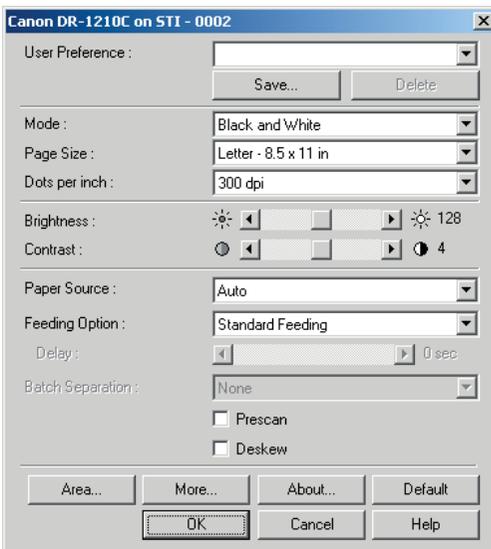
Note

This dialog box is displayed only when you select [Canon DR-1210C] for the first time and you click the [OK] button, or when you click [Setup] on the [Select Scanner screen].

3. On the [Scan] menu, click [Scanner Setting].



The ISIS Driver setup dialog box opens.



4. Set the scan settings.

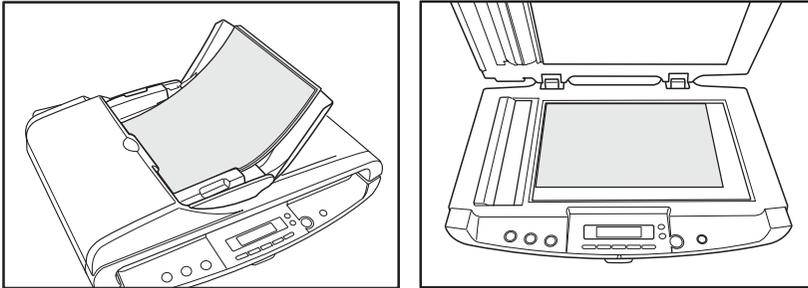
For details setting the scanning settings, see “ISIS Driver Settings,” on p. 50, and ISIS/TWAIN Driver Help.



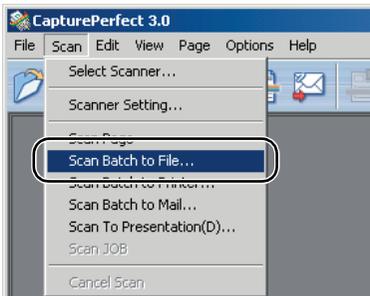
Note

If you want to scan a document using the flatbed (platen glass), set the [Paper Source] setting to [Flatbed]. If [Paper Source] is set to [Auto], the document on the flatbed is scanned if there is no document on the feeder. (See “ISIS Driver Settings ⑦,” on p. 50.)

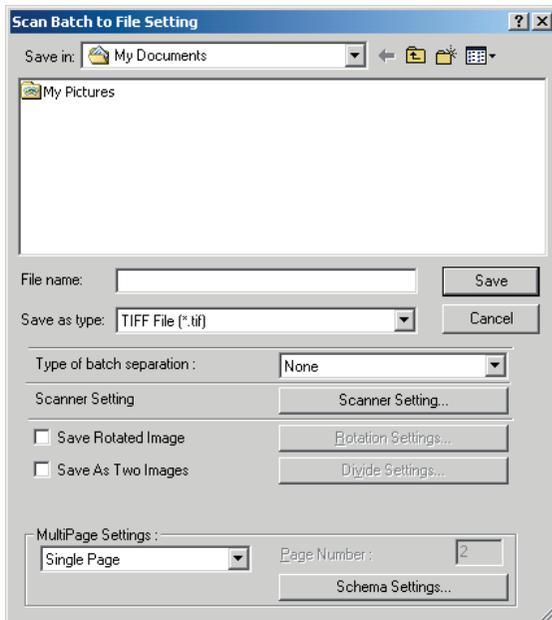
5. Place your document. (See “Placing Documents,” on p. 21.)



6. On the [Scan] menu, select [Scan Batch to File].



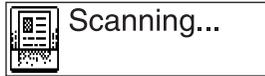
The [Scan Batch to File Setting] dialog box opens.



For more details on how to scan documents, see the CapturePerfect Operation Guide and CapturePerfect Help.

7. Specify the file name and the file type for saving the image data, and click [Save] to start scanning.

Scanning starts, and the message “Scanning” is displayed on the display panel.



For details on the available settings in the Scan Batch to File Setting dialog box, see the CapturePerfect Operation Guide and CapturePerfect Help.



Note

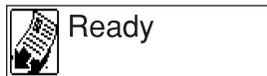
When scanning immediately after turning on the scanner or when the scan lamp is off, wait until [Warming up] appears on the PC's monitor before scanning.

(See “[Warming up] Is Displayed When Scanning,” on p. 71.)



8. When scanning is complete, the scanner's display panel message changes to “Ready” or “Waiting”. You can continue, or end scanning according to the setting selected in [Feeding Option] in the scanner setup (see step 3).

- **When Feeding Option is set to Standard Feeding, [Ready] is displayed.**



The Continue Scanning dialog box is displayed. Place another document, and click [Continue Scanning] to resume scanning, or click [Stop Scanning] to end scanning.

- **When Feeding Option is set to Auto-detection, [Waiting] is displayed.**



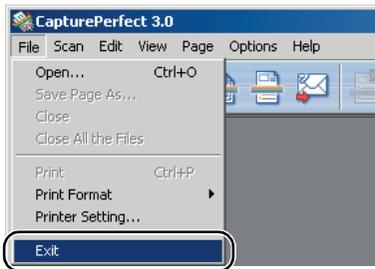
Place another document on the feeder to resume scanning, or press [STOP] on the operation panel to end scanning.

- **When Feeding Option is set to Panel-Feeding, [Waiting] is displayed.**



Place another document and press [START] on the operation panel to resume scanning, or press [STOP] on the operation panel to end scanning.

-
9. After scanning is complete, select [Exit] on the [File] menu to quit CapturePerfect 3.0.



Using the Job Function

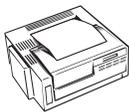
The Job function enables you to scan documents by pressing buttons on the operation panel without starting up an application. Image data scanned using the Job function is automatically processed according to the conditions preset in Job Registration Tool.

About the Job Function

The Job function includes the following four modes. To use the Job function, press the buttons on the operation panel. (See “About the Job Buttons,” on p. 34, and “About the Job Registration Tool,” on p. 35.)

Print (COPY)

Scanned images are printed on the specified printer.



(Network)

Save as file (FILE)

Scanned images are saved to the specified folder.



Send by E-Mail

Scanned images are sent by e-mail.



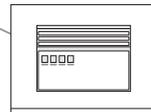
(Mail Server)



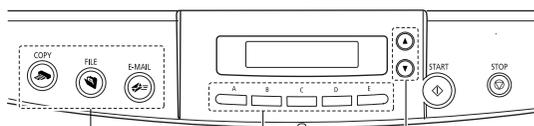
DR-1210C



Attaching to E-Mail (E-MAIL)
The e-mail software is started up, and the scanned image is attached to a new e-mail message.



Operation Panel



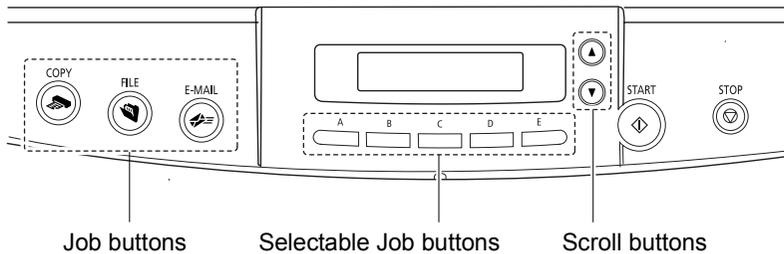
Job buttons

Selectable Job buttons

Scroll buttons

About the Job Buttons

There are various Job buttons on the operation panel. In addition to the [Job] buttons, which are registered with a predetermined job function, there are Selectable Job buttons and Scroll buttons. You can assign a job to any of the Selectable Job buttons, and use the Scroll buttons to select registered jobs.



- **Job buttons**

Three buttons [COPY] (for printing), [FILE] (for saving images as a file) and [E-MAIL] (for attaching images to e-mail messages) with assigned job functions are available. The settings of these buttons can be changed by using the Job Registration Tool.

- **Selectable Job buttons**

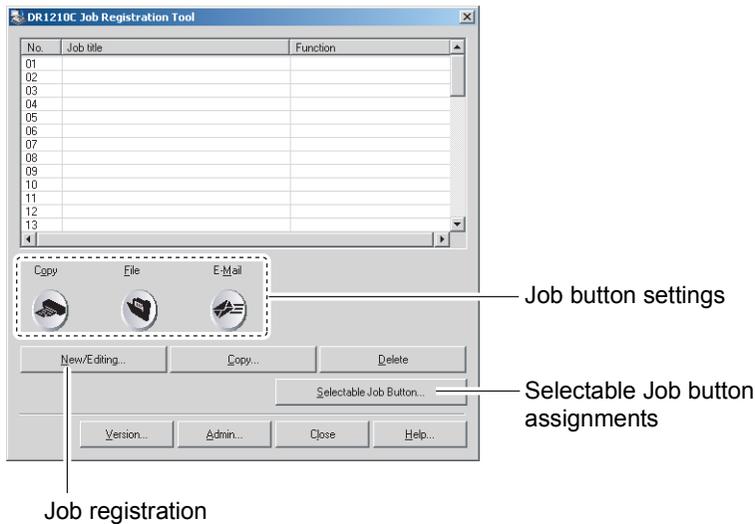
Five Selectable Job buttons ([A] to [E]) are available for you to assign jobs that have been registered with the Job Registration Tool. Pressing a Selectable Job button displays the job assigned to that button. To execute the selected job, press [START].

- **Scroll buttons [▲] [▼]**

The displayed job can be selected by pressing the Scroll buttons to scroll through the list jobs. To perform a displayed job, press [START].

About the Job Registration Tool

Job Registration Tool is a TWAIN-compatible application, which is installed at the same time as the ISIS/TWAIN Driver. You can use this application to register up to 50 jobs, set the [Job] buttons, and assign jobs to the [Selectable Job] buttons.

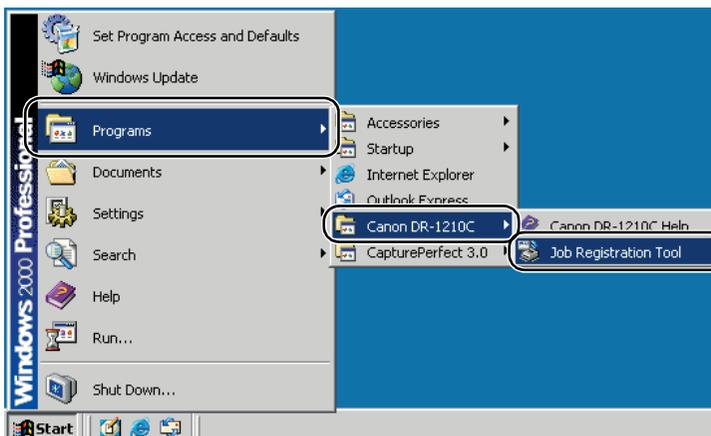


For details on the settings in Job Registration Tool, see “Job Registration Tool Settings,” on p. 54, and Job Registration Tool Help.



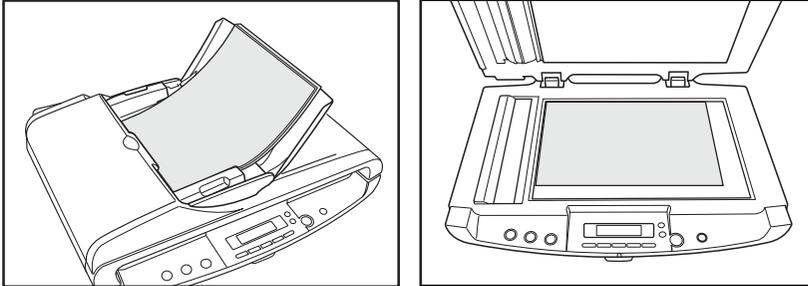
Note

To start up the Job Registration Tool, click the Windows [Start] button → click [Programs] ([All Programs] for Windows XP) → [Canon DR-1210C] → [Job Registration Tool].



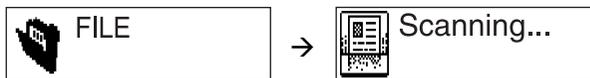
Executing Job Functions

1. Place your document. (See “Placing Documents,” on p. 21.)

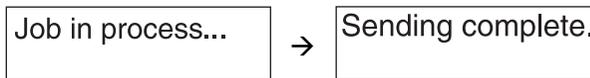


2. Push the Job Button to start a job. (See “About the Job Buttons,” on p. 34.)

1. The job selected on the display panel is displayed and scanning starts.
Example: If the FILE button is pressed.



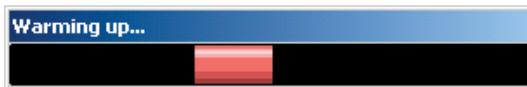
2. When scanning ends, the image data is processed (Job in process) according to the specified conditions and after the data is sent and “Sending complete” is displayed on the display panel.



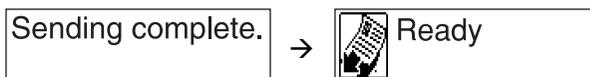
Note

When executing a job immediately after turning on the scanner or when the scan lamp is off, wait until [Warming up] appears on the PC’s monitor before executing the job.

(See “[Warming up] Is Displayed When Scanning,” on p. 71.)



3. When “Sending complete” is displayed, press the [STOP] button to clear the message.



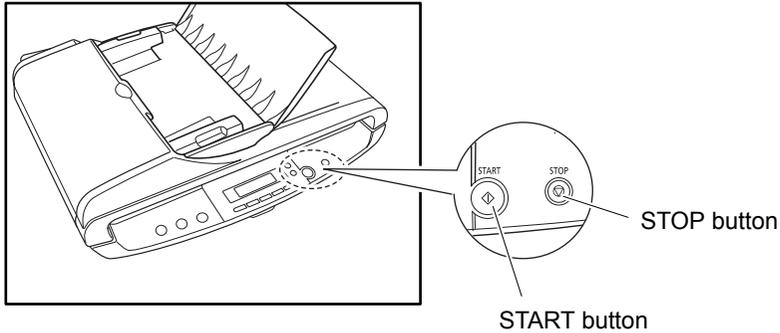
**Note**

If Feeding Option in the scanner setup is set to [Auto-detection] or [Panel-Feeding], the message “Waiting” is displayed on the display panel after scanning is complete. In this case, perform one of the following operations:



Waiting...

- **When Feeding Option is set to [Auto-detection]**
Place another document on the feeder to resume scanning, or press [STOP] on the operation panel to end scanning.
- **When Feeding Option is set to [Panel-Feeding]**
Place another document on the feeder and press [START] on the operation panel to resume scanning, or press [STOP] on the operation panel to end scanning.



Use the Start Button to Start Applications

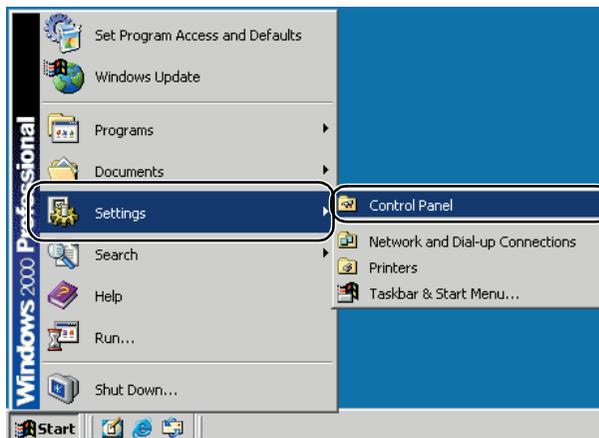
This scanner supports Windows Event Driven Function. You can start applications that are compatible with the Event Driven Function by pressing [START] on the operation panel.

All applications that are compatible with the event function are enabled in the initial status immediately after the scanner is set up. The following dialog box opens when [START] is pressed if the scanner is in the “Ready” state.

Change the event settings as follows:



1. Use the following procedure to open the “Event” settings dialog box.
 1. Click the [Start] button → click [Settings] on the [Start] menu → click [Control Panel]. (For Windows XP, click the [Start] button → click [Control Panel].)



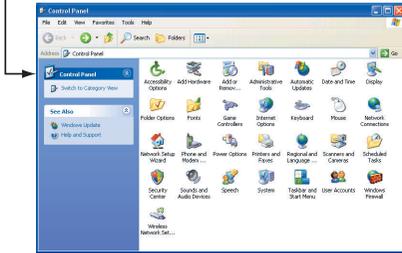
- For Windows XP, switch the Control Panel to Classic View, or select [Printers and Other Hardware] in the working field.

Control Panel (category View)

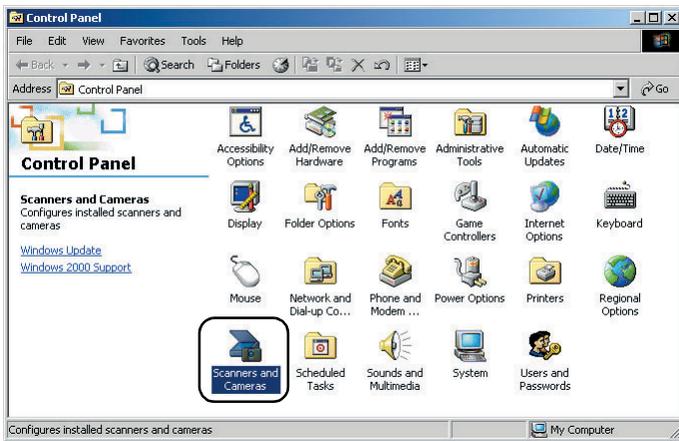
Printers and Other Hardware



Control Panel (classic View)



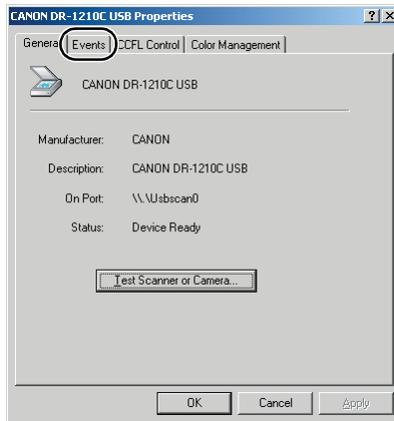
- Click [Scanners and Cameras].



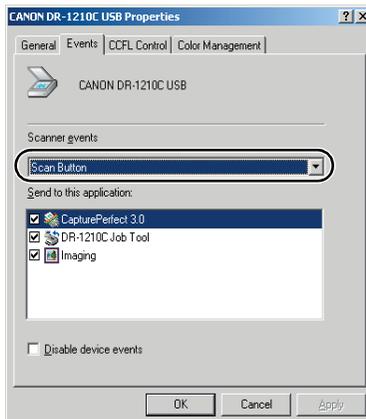
4. Select [Canon DR-1210C USB], and then click [Properties].



5. Click the [Events] tab.

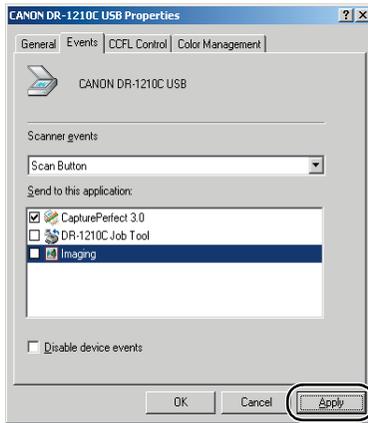


2. Select [Scan Button] from the [Scanner events] drop-down list.



All of the applications displayed in “Send to this application:” are checked.

3. Select an application to start, click all of the other applications to remove the checks from their check boxes → click [Apply] to save your changes.



IMPORTANT

Job functions cannot be used if the [Disable device events] checkbox is checked. Do not check this checkbox.



Note

Certain applications may not run normally when started as an event.

4. Click [OK] to close [CANON DR-1210C USB Properties].
5. Restart Windows to enable the new settings for the event function.

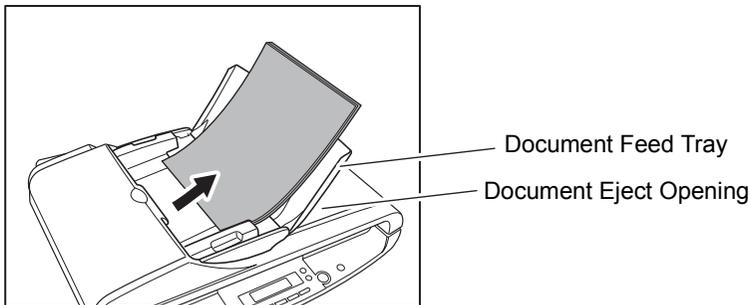
4. Clearing a Paper Jam

When a paper jam occurs on the feeder during scanning, an error message is displayed on the display panel. Follow the procedure below to clear paper jams.

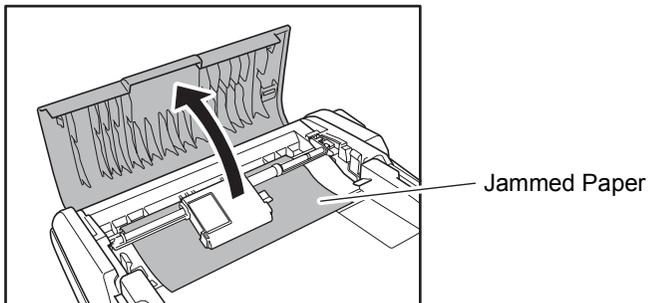


! CAUTION
When removing jammed paper, take care not to cut your hands on the edges of the paper.

1. Remove any documents from the document feed tray and the document eject opening.



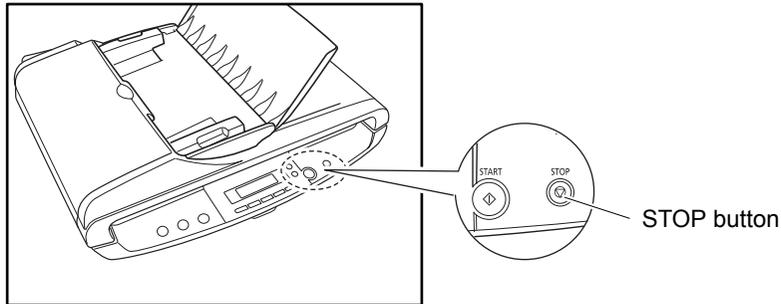
2. Open the feeder cover to check for jammed paper.



Note
If there is no jammed paper inside the feeder cover, check the back of the feeder and the document eject opening.

3. If the jammed document shows no abnormalities, such as ripped paper, close the feeder cover and press [STOP].

The jammed document is ejected, and the error message display is cleared.

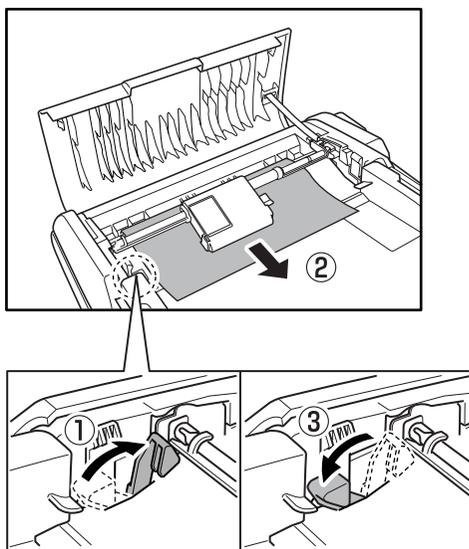


4. If the jammed document is skewed or ripped, carefully remove it manually. Take care not to rip the paper.



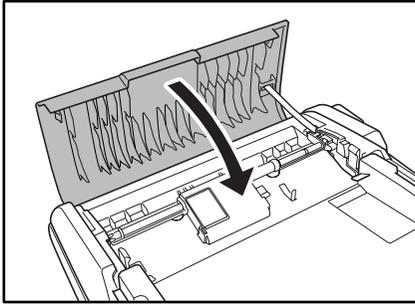
IMPORTANT

- If you are removing the document manually, make sure to remove the document carefully, by pulling on it steadily and without applying too much force. Should the paper tear, make sure to remove any torn pieces remaining in the scanner.
- To remove a document from the supply side (the back of the feeder), raise the paper release lever (①) and then carefully remove (②) the jammed document. Be sure to return the paper release lever to its original position (③) after you remove the jammed document. If the paper release lever is left in the raised position while scanning, it may cause two pages to be scanned at one time.



Paper release lever

-
5. Carefully close the feeder cover until it clicks into place.



6. Press [STOP] to clear the error message display.



Note

After removing the jammed paper, check to see if the last page of your document was scanned correctly, and then continue scanning.

5. Scanning Hints

This section describes helpful hints for setting up and using your scanner. Refer to these hints when you set up the ISIS/TWAIN Driver. For more details on items not described in this section, see “Software Settings,” on p. 49.

Flatbed (Platen Glass) Scanning

- **I want to scan on the flatbed**

Set the Paper Source setting to [Flatbed] or [Auto]. When Paper Source is set to [Auto], a document placed on the flatbed is scanned if there is no document on the feeder.

See “ISIS Driver Settings ⑦,” on p. 50, and “TWAIN Driver Settings ⑦,” on p. 52.

Scanning Non-standard Size Documents

- **I want to scan non-standard size documents**

When a non-standard size document is scanned with a standard size specified, a black margin around the scanned image. If you want to scan non-standard size documents, set Page Size to [Auto-detection]. The size of the document is automatically detected.

See “ISIS Driver Settings ③,” on p. 50, and “TWAIN Driver Settings ③,” on p. 52.

- **I want to register non-standard size documents**

A non-standard document size can be registered as a Custom Paper Size.

See “ISIS Driver Settings ⑫,” on p. 50, and “TWAIN Driver Settings ⑫,” on p. 52.

- **I want to scan only part of a document**

The scan area can be specified before scanning. Note, however, that the scan area cannot be specified when Page Size is set to [Auto-detection].

See “ISIS Driver Settings ⑬,” on p. 50, and “TWAIN Driver Settings ⑬,” on p. 52.

Scanning Multiple Documents

- **I want to divide a document that cannot be placed all at once into multiple stacks and scan them as a single file**

Set the [Feeding Option] in the Scanner Settings to [Automatic Feeding].

When the scanner detects a document, scanning starts automatically, and you can continue scanning batches until your job is complete.

When [Feeding Option] is set to [Panel-Feeding], scanning does not start until you place your document and press [START]. This is handy when you need to align the edges of the document after it has been placed.

See “ISIS Driver Settings ⑧,” on p. 50, and “TWAIN Driver Settings ⑧,” on p. 52.

- **I want to divide up scanned images by individual document stacks to save as separate files**

Set [Feeding Option] to [Auto] or [Panel], and set [Batch Separation] to [Auto]. (ISIS Driver only)

See “ISIS Driver Settings ⑧,” on p. 50, and “ISIS Driver Settings ⑨,” on p. 50.

- **I want to scan a document one sheet at a time**

Set the feeding option to [Automatic Feeding] or [Panel-Feeding] to scan one sheet at a time. When one sheet is being scanned, “Waiting” is displayed on the display panel.

If the [Feeding Option] is set to [Automatic Feeding] and the next document is loaded, the scanner starts scanning when it detects the next document.

If the [Feeding Option] is set to [Panel-Feeding] and the next document is loaded, the scanner starts scanning when the [START] button is pressed.

See “ISIS Driver Settings ⑧,” on p. 50, and “TWAIN Driver Settings ⑧,” on p. 52.

Adjusting Scanned Images

- **I want to clearly scan dark background images**

Set [Mode] to [Advanced Text Enhancement]. The background of the document is removed to enhance the text.
See “ISIS Driver Settings ②,” on p. 50, and “TWAIN Driver Settings ②,” on p. 52.
- **I want to lessen the moire effect that occurs when color documents, such as magazine photos, are scanned**

Check the [Color Smoothing] checkbox. The pixels in the scanned image are averaged, and moire patterns are suppressed.
See “ISIS Driver Settings ⑰,” on p. 50, and “TWAIN Driver Settings ⑱,” on p. 52.
- **I want to skip specific colors**

Specify the color to skip during scanning in [Color drop-out].
See “ISIS Driver Settings ⑱,” on p. 50, and “TWAIN Driver Settings ⑱,” on p. 52.
- **I want to enhance specific colors (red, blue, green)**

Select the color to enhance (red, blue or green) in [Color drop-out].
See “ISIS Driver Settings ⑱,” on p. 50, and “TWAIN Driver Settings ⑱,” on p. 52.
- **I want to enhance image contours**

Adjust the [Edge emphasis] setting.
See “ISIS Driver Settings ⑱,” on p. 50, and “TWAIN Driver Settings ⑱,” on p. 52.
- **I want to delete black borders around images**

Check the [Border Removal] checkbox.
See “ISIS Driver Settings ⑲,” on p. 50, and “TWAIN Driver Settings ⑲,” on p. 52.
- **I want to delete the black spots that appear on scanned images when scanning documents that have had holes punched in them to be stored in a binder**

Check the [Punch Hole Removal] checkbox.
See “ISIS Driver Settings ⑳,” on p. 50, and “TWAIN Driver Settings ⑲,” on p. 52.

Prescan Function

- **I want to preview the image before I scan it**

For the ISIS Driver, check the [Prescan] checkbox. The preview window is displayed when scanning starts.

See “ISIS Driver Settings ⑪,” on p. 50.

For the TWAIN Driver, check the [Prescan] checkbox and click [Preview].

One sheet of the document is scanned, and the preview window is displayed.

See “ISIS Driver Settings ⑩,” on p. 50, and “ISIS Driver Settings ⑭,” on p. 50.

Registering Settings

- **I want to use preset scanning conditions again**

Assign a name to the scanning conditions and register them as a user preference. If you select the name of an already registered user preference, the conditions you set overwrite the settings of the selected user preference.

See “ISIS Driver Settings ①,” on p. 50, and “TWAIN Driver Settings ①,” on p. 52.

With CapturePerfect 3.0 Scan JOB function, the scan mode can also be registered with the scanning conditions as a job, and scanning can be performed by selecting the job and then executing the scan job.

6. Software Settings

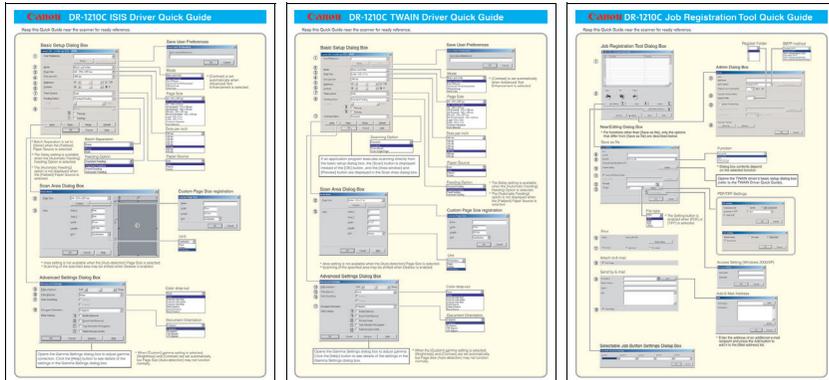
This section describes the setting items when setting the ISIS Driver, TWAIN Driver, and Job Registration Tool. For a more detailed description, read the Help files for each item.

ISIS Driver Settings.....P. 50
TWAIN Driver Settings.....P. 52
Job Registration Tool Settings.....P. 54



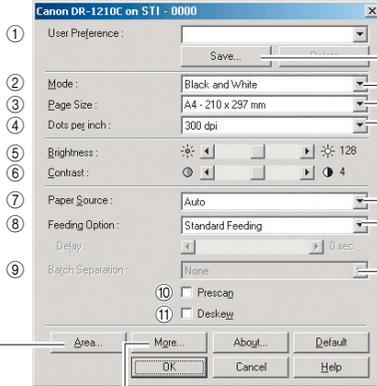
Note

A “Quick Guide” containing the same content as this section of the PDF file version of the User’s Guide is available on the setup disc. Print this guide and keep it near the scanner as a reference.



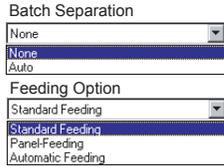
ISIS Driver Settings

Basic Setup Dialog Box

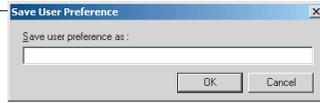


- ① User Preference
- ② Mode
- ③ Page Size
- ④ Dots per inch
- ⑤ Brightness
- ⑥ Contrast
- ⑦ Paper Source
- ⑧ Feeding Option
- ⑨ Delay
- ⑩ Batch Separation
- ⑪ Prescag
- ⑫ Desktop

- * Batch Separation is set to [None] when the [Flatbed] Paper Source is selected.
- * The Delay setting is available when the [Automatic Feeding] Feeding Option is selected.
- * The [Automatic Feeding] option is not displayed when the [Flatbed] Paper Source is selected.

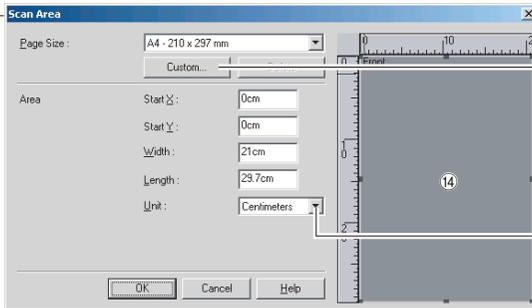


Save User Preferences



* [Contrast] is set automatically when Advanced Text Enhancement is selected.

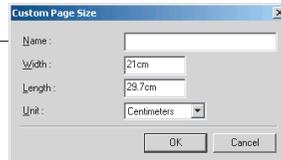
Scan Area Dialog Box



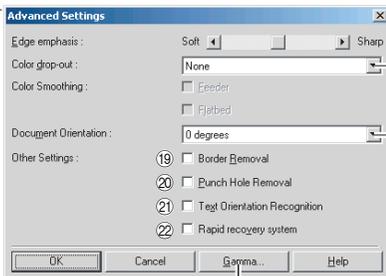
- ⑬ Page Size
- ⑭ Area

- * Area setting is not available when the [Auto-detection] Page Size is selected.
- * Scanning of the specified area may be shifted when Deskew is enabled.

Custom Page Size registration



Advanced Settings Dialog Box



- ⑮ Edge emphasis
- ⑯ Color drop-out
- ⑰ Color Smoothing
- ⑱ Document Orientation
- ⑲ Border Removal
- ⑳ Punch Hole Removal
- ㉑ Text Orientation Recognition
- ㉒ Rapid recovery system

Color drop-out



Document Orientation



Opens the Gamma Settings dialog box to adjust gamma correction. Click the [Help] button to see details of the settings in the Gamma Settings dialog box.

* When [Custom] gamma setting is selected, [Brightness] and [Contrast] are set automatically, but Page Size [Auto-detection] may not function normally.

Basic Setup Dialog Box

- ① **User Preference**
Name and save your settings.
☞ Names can consist of up to 32 characters.
- ② **Mode**
Selects the scanning mode.
☞ Selecting [24-bit Color] enables the [Color Smoothing] settings in the Advanced Settings dialog box.
- ③ **Page Size**
Selects the size of the pages to be scanned.
☞ Selecting [Auto-detection] enables automatic page size detection when scanning.
- ④ **Dots per inch**
Selects the scanning resolution.
- ⑤ **Brightness**
Adjusts the brightness of scanned images.
- ⑥ **Contrast**
Adjusts the contrast of scanned images. [Contrast] is set automatically when the Advanced Text Enhancement mode is selected.
- ⑦ **Paper Source**
Specifies the location of documents placed on the scanner.
☞ When [Auto] is selected, if a document is detected in the feeder, that document is automatically scanned. If no document is detected in the feeder, documents are scanned from the flatbed.
☞ When [Flatbed] is selected, documents are scanned from the flatbed.
☞ When [Feeder] is selected, documents are scanned from the feeder.
- ⑧ **Feeding Option**
Selects the document feeding method.
☞ [Standard Feeding] scans all loaded documents after starting scanning from the application program.
☞ [Panel-Feeding] scans all loaded documents after the scanner's scan button is pressed.
☞ [Automatic Feeding] starts scanning whenever the feeder detects a loaded document.
- ⑨ **Batch Separation**
This setting is enabled when [Panel-Feeding] or [Automatic Feeding] feeding option is selected. Documents can be scanned as separate batches.
- ⑩ **Prescan**
When scanning starts, one document is scanned and its image is displayed in the Prescan window.
- ⑪ **Deskew**
When a document page feeds at a slant, the scanned image is straightened.

Scan Area Dialog Box

- ⑫ **Page Size**
Selects the size of the pages to be scanned.
☞ Click [Custom] to register a non-standard document size as a custom page size.
- ⑬ **Area**
Specifies the area to be scanned.
☞ These settings are disabled when [Auto-detection] is selected for the page size.
- ⑭ **Area Window**
The appearance of this window indicates the current page size setting.
☞ The specified scan area can be adjusted by dragging and clicking the mouse.

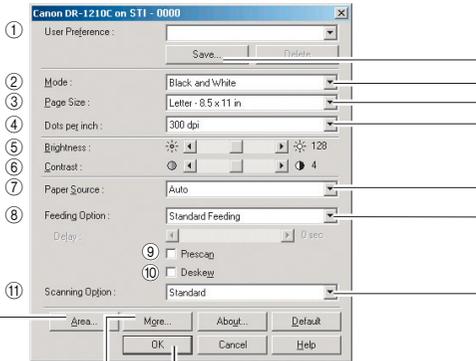
Advanced Settings Dialog Box

- ⑮ **Edge emphasis**
Enhances the contours in scanned images.
- ⑯ **Color drop-out**
Enabled for all scanning modes except [24-bit Color], this function selects skipping (drop-out) or enhancement of red, green or blue when scanning documents.
- ⑰ **Color Smoothing**
When scanning photos from magazines or catalogs with [24-bit Color] mode, you can use this function to remove moiré patterns from scanned color images. Selecting this check box activates pixel averaging in scanned images.
- ⑱ **Document Orientation**
Specify clockwise rotation of scanned images according to the orientation of documents to be scanned.
- ⑲ **Border Removal**
Removes the black border that may be created around scanned images.
- ⑳ **Punch Hole Removal**
Removes the black holes created in scanned images when scanned documents have holes punched for binding.
- ㉑ **Text Orientation Recognition**
Detects the text orientation in scanned images and rotates the images in 90° increments to normalize text orientation.
- ㉒ **Rapid recovery system**
Select this function to prevent error reporting to the application program when feeding is interrupted due to a paper jam or similar error while scanning. After fixing the cause of the interruption, scanning can be quickly resumed with standard operations.

This Quick Guide describes the dialog boxes displayed by CapturePerfect. Depending on your application program, the basic setup dialog box may not be displayed. In this case, the Advanced Settings dialog box, which includes some of the functions in the basic setup dialog box, is displayed. Click Help for details.

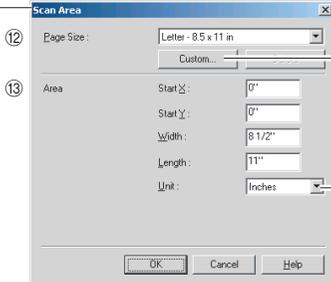
TWAIN Driver Settings

Basic Setup Dialog Box



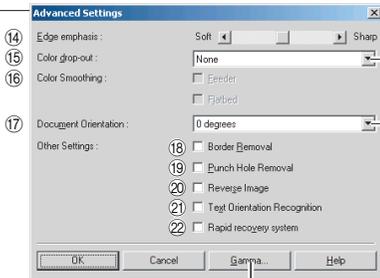
If an application program executes scanning directly from the basic setup dialog box, the [Scan] button is displayed instead of the [OK] button, and the [Area window] and [Preview] button are displayed in the Scan Area dialog box.

Scan Area Dialog Box



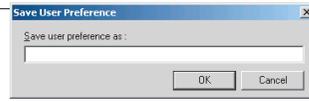
* Area setting is not available when the [Auto-detection] Page Size is selected.
 * Scanning of the specified area may be shifted when Deskew is enabled.

Advanced Settings Dialog Box

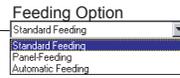


Opens the Gamma Settings dialog box to adjust gamma. Click the [Help] button to see details of the settings in the Gamma Settings dialog box.

Save User Preferences

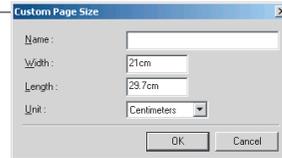


* [Contrast] is set automatically when Advanced Text Enhancement is selected.



* The Delay setting is available when the [Automatic Feeding] Feeding Option is selected.
 * The [Automatic Feeding] option is not displayed when the [Flatbed] Paper Source is selected.

Custom Page Size registration



Color drop-out



Document Orientation



* When [Custom] gamma setting is selected, [Brightness] and [Contrast] are set automatically, but Page Size [Auto-detection] may not function normally.

Basic Setup Dialog Box

- ① **User Preference**
Name and save your settings.
 - ☞ The name can consist of up to 32 characters.
- ② **Mode**
Selects the scanning mode.
 - ☞ Selecting [24-bit Color] enables the [Color Smoothing] settings in the Advanced Settings dialog box.
- ③ **Page Size**
Selects the size of the pages to be scanned.
 - ☞ Selecting [Auto-detection] enables automatic page size detection when scanning.
- ④ **Dots per inch**
Selects the scanning resolution.
- ⑤ **Brightness**
Adjusts the brightness of scanned images.
- ⑥ **Contrast**
Adjusts the contrast of scanned images
 - ☞ [Contrast] is set automatically when the Advanced Text Enhancement mode is selected.
- ⑦ **Paper Source**
Specifies the location of documents placed on the scanner.
 - ☞ When [Auto] is selected, if a document is detected in the feeder, that document is automatically scanned. If no document is detected in the feeder, documents are scanned from the flatbed.
 - ☞ When [Flatbed] is selected, documents are scanned from the flatbed.
 - ☞ When [Feeder] is selected, documents are scanned from the feeder.
- ⑧ **Feeding Option**
Selects the document feeding method.
 - ☞ [Standard Feeding] scans all loaded documents when scanning is started from the application program.
 - ☞ [Panel-Feeding] scans all loaded documents when scanning is started by pressing the scanner's scan button.
 - ☞ [Automatic Feeding] starts scanning when the feeder detects a loaded document.
- ⑨ **Prescan**
When scanning starts, one document is scanned and its image is displayed in the Prescan window.
- ⑩ **Deskew**
When a document page feeds at a slant, the scanned image is straightened.
- ⑪ **Scanning Option**
Specifies operation during scanning.
 - ☞ [Standard]:
After one page has been scanned and ejected, the next page is scanned.
 - ☞ [Scan Ahead]:
Scans document pages continuously.

- ☞ [Scan Single Page]:
Scans only one page.

Scan Area Dialog Box

- ⑫ **Page Size**
Selects the size of the pages to be scanned.
 - ☞ Click [Custom] to register a non-standard document size as a custom page size.
- ⑬ **Area**
Specifies the area to be scanned.
 - ☞ These settings are disabled when [Auto-detection] is selected for the page size.

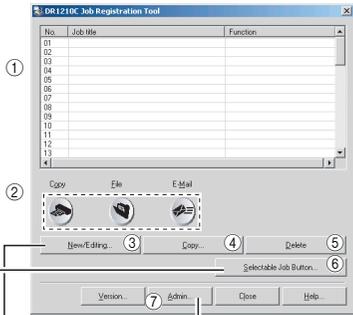
Advanced Settings Dialog Box

- ⑭ **Edge emphasis**
Enhances the contours in scanned images.
- ⑮ **Color drop-out**
Enabled for all scanning modes except [24-bit Color], this function selects skipping (drop-out) or enhancement of red, green or blue when scanning documents.
- ⑯ **Color Smoothing**
When scanning photos from magazines or catalogs with [24-bit Color] mode, you can use this function to remove moiré patterns from scanned color images. Selecting this check box activates pixel averaging in scanned images.
- ⑰ **Document Orientation**
Specify clockwise rotation of scanned images according to the orientation of documents to be scanned.
- ⑱ **Border Removal**
Removes the black border that may be created around scanned images.
- ⑲ **Punch Hole Removal**
Removes the black holes created in scanned images when scanned documents have holes punched for binding.
- ⑳ **Reverse Image**
When the [Black and White], [Error Diffusion] or [Advanced Text Enhancement] mode is selected, black and white are reversed in the scanned image.
- ㉑ **Text Orientation Recognition**
Detects the text orientation in scanned images and rotates the images in 90° increments to normalize text orientation.
- ㉒ **Rapid recovery system**
Select this function to prevent error reporting to the application program when feeding is interrupted due to a paper jam or similar error while scanning. After fixing the cause of the interruption, scanning can be quickly resumed with standard operations.

This Quick Guide describes the TWAIN driver settings. Click the Help button for details.

Job Registration Tool Settings

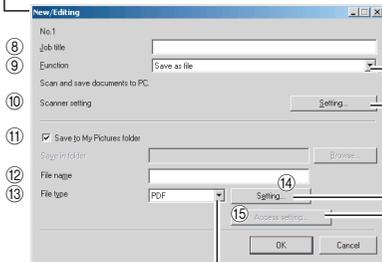
Job Registration Tool Dialog Box



New/Editing Dialog Box

* For functions other than [Save as file], only the options that differ from [Save as file] are described below.

Save as file



* The Setting button is enabled when [PDF] or [TIFF] is selected.

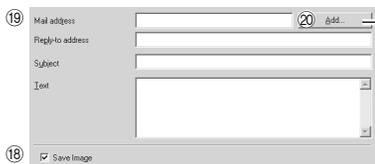
Print



Attach to E-mail



Send by E-mail



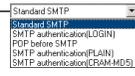
Selectable Job Button Settings Dialog Box



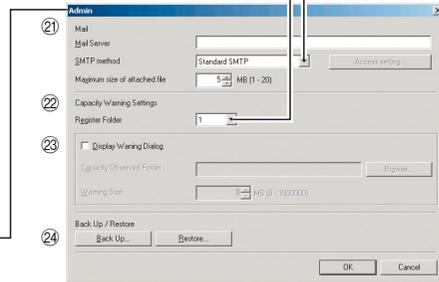
Register Folder



SMTP method



Admin Dialog Box



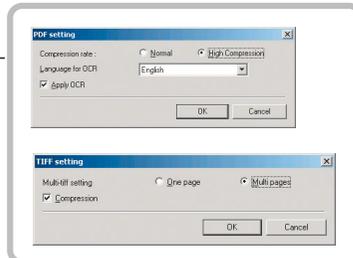
Function



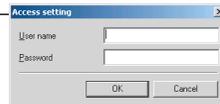
* Dialog box contents depend on the selected function.

Opens the TWAIN driver's basic setup dialog box (refer to the TWAIN Driver Quick Guide).

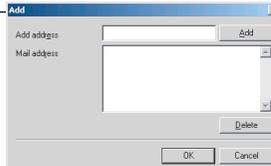
PDF/TIFF Settings



Access Setting (Windows 2000/XP)



Add E-Mail Address



* Enter the address of an additional e-mail recipient and press the Add button to add it to the [Mail address] list.

Job Registration Tool Dialog Box

- ① **Job list**
Shows the registered jobs.
- ② **Job button settings**
Configures the Job Buttons on the scanner's operation panel.
- ③ **[New/Editing] button**
Opens the New/Editing dialog box.
- ④ **[Copy] button**
Copies a registered job to another Job No.
- ⑤ **[Delete] button**
Deletes the selected job from the Job list.
- ⑥ **[Selectable Job Button]**
Opens a dialog box for assigning jobs to the shortcut buttons (A through E) on the scanner's operation panel.
- ⑦ **[Admin] button**
Opens the Admin dialog box.

New/Editing Dialog Box

- ⑧ **Job title**
Enter the job title to appear on the display panel.
- ⑨ **Function**
Selects the function assigned to the Scan button.
 - ☞ The contents of the Editing dialog box are determined by the selected function.
- ⑩ **Scanner setting**
Opens the TWAIN driver's basic setting dialog box to configure the scanner.
- ⑪ **Save to My Pictures folder**
Saves scanned images in the My Pictures folder in My Documents.
 - ☞ When this check box is not checked, you can specify the destination folder for saving images.
- ⑫ **File name**
Specifies the file name.
- ⑬ **File type**
Selects the file format for saved images.
 - ☞ The [Setting] button is enabled when PDF or TIFF is selected.
- ⑭ **[Setting] button**
This button is enabled when the PDF or TIFF file type is selected, and opens the PDF or TIFF Setting dialog box.
 - ☞ The PDF setting dialog box provides [Compression] and [OCR] settings.
 - ☞ The TIFF setting dialog box provides [Multi-tiff setting] and [Compression] settings.
- ⑮ **[Access setting] button**
Opens the Access setting dialog box.
 - ☞ Enter the correct User name and Password to obtain access to a shared network folder.

- ⑯ **Printer**
Shows the default printer. Printer settings can be changed by clicking the [Printer setting] button.
- ⑰ **Print format**
Selects the printing size.
 - ☞ [Actual size] prints at the same size as the document.
 - ☞ [Fit to paper] resizes scanned images to fit on the printing paper when the images are larger than the paper. When the images are smaller than the paper, they are printed at actual size.
- ⑱ **Save Image**
Select this check box to save images scanned using "Attach to E-mail" or "Send by E-mail".
- ⑲ **Send by E-Mail settings**
Configures settings to send e-mail messages automatically.
- ⑳ **[Add] button**
Adds an e-mail recipient's address.

Admin Dialog Box

- ㉑ **Mail Server setting**
Specifies the mail server to be used for sending e-mail messages.
 - ☞ Contact your mail server's administrator for help with the mail server settings.
- ㉒ **Capacity Warning Settings**
Specifies the folder for saved image files, and the capacity of that folder, in advance.
 - ☞ After specifying the folder and starting to scan, a warning message is displayed when the specified capacity is reached while scanning.
- ㉓ **Register Folder/Display Warning Dialog**
The [Capacity Observed Folder] and [Warning Size] items are enabled by specifying a Register Folder (number) and selecting the Display Warning Dialog check box.
 - ☞ When the capacity warning is displayed, follow the displayed instructions to continue scanning.
- ㉔ **Job Backup/Restore**
Backs up and restores registered jobs.
 - ☞ Backup files can be restored on another DR-1210C document scanner.

This Quick Guide describes settings for the Job Registration Tools. Click the Help button for details.



Chapter 3

Appendices

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1. Regular Maintenance

Perform the regular maintenance described below to maintain peak scanning quality.

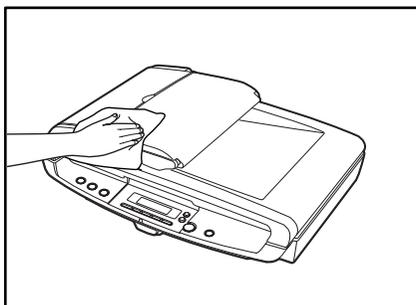


CAUTION

- **When cleaning the scanner or the inside of the scanner, turn OFF the power switch and unplug the power cord from the outlet.**
- **Do not use spray cleaners to clean the scanner. Precision mechanisms inside the scanner may get wet and result in malfunction.**
- **Never use paint thinner, alcohol, or other organic solvents to clean the scanner. Such solvents can damage or discolor the exterior of the scanner, or create a risk of fire or electric shock.**

Cleaning the Scanner

Moisten a cloth with plain water, wring out the excess water, and then wipe the exterior of the scanner to clean it.



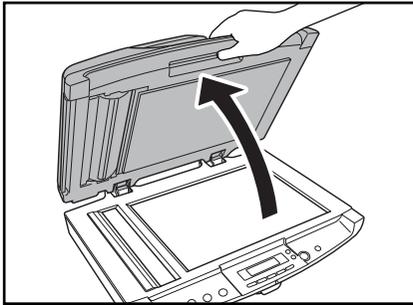
Cleaning the Feed Path

Dust and paper particles in the document feed opening and inside the feed path of the feeder may cause lines or smudges to appear on scanned images. Use compressed air for regular cleaning of dust and paper particles from the document feed opening and the inside of the feeder. After finishing a large scan job, you should turn OFF the scanner and clean out any paper particles that are remaining.

Cleaning the Scanning Glass and Contact Plate

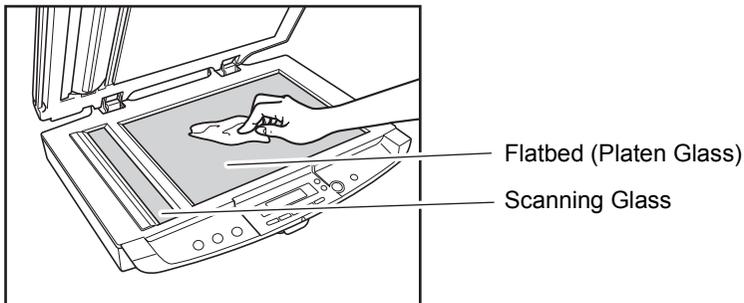
If your scanned images contain lines or smudges, or if the scanned documents are dirty, then the scanning glass or the contact plate inside the scanner may be dirty. Clean them periodically.

1. Carefully open the feeder.

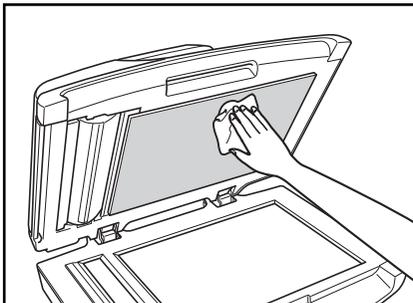


2. Use a clean dry cloth to wipe dirt off of the scanning glass and the platen glass.

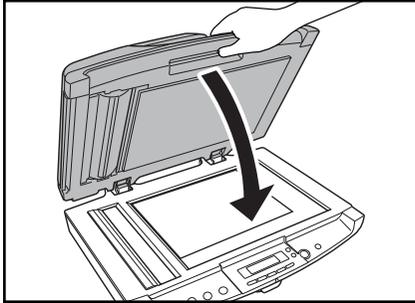
There are two scanning surfaces, the flatbed (platen glass) and scanning glass for scanning documents fed from the feeder. Make sure to clean both surfaces.



3. Wipe the contact plate with a clean dry cloth.



-
4. Carefully close the feeder.



CAUTION

Close the feeder gently to avoid catching your hands, as this may result in personal injury.

Cleaning the Roller Unit and Separation Pad

If your scanned images contain lines or smudges, or if the scanned documents are dirty, then the roller unit or separation pad may be dirty. Clean them periodically.

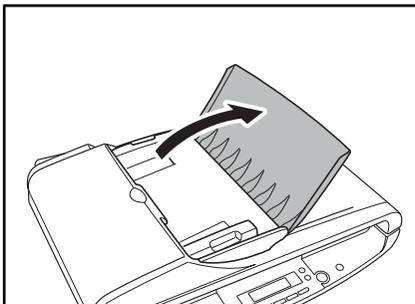


Note

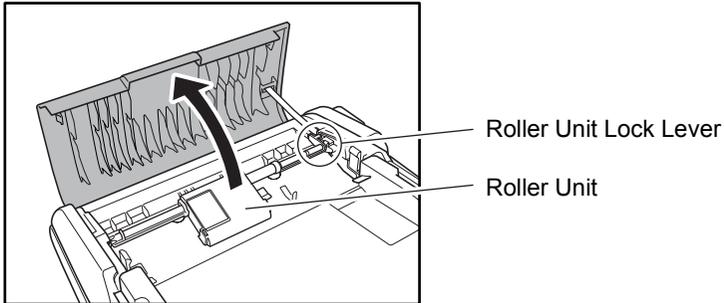
The roller unit and separation pad are located inside the feeder cover. To clean the roller unit and separation pad, follow the procedure below to remove the roller unit and separation pad.

Removing the Roller Unit and Separation Pad

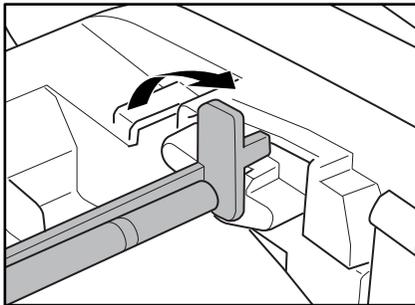
1. Open the document feed tray.



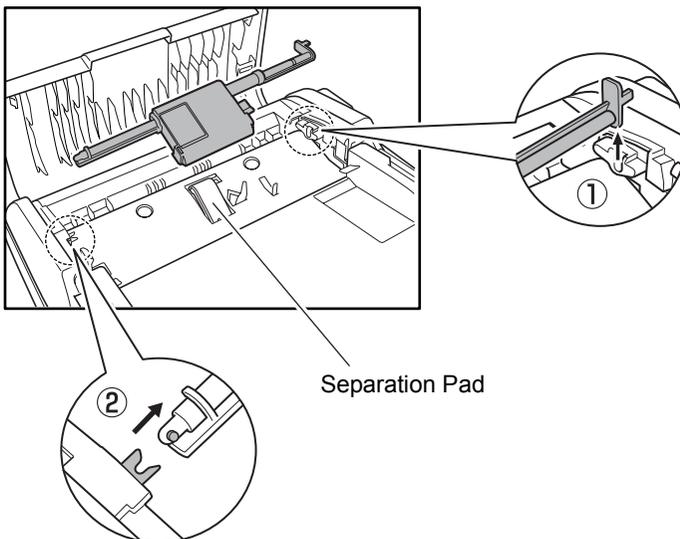
2. Carefully open the feeder cover.



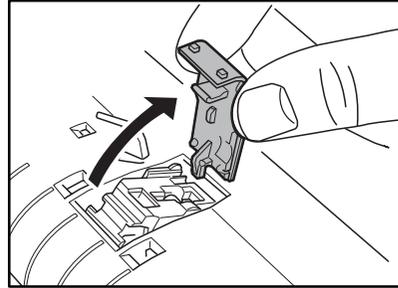
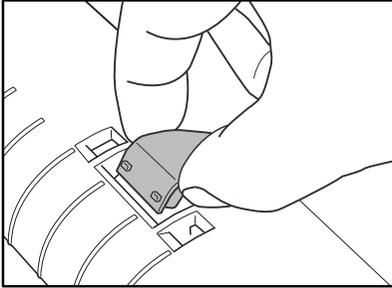
3. Lift up the roller unit lock lever.



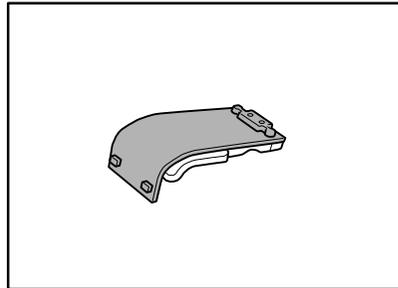
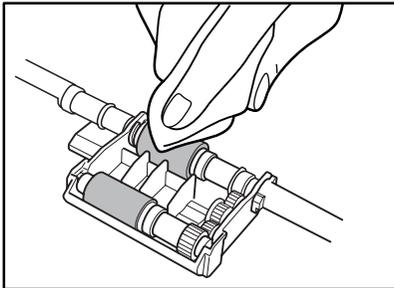
4. Hold the roller by the center and remove the roller by first lifting the shaft up from the lock lever side (①) and then pulling it out of the notch at the opposite side (②).



-
- 5.** Grasp both sides of the separation pad and pull it up remove it.

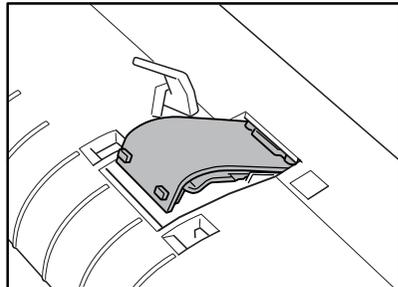
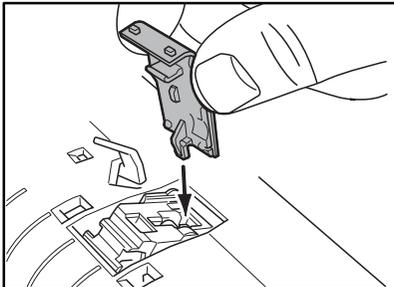


- 6.** Moisten a cloth with plain water, wring out the excess water, and then wipe the roller and separation pad to clean them.

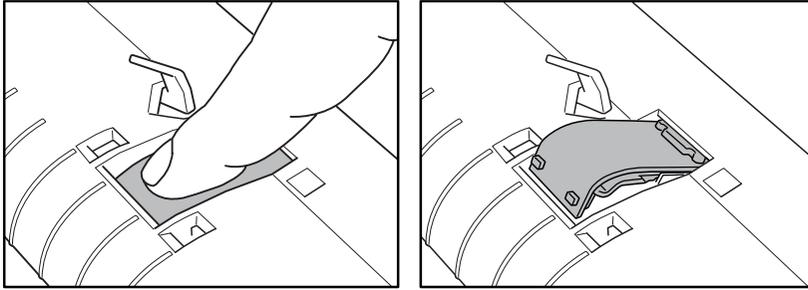


Attaching the Roller Unit and Separation Pad

- 1.** Push the separation pad back into the slot.



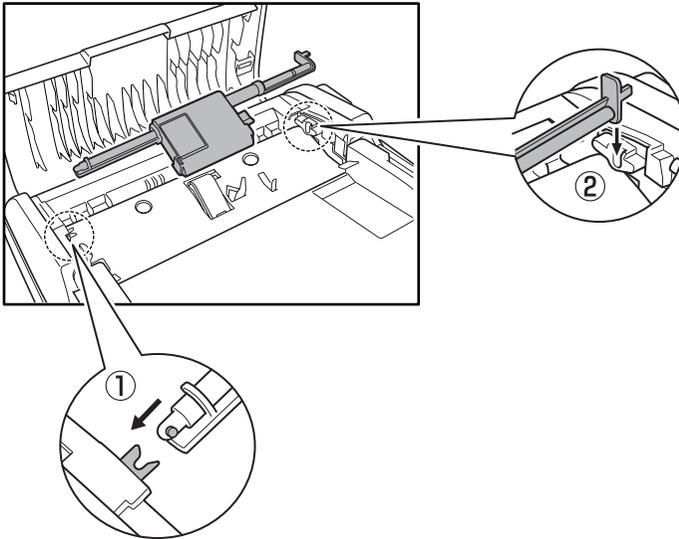
- 2.** Press down on the separation pad until it clicks in place, and make sure that it is locked.



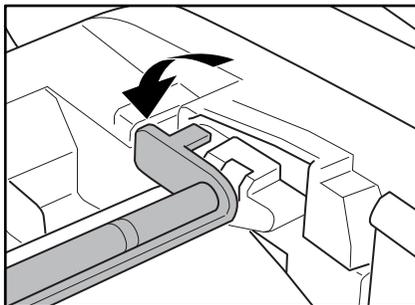
- 3.** Attach the roller unit by following steps ① and ② below.

①: Align the pin on the roller unit shaft with the notch on the scanner side and insert it.

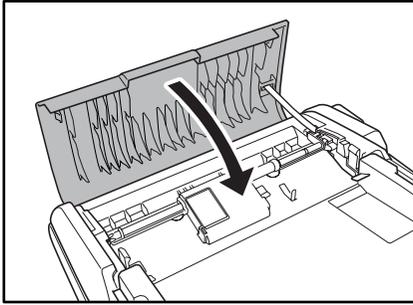
②: Set the lock lever in place with the lever pointing upwards.



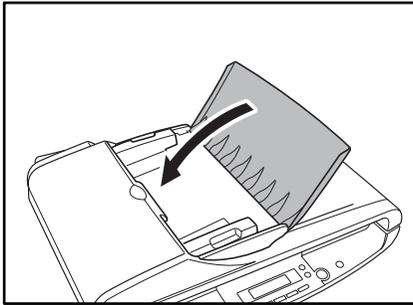
- 4.** Push the roller unit lock lever down to lock the roller unit into place.



-
5. Close the feeder cover.



6. Close the document feed tray.



IMPORTANT

The Separation Pad and Roller Unit are consumable components. The Separation Pad and the Roller Unit need to be replaced if cleaning them does not produce a visible improvement. Contact your local authorized Canon dealer or service representative, to replace the Separation Pad as the first step to solve your scanning problem. Replace the Roller Unit if there is no visible improvement after replacing the Separation Pad.

2. Troubleshooting

This section describes the possible problems that might occur during use of the scanner and how to solve them.

The Scanner Does Not Turn On	P. 65
The Scanner Is Not Recognized	P. 65
Scanning Is Not Performed	P. 66
Error Is Displayed	P. 67
Slow Scanning Speed	P. 67
Documents Are Not Fed Correctly	P. 68
Saved Image Files Do Not Open	P. 69
Scanning Results Are Not as Expected	P. 69
[Warming up] Is Displayed When Scanning	P. 71

If, after consulting this section, you still cannot resolve the problem, contact your local authorized Canon dealer or your service representative.

The Scanner Does Not Turn On

Check the following if the scanner does not turn on:

- Is the power cord connected correctly?
- Is the power cord inserted into the power outlet?

For details on connecting the power cord, see “Step 4. Connecting the Power Cord,” in the Easy Start Guide.

The Scanner Is Not Recognized



If the computer fails to recognize the scanner, or the display panel shows the above message, the following causes are possible.

Problem	The scanner is not correctly connected.
Solution	Make sure that the scanner and the computer are correctly connected with the USB cable. (See “Step 4. Connecting the Power Cord,” in the Easy Start Guide.)

Problem The USB 2.0 interface card is not mounted on the computer correctly.

Solution See the Instruction Manual for the USB 2.0 interface card and correctly mount the USB 2.0 interface card on the computer. Also, make sure that the USB 2.0 interface card is recognized by the Windows OS you are running.

Problem The USB 2.0 interface card does not support the scanner.

Solution Use a recommended USB 2.0 interface card. (See p. 16.)

Problem The scanner does not support the USB cable.

Solution Use the USB cable provided with the scanner. (See p. 16.)

Problem The USB hub is not compatible with the scanner.

Solution Remove the USB hub to use the scanner. (See p. 16.)

Scanning Is Not Performed

Check the following if the scanner does not scan an image even though the scanning operation is performed:

- Is the scanner correctly connected to the computer?
- Has the scanner driver been installed?
- Has the application software been installed correctly? Has the application software been set up correctly?
- Is there a problem in the computer system?



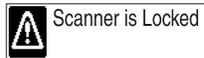
IMPORTANT

- If documents are not scanned normally even if the scanner setup is OK, a probable cause is that the scanner driver or application software is not running correctly. Re-install the scanner driver or application software.
- When system errors result in the scanner not functioning at all, turn OFF the scanner and wait at least ten seconds before turning it ON again. If the error continues to occur, restart the computer.
- When scanning continues, make sure that the last document scanned was scanned correctly.

Error Is Displayed

Probable causes are as follows when an error appears on the display panel. Try the solutions according to the various causes.

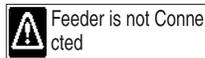
Error display



Problem The lock switch on the bottom of the scanner is locked.

Solution Unlock the lock switch and press the [STOP] button to clear the error. (See p. 7.)

Error display



Problem The ADF Connector on the rear of the printer is disconnected.

Solution Insert the ADF connector all the way and press the [STOP] button to clear the error. (See p. 15.)

Slow Scanning Speed

The following problems might cause the scanning speed to be slow.

Problem Other applications are running in the background on your computer.

Solution Quit all other applications that are running.

Problem Resident applications, such as anti-virus software, are draining memory resources.

Solution Quit all resident applications.

Problem Temporary files cannot be created in the TEMP folder, as there is not enough free space on the hard disk.

Solution Delete unwanted files on the hard disk to increase free space on the hard disk.

Problem The USB interface does not support Hi-Speed USB 2.0.

Solution Use the recommended USB 2.0 interface card. (See p. 16.)

Problem The USB cable does not support Hi-Speed USB 2.0.

Solution Use the USB cable provided with the scanner.

Problem The USB hub does not support Hi-Speed USB 2.0.

Solution Remove the USB hub or replace it with one that supports Hi-Speed USB 2.0. (See p. 16.)

Documents Are Not Fed Correctly

The following are possible causes when documents are not fed correctly.

Problem Static electricity, etc., is causing the pages of the document to stick together, and they cannot be separated correctly by the scanner.

Solution Before you place your document, thoroughly fan the stack of papers. (See “Placing Documents,” on p. 21.)

Problem An attempt was made to scan a size, thickness, or type of paper that cannot be scanned by the scanner.

Solution Check the document size, thickness, and paper type. (See “Documents,” on p. 20.)

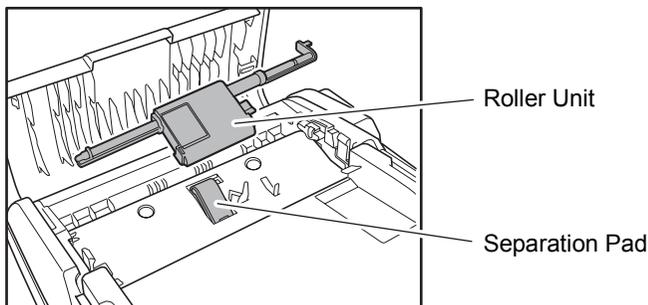
Problem The roller unit or separation pad inside the feeder is soiled or worn.

Solution Clean the roller unit and separation pad. (See “Cleaning the Roller Unit and Separation Pad,” on p. 60.)



IMPORTANT

The Separation Pad and Roller Unit are consumable components. The Separation Pad and the Roller Unit need to be replaced if cleaning them does not produce a visible improvement. Contact your local authorized Canon dealer or service representative, to replace the Separation Pad as the first step to solve your scanning problem. Replace the Roller Unit if there is no visible improvement after replacing the Separation Pad.



Saved Image Files Do Not Open

When image files saved by CapturePerfect 3.0 cannot be opened by other applications, the probable causes are as follows.

Symptoms A multi-page TIFF file saved in CapturePerfect 3.0 cannot be opened by other applications.

Problem The application you are using to open the TIFF file does not support multi-page TIFF files.

Solution Open the file with an application that supports multi-page TIFF files.

Symptoms A TIFF file saved in CapturePerfect 3.0 cannot be opened by other applications.

Problem If the TIFF file saved in CapturePerfect 3.0 has been compressed, the application you are using to open the TIFF file does not support the compression type that was used to save the file in CapturePerfect 3.0.

Solution Set the compression type for the image file to [None] and save the file again in CapturePerfect 3.0.

Scanning Results Are Not as Expected

If there is a problem with the scanning result (e.g., the scanned image is not clear, or the image is striped or dirty), the probable causes are incorrect ISIS/TWAIN Driver settings or a problem with the scanning unit inside the scanner. Scanning results can also become skewed if the ISIS/TWAIN Driver has not been installed correctly, or the application in use does not support ISIS/TWAIN Driver functions.

Symptoms The scanned image is too dark (or faint).

Problem The [Brightness] setting is not set to an appropriate value.

Solution If the image is dark, set a higher [Brightness] setting, or if the image is faint, set a lower [Brightness] setting. (See “Software Settings,” on p. 49.)

Symptoms Text or images on the rear side of your document appear in the scanned image.

Problem The [Brightness] setting is too low, or the paper is too thin.

Solution Set a higher [Brightness] setting. If the paper is too thin, scan it on the flatbed. (See “Software Settings,” on p. 49.)

Symptoms A black margin appears around the edges of the scanned image.

Problem A document smaller than the preset paper size has been scanned, or the document placed on the scanner was placed crookedly.

Solution Set [Paper Size] to [Auto-detection], or set [Border Removal] to on. (See “Software Settings,” on p. 49.)

Symptoms The scanned image is skewed.

Problem The document is being fed at an angle (skewed).

Solution Set [Deskew] to on. (See “Software Settings,” on p. 49.)

Symptoms Lines, smudges, or dirt appear on the scanned image.

Problem The scanning glass or rollers inside the feeder are soiled.

Solution Clean the scanning glass and rollers. (See “Regular Maintenance,” on p. 58.)

Scratches on the scanning glass can also cause lines or smudges to appear on the scanned image. If this happens, contact your local authorized Canon dealer or service representative.

Symptoms The scanned image is abnormal for certain documents.

Problem Functions such as [Auto-detection], [Deskew], or [Border Removal] were used when scanning documents containing text or photos up to their edges. (The scanner cannot accurately process the edges of documents.)

Solution Turn off functions such as [Auto-detection], [Deskew], or [Border Removal] when scanning documents containing text or photos up to their edges. (See “Software Settings,” on p. 49.)

Symptoms The scanned image is abnormal in some applications.

Problem A function not supported by the application was used.

Solution Some applications do not support functions such as auto-detection of the paper size. Scanning documents with an application such as this will result in an abnormal scanned image. Try scanning with auto-detection of the paper size set to “off.”

[Warming up] Is Displayed When Scanning

Because the DR-1210C uses a cold cathode fluorescent lamp (CCFL) as its light source, it is necessary to wait until the output from the lamp stabilizes before scanning. [Warming up] is displayed until the lamp turns on and its output is stabilized after the scanner's power is turned on or when the scanner comes out of the power saving feature. The length of time that [Warming up] is displayed varies depending on the conditions of the lamp.

Setting the [CCFL Control]

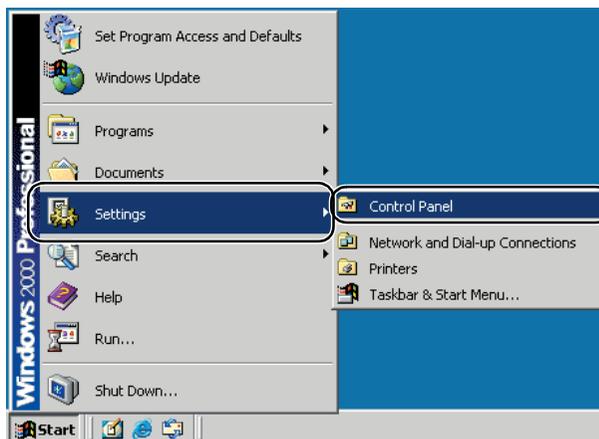
The DR-1210C's default settings are set to turn off the lamp when the scanner enters the Power Saving Feature after no operations have been done for 12 minutes. Because of this, if more than 12 minutes elapses between scanning jobs the lamp turns off and [Warming up] is displayed the next time scanning is done.

If the period between scanning jobs is longer than 12 minutes you can use the [CCFL Control] to change the time before the scanner enters the Power Saving Feature so that [Warming up] is not displayed when scanning is done.

Set the [CCFL Control] in [Scanners and Cameras Properties]. Follow the procedure below to change the settings.

Use the following procedure to open the [CCFL Control] settings dialog box.

1. Use the following procedure to open the [CCFL Control] settings dialog box.
 1. Click the [Start] button, → click [Settings] on the Start menu → click [Control Panel]. (For Windows XP, click the [Start] button → click [Control Panel].)



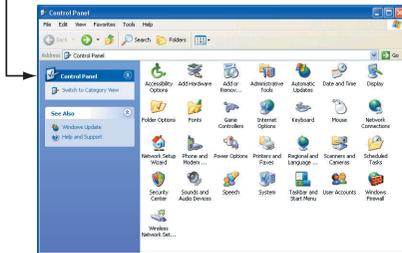
- For Windows XP, switch the Control Panel to Classic View, or select [Printers and Other Hardware] in the working field.

Control Panel (category View)

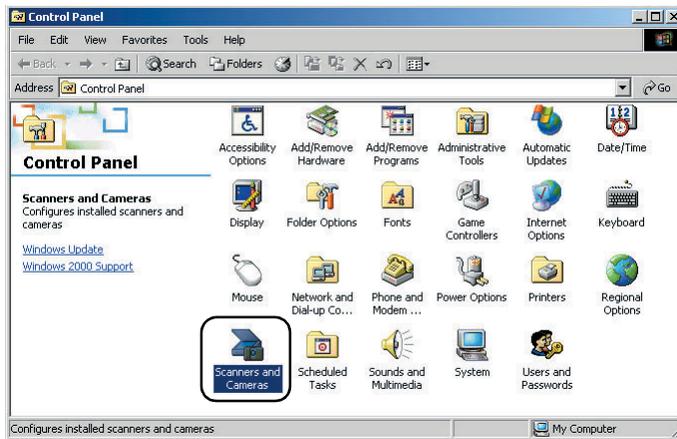
Printers and Other Hardware



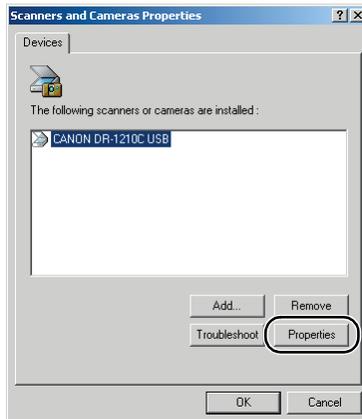
Control Panel (classic View)



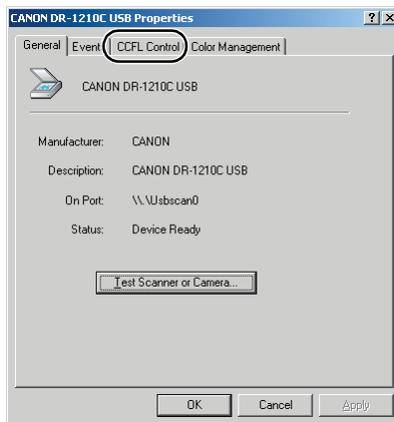
- Click [Scanners and Cameras].



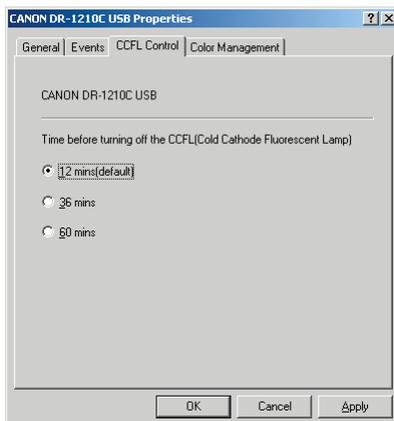
4. Select [Canon DR-1210C USB], and then click [Properties].



5. Click the [CCFL Control] tab.



2. Select 12, 36, or 60 minutes as the length of time before the lamp turns off.



Note

The default setting for the length of time before the lamp turns off is [12 mins].

-
- 3.** Click [OK] to close [Canon DR-1210C USB Properties].
 - 4.** Restart Windows to enable the new settings.

3. Uninstalling Software

If the ISIS/TWAIN Driver, “Job Registration Tool,” and “CapturePerfect 3.0” are not operating normally, follow the procedure below to uninstall them. Then, re-install the software from the DR-1210C setup disc. (See “Step 3. Installing the Software,” in the Easy Start Guide.)



IMPORTANT

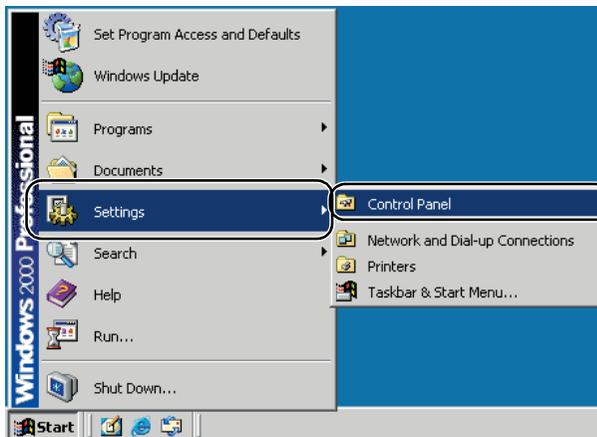
Be sure to log on as an administrator when using Windows 2000 Professional or Windows XP.

1. Click the [Start] button → click [Settings] → [Control Panel].



Note

For Windows XP, click the [Start] button → click [Control Panel].



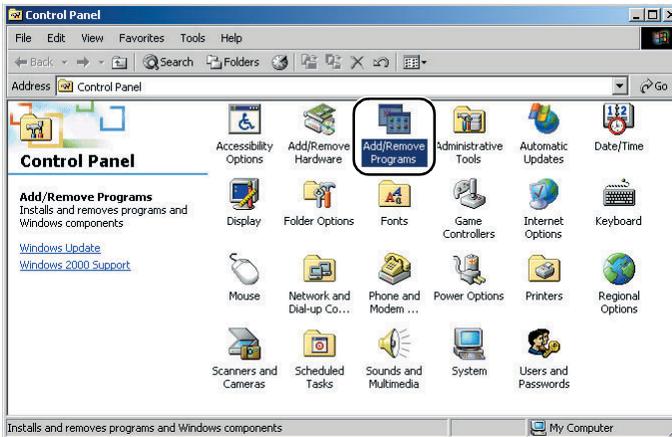
The [Control Panel] window appears.

2. Double-click [Add/Remove Programs].

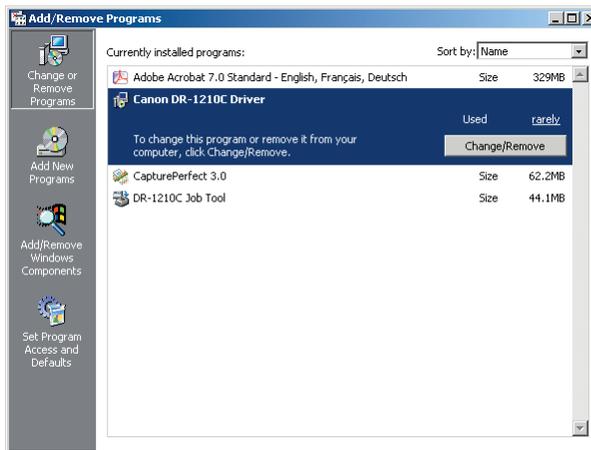


Note

For Windows XP, double-click [Add or Remove Programs].



The [Add/Remove Programs Properties] dialog box appears.



Note

For Windows XP, the [Add or Remove Programs] dialog box appears.

3. From the list in the dialog box, select the application you want to delete → click [Change/Remove].

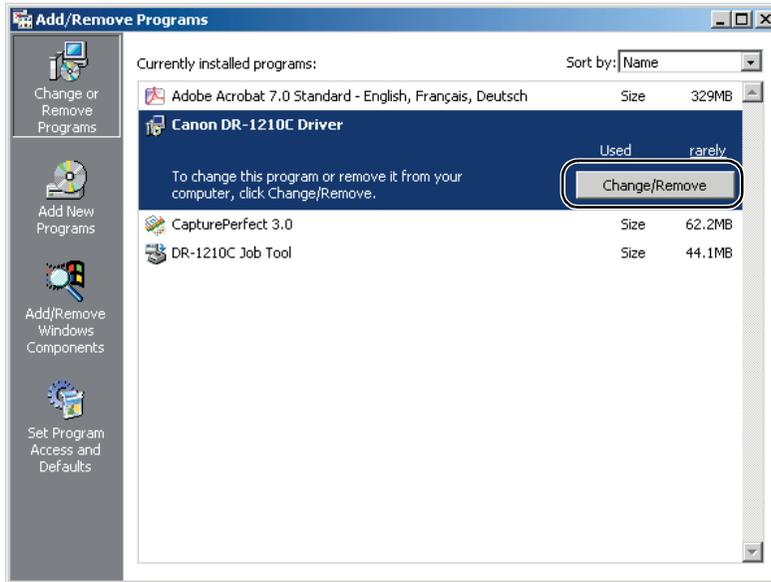
For more information on uninstalling each application, see the following:

See “Uninstalling ISIS/TWAIN Driver or Job Registration Tool,” on p. 77.

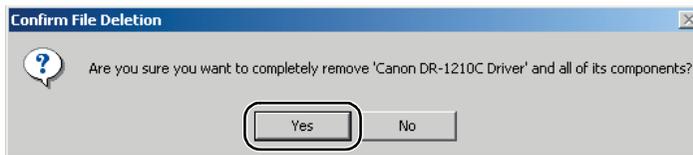
See “Uninstalling CapturePerfect 3.0,” on p. 79.

Uninstalling ISIS/TWAIN Driver or Job Registration Tool

1. From the Programs list in the dialog box, select [Canon DR-1210C Scanner Driver] (or [DR-1210C Job Tool] → click the [Change/Remove] button.

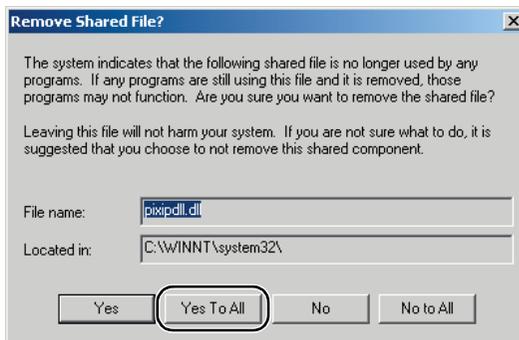


2. The [Confirm File Deletion] screen appears. Click the [Yes] button.



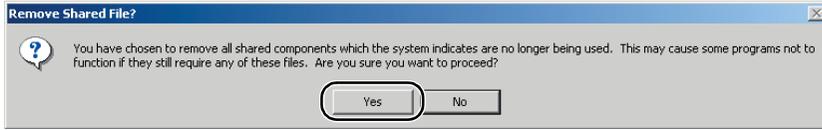
The [Remove Shared File ?] dialog box appears.

3. Click the [Yes To All] button.



A confirmation message appears.

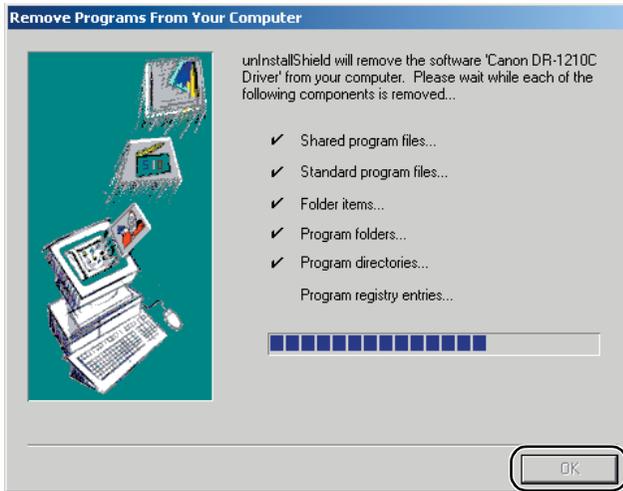
4. Click the [Yes] button to start uninstallation.



Note

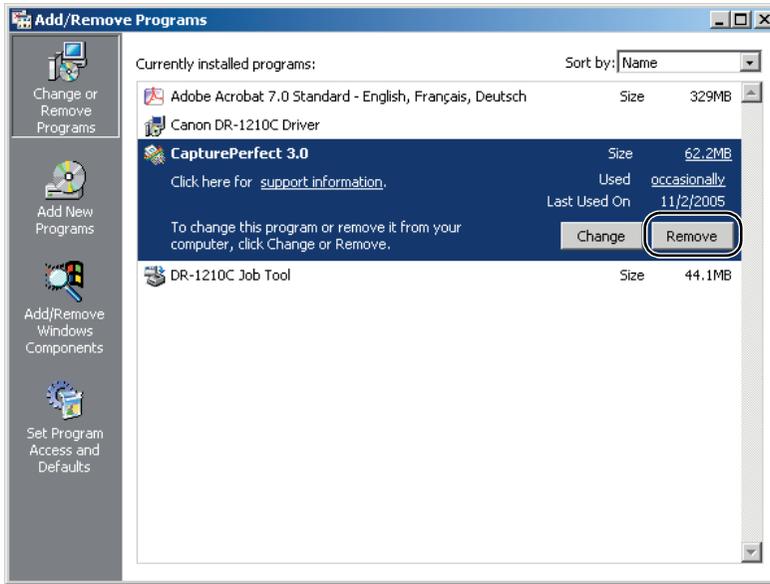
All deleted shared files can be reinstalled by installing the software again.

5. After uninstall is complete, click the [OK] button to exit the uninstaller.

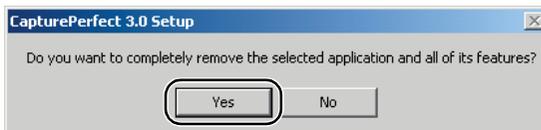


Uninstalling CapturePerfect 3.0

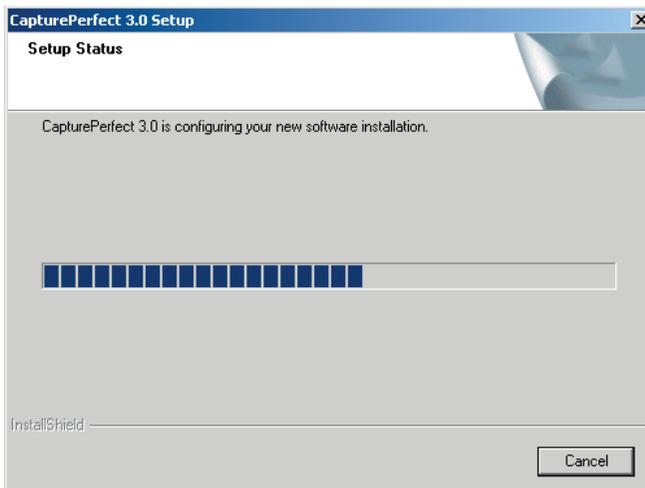
1. Select [CapturePerfect 3.0] from the list in the dialog box → click the [Remove] button.



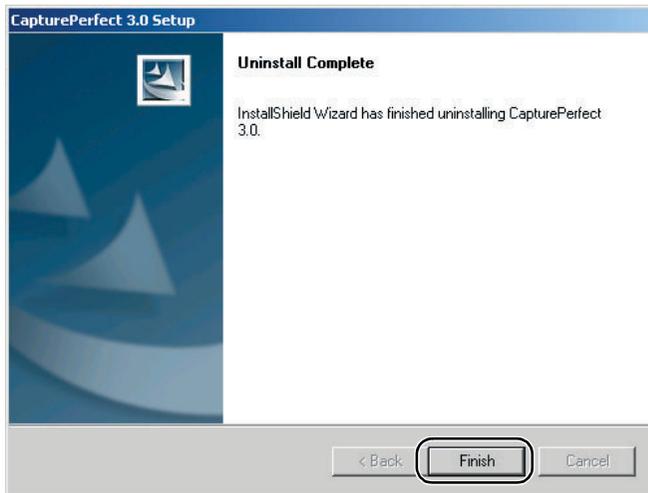
2. The delete file confirmation screen appears. Click the [Yes] button.



Uninstallation starts.



-
3. After uninstallation is complete, click the [Finish] button to exit the uninstaller.



4. Specifications

Specifications

Scanner

Type	ADF/flatbed scanner	
Scanning Document Specifications		
Feeder	Width: 5.8" to 8.5" (148 to 216 mm)	
	Length: 3.9" to 14.0" (100 to 356 mm)	
	Thickness: 14 to 32 lb bond (0.0024" to 0.0059")	
	152 to 128 g/m ² (0.06 to 0.15 mm)	
Flatbed	Width: 8.5" (216 mm)	
	Length: 11.7" (297 mm)	
Maximum Feeder Capacity	35 sheets or document stack height (including curled sheets) of 0.14" (3.5 mm)	
Document feeding method	Automatic	
Scanning method	CCD	
Light source	CCFL (Cold Cathode Fluorescent Lamp)	
Scanning side	Simplex	
Scanning modes	Black and white, advanced text enhancement, error diffusion, 256 shade grayscale, 24 bit color, smoothing color	
Scanning resolution (primary scanning × secondary scanning)	100 × 100 dpi/ 150 × 150 dpi/ 200 × 200 dpi 240 × 240 dpi/ 300 × 300 dpi/ 400 × 400 dpi 600 × 600 dpi	
Scanning speed (LTR/A4, 200 dpi)		
Feeder	Black and white	12 sheets/minute
	Grayscale	12 sheets/minute
	Color	12 sheets/minute
Flatbed	12 seconds/sheet	
Interface	Hi-Speed USB 2.0	
Other Functions	Automatic thickness adjustment	
Dimensions	18.6" × 15.0" × 6.5" (W × D × H) 471 mm × 380 mm × 165 mm (W × D × H)	
Weight	Approx. 13.5 lb (6.1kg)	
Power supply	DC 24 V, 0.6 A (AC adapter used)	
Power consumption	120V model	220–240V model
Maximum power	18 W	18 W
Low power mode	5 W	5.5 W
Power SW OFF	0.5 W	0.75 W
Noise	66 dB or less	
Operating environment	Temperature: 10 °C to 32.5 °C (50 °F to 90.5 °F) Humidity: 20% to 80% RH	

AC adapter

120V model	108-241250-US
Input	AC 100-120 V 50/60Hz 1.0 A
Output	DC 24 V 1.25 A
Weight	Approx. 0.66 lb (0.3 kg)
220-240V model	109-241250-ES
Input	AC 200-240 V 50/60Hz 0.5 A
Output	DC 24 V 1.25 A
Weight	Approx. 0.66 lb (0.3 kg)

Replacement Parts

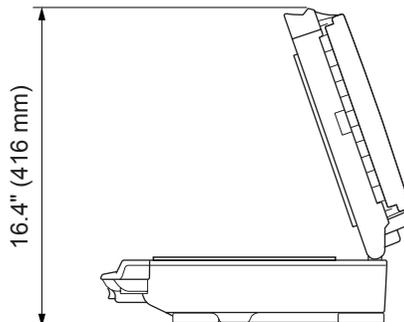
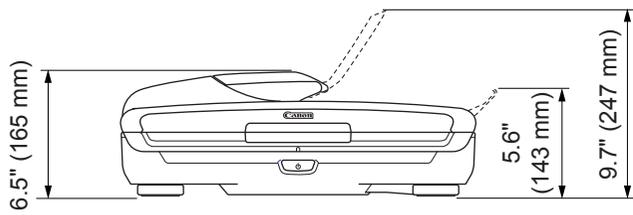
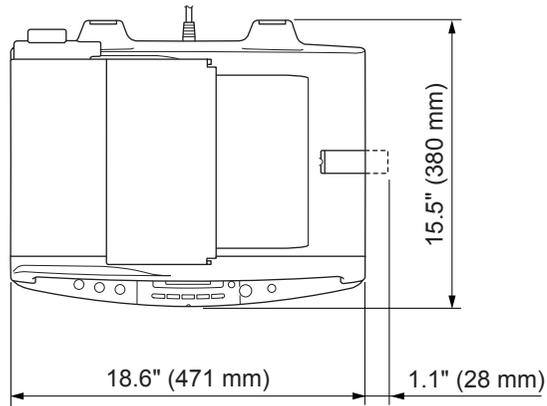
Roller Unit (product code: 1541B001)

Separation Pad (product code: 1541B002)

- For details on replacing the roller unit and separation pad, see “Cleaning the Roller Unit and Separation Pad,” on p. 60.
- Contact your local authorized Canon dealer for detailed information about replacement parts.

Specifications are subject to change without notice.

External Dimensions



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FCC REGULATIONS (For 120 V model)

Document Scanner, Model M11057

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use of shielded cable is required to comply with class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A. Inc.

One Canon Plaza, Lake Success NY 11042, U.S.A.

Tel. No. (516)328-5600

RADIO INTERFERENCE REGULATIONS (For 120 V models)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry Canada.

RÈGLEMENT SUR LE BROUILLAGE RADIOÉLECTRIQUE (For 120 V models)

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par l'Industrie Canada.

 LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS

European Union (and EEA) only.



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service. For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com.

(EEA: Norway, Iceland and Liechtenstein)

MODEL NAMES

Model DR-1210C is identical to model M11057.

Model DR-1210C is the sales name of model M11057.

Canon

CANON ELECTRONICS INC.

1248, SHIMOKAGEMORI, CHICHIBU-SHI, SAITAMA 369-1892, JAPAN

CANON U.S.A. INC.

ONE CANON PLAZA, LAKE SUCCESS, N.Y. 11042, U.S.A.

CANON CANADA INC.

6390 DIXIE ROAD, MISSISSAUGA, ONTARIO L5T 1P7, CANADA

CANON EUROPA N.V.

BOVENKERKERWEG 59-61, P.O.BOX 2262, 1180 EG AMSTELVEEN, THE NETHERLANDS

CANON LATIN AMERICA, INC.

703 WATERFORD WAY, SUITE 400 MIAMI, FLORIDA 33126, U.S.A.

CANON AUSTRALIA PTY. LTD.

1 THOMAS HOLT DRIVE, NORTH RYDE, SYDNEY. N.S.W, 2113. AUSTRALIA

CANON SINGAPORE PTE. LTD.

1 HARBOUR FRONT AVENUE #04-01, KEPPEL BAY TOWER, SINGAPORE 098632

CANON HONGKONG COMPANY LTD.

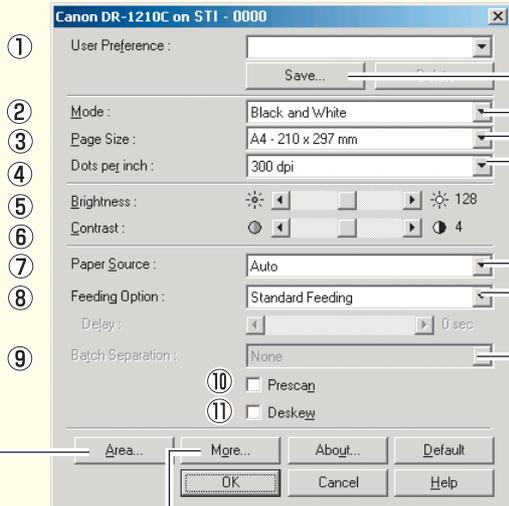
19TH FLOOR, THE METROPOLIS TOWER, 10 METROPOLIS DRIVE, HUNGHOM, KOWLOON, HONG KONG.



CE-IE-493

Keep this Quick Guide near the scanner for ready reference.

Basic Setup Dialog Box

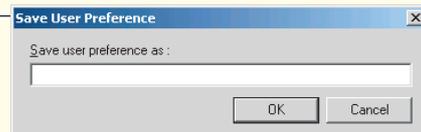


- ① User Preference
- ② Mode
- ③ Page Size
- ④ Dots per inch
- ⑤ Brightness
- ⑥ Contrast
- ⑦ Paper Source
- ⑧ Feeding Option
- ⑨ Batch Separation

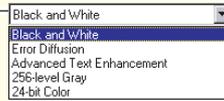
- ⑩ Prescan
- ⑪ Deskew

- * Batch Separation is set to [None] when the [Flatbed] Paper Source is selected.
- * The Delay setting is available when the [Automatic Feeding] Feeding Option is selected.
- * The [Automatic Feeding] option is not displayed when the [Flatbed] Paper Source is selected.

Save User Preferences

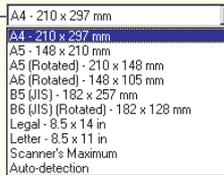


Mode

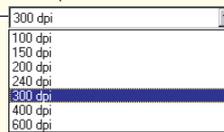


* [Contrast] is set automatically when Advanced Text Enhancement is selected.

Page Size



Dots per inch



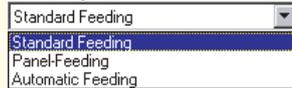
Paper Source



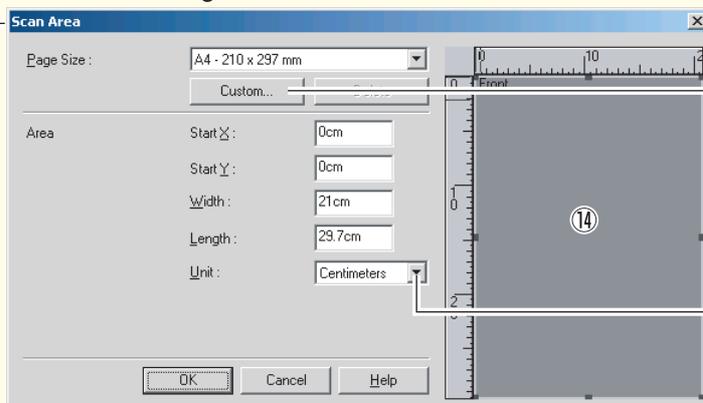
Batch Separation



Feeding Option



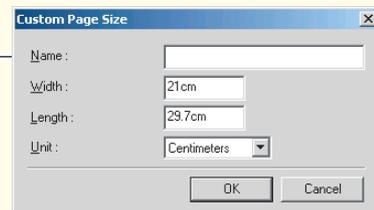
Scan Area Dialog Box



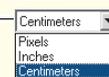
- ⑫ Page Size
- ⑬ Area

- * Area setting is not available when the [Auto-detection] Page Size is selected.
- * Scanning of the specified area may be shifted when Deskew is enabled.

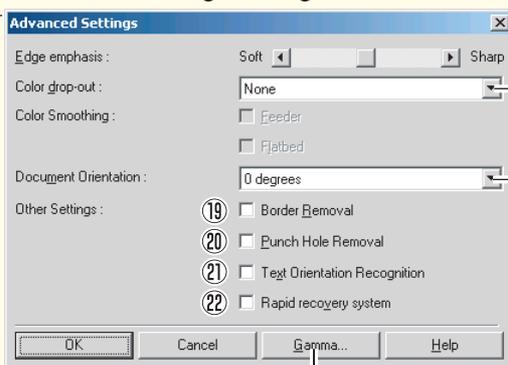
Custom Page Size registration



Unit



Advanced Settings Dialog Box



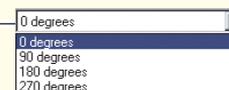
- ⑮ Edge emphasis
- ⑯ Color drop-out
- ⑰ Color Smoothing
- ⑱ Document Orientation

- ⑲ Border Removal
- ⑳ Punch Hole Removal
- ㉑ Text Orientation Recognition
- ㉒ Rapid recovery system

Color drop-out



Document Orientation



Opens the Gamma Settings dialog box to adjust gamma correction. Click the [Help] button to see details of the settings in the Gamma Settings dialog box.

* When [Custom] gamma setting is selected, [Brightness] and [Contrast] are set automatically, but Page Size [Auto-detection] may not function normally.

Keep this Quick Guide near the scanner for ready reference.

Basic Setup Dialog Box

- ① **User Preference**
Name and save your settings.
 Names can consist of up to 32 characters.
- ② **Mode**
Selects the scanning mode.
 Selecting [24-bit Color] enables the [Color Smoothing] settings in the Advanced Settings dialog box.
- ③ **Page Size**
Selects the size of the pages to be scanned.
 Selecting [Auto-detection] enables automatic page size detection when scanning.
- ④ **Dots per inch**
Selects the scanning resolution.
- ⑤ **Brightness**
Adjusts the brightness of scanned images.
- ⑥ **Contrast**
Adjusts the contrast of scanned images.
 [Contrast] is set automatically when the Advanced Text Enhancement mode is selected.
- ⑦ **Paper Source**
Specifies the location of documents placed on the scanner.
 When [Auto] is selected, if a document is detected in the feeder, that document is automatically scanned. If no document is detected in the feeder, documents are scanned from the flatbed.
 When [Flatbed] is selected, documents are scanned from the flatbed.
 When [Feeder] is selected, documents are scanned from the feeder.
- ⑧ **Feeding Option**
Selects the document feeding method.
 [Standard Feeding] scans all loaded documents after starting scanning from the application program.
 [Panel-Feeding] scans all loaded documents after the scanner's scan button is pressed.
 [Automatic Feeding] starts scanning whenever the feeder detects a loaded document.
- ⑨ **Batch Separation**
This setting is enabled when [Panel-Feeding] or [Automatic Feeding] feeding option is selected. Documents can be scanned as separate batches.
- ⑩ **Prescan**
When scanning starts, one document is scanned and its image is displayed in the Prescan window.
- ⑪ **Deskew**
When a document page feeds at a slant, the scanned image is straightened.

Scan Area Dialog Box

- ⑫ **Page Size**
Selects the size of the pages to be scanned.
 Click [Custom] to register a non-standard document size as a custom page size.
- ⑬ **Area**
Specifies the area to be scanned.
 These settings are disabled when [Auto-detection] is selected for the page size.
- ⑭ **Area Window**
The appearance of this window indicates the current page size setting.
 The specified scan area can be adjusted by dragging and clicking the mouse.

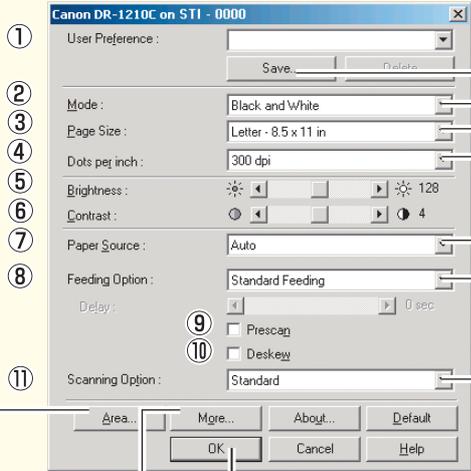
Advanced Settings Dialog Box

- ⑮ **Edge emphasis**
Enhances the contours in scanned images.
- ⑯ **Color drop-out**
Enabled for all scanning modes except [24-bit Color], this function selects skipping (drop-out) or enhancement of red, green or blue when scanning documents.
- ⑰ **Color Smoothing**
When scanning photos from magazines or catalogs with [24-bit Color] mode, you can use this function to remove moiré patterns from scanned color images. Selecting this check box activates pixel averaging in scanned images.
- ⑱ **Document Orientation**
Specify clockwise rotation of scanned images according to the orientation of documents to be scanned.
- ⑲ **Border Removal**
Removes the black border that may be created around scanned images.
- ⑳ **Punch Hole Removal**
Removes the black holes created in scanned images when scanned documents have holes punched for binding.
- ㉑ **Text Orientation Recognition**
Detects the text orientation in scanned images and rotates the images in 90° increments to normalize text orientation.
- ㉒ **Rapid recovery system**
Select this function to prevent error reporting to the application program when feeding is interrupted due to a paper jam or similar error while scanning. After fixing the cause of the interruption, scanning can be quickly resumed with standard operations.

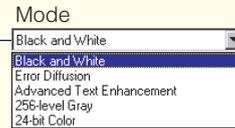
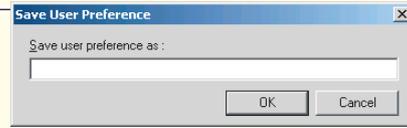
This Quick Guide describes the dialog boxes displayed by CapturePerfect. Depending on your application program, the basic setup dialog box may not be displayed. In this case, the Advanced Settings dialog box, which includes some of the functions in the basic setup dialog box, is displayed. Click Help for details.

Keep this Quick Guide near the scanner for ready reference.

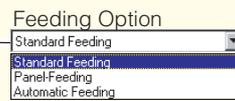
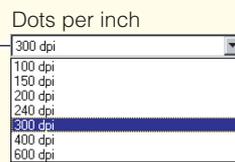
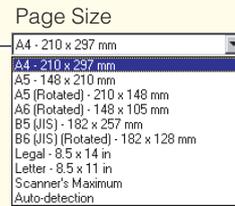
Basic Setup Dialog Box



Save User Preferences

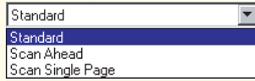


* [Contrast] is set automatically when Advanced Text Enhancement is selected.



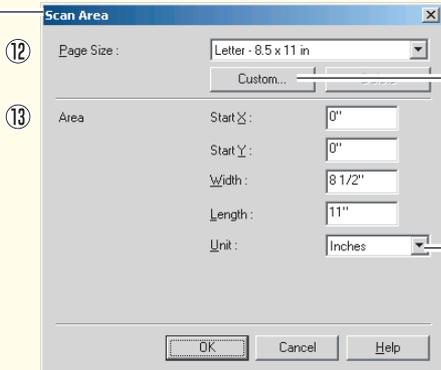
* The Delay setting is available when the [Automatic Feeding] Feeding Option is selected.
 * The [Automatic Feeding] option is not displayed when the [Flatbed] Paper Source is selected.

Scanning Option

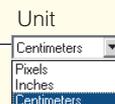
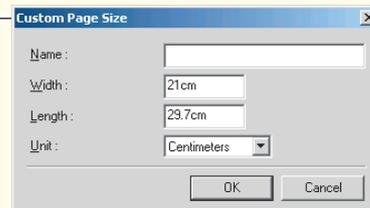


If an application program executes scanning directly from the basic setup dialog box, the [Scan] button is displayed instead of the [OK] button, and the [Area window] and [Preview] button are displayed in the Scan Area dialog box.

Scan Area Dialog Box

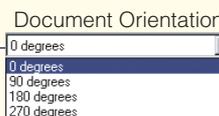
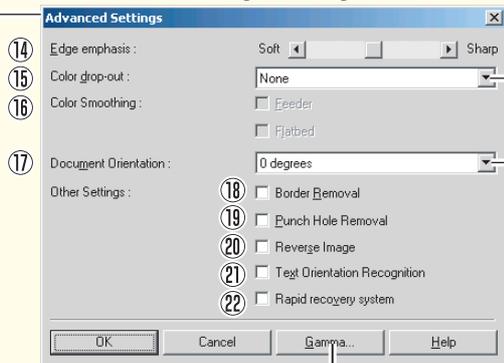


Custom Page Size registration



* Area setting is not available when the [Auto-detection] Page Size is selected.
 * Scanning of the specified area may be shifted when Deskew is enabled.

Advanced Settings Dialog Box



Opens the Gamma Settings dialog box to adjust gamma. Click the [Help] button to see details of the settings in the Gamma Settings dialog box.

* When the [Custom] gamma setting is selected, [Brightness] and [Contrast] are set automatically, but Page Size [Auto-detection] may not function normally.

Keep this Quick Guide near the scanner for ready reference.

Basic Setup Dialog Box

- ① **User Preference**
Name and save your settings.
☑ The name can consist of up to 32 characters.
- ② **Mode**
Selects the scanning mode.
☑ Selecting [24-bit Color] enables the [Color Smoothing] settings in the Advanced Settings dialog box.
- ③ **Page Size**
Selects the size of the pages to be scanned.
☑ Selecting [Auto-detection] enables automatic page size detection when scanning.
- ④ **Dots per inch**
Selects the scanning resolution.
- ⑤ **Brightness**
Adjusts the brightness of scanned images.
- ⑥ **Contrast**
Adjusts the contrast of scanned images
☑ [Contrast] is set automatically when the Advanced Text Enhancement mode is selected.
- ⑦ **Paper Source**
Specifies the location of documents placed on the scanner.
☑ When [Auto] is selected, if a document is detected in the feeder, that document is automatically scanned. If no document is detected in the feeder, documents are scanned from the flatbed.
☑ When [Flatbed] is selected, documents are scanned from the flatbed.
☑ When [Feeder] is selected, documents are scanned from the feeder.
- ⑧ **Feeding Option**
Selects the document feeding method.
☑ [Standard Feeding] scans all loaded documents when scanning is started from the application program.
☑ [Panel-Feeding] scans all loaded documents when scanning is started by pressing the scanner's scan button.
☑ [Automatic Feeding] starts scanning when the feeder detects a loaded document.
- ⑨ **Prescan**
When scanning starts, one document is scanned and its image is displayed in the Prescan window.
- ⑩ **Deskew**
When a document page feeds at a slant, the scanned image is straightened.
- ⑪ **Scanning Option**
Specifies operation during scanning.
☑ [Standard]:
After one page has been scanned and ejected, the next page is scanned.
☑ [Scan Ahead]:
Scans document pages continuously.
☑ [Scan Single Page]:
Scans only one page.

Scan Area Dialog Box

- ⑫ **Page Size**
Selects the size of the pages to be scanned.
☑ Click [Custom] to register a non-standard document size as a custom page size.
- ⑬ **Area**
Specifies the area to be scanned.
☑ These settings are disabled when [Auto-detection] is selected for the page size.

Advanced Settings Dialog Box

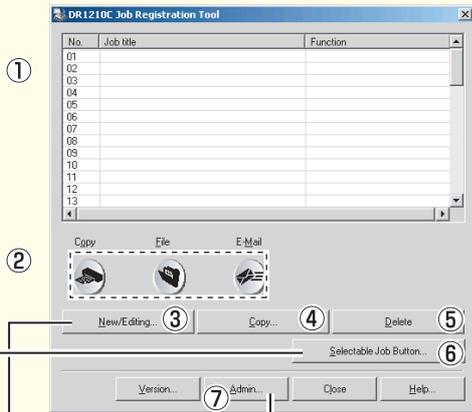
- ⑭ **Edge emphasis**
Enhances the contours in scanned images.
- ⑮ **Color drop-out**
Enabled for all scanning modes except [24-bit Color], this function selects skipping (drop-out) or enhancement of red, green or blue when scanning documents.
- ⑯ **Color Smoothing**
When scanning photos from magazines or catalogs with [24-bit Color] mode, you can use this function to remove moiré patterns from scanned color images. Selecting this check box activates pixel averaging in scanned images.
- ⑰ **Document Orientation**
Specify clockwise rotation of scanned images according to the orientation of documents to be scanned.
- ⑱ **Border Removal**
Removes the black border that may be created around scanned images.
- ⑲ **Punch Hole Removal**
Removes the black holes created in scanned images when scanned documents have holes punched for binding.
- ⑳ **Reverse Image**
When the [Black and White], [Error Diffusion] or [Advanced Text Enhancement] mode is selected, black and white are reversed in the scanned image.
- ㉑ **Text Orientation Recognition**
Detects the text orientation in scanned images and rotates the images in 90° increments to normalize text orientation.
- ㉒ **Rapid recovery system**
Select this function to prevent error reporting to the application program when feeding is interrupted due to a paper jam or similar error while scanning. After fixing the cause of the interruption, scanning can be quickly resumed with standard operations.

This Quick Guide describes the TWAIN driver settings.
Click the Help button for details.

Canon DR-1210C Job Registration Tool Quick Guide

Keep this Quick Guide near the scanner for ready reference.

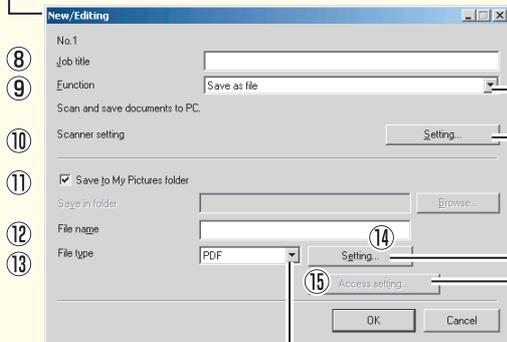
Job Registration Tool Dialog Box



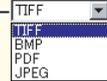
New/Editing Dialog Box

* For functions other than [Save as file], only the options that differ from [Save as file] are described below.

Save as file



File type



* The Setting button is enabled when [PDF] or [TIFF] is selected.

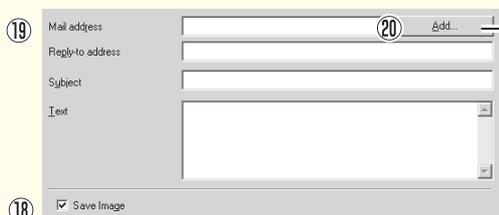
Print



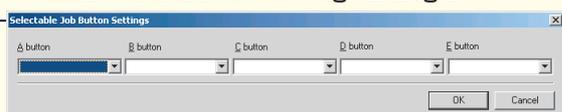
Attach to E-mail



Send by E-mail



Selectable Job Button Settings Dialog Box



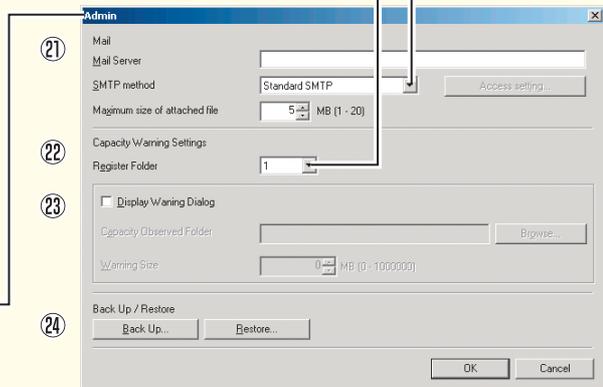
Register Folder



SMTP method



Admin Dialog Box



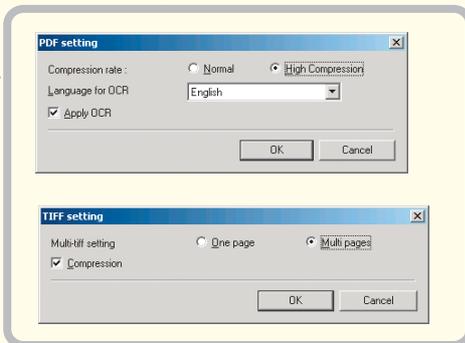
Function



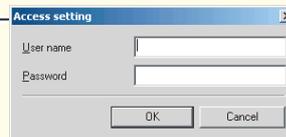
* Dialog box contents depend on the selected function.

Opens the TWAIN driver's basic setup dialog box (refer to the TWAIN Driver Quick Guide).

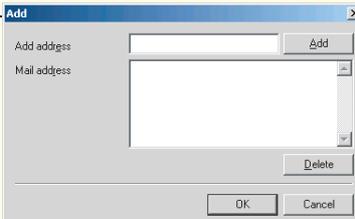
PDF/TIFF Settings



Access Setting (Windows 2000/XP)



Add E-Mail Address



* Enter the address of an additional e-mail recipient and press the Add button to add it to the [Mail address] list.

Canon DR-1210C Job Registration Tool Quick Guide

Keep this Quick Guide near the scanner for ready reference.

Job Registration Tool Dialog Box

- ① **Job list**
Shows the registered jobs.
- ② **Job button settings**
Configures the Job Buttons on the scanner's operation panel.
- ③ **[New/Editing] button**
Opens the New/Editing dialog box.
- ④ **[Copy] button**
Copies a registered job to another Job No.
- ⑤ **[Delete] button**
Deletes the selected job from the Job list.
- ⑥ **[Selectable Job Button]**
Opens a dialog box for assigning jobs to the shortcut buttons (A through E) on the scanner's operation panel.
- ⑦ **[Admin] button**
Opens the Admin dialog box.

New/Editing Dialog Box

- ⑧ **Job title**
Enter the job title to appear on the display panel.
- ⑨ **Function**
Selects the function assigned to the Scan button.
☞ The contents of the Editing dialog box are determined by the selected function.
- ⑩ **Scanner setting**
Opens the TWAIN driver's basic setting dialog box to configure the scanner.
- ⑪ **Save to My Pictures folder**
Saves scanned images in the My Pictures folder in My Documents.
☞ When this check box is not checked, you can specify the destination folder for saving images.
- ⑫ **File name**
Specifies the file name.
☞ Image files names are created by appending a time stamp to the specified file name.
- ⑬ **File type**
Selects the file format for saved images.
☞ The [Setting] button is enabled when PDF or TIFF is selected.
- ⑭ **[Setting] button**
This button is enabled when the PDF or TIFF file type is selected, and opens the PDF or TIFF Setting dialog box.
☞ The PDF setting dialog box provides [Compression] and [OCR] settings.
☞ The TIFF setting dialog box provides [Multi-tiff setting] and [Compression] settings.
- ⑮ **[Access setting] button**
Opens the Access setting dialog box.
☞ Enter the correct User name and Password to obtain access to a shared network folder.

- ⑯ **Printer**
Shows the default printer. Printer settings can be changed by clicking the [Printer setting] button.
- ⑰ **Print format**
Selects the printing size.
☞ [Actual size] prints at the same size as the document.
☞ [Fit to paper] resizes scanned images to fit on the printing paper when the images are larger than the paper. When the images are smaller than the paper, they are printed at actual size.
- ⑱ **Save Image**
Select this check box to save images scanned using "Attach to E-mail" or "Send by E-mail".
- ⑲ **Send by E-Mail settings**
Configures settings to send e-mail messages automatically.
- ⑳ **[Add] button**
Adds an e-mail recipient's address.

Admin Dialog Box

- ㉑ **Mail Server setting**
Specifies the mail server to be used for sending e-mail messages.
☞ Contact your mail server's administrator for help with the mail server settings.
- ㉒ **Capacity Warning Settings**
Specifies the folder for saved image files, and the capacity of that folder, in advance.
☞ After specifying the folder and starting to scan, a warning message is displayed when the specified capacity is reached while scanning.
- ㉓ **Register Folder/Display Warning Dialog**
The [Capacity Observed Folder] and [Warning Size] items are enabled by specifying a Register Folder (number) and selecting the Display Warning Dialog check box.
☞ When the capacity warning is displayed, follow the displayed instructions to continue scanning.
- ㉔ **Job Backup/Restore**
Backs up and restores registered jobs.
☞ Backup files can be restored on another DR-1210C document scanner.

This Quick Guide describes settings for the Job Registration Tools. Click the Help button for details.
