Canon

imageFORMULA

DR-3010C

Document Scanner

User Manual

- Please read this manual before operating this scanner.
- After you finish reading this manual, store 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 imageFORMULA DR-3010C. Please read this manual thoroughly before using the scanner 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.

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 damaging 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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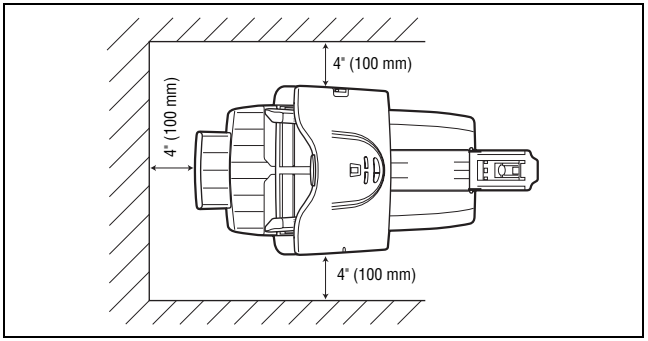
1. Important Safety Instructions

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.



- Provide adequate space in front of the scanner for documents output after being scanned.
- 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.
- 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.

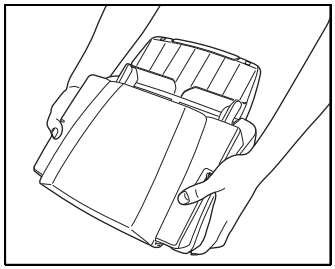
- Avoid exposing the scanner to rapid changes in temperature. If the room in which the scanner is installed is cold but rapidly heated, water droplets (condensation) may form inside the scanner. This may result in a noticeable degradation in scanning quality.
- The following conditions are recommended 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.)

AC Adapter

- 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 disassemble or modify the AC adapter, as it is dangerous.
- The power cord may become damaged if it is often stepped on or if heavy objects are placed on it. 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 cord clear of objects so that the power cord can be disconnected easily in an emergency.
- Do not use an AC adapter other than the one provided with the scanner. Do not use the AC adapter provided with the scanner with other products.
  Model: MG1-4315
- If you have any questions regarding the power supply, contact your local authorized Canon dealer or service representative for further information.

Moving the Scanner

- When moving the scanner, always hold it with both hands to avoid dropping it. The scanner weighs approximately 6.4 lb (2.9 kg).
- Make sure to disconnect the interface cable and AC adapter before moving the scanner. If the scanner is transported with these items connected, the plugs and connectors may be damaged.



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. Do not place heavy objects on the power cord, 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 multiplug 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 a power cord or AC adapter other than the ones provided with this scanner.
- Do not take the scanner apart or modify it.
- Never try to take the AC adapter apart or modify it in any way, as this is dangerous.
- 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 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 install the scanner in a humid or dusty location. Doing so might cause a fire or electric shock.
- Do not place objects on top of the scanner. Such objects may tip or fall over, resulting in personal injury.
- 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).
- 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 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.
- Be careful when loading paper into the scanner and when removing jammed paper. It is possible to cut your hand on the edge of a sheet of paper.

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-3010C Document Scanner

The main features of the DR-3010C document scanner are described below.

■ **Compact Size**
The dimensions of the scanner are as follows: 12.2" (310 mm) (W) x 9.1" (230 mm) (H) x 23.0" (583 mm) (D) (with the tray open).
(The size of the scanner with the tray closed is 12.2" (310 mm) (W) x 7.8" (197 mm) (H) x 11.5" (292 mm) (D).)

■ **Fast Document Feeding**
The scanner can scan a maximum of 30 documents per minute in a range of sizes from business card to LTR/A4 size.
- Scanning conditions: Black-and-white/color, LTR/A4, portrait orientation, one-sided/two-sided, 200 dpi

■ **High Image Quality**
The 600 dpi optical resolution sensor incorporated in the scanner enables documents to be scanned with high image quality.

■ **Eject Tray**
The eject tray enables scanned documents to be stacked. Open the eject tray when scanning documents that are not output smoothly. Scanned documents can be output without opening the eject tray.

■ **USB Link Switch**
The power of the scanner can be linked to be automatically turned ON/OFF in accordance with the power of the computer.

■ **USB 2.0 Interface**
The scanner supports Hi-Speed USB 2.0.

■ **Color/Grayscale Support**
Documents can be scanned in 24-bit color or 256-level grayscale.

■ **Supports a Variety of Scanning Modes**
The scanner supports the following scanning modes, depending on the document type:
- Single-sided/double-sided mode
- Feeding continuously or by sheet

■ **Card Scan**
You can scan plastic cards and IDs that are the sizes matching ISO7810 standards.

■ **Paper Size Detection**
The scanner automatically detects the size of a scanned document and eliminates any unnecessary space around the edges of the image when storing the image, even when storing a document of irregular size.

- **Auto Color Detection**
  The scanner detects whether the scanned document is in color or black-and-white, and saves the image in the same format as the document.
- **Folio Scan**
  You can scan folded documents. The scanner will scan both sides and combine the scanned images into a single image.
- **Deskew**
  The scanner straightens scanned images when it detects that the document was placed askew.
- **Ultrasonic Double Feed Detection**
  Ultrasonic waves are used to detect pages that are fed at the same time as well as the space between pages. Feeding stops if a double feed is detected.
- **Text Enhancement Modes**
  The scanner is equipped with the Advanced Text Enhancement mode to enhance the text of documents with dark or uneven backgrounds, and the Advanced Text Enhancement II mode to enhance the text when both the text and background are light.
  These modes may not work, depending on the type of document.
- **Color Drop-Out**
  The scanner is equipped with a Color Drop-Out function and a Color enhancement function (Red) that enables you to specify a color for the scanner to omit from the scanned image.
- **Skip Blank Page Function**
  The scanner is equipped with a Skip Blank Page function that enables you to scan a document without storing images of blank pages, regardless of whether each page of the document is two-sided or one-sided.
- **Prescan Function**
  The scanner is equipped with a Prescan function that enables you to adjust the contrast and brightness of a prescanned image. The adjusted image is then sent to the application software without the need to scan the document again.
- **Job Function**
  The scanner includes an operation panel to automatically scan and perform operations. Up to nine operations, such as saving, printing, or mailing can be registered. For information on the Job Function,see Chapter 5, "Job Registration Tool Settings," on p.56.
- **Auto Start**
  The scanner is equipped with an auto start function, which enables scanning to be automatically started when a document placed in the feeder is detected.
- **Compatible with Carbonless Duplicating Paper**
  The scanner is able to scan carbonless duplicating paper.
- **Sleep Mode**
  The scanner is designed to save energy by entering the sleep mode when it is not scanning documents.
- **Bar Code Detection**
  The bar codes within documents can be detected by installing the optional bar code module.

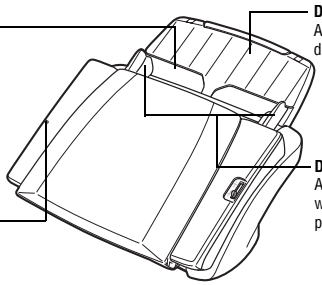
NOTE

Some 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.

■ Front View/Right-Side View



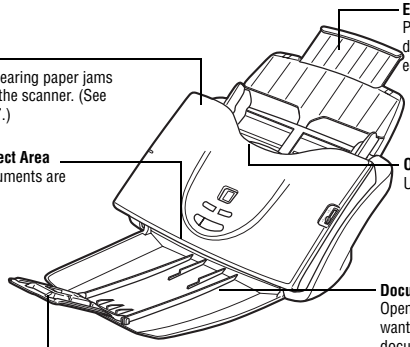
Document Feeder
Load the Document.
(See p.21.)

Document Feed Tray
Attach before placing documents.

Document Guides
Adjust these guides to fit the width of the document. (See p.22.)

Power Indicator
This indicator lights blue when the scanner is turned ON.

■ Front View (With the Document Feed Tray and Eject Tray Open)



Extension Tray
Pull this tray out if the document hangs over the edge of the document feeder.

Front Unit
Open when clearing paper jams and cleaning the scanner. (See p.34 and p.67.)

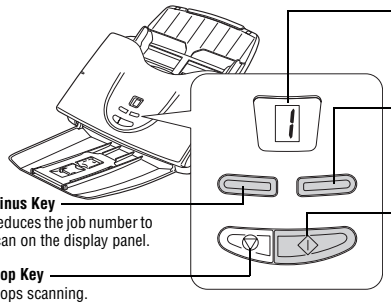
Document Eject Area
Scanned documents are output here.

OPEN Button
Use to open the front unit.

Document Eject Tray
Open this tray when you want to stack output documents.

Extension Tray
Pull this tray out if the document hangs over the edge of the document eject tray.

■ Operation Panel



Display Panel
Displays the job numbers or the error codes.

Plus Key
Increases the job number on the display panel.

Minus Key
Reduces the job number to scan on the display panel.

Start Key
Starts the job number to scan on the display panel.

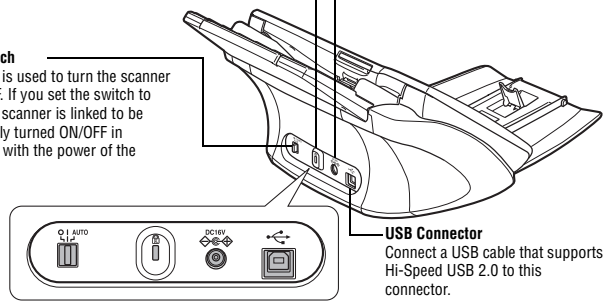
Stop Key
Stops scanning.

Error Codes Displayed:

- C : Displayed if the front unit is open.
- P : Displayed if a paper jam is detected.
- d : Displayed if a double feed is detected while scanning.
- E : Displayed if another type of error occurs.

For information resolving error codes, see "An Error Code Is Displayed on the Display Panel," on p.78.

■ Back View



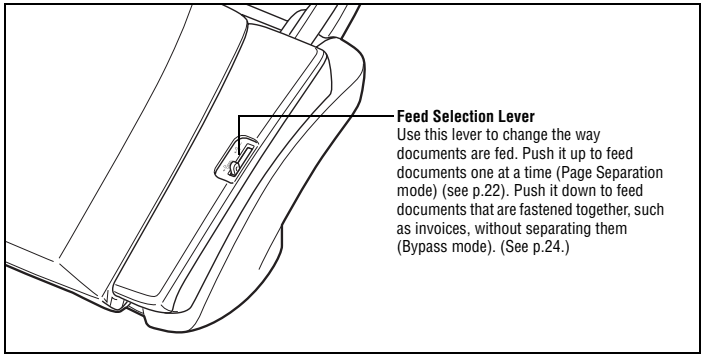
Theft Prevention Hole (Kensington)
Attach a key chain, etc. here to prevent the scanner from being stolen.

Power Connector
Connect the supplied AC adapter to this connector.

Power Switch
This switch is used to turn the scanner ON and OFF. If you set the switch to 'AUTO', the scanner is linked to be automatically turned ON/OFF in accordance with the power of the computer.

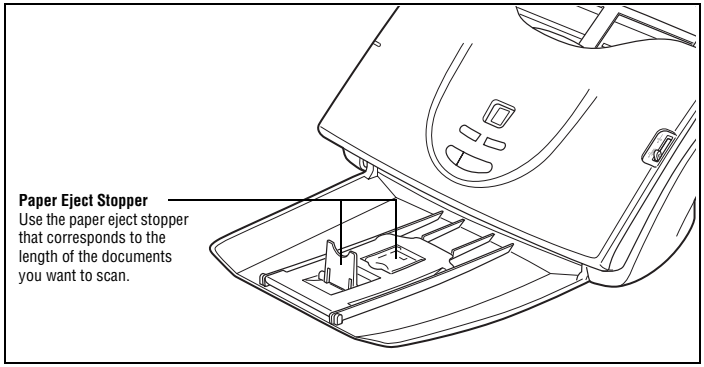
USB Connector
Connect a USB cable that supports Hi-Speed USB 2.0 to this connector.

■ Feed Selection Lever



Feed Selection Lever
Use this lever to change the way documents are fed. Push it up to feed documents one at a time (Page Separation mode) (see p.22). Push it down to feed documents that are fastened together, such as invoices, without separating them (Bypass mode). (See p.24.)

■ Paper Eject Stopper



Paper Eject Stopper
Use the paper eject stopper that corresponds to the length of the documents you want to scan.

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1. Scanner System Requirements

To use the DR-3010C scanner, your computer must satisfy the following system requirements.

- Operating systems:
  - Microsoft Windows 2000 Professional SP4 or later
  - Microsoft Windows XP Professional SP3 or later
  - Microsoft Windows XP Home Edition SP3 or later
  - Microsoft Windows XP Professional x64 Edition SP2 or later
  - Microsoft Windows Vista Home Basic (32-bit Edition/64-bit Edition) SP1 or later
  - Microsoft Windows Vista Home Premium (32-bit Edition/64-bit Edition) SP1 or later
  - Microsoft Windows Vista Business (32-bit Edition/64-bit Edition) SP1 or later
  - Microsoft Windows Vista Ultimate (32-bit Edition/64-bit Edition) SP1 or later
  - Microsoft Windows Vista Enterprise (32-bit Edition/64-bit Edition) SP1 or later
- Computer requirements:
  - CPU: Pentium 4 (3.2 GHz or faster)
  - Memory: 1 GB or more
  - Hard disk: 1 GB or more available space
  - CD-ROM drive
  - Hi-Speed USB 2.0
  - Monitor: Resolution of 1024 × 768 (XGA) or better recommended.
- An ISIS-compatible application or a TWAIN-compatible application that is compatible with the above operating systems.

IMPORTANT

- **If you do not know the requirements for your computer system, contact the store where you purchased the computer or the manufacturer of the computer for more information.**
- **Use the latest USB 2.0 driver made available by Microsoft. For details, contact your local authorized Canon dealer.**
- **Use the USB interface provided as standard with your computer. However, normal operation is not guaranteed with all USB interfaces, even if present as standard equipment on the computer. For details, contact your local authorized Canon dealer.**
- **Scanning speeds are lower if your computer's standard USB interface is USB Full-Speed (equal to USB 1.1).**
- **The USB cable you are using should be the one originally included with the scanner.**
- **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 specified 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.**

2. Installing the Software

This section describes how to install the required software.

Setup Disc

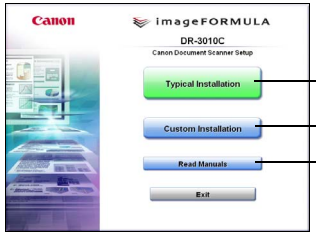
The following software is included on the DR-3010C Setup disc.

- DR-3010C Driver/Job Registration Tool
  The scanner driver for using the DR-3010C and the tool to register/set jobs.

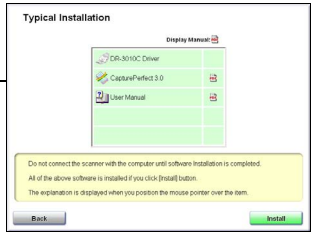
- CapturePerfect 3.0
  An ISIS compatible application developed for use with Canon document scanners.

NOTE

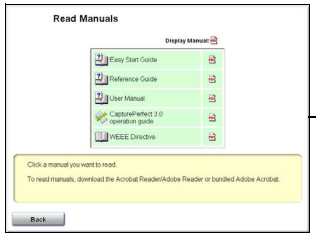
The Setup disc of the DR-3010C is configured as follows. Install the software using either Typical Installation or Custom Installation.



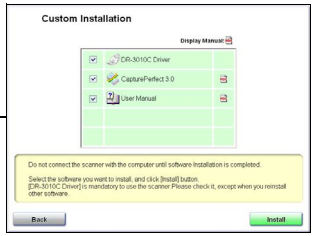
Menu Screen



Typical Installation



Read Manuals



Custom Installation

Software Installation

Follow the procedure below to install the software.

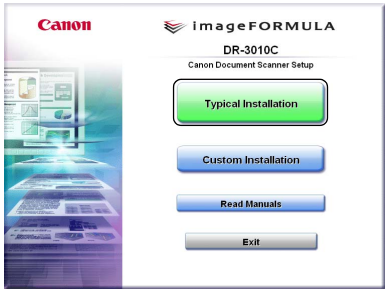
IMPORTANT

- **Install the software before connecting the scanner to the computer.**
- **Log on to Windows as an Administrator.**
- **Close all other applications before installing the software.**

1 Turn the power of the computer ON.

2 Insert the DR-3010C Setup disc into the CD-ROM drive of the computer.

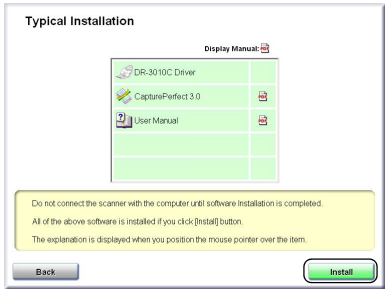
3 Click [Typical Installation].



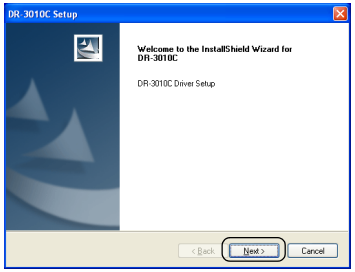
NOTE

When you select [Typical Installation], all of the displayed software and the User Manual will be installed automatically. If you want to reinstall only specific software that you have previously uninstalled, select [Custom Installation] and specify the software.

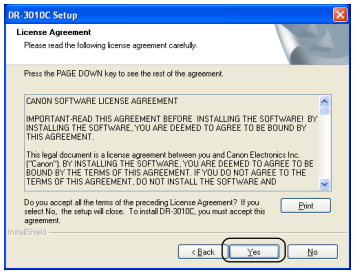
4 Click [Install].



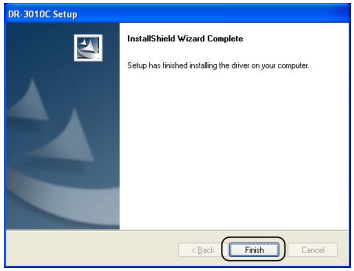
5 Click [Next].



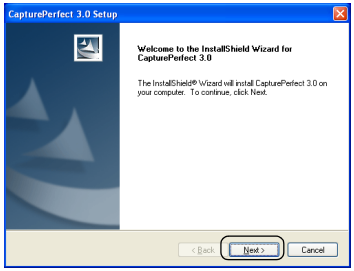
6 Read the license agreement → click [Yes] to accept it.



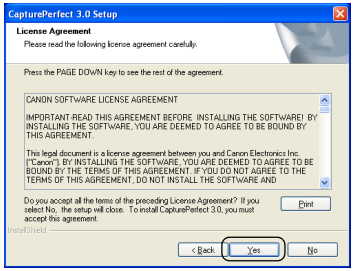
7 When the driver installation is complete, click [Finish].



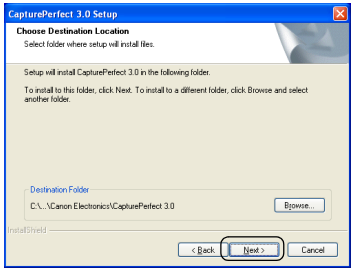
8 Click [Next].



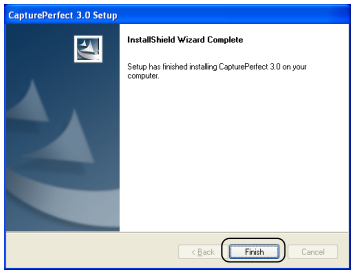
9 Read the license agreement → click [Yes] to accept it.



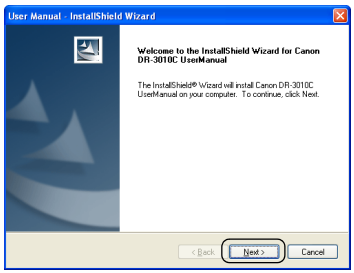
10 Confirm the installation location → click [Next].



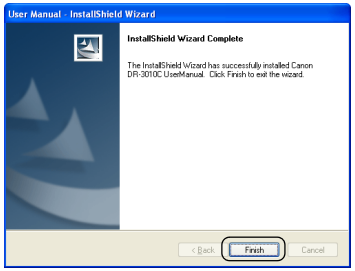
11 When the CapturePerfect 3.0 installation is complete, click [Finish].



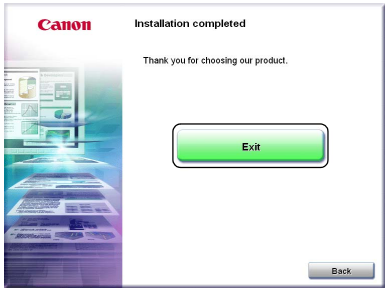
12 Click [Next].



13 When the User Manual installation is complete, click [Finish].



14 Click [Exit] to finish installing the software.



15 Remove the DR-3010C Setup disc from the CD-ROM drive.

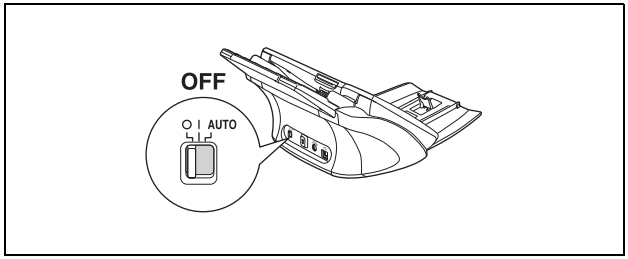
Connecting the Scanner to the Computer

Connect the scanner to the computer.

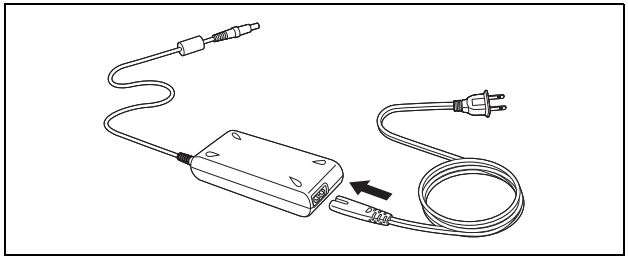
IMPORTANT

Before connecting the scanner to the computer, verify that the power switch of the scanner is OFF. If the power switch is in the ON position, push the switch to set it to OFF.

1 Verify that the power switch of the scanner is OFF (◯setting).

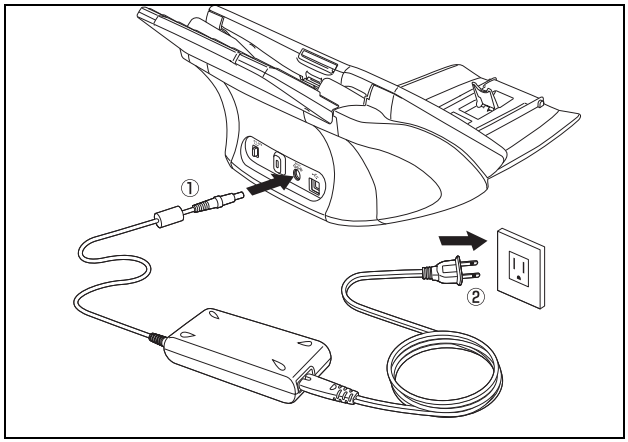


2 Connect the power cord to the AC adapter.

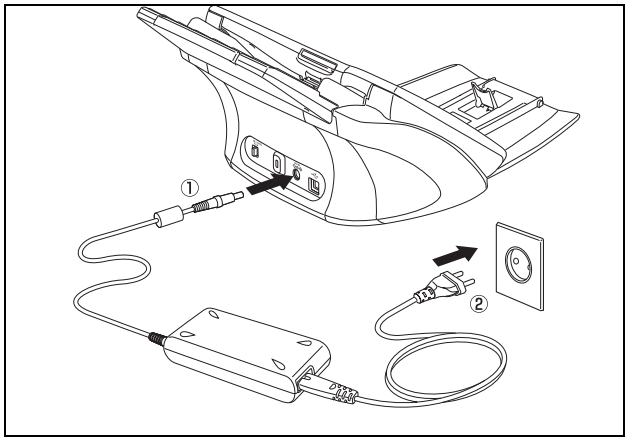


3 Connect the plug of the AC adapter to the power connector on the back of the scanner.

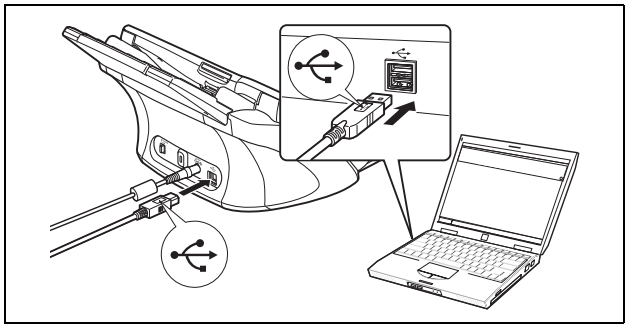
120 V model



220-240 V model



4 Use the supplied USB cable to connect the scanner to the computer.



3. Turning the Power ON

When you turn the computer and the scanner ON for the first time, the Plug and Play function of Windows recognizes the scanner and automatically installs the required device driver.

IMPORTANT

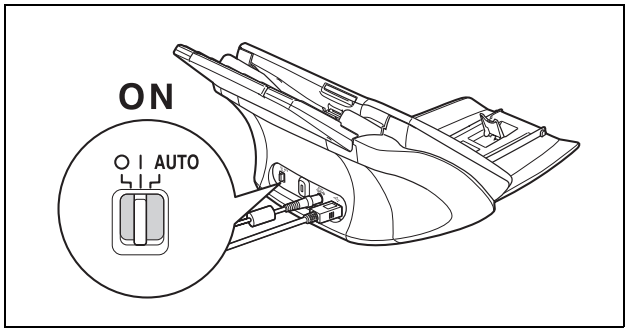
- **If you turn the power OFF, wait at least 10 seconds before turning it ON again.**
- **If you will not be using the scanner for an extended period, you should disconnect the power cord from the AC outlet for safety.**

Scanner Recognition

The scanner will be recognized the first time it is connected to the computer.

1 Make sure that the scanner and computer are connected properly.

2 Press the power switch on the back of the scanner to turn the scanner ON (| setting).



3 Windows automatically recognizes the DR-3010C as new hardware.

NOTE

If you set the power switch on the back of the scanner to 'AUTO', the scanner is linked to be automatically turned ON/OFF in accordance with the power of the computer.

Chapter 3 Basic Operation

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1. Documents

The scanner can scan documents ranging in size from business cards and checks to LTR/A4. The document sizes that this scanner can scan are shown below.

Plain Paper

Size

Width: 1.97" to 8.5" (50 mm to 216 mm)

Length: 2.12" to 14.02" (53.9 mm to 356 mm)*

Paper weight

Page Separation mode: 14 to 54 lb bond (52 to 209 g/m^2)
0.0024" to 0.01" (0.06 mm to 0.25 mm)

Bypass mode: 11 to 54 lb bond (40 to 209 g/m^2)
0.002" to 0.01" (0.05 mm to 0.25 mm)

* You can scan documents up to 39.2" (1000 mm) long by setting the scanner to the Long Document mode. (See "Setting the Long Document Mode," on p.36.)

IMPORTANT

A document must meet the following criteria to be scannable:

- **When scanning multiple documents of different sizes, place the documents so that they cover the entire span of the feed rollers.**
- **It is recommended that documents larger than LTR/A4 paper are fed one sheet at a time.**
- **Scanning documents before the ink is dry can cause problems with the scanner. Always make sure that the ink on a document is dry before scanning it.**
- **Scanning documents that are written in pencil or similar material may make the rollers and scanning glass dirty, which can lead to smudges on the scanned image and transfer the dirt to subsequent documents. Always clean the internal parts of the scanner after scanning such 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. In this case, adjust the scanning intensity in the application software and set the Preventing Bleed Through/Removing the Document Background function in the driver before scanning the document.**
- **It is recommended that thin documents are fed one sheet at a time.**
- **Scanning the following types of documents can cause a paper jam or malfunction. To scan such a document, make a photocopy of the document and then scan the photocopy.**

Wrinkled or creased documents

Curled documents

Torn documents

Documents with paper clips or staples

Carbon paper

Coated paper

Extremely thin, translucent paper

Documents with square holes punched

Business Card

Size: 1.97" x 2.12" (50 mm x 53.9 mm) or larger
Paper weight: 140 lb bond (300 g/m^2) 0.0138" (0.35 mm) or less

IMPORTANT

If a stack of business cards cannot be fed properly, reduce the number of cards in the stack.

Plastic Card

Size: 2.12" x 3.37" (53.9 mm x 85.5 mm) (ISO7810 standard)
Card thickness: 0.03" (0.76 mm) or less
Orientation: Horizontal feeding only
Embossed cards can be scanned.

NOTE

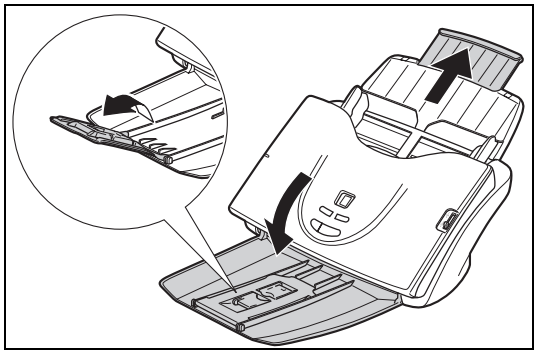
- Vertically placed cards may not be output properly, and cards that get jammed may be damaged when you remove them. Make sure to place cards in the proper orientation.
- Embossed cards may not scan correctly, depending on the type of embossment.

2. Preparing the Scanner

Prepare the document feed tray according to the paper size and type.

Preparing the Trays

The extension trays can be set to the size of the document you want to scan.

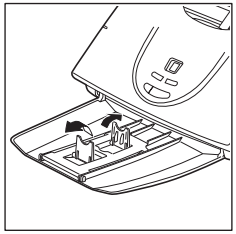


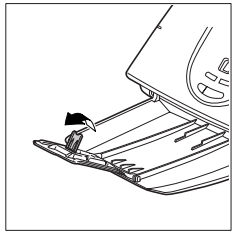
NOTE

- Documents can be scanned with the document eject tray closed.
- Open the document eject tray when you want to stack output documents.
- Use the extension tray when the document hangs over the edge of the main tray.

Preparing the Document Stopper

Use the document stopper that corresponds with the length of the document you want to scan.



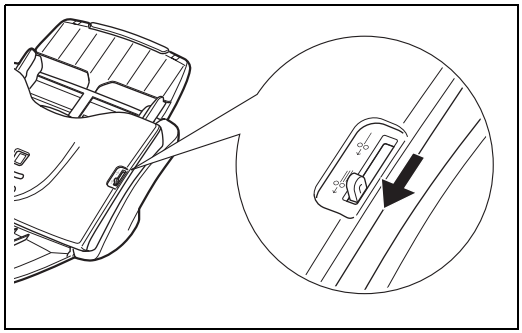


3. Placing Documents

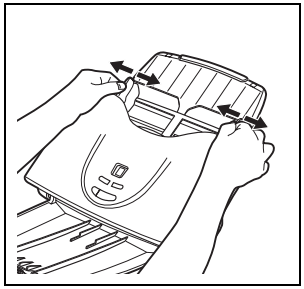
There are two methods for feeding documents, the Page Separation mode and Bypass mode. Feeding pages continuously from a stack of documents placed in the feed tray is called the Page Separation mode. Feeding documents one sheet at a time or feeding documents consisting of multiple pages that are attached, is called the Bypass mode.
The document feed method can be changed by moving the feed selection lever.

Feeding in the Page Separation Mode

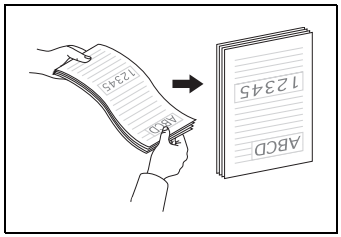
1 Switch the feed selection lever to (Page Separation).



2 Adjust the document guides to fit the width of the document to be scanned.



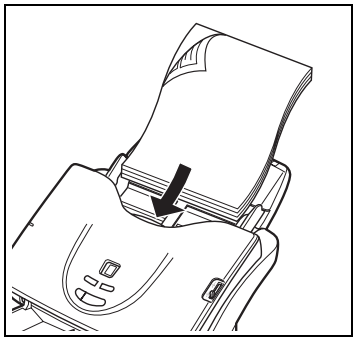
3 Fan the pages of the document to be scanned, and then turn the document so that it is upside down.



CAUTION

When placing documents into the feed tray, take care not to cut your hands on the edges of the paper.

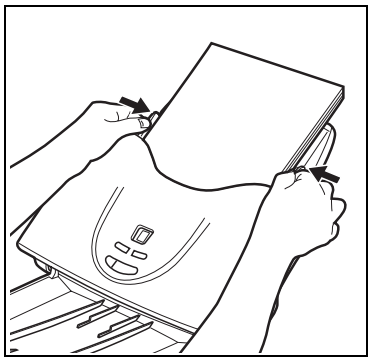
4 Place the document face down, with the top fed through the scanner first.



IMPORTANT

There is a load limit mark (▼) on the document guides. Do not stack documents higher than this mark (approximately 50 sheets of 20 lb bond (80 g/m^2) paper.) Doing so may cause a paper jam.

5 Adjust the document guides to fit the width of the document.



NOTE

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

6 Use the application software to start scanning.

CAUTION

- **Before you place a document, check to make sure it does not contain paper clips, staples, or other small metal objects. These items may cause a fire or electrical shock, 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 gets caught in the scanner, immediately disconnect the power cord from the power outlet to stop scanning.**

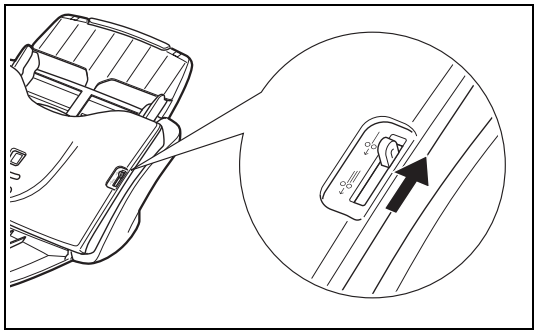
IMPORTANT

- **Always smooth out any folds or curls in your documents before placing them into the feeder. If the leading edge of a document is curled, it may cause a paper jam.**
- **If feeding stops due to a system error or paper jam while the scanner is scanning, resolve the problem, make sure that the scanned image of the last page that was successfully fed has been stored, and then resume scanning the remaining document pages.**
- **After you finish scanning, close the document feed tray and the document eject tray to prevent damage to the scanner while it is not being used.**

Feeding in the Bypass Mode

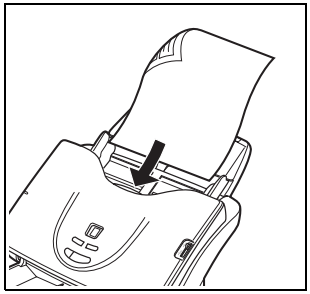
When scanning multiple page documents that are fastened together, such as invoices, place the documents so that the top (or the edge that is fastened together) is fed through the scanner first.

1 Switch the feed selection lever to ⏚ (Bypass).



2 Adjust the document guides to fit the width of the document to be scanned. (See p.22.)

3 Place the document face down, with the top (or the edge that is fastened together) fed through the scanner first. (See p.22.)



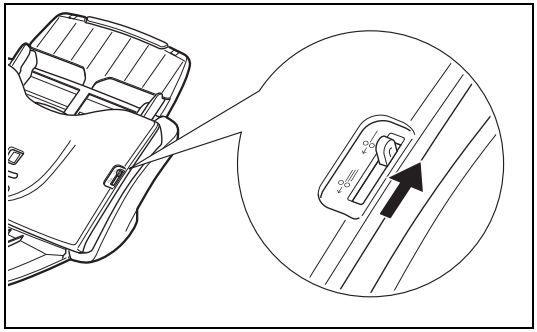
4 Use the application software to start scanning.

IMPORTANT

- **When placing documents that are fastened together, such as invoices, place the fastened side of the document so that it is fed through the scanner first.**
- **After you finish scanning, close the document eject tray to prevent damage to the scanner while it is not being used.**

Placing Cards

1 Switch the feed selection lever to ⏚ (Bypass).

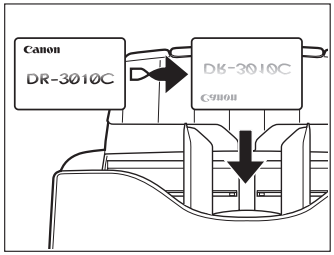


IMPORTANT

When scanning cards, make sure to set the feed selection lever to ⏚ (Bypass), and scan the cards one at a time.

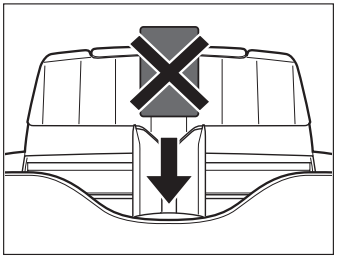
2 Adjust the document guides to fit the width of the card to be scanned. (See p.22.)

3 Place the card horizontally, turn it upside down and face down, with the top fed through the scanner first.



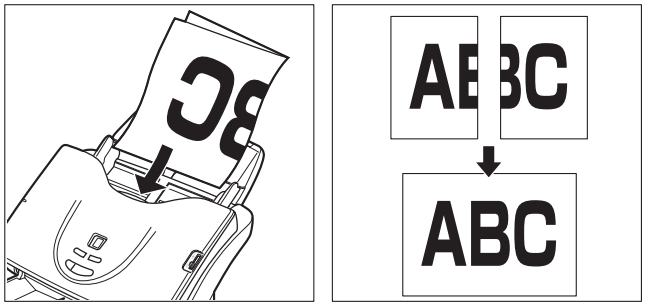
CAUTION

Vertically placed cards may not be output properly, and cards that get jammed may be damaged when you remove them. Make sure to place cards in the proper orientation.



Placing Folded Documents

Folio Scan enables you to scan documents that are larger than LTR/A4 and, therefore, do not fit in the feeder. (The maximum size is 11" x 17"/A3.) To use the function, fold the document in half lengthwise and place it into the feeder. The DR-3010C will scan both sides and combine the scanned images into a single image.



IMPORTANT

- **When folding the document, align the right and left sides and create a sharp, straight fold. Otherwise the document may jam or the image may not be aligned properly.**
- **The fold line itself will not be scanned. Keep this in mind if there is content such as photos, diagrams, or text that spans the fold.**
- **For Folio scanning, only the Bypass mode can be used. Place documents one at a time.**
- **Adjust the document guides to fit the width of the document. Otherwise, the image may scan as skewed or shifted.**

NOTE

- When scanning folded documents, switch the feed selection lever to ⏚ (Bypass).
- When placing folded documents, place the document into the scanner so that the fold is on the right side. The side of the folded document facing you will become the right side of the combined image.
- When scanning folded documents, click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Folio] from the Scanning Side drop-down list → click [OK].
  (See Chapter 4, "ISIS/TWAIN Driver Settings - Scanning Side Settings," on p.43.)
- The maximum size for the combined image is 11" x 17"/A3. When using the Folio function for an irregular document size, click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Auto-detection] from the Page Size drop-down list → click [OK].
- Ultrasonic Double Feed Detection cannot be used when scanning folded documents.

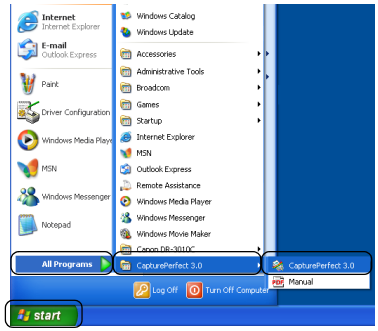
4. Scanning Methods

When scanning with the DR-3010C, in addition to scanning from an application, you can also use the Job function to perform scanning by pressing the Start key. This section describes the procedures for scanning using the CapturePerfect 3.0 software included with the scanner, scanning using the Job function, and other special scanning. For details on scan settings, see Chapter 4, "ISIS/TWAIN Driver Settings," on p.38.

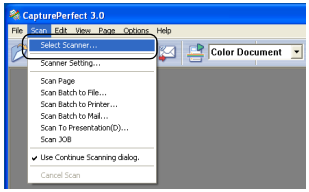
Scanning With CapturePerfect 3.0

This section describes how to start CapturePerfect 3.0, select the scanner, and scan documents.
The Scan Batch to File function is used here as an example.
For details, see the *CapturePerfect 3.0 Operation Guide* and CapturePerfect Online Help.

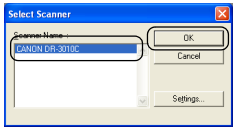
1 From the Windows task bar, click [Start] → [All Programs] → [CapturePerfect 3.0] → [CapturePerfect 3.0].



2 From the [Scan] menu, select [Select Scanner].



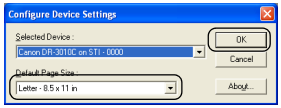
3 Select [CANON DR-3010C] → click [OK].



NOTE

If [CANON DR-3010C] is not displayed in the list of scanners, reinstall the ISIS/TWAIN driver. (See Chapter 2, "Setup - 2. Installing the Software," on p. 13.)

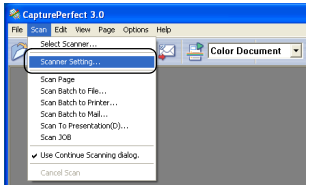
4 Select the default page size from the Default Page size drop-down list → click [OK].



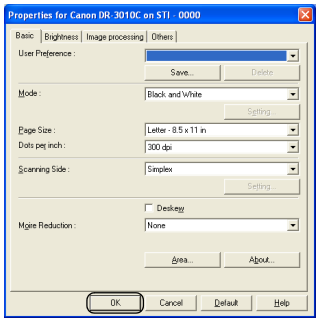
NOTE

- The Configure Device Settings dialog box is displayed only when you select [CANON DR-3010C] in the [Select Scanner] dialog box for the first time and click [OK], and when you click [Settings] for the [Select Scanner] dialog box.
- The settings here are applied when you click [Default] in the Properties for Canon DR-3010C dialog box.
- For a TWAIN driver, the default value is set to 'LTR' and cannot be changed.

5 From the [Scan] menu, select [Scanner Setting].

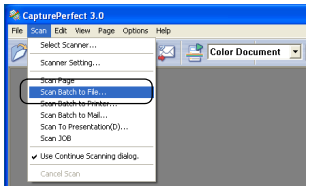


6 Set the scan settings → click [OK]. For more information on scan settings, see Chapter 4, "ISIS/TWAIN Driver Settings," on p.38.



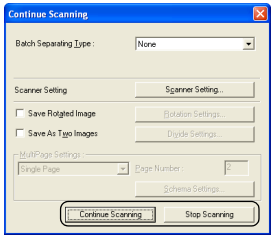
7 Place your document. (See "3. Placing Documents," on p.22.)

8 From the [Scan] menu, select [Scan Batch to File].

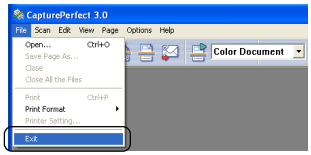


9 Specify the file name and the file type for saving the image data → click [Save] to start scanning.

10 When there are no more pages of the document to scan, scanning stops, and the Continue Scanning dialog box is displayed. Place the next document → click [Continue Scanning] to resume scanning, or click [Stop Scanning] to end scanning.



11 After scanning is complete, select [Exit] from the [File] menu to quit CapturePerfect 3.0.



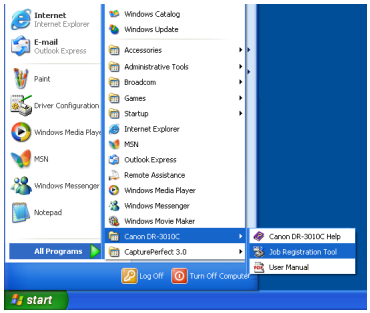
Scanning with the Job Function

This section describes how to start the Job Registration Tool and how to scan with the Job Function. For more information, see Chapter 5, "Job Registration Tool Settings," on p.56.

Job Function

The job function is a function that registers jobs with [Job Registration Tool], and selects or executes the registered job number from the display panel. The conditions are registered for the job such as scanning condition, the format to save image data, the location to save the file.

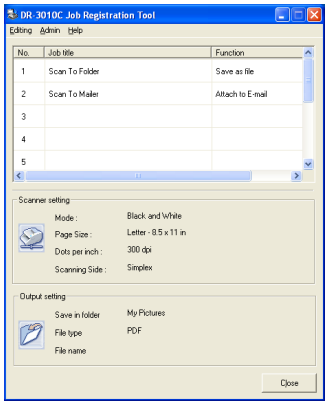
1 From the Windows task bar, click [Start] → [All Programs] → [Canon DR-3010C] → [Job Registration Tool].



NOTE

The Job Registration Tool is a TWAIN-compliant application program that installs with the ISIS/TWAIN driver, and is used for registering the jobs that are executed when the Start key is pressed.

2 Register the job. For information on registering jobs, see Chapter 5, "Job Registration Tool Settings," on p.56.



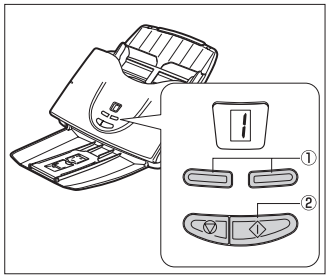
NOTE

- You can register jobs from No. 1 to No. 9.
- The following jobs are registered in the Registered Jobs by default:
  ① No.1 Scan To Folder: Saves the scanned image to a specified folder in a specified format.
  ② No.2 Scan To Mailer: Saves the scanned image to a specified format and attaches the file to an e-mail.

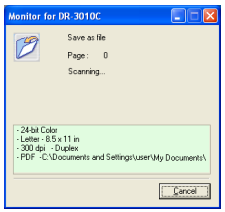
3 Click [Close] in the Job Registration Tool dialog box.

4 Place the document. (See "3. Placing Documents," on p.22.)

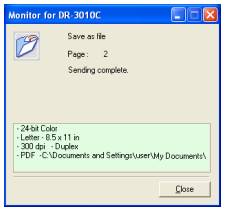
5 Press the Plus key or Minus key to select the job number of the Display Panel(①) → press the Start key(②).



6 The Monitor for DR-3010C dialog box is displayed, and scanning starts.



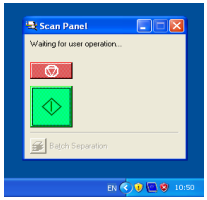
7 When scanning is complete, the image data is sent with the specified conditions.



8 Click [Close] in the Monitor for DR-3010C dialog box.

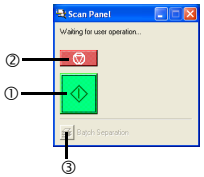
Using the Scan Panel

The Scan Panel is an application that is installed with the ISIS/TWAIN driver. It is displayed in the system tray when the DR-3010C driver is started.
If <Feeding Option> in the [Others] tab in the Properties for Canon DR-3010C dialog box is set to 'Panel-Feeding' or 'Automatic Feeding', the Scan Panel will appear when you start scanning.



Scan Panel Functions

The Scan Panel has the following functions.



①Start button
If <Feeding Option> in the [Others] tab in the Properties for Canon DR-3010C dialog box is set to 'Panel-Feeding', clicking this button starts scanning.

②Stop button
Stops scanning.

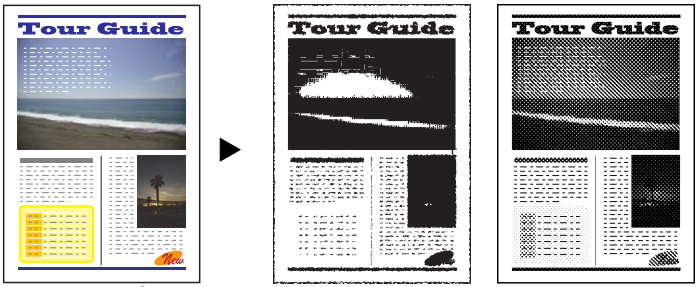
③Batch Separation button
After selecting [Panel] as the batch separation setting on the [Others] tab, if you enable batch separation from the application and start scanning, this button becomes active when scanning of the current document completes, and scanning stops. When clicked, this button depresses and remains depressed while scanning with batch separation continues, until scanning of the current document completes, and scanning stops. The button then returns to normal.

Special Scanning

This section describes examples of settings that can be specified when scanning with the DR-3010C. For more information, see Chapter 4, "ISIS/TWAIN Driver Settings," on p.38, or the Help.

Enhancing the Text of a Document

You can set the scanning conditions to enhance the text of documents with dark backgrounds or documents with a light uniform background and low-contrast text.
Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Advanced Text Enhancement] or [Advanced Text Enhancement II] from the Mode drop-down list → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Scan Mode Settings," on p.40.



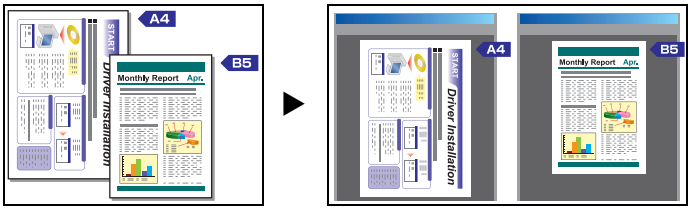
Document to Scan | Black and White Mode | Text Enhancement

Scanning Documents That Include Both Color and Black-and-White Pages

You can set the scanning conditions to detect whether the document to scan is in color or black and white, and save it as a color image or black and white image accordingly.
Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Auto Color Detection] from the Mode drop-down list → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Auto Color Detection," on p.41.

Scanning Different Sized Documents Together

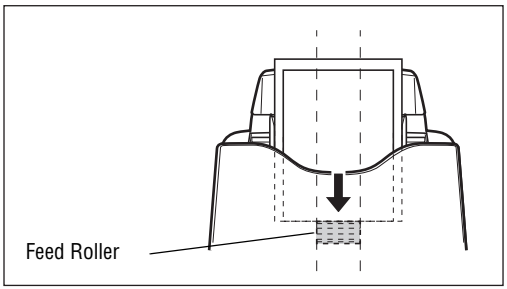
You can set the scanning conditions to scan different sized documents together, such as LTR and LGL documents, while detecting the correct size of the document.
Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Auto-detection] from the Page Size drop-down list → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Paper Size Settings," on p.42.



Auto Page Size Detection

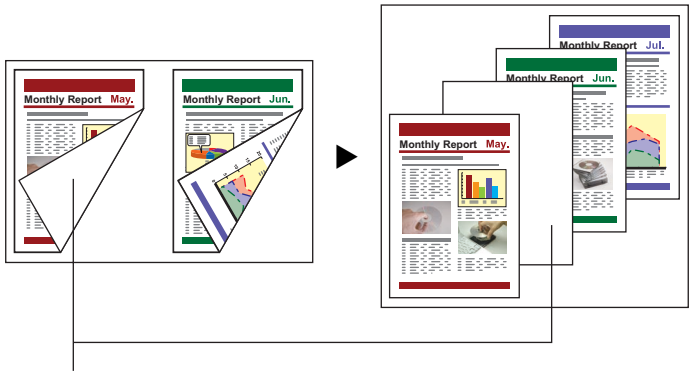
IMPORTANT

When scanning different size documents together, align the center of the documents with the center of the feed roller.



Skipping Blank Pages

You can set the scanning conditions to determine whether a scanned image is a blank page, and not to save the image if it is blank.
Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Skip blank page] from the Scanning Side drop-down list → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Scanning Side Settings," on p.43.



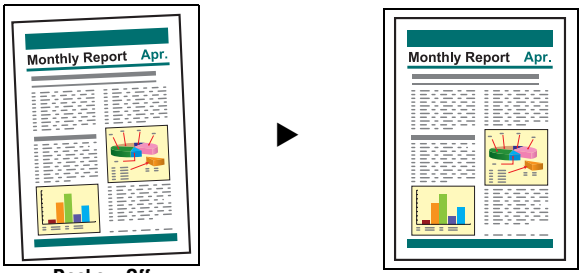
This blank page will be skipped

Scanning (Single-Sided) 11" x 17"/A3 Documents

You can set the scanning conditions to scan both sides of an 11" x 17"/A3 document folded in half to be combined as a single image.
Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Folio] from the Scanning Side drop-down list → click [OK].
For more information on setting the scanning conditions, see "Placing Folded Documents," on p. 25, and Chapter 4, "ISIS/TWAIN Driver Settings - Scanning Side Settings," on p.43.

Deskewing Documents

You can set the scanning conditions to detect slanted document pages and straighten the scanned images.
Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select the [Deskew] check box → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Correcting Image Skewing," on p.44.
Documents exceeding the width of the sensor may become damaged. Also, the scanned image may not be output correctly.



Deskew Off　　Deskew On

Moire Reduction

You can set the scanning conditions to reduce the moire effect (a shimmering, wavy pattern) that often appears when scanning color documents or scanning in grayscale.
Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [High Quality Moire Reduction] from the Moire Reduction drop-down list → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Moire Reduction," on p.45.

Correcting the Text Orientation of Documents

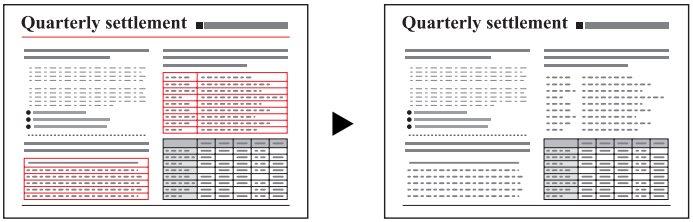
You can set the scanning conditions to detect the text orientation in scanned images, and rotate the images in 90° increments as needed to normalize the orientation.
Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the [Text Orientation Recognition] check box → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Text Orientation Detection," on p.50.

Reducing Bleed Through for Thin Documents and Documents with Dark Back Sides

You can set the scanning conditions to reduce bleed through when scanning thin document pages and those with dark content on the back side, or to remove the background from document images.
Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the [Prevent Bleed Through / Remove Background] check box → click [Setting] → adjust the Removal level setting → click [OK] → [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Preventing Bleed Through/Removing the Document Background," on p.50.

Deleting Borders and Ruled Lines of a Specified Color (Red/Green/Blue)

You can set the scanning conditions to omit borders and ruled lines of a specified color (red, green, or blue) from the scanned image. However, this function is only available when scanning in black-and-white.
Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the colors to omit from the Front and Back drop-down lists → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Omitting a Specific Color," on p.51.



Document to Scan　　Color Drop-out (Red)

Enhancing the Red color for Black-and-White Scanning

You can set the scanning conditions to enhance the color red when performing black-and-white scanning.
Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select [Red Enhance] from the Front and Back drop-down lists → click [OK].
For more information on setting the scanning conditions, see Chapter 4, "ISIS/TWAIN Driver Settings - Enhancing the Red Color," on p.51.

Creating Smaller Files

You can set the scanning conditions to save the scanned image as a PDF file with a high-compression rate, so that the file size is smaller.
Select [PDF File] from the [Options] menu in CapturePerfect 3.0 → click [High compression] in <Mode> → click [OK].
For more information on setting the scanning conditions, see the *CapturePerfect3.0 Operation Guide*.

Saving the Text Data of Documents as Search Keywords

You can set the scanning conditions to convert the text information of a document into text data when creating a PDF file, to be used when searching the text on a computer.
Select [OCR Settings] from the [Options] menu in CapturePerfect 3.0 → select the [Enable] check box → select the language to apply OCR from the Language for OCR drop-down list → click [OK].
For more information on setting the scanning conditions, see the *CapturePerfect3.0 Operation Guide*.

Specifying Security Settings for PDF Files

You can specify security settings to restrict the viewing, printing, and editing of PDF files created with CapturePerfect 3.0.
For more information on specifying security settings, see the *CapturePerfect3.0 Operation Guide*.

5. Practical Examples

This section provides examples of settings when scanning with the DR-3010C. Refer to these examples when specifying ISIS/TWAIN driver settings. For descriptions of particular setting items, see Chapter 4, "ISIS/TWAIN Driver Settings," on p.38.

Scanning Both Sides of Pages

- **To scan both sides of pages**
  Select [Duplex] from the Scanning Side drop-down list.

Scanning Non-Standard Size Documents

- **To scan irregular size documents**
  If irregular size documents are scanned with a standard size selected for the Page Size setting, black areas may appear around the scanned document image. To scan irregular size documents, select [Auto-detection] from the Page Size drop-down list. The page size is then detected automatically.

- **To register an irregular page size for scanning documents**
  An irregular document size not already registered as a page size selection can be saved as a custom page size.
  (See "Adjusting the Scan Area," on p.45.)

- **To scan only part of the document page**
  You can specify the scanning area. However, you cannot set the scan area when [Auto-detection] is selected from the Page Size drop-down list.
  (See "Adjusting the Scan Area," on p.45.)

Scanning Multiple Batches as One Document

- **To scan a document that has too many pages to be loaded all at once as separate batches**
  Select [Automatic Feeding] from the Feeding Option dialog box. When this option is selected, the scanner detects documents and starts scanning as they are loaded, so continuous scanning is possible by loading the document batches repeatedly.
  If you select [Panel-Feeding] from the Feeding Option dialog box, scanning does not start until you press the Scan button. This is useful if you want to straighten documents after you have placed them in the scanner.

- **To create separate files for each batch of documents during continuous scanning**
  Select [Automatic Feeding] or [Panel-Feeding] from the Feeding Option dialog box → select [Auto] from the Batch Separation drop-down list (only for the ISIS driver).

- **To scan a batch of documents one page at a time**
  Select [Automatic Feeding] or [Panel-Feeding] from the Feeding Option dialog box, and scan the documents one page at a time. After each page is scanned, the Scan Panel dialog box is displayed. If you selected [Automatic Feeding], the scanner detects when the next document is placed and continues scanning. If you selected [Panel Feeding], press the Scan button after placing the next document to continue scanning.

Prescan

- **To confirm images before scanning**
  Select the [Prescan] check box. The Prescan window is displayed when scanning starts.
  (See "Prescan," on p.54.)

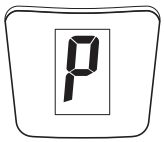
Registering Settings

- **Registering Your Settings**
  Register a name for your settings in the user preferences. When you want to recall your settings later, select the name of your registered user preferences, and they will be reflected in the dialog boxes.
  (See "Registering Scanning Conditions," on p.55.)

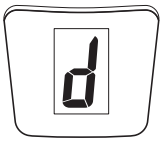
  By using the Job function or the Job Scan function in CapturePerfect 3.0, you can register scanning conditions and methods for processing scanned image files as jobs, and scan by selecting a job.

6. Handling Paper Jams/Double Feed Detection

If a paper jam or double feed is detected while scanning, the following error code is displayed on the display panel of the scanner and the scanning stops.



Error Code for a Paper Jam

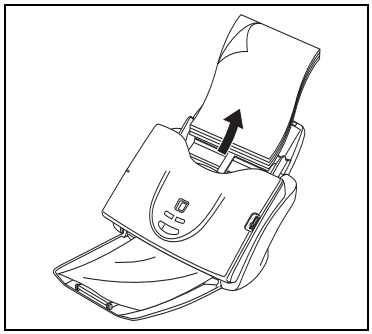


Error Code for a Double Feed

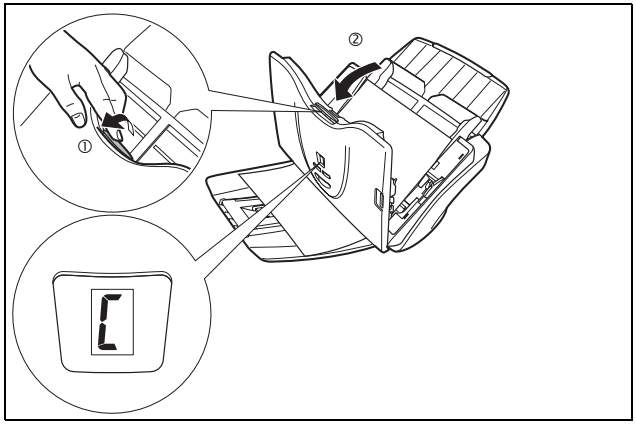
CAUTION

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

1 Remove any documents that have been left in the eject tray.



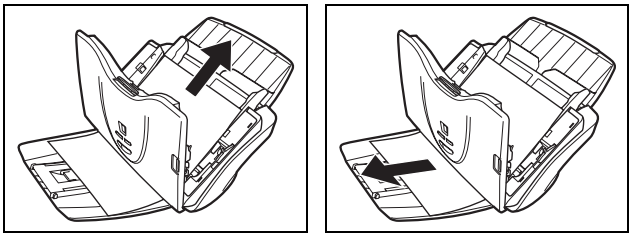
2 Press the OPEN button (①) while pulling the front unit open (②). The error code on the display panel changes to "C."



NOTE

The "C" error code is displayed on the display panel if the front unit is open.

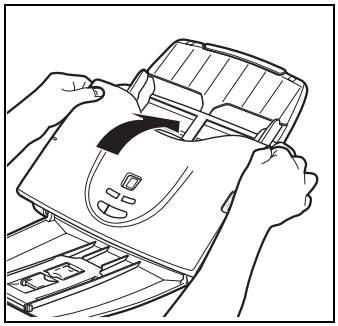
3 Remove the document from the document feeding side or document ejecting side.



IMPORTANT

Make sure to pull the document out carefully, without applying too much force. If the jammed paper tears while you are pulling it out, make sure to remove any remaining pieces from inside the scanner.

4 Close the front unit by gently pushing it up on both sides until it clicks into place. Make sure that the front unit is completely closed by pushing until you hear a click and the error code on the display panel is no longer displayed.



NOTE

- After removing the jammed paper, check to see if the last page was scanned correctly, and then continue scanning.
- If a paper jam occurs when [Rapid recovery system] is enabled in the [Others] tab in the Properties for Canon DR-3010C dialog box, the image data of the document is not saved and scanning stops. This allows you to continue scanning from the document that caused the paper jam after the paper jam is fixed.

7. Other Functions

Setting the Long Document Mode

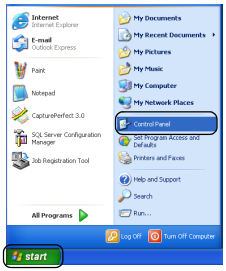
The length of documents that can be scanned with the DR-3010C is normally 14.02" (356 mm), but you can scan documents up to 39.2" (1,000 mm) long by setting the scanner to the Long Document mode.

IMPORTANT

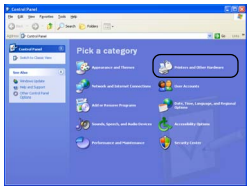
When scanning in the Long Document mode, click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Auto-detection] from the Page Size drop-down list → click [OK]. This allows the scanner to detect and scan documents up to 39.2" (1,000 mm) long. Note the following when using the Long Document mode:

- **When scanning long documents, make sure to set the feed selection lever to (Bypass), and scan the documents one at a time.**
- **When scanning in the Long Document mode, if the document is placed on the scanner in a skewed position, it may hit the edges of the feeding area and be damaged. Be careful to place the document so that it is not skewed.**
- **When scanning in the Long Document mode, paper jam detection may react slowly, resulting in damage to the document. Be careful to avoid paper jams.**

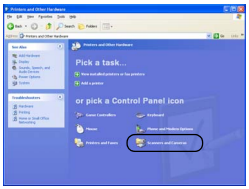
1 From the Windows task bar, click [Start] → [Control Panel].



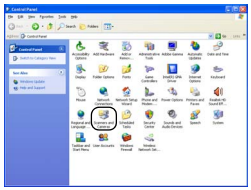
2 If the Control Panel is displayed with the Category View, click [Printers and Other Hardware] in the working field → click [Scanners and Cameras].
If the Control Panel is displayed with the Classic View, double-click [Scanners and Cameras].



Control Panel (Category View)

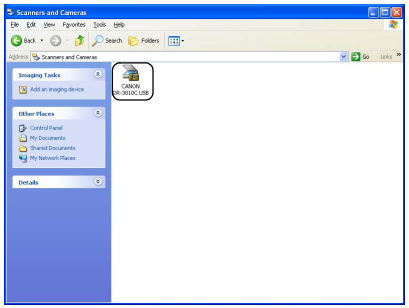


Printers and Other Hardware

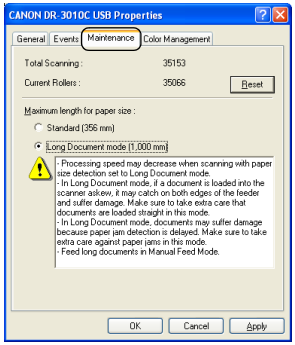


Control Panel (Classic View)

3 Right-click [CANON DR-3010C USB] → click [Properties].



4 Click the [Maintenance] tab → click the [Long Document mode (1,000 mm)] radio button.



5 Click [Apply] → [OK].

6 Turn the scanner OFF, and then ON again.

Chapter 4 ISIS/TWAIN Driver Settings

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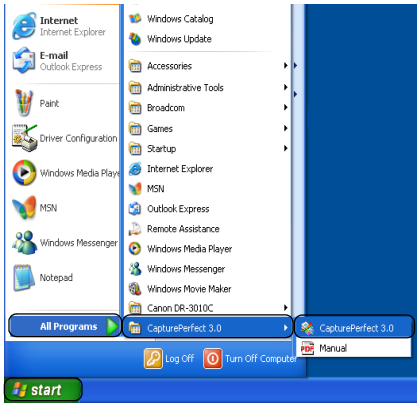
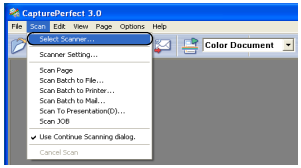
1. Before Using the Scanner

To use the DR-3010C with an ISIS/TWAIN-compliant application, the DR-3010C must first be selected as the scanner to be used.
This section describes how to select the scanner using CapturePerfect 3.0.

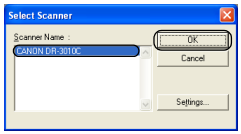
1 From the Windows task bar, click [Start] → [All Programs] → [CapturePerfect 3.0] → [CapturePerfect 3.0].



2 From the [Scan] menu, select [Select Scanner].



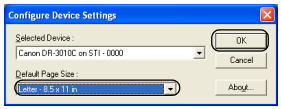
3 Select [CANON DR-3010C] → click [OK].



NOTE

If [CANON DR-3010C] is not displayed in the list of scanners, reinstall the ISIS/TWAIN driver. (See Chapter 2, "Setup - 2. Installing the Software," on p. 13.)

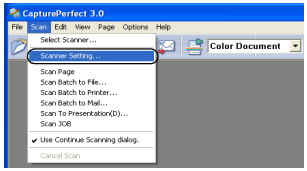
4 Select the default page size from the Default Page Size drop-down list → click [OK].



NOTE

- The Configure Device Settings dialog box is displayed only when you select [CANON DR-3010C] in the [Select Scanner] dialog box for the first time and click [OK], and when you click [Settings] for the [Select Scanner] dialog box.
- The settings here are applied when you click [Default] in the Properties for Canon DR-3010C dialog box.
- For a TWAIN driver, the default value is set to 'LTR' and cannot be changed.

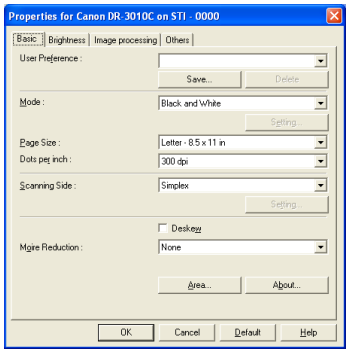
5 From the [Scan] menu, select [Scanner Setting].



The Properties for Canon DR-3010C dialog box is displayed.

2. ISIS/TWAIN Driver Properties Dialog Box

The Properties for Canon DR-3010C dialog box is displayed when you select [Scanner Setting] from the [Scan] menu in CapturePerfect 3.0.
It consists of four tabs: Basic, Brightness, Image processing, and Others.
Specify the settings on each tab as necessary to set the scanning conditions.
For details on each setting, also refer to the Help.



[OK] button
Confirms the settings and closes the dialog box.

[Scan] button
For a TWAIN-compatible application that can perform scanning from the Properties for Canon DR-3010C dialog box, the [Scan] button is displayed instead of the [OK] button. Press [Scan] to scan with the displayed settings.

[Cancel] button
Cancels the settings and closes the dialog box.

[Default] button
Returns the settings to their default values.

[Help] button
Displays Help for the currently open tab or dialog box.

NOTE

If you are using a TWAIN driver, the two extra settings below are displayed on the [Basic] tab and [Image processing] tab. Refer to the Help for details.

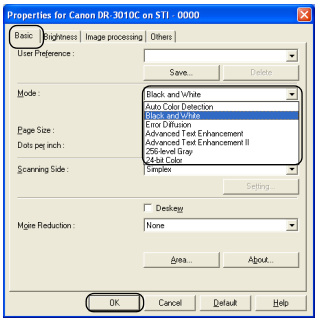
-[Basic] tab: Scan options

-[Image processing]: Black/white inversion

Scan Mode Settings

This section describes the procedure for setting the scan mode to suit your needs.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select the scanning mode from the Mode drop-down list → click [OK].



NOTE

- You can select the following modes, according to the type of document you want to scan. Note that some functions may be restricted, depending on the mode settings.
  - [Auto Color Detection]
    Whether a document is black-and-white or color is detected before the scanned image is saved.
    - When [Auto Color Detection] is enabled, the [Setting] button is enabled for opening the Auto Color Detection dialog box, where you can make settings affecting how color documents are scanned, and select which scanning mode to use for black-and-white documents.
    - Depending on the application program, the operation may become unstable when [Auto Color Detection] is enabled. In this case, [Auto Color Detection] should be disabled.
    - For details, See "Auto Color Detection," on p.41.
  - [Black and White]
    Use this mode to scan text and line drawing documents as black-and-white (binary) images.
  - [Error Diffusion]
    Use this mode to scan documents containing photos as black-and-white (binary) images.
  - [Advanced Text Enhancement]
    Use this mode to scan documents with a dark or non-uniform (pattern) background.
    - If the background is uniform, it is removed where it surrounds the text.
    - If the background is non-uniform, such as a pattern, it is processed to enhance text readability.
  - [Advanced Text Enhancement II]
    Use this mode to scan documents with a light uniform background and low-contrast text.
    - The background in tight spaces around text may not be removed.
    - Documents with low-contrast text can be made more readable by adjusting [Contrast] on the [Brightness] tab.
    - If the background is non-uniform, such as a pattern, the background remains visible in the scanned image, and text may be hard to read.
  - [256-level Gray]
    Scans documents containing photos as grayscale images.
  - [24-bit Color]
    Scans documents containing color photos as full-color images.

- The following tab functions are partially disabled according to the selected mode.

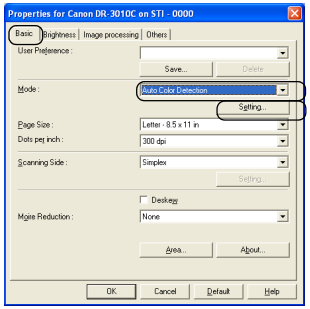
Settings Tab / Scanning Mode	Basic		Image processing				Others	
	Deskew	Moire Reduction	Edge emphasis	Prevent Bleed Through / Remove Background	Black/white reversion (TWAIN driver)	Color Drop-out	Batch Separation (ISIS driver)	Prescan
Auto Color Detection	○	○	○	–	–	–	○	–
Black and White	○	○	○	○	○	○	○	○
Error Diffusion	○	○	○	○	○	○	○	○
Advanced Text Enhancement	○	○	○	–	○	○	○	○
Advanced Text Enhancement II	○	○	–	–	○	○	○	○
256-level Gray	○	○	○	○	–	○	○	○
24-bit Color	○	○	○	○	–	–	○	○

○: Available for setting
–: Not available for setting, or automatically set

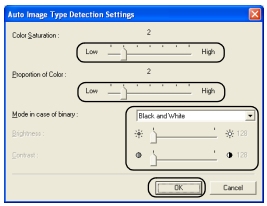
Auto Color Detection

This section describes the procedure for setting the scanner to automatically detect whether a document is in color or black-and-white when scanning.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Auto Color Detection] from the Mode drop-down list → click [Setting].



2 Specify the various settings in the Auto Image Type Detection Settings dialog box → click [OK].



NOTE

The settings you can specify are as follows.

- **[Color Saturation/Proportion of Color]**
  Normally scan with the default values (Color Saturation: 2, Proportion of Color: 2). Change the settings when you want to scan a color document as a black-and-white document.

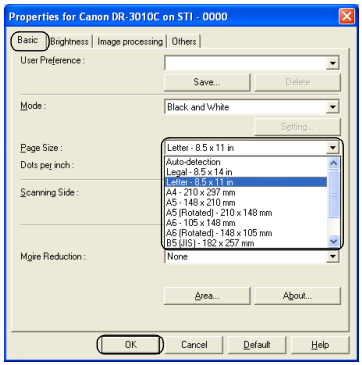
- Color Saturation: Adjust the setting towards <High> when you want to scan a color document with low color saturation as a black-and-white document.
- Proportion of Color: Adjust the setting towards <High> when you want to scan a color document with a low proportion of color as a black-and-white document.

- **[Mode in case of binary]**
  Select the scanning mode when a page is detected as black-and-white.
- **[Brightness]**
  This setting adjusts the brightness when [Advanced Text Enhancement] or [Advanced Text Enhancement II] is selected from the Mode drop-down list. For other modes, the brightness is set from the [Brightness] tab.
- **[Contrast]**
  This setting adjusts the contrast when [Advanced Text Enhancement II] is selected from the Mode drop-down list. For other modes, the contrast is set from the [Brightness] tab.

Paper Size Settings

This section describes the procedure for selecting the size for scanning.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select the page size from the Page Size drop-down list → click [OK].



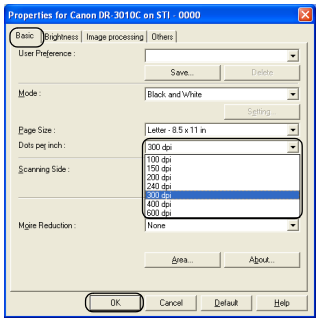
NOTE

- Click [Auto-detection] to scan the following kinds of documents:
  - Documents of undetermined size
  - Documents including mixed page sizes
  - When using the Long Document mode (See "Setting the Long Document Mode," on p.36.)
- When [Auto-detection] is selected, the Area setting from the Scan Area dialog box is disabled.
- Depending on the application, the operation may become unstable when [Auto-detection] is enabled. In this case, [Auto-detection] should be disabled.

Scan Resolution Settings

This section describes the procedure for setting the resolution for scanning.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select the resolution for scanning from the Dots per inch drop-down list → click [OK].



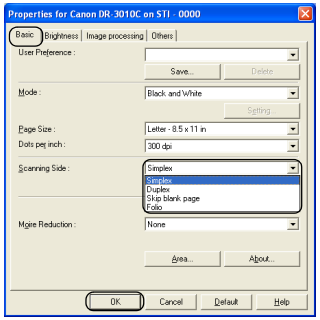
NOTE

- Higher resolutions provide clearer images, but produce larger files.
- When the selected resolution is 300 dpi or less, the Moire Reduction setting is automatically enabled to allow reduction of the moire effect (a shimmering, wavy pattern) in scanned images.

Scanning Side Settings

This section describes the procedure for setting the page side settings for scanning.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select the page side to scan from the Scanning Side drop-down list → click [OK].

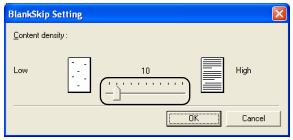


NOTE

- Specify one of the settings below according to the page side setting you want to use.

- **[Simplex]**
  Scan only the front side of documents loaded into the feeder.
- **[Duplex]**
  Scan both sides of documents.

- **[Skip blank page]**
  As each document page is scanned, the scanner detects whether it is blank, and if so, the image is not saved.
  - Selecting [Skip blank page] enables the [Setting] button, which opens the Blank Skip Setting dialog box.
  - Adjust the Content density setting in the Blank Skip Setting dialog box if blank pages are not skipped, or if non-blank pages are skipped.

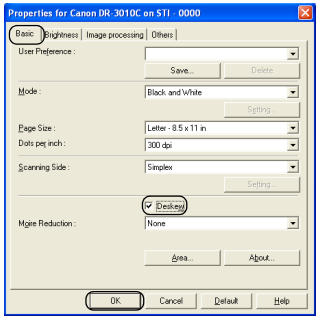


  - The Content density setting should be adjusted according to the document content, so that only blank pages are skipped: increase the setting if they are not skipped, and decrease the setting if non-blank pages are skipped.
  - The Skip Blank Pages function may not work properly if the Custom setting is enabled in the Gamma Settings dialog box.
  - If a scanning side setting (simplex or duplex) is specified in the application settings, select [Simplex].
- **[Folio]**
  Documents that are normally folded in half are scanned on both sides and composed into one image.
  - You cannot select [Folio] if you click [Patchcode] from the Batch Separation drop-down list in the [Others] tab.

Correcting Image Skewing

This section describes the procedure for setting the scanner to detect slanted document pages and straighten the scanned images.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select the [Deskew] check box → click [OK].



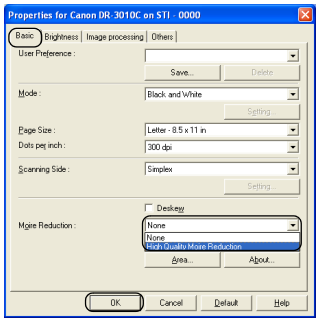
NOTE

Deskewing may not work properly, or cause part of the image to be lost, depending on the document.

Moire Reduction

This section describes the procedure for setting to reduce the moire effect (a shimmering, wavy pattern) that may appear when scanning color documents or scanning in grayscale.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [High Quality Moire Reduction] from the [Moire Reduction] drop-down list → click [OK].



NOTE

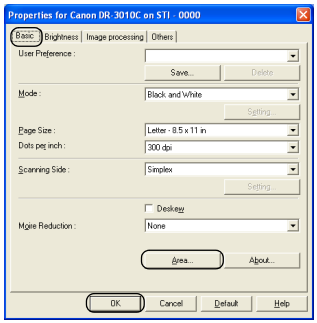
- The [High Speed Moire Reduction] is displayed only when a resolution of 240 dpi or less is selected from the Dots per inch drop-down list.
- The [High Quality Moire Reduction] is displayed only when a resolution of 300 dpi or less is selected from the Dots per inch drop-down list. When a resolution higher than 300 dpi is selected from the Dots per inch drop-down list, [High Quality Moire Reduction] cannot be selected.
- Select one of the following according to the resolution you have set:

- **[None]**
  Do not perform moire reduction.
- **[High Speed Moire Reduction]**
  This mode prioritizes speed, and generates an image of the specified resolution from an image scanned at 300 dpi.
- **[High Quality More Reduction]**
  This mode prioritizes image quality, and generates an image of the specified resolution from an image scanned at 600 dpi. The image quality is higher, but the scanning speed decreases.

Adjusting the Scan Area

This section describes the procedure for scanning part of a document image.

1 Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → click [Area] → click [OK].

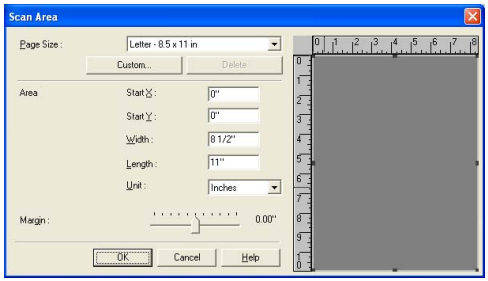


NOTE

The Scan Area dialog box enables you to define the area of the document page to scan on a selected page size, and register nonstandard document page sizes.

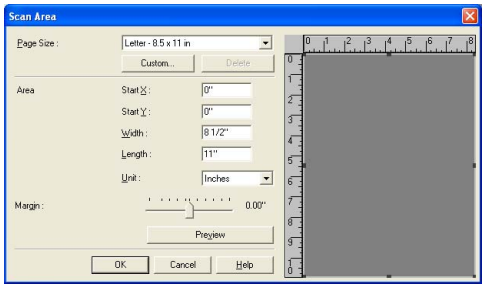
The Scan Area dialog box is different for ISIS and TWAIN drivers. For the TWAIN driver, one of two dialog box types is displayed, depending on the application program used.

Scan Area Dialog Box (ISIS Driver)

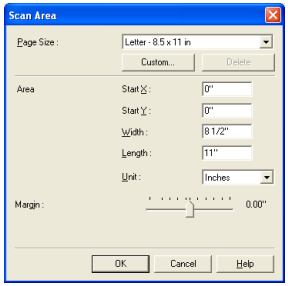


Scan Area Dialog Box (TWAIN Driver)

This dialog box appears with application programs that display the Scan button in the Properties dialog box.



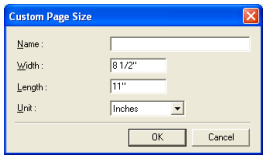
The Area window and Preview button are not displayed when using applications like the Job Registration Tool that display the OK button in the Properties dialog box.



Page Size

This setting is linked to the Page Size setting, for selecting the size of document pages to scan.

- Clicking [Custom] opens the Custom Page Size dialog box, where nonstandard page sizes can be registered as custom page sizes.



Area

Select the area to be scanned. Area settings here are overridden in the following cases:

- When [Auto-detection] is selected from the Page Size drop-down list
- When [Text Orientation Recognition] is enabled in the [Image processing] tab
- When [Deskew] is enabled in the [Basic] tab, the specified area may be displaced when scanning.

Area Window

The size indicated for the Area window corresponds to the page size setting, and the area within the panel indicates the current scanning area.

- The scanning area can be adjusted by dragging the handles bordering the Area window with your mouse.
- When you use CapturePerfect, the last scanned image appears in the Area window.

Margin

This control adjusts the top, bottom, left, and right margins around the scanning area so that you can expand the scanning area to include the edges of a document, or reduce it to avoid black frames around scanned images.

- If the edges of documents are missing from scanned images, move the slider to the right to expand the scanning area.
- To eliminate the black frame around scanned images, reduce the scanning area by moving the slider to the left.
- The measurement units for margins are determined by the Unit setting.

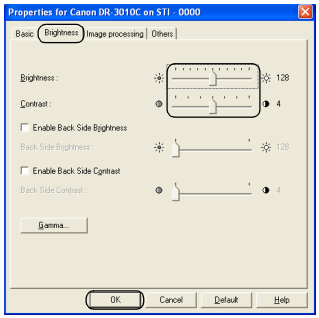
Preview Button (TWAIN driver only)

Click [Preview] to scan one document page and display its preview image in the Area window.

Brightness/Contrast Adjustment

This section describes the procedure for adjusting the brightness and contrast for scanning.

1 Click the [Brightness] tab in the Properties for Canon DR-3010C dialog box → adjust the [Brightness] slider and [Contrast] slider to adjust the brightness and contrast for scanning → click [OK].



NOTE

- The settings you can specify are as follows:

- **[Brightness]**
  Adjusts the brightness of images to be scanned.
  - If images are too dark or if text on the back bleeds through, drag the slider to the right to increase the brightness.
  - If images are too light, drag the slider to the left to decrease the brightness.
- **[Contrast]**
  Adjusts the contrast of images to be scanned.
- **[Used the Back Side Brightness] Check Box**
  If the brightness of the front and back pages of the document are different, select this check box to adjust only the brightness on the back side.
- **[Used the Back Side Contrast] Check Box**
  If the contrast of the front and back pages of the document are different, select this check box to adjust only the contrast on the back side.

- The availability of brightness and contrast settings are as follows, according to the setting selected from the Mode drop-down list in the Basic tab.

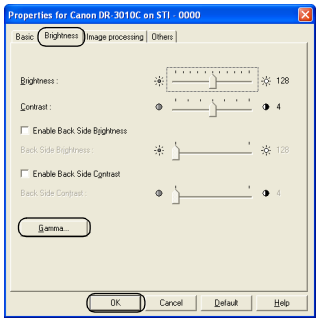
Scanning mode	Brightness	Contrast	Back Side Brightness	Back Side Contrast
Black and White	○	○	○	○
Error Diffusion	○	○	○	○
Advanced Text Enhancement	○	–	–	–
Advanced Text Enhancement II	○	○	–	–
256-level Gray	○	○	○	○
24-bit Color	○	○	○	○
Auto Color Detection	○	○	○	○

○: Available for setting
–: Not available for setting, or automatically set

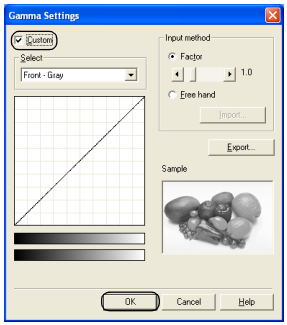
Gamma Curve Settings

This section describes the procedure for adjusting the gamma level for scanning documents.

1 Click the [Brightness] tab in the Properties for Canon DR-3010C dialog box → click [Gamma] → click [OK].



2 Select the [Custom] check box in the Gamma Settings dialog box → specify the settings as necessary → click [OK] → [OK].



NOTE

- When the [Custom] check box in the Gamma Settings dialog box is selected, all settings in the [Brightness] tab are set automatically.

- The settings you can specify are as follows:

- **Select**
  Select the side and color for the custom setting.
  - The color bar and color of the sample image are changed to show the specified color.
- **Input method**
  Select the setting method for gamma correction.
- **[Factor]**
  Move the slider to the left or right to adjust the gamma correction factor between 0.2 and 5.0.
  - The gamma correction value, Gamma Curve Graph, and sample image color are interlinked.
  - Clicking a point in the Gamma Curve Graph with your mouse changes the gamma curve and color of the sample image to match that point.
  - You can also move the gamma curve by dragging it with the mouse.
- **[Freehand]**
  The output value for a particular input value in the gamma table can be specified with the mouse.
  - Click any point in the Gamma Curve Graph to set that point as an output value.
  - Drag the mouse on the Gamma Curve Graph to set the output value according to the mouse movement.
- **[Import]**
  Clicking this button loads gamma table data (*.pxg file) that was previously stored with the Export button.
  - Imported gamma data is reflected in the Gamma Curve Graph.
- **[Export]**
  Clicking this button exports the custom gamma curve settings as a gamma table file (*.pxg).

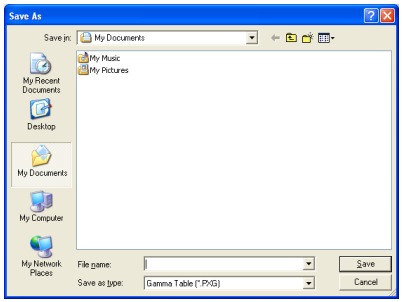
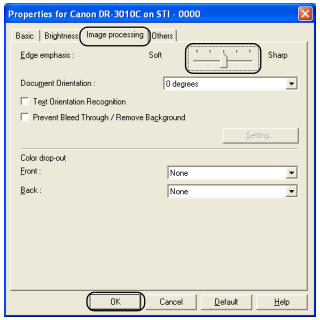


Image Contour Adjustment

This section describes the procedure for adjusting the contours of the scanned image.

1 Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → adjust the Edge emphasis slider to adjust the contours of the scanned image → click [OK].



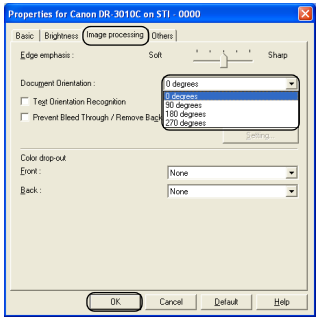
NOTE

Move the slider toward <Soft> to soften the image contours, or toward <Sharp> to sharpen the image contours.

Image Rotation

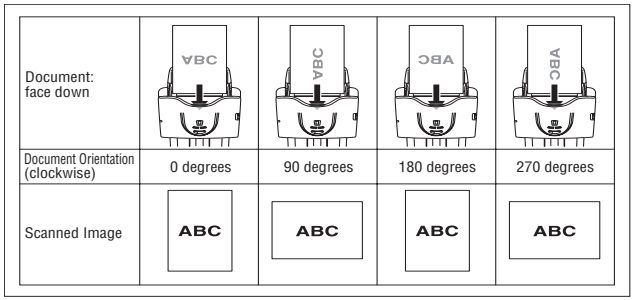
This section describes the procedure for rotating the orientation of the scanned image.

1 Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the angle to rotate the image from the Document Orientation drop-down list → click [OK].



NOTE

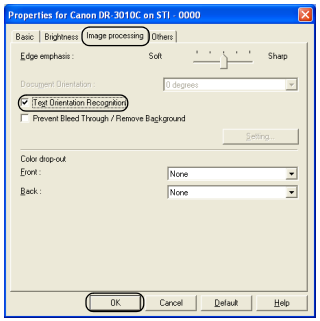
The scanned image will be rotated as follows, according to the orientation of the placed document and the specified angle.



Text Orientation Detection

This section describes the procedure for automatically correcting the orientation of an output image by detecting the direction of the text when scanning.

1 Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the [Text Orientation Recognition] check box → click [OK].



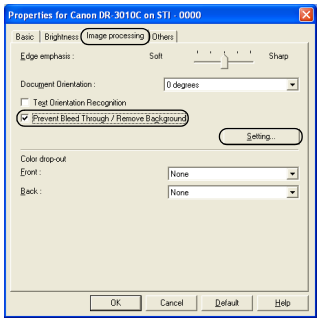
NOTE

- When the [Text Orientation Recognition] check box is selected, the Image Rotation and area settings in the Scan Area dialog box are disabled.
- Some application programs do not support text orientation recognition. Please disable [Text Orientation Recognition] if your application program operates abnormally when it is enabled.

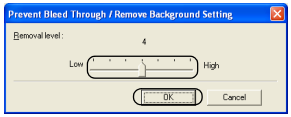
Preventing Bleed Through/Removing the Document Background

This section describes the procedure for setting to reduce bleed through when scanning thin document pages and pages with dark content on the back side, or to remove the background from document images.

1 Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the [Prevent Bleed Through / Remove Background] check box → click [Setting].



2 Adjust the [Removal level] slider to set the level of bleed through prevention or background removal → click [OK] → [OK].



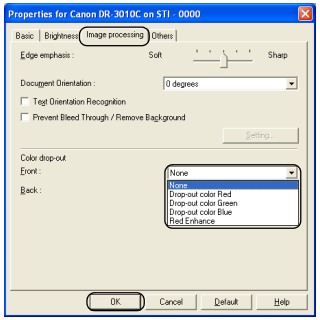
Omitting a Specific Color

This section describes the procedure for setting to omit borders and ruled lines of a specified color (red, green, or blue) from the scanned image.

NOTE

If you select [24-bit Color] or [Auto Color Detection] from the Mode drop-down list in the [Basic] tab, you cannot specify this setting.

1 Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the color to omit from the Front and Back drop-down lists under <Color drop-out> → click [OK].



NOTE

You can specify different settings for the front and back side of the document.

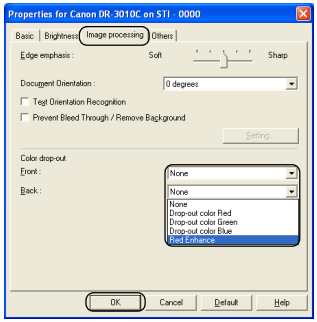
Enhancing the Red Color

This section describes the procedure for setting the scanner to enhance the color red when performing black-and-white scanning.

NOTE

If you select [24-bit Color] or [Auto Color Detection] from the Mode drop-down list in the [Basic] tab, you cannot specify this setting.

1 Click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select [Red Enhance] from the Front and Back drop-down lists under <Color drop-out> → click [OK].



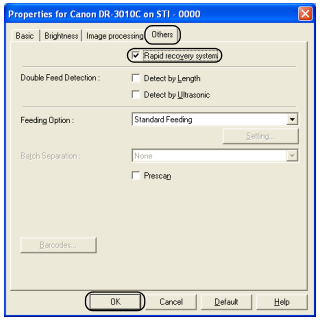
NOTE

You can set specify different settings for the front and back side of the document.

Rapid System Recovery

This section describes the procedure for setting the system recovery method used by the scanner when document feeding stops due to a paper jam or other error during scanning.

1 Click the [Others] tab in the Properties for Canon DR-3010C dialog box → select the [Rapid recovery system] check box → click [OK].



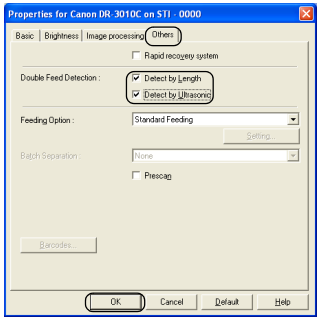
NOTE

If you select [Rapid recovery system] and a paper jam or other error causes document feeding to stop while scanning, scanning stops without sending an error notification to the application program. After you clear the paper jam or resolve the error, you can resume the normal scanning operations.

Double Feed Detection

This section describes the procedure for setting the scanner to stop document feeding when double feeding of document pages is detected.

1 Click the [Others] tab → select the [Detect by Length] or [Detect by Ultrasonic] check box under <Double Feed Detection> according to the set of documents → click [OK].



NOTE

[Detect by Length]

This detection method is effective when scanning documents of the same size. It detects double-feeding when a document is 2.0" (50 mm) longer or 2.0" (50 mm) shorter than the standard length (the length of the first document). Feeding is stopped when a double-feed is detected.

[Detect by Ultrasonic]

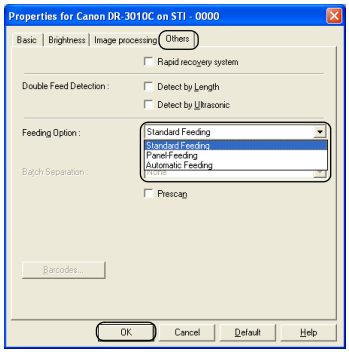
This detection method is effective when scanning documents of different sizes. It uses ultrasonic waves to detect the gap between documents when more than two sheets of paper are fed at the same time. Feeding is stopped when a double-feed is detected.

- The two detection methods can be used at the same time.
- When the documents overlap by less than 2.0" (50 mm) or are stuck together due to static electricity, double-feeding may not be able to be detected correctly using Detect by Ultrasonic.
- The [Detect by Ultrasonic] check box cannot be selected when scanning folded documents.

Feeding Options

This section describes the procedure for selecting the method for feeding documents.

1 Click the [Others] tab in the Properties for Canon DR-3010C dialog box → select the document feeding method from the Feeding Option drop-down list → click [OK].



NOTE

- Details of each feeding method are indicated below.

[Standard Feeding]

This feeding method is good for scanning small batches of documents that are placed one batch at a time. Scanning stops when the documents have been scanned.

[Panel-Feeding]

This feeding method is good for scanning batches of documents of different sizes. After placing the documents, press the Start button on the Scan Panel to start scanning, and press the assigned Stop button to stop scanning.

- When scanning documents with different sized pages, after placing the documents, you can adjust the document guide position.

[Automatic Feeding]

This feeding method is good for scanning batches of the same sized documents. Scanning starts when the scanner detects the placed documents, and stops when you press the Stop button.

- When [Automatic Feeding] is selected, the Setting button is enabled to allow setting the delay time from when a placed document is detected to when scanning starts. The delay time can be set from 0 to 60 seconds.

Batch Separation (ISIS driver only)

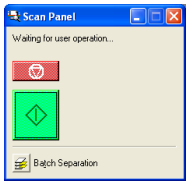
When the separation timing to use when scanning starts with batch separation enabled in the application. (If [Standard Feeding] is selected, batch separation is disabled.)

[Auto]

Document batches are separated automatically.

[Panel]

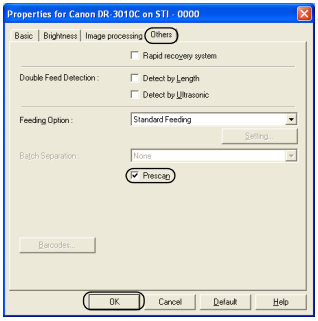
Document batches are separated when [Batch Separation] on the Scan Panel is pressed. (See "Using the Scan Panel," on p.30.)



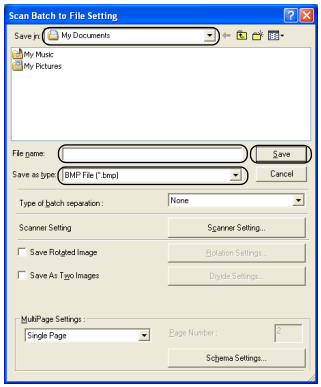
Prescan

This section describes the procedure for checking a scanned image and adjusting the brightness and contrast accordingly.

1 Click the [Others] tab in the Properties for Canon DR-3010C dialog box → select the [Prescan] check box → click [OK].

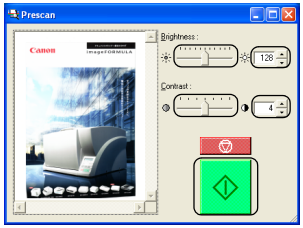


2 From the [Scan] menu, select [Scan Batch to File]. Specify the location, file name, and file format to save the image → click [Save] to start scanning.



When scanning is complete, the Prescan window is displayed.

3 Check the preview image displayed in the Prescan window → adjust [Brightness] and [Contrast] as necessary using the sliders or up/down buttons → click ◇ (Start) to save the scanned image.



NOTE

The Prescan window is for scanning after adjusting the brightness and contrast, according to the scanned results of the first document. You can enlarge the image displayed in the Prescan window. (Left-click the image displayed in the window to enlarge it, and right-click the image displayed in the window to reduce it.)

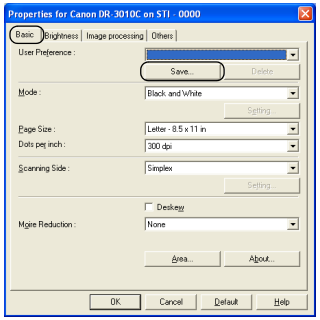
If you change the brightness and contrast values, the image displayed in the window reflects these new values. Click the Start button to start scanning with the adjusted brightness and contrast. Click the Stop button to stop scanning.

Registering Scanning Conditions

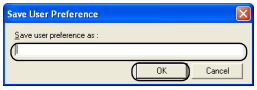
This section describes the procedure for registering specified scanning conditions.

1 Specify the scanning conditions as necessary in the [Basic], [Brightness], [Image processing], and [Others] tabs in the Properties for Canon DR-3010C dialog box.

2 Click the [Basic] tab → click [Save].



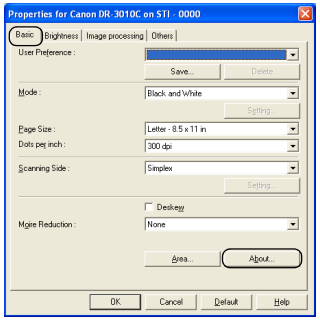
3 In the Save User Preference dialog box, enter a name in the [Save user preference as] text box → click [OK].



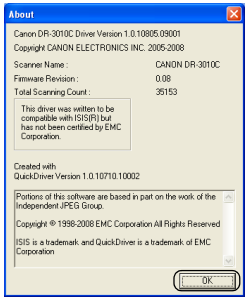
Checking the Version

This section describes the procedure for checking the version of the ISIS/TWAIN driver you are currently using.

1 Click the [Basic] tab in the Properites for Canon DR-3010C dialog box → click [About].



2 Check the content of the About dialog box → click [OK] → [OK].



Chapter 5 Job Registration Tool Settings

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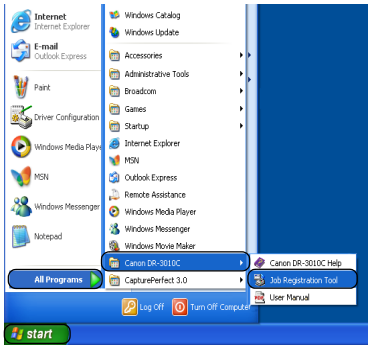
1. Starting the Job Registration Tool

The Job Registration Tool is a TWAIN-compliant application program that installs with the ISIS/TWAIN driver, and is used to register jobs that can be executed by the operation panel. Use the following procedure to start the Job Registration Tool.

1 From the Windows task bar, click [Start] → [All Programs] → [Canon DR-3010C] → [Job Registration Tool].

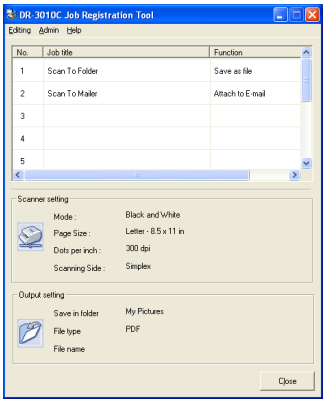


2. Job Registration Tool Settings Dialog Box

The Job Registration Tool Settings dialog box provides access to the New/Editing and Admin dialog boxes. The New/Editing dialog box provides access to the function setting dialog boxes.

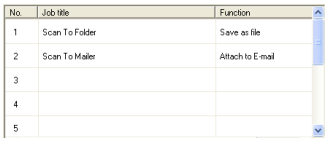
Job Registration Tool Dialog Box

This dialog box appears when the Job Registration Tool is started from the Windows Start menu.



Registered Job List

Displays the number of the registered jobs and their currently assigned settings. Click the job from the currently registered job list → select [New/Editing] from the [Editing] menu to display the New/Editing dialog box.

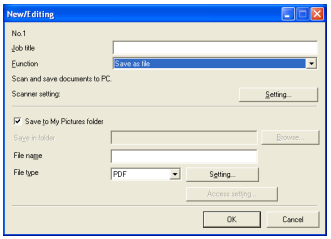


[Close] Button

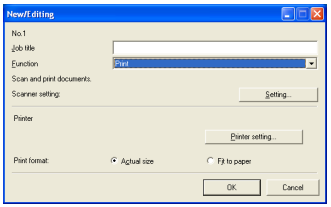
Closes the Job Registration Tool dialog box.

New/Editing Dialog Box

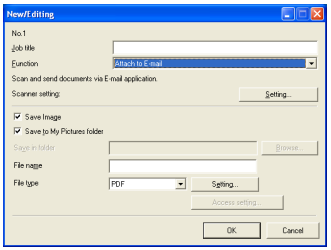
The New/Editing dialog box appears when you click a job in the Job Registration Tool dialog box or click [New/Editing] from the [Editing] menu.
The New/Editing dialog box appears as follows, depending on the function settings registered to the job.



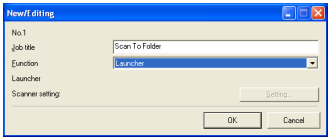
Save as File



Print



Attach to E-mail



Launcher

Settings Common to Each Function

■ **Job Number [No. 1 to No. 9]**
Displays the selected job number. Settings are registered to the job with the displayed number.

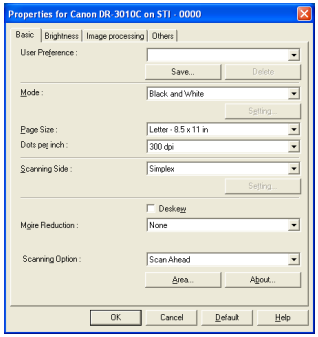
■ **[Job title]**
Enter the job title to be displayed for [Job title] in the Job Registration Tool dialog box.

- Job titles may consist of up to 40 alphanumeric characters.

■ **[Function]**
Select the function to set for each job.

- When you change functions, the New/Editing dialog box is changed.

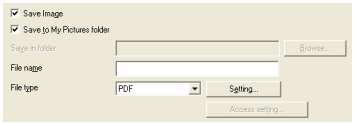
■ **Scanner setting**
When the [Save as file], [Print], or [Attach to E-mail] is selected from the Function drop-down list, scanner settings are enabled, and you can press [Setting] to specify scanner settings.



NOTE

For more information on the scanner settings, see Chapter 4, "ISIS/TWAIN Driver Settings," on p.38.

Settings to Save Image Files



■ **[Save Image] Check Box**

This check box appears when [Attach to E-mail] is selected from the Function drop-down list. Select this check box to save scanned images to a folder that you specify.

■ **[Save to My Pictures folder] Check Box**

Saves image files to [My Pictures] in the [My Documents] folder.

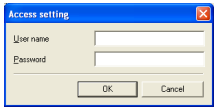
- When this check box is not selected, [Save in folder] and [Access setting] are enabled.

■ **[Save in folder]**

When the [Save to My Pictures folder] check box is not selected, this text box is enabled for you to enter a folder name in which to save scanned images. You can also select a folder by clicking [Browse].

■ **[Access setting] Button**

This button is enabled when the [Save to My Pictures folder] check box is not selected, allowing you to enter the user name and password required to access the shared network folder specified for [Save in folder].



NOTE

- Access to shared network folders may be restricted to users with certain access permission. In this case, users cannot access the shared folder without entering the correct user name and password.
- Confirm the access rights for the shared network folder with the network administrator, and then enter the user name and password.

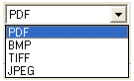
■ **[File name]**

Enter a name for the files to save.

- File names may consist of up to 32 alphanumeric characters.
- A time stamp (YYYYMMDDHHmmSSMMM) is automatically appended to the indicating the time of scanning.
  Example for a file with the name "Sample" scanned on May 24, 2008 at 9:16 pm and 32.836 seconds: Sample20080524211632836.pdf

■ **[File type]**

Select the file format for saved files from the File type drop-down list.

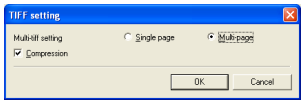


Selecting [TIFF] , [PDF] , or [JPEG] enables the [Setting] button.

■ **[Setting] Button**

This button is enabled to display the corresponding setting dialog box when the TIFF, PDF, or JPEG file format is selected.

■ **TIFF setting Dialog Box**



■ **[Multi-tiff setting]**

Select the method for saving image files when scanning multipage documents.

- Select [Single page] to save each page in its own image file.
- Select [Multi-page] to save all pages in one image file.

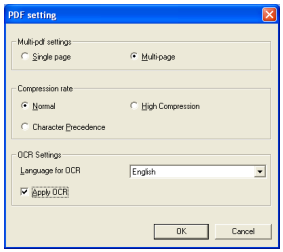
■ **[Compression] Check Box**

Select this check box to compress images saved to files. Black-and-white (binary) images are compressed in CCITT Group 4 format, and grayscale and color images in JPEG format. When this check box is not selected, the saved files are larger.

- CCITT Group 4: This compression format was designed for data communications (such as with fax devices) of black-and-white (binary) images.
- JPEG: This compression format is for saving grayscale and color images. When the [Compression] check box is selected, a standard level of JPEG compression is applied.

- If your application program does not support the above compression formats, you may be unable to open scanned image files. In this case, disable [Compression] when scanning.

■ **PDF setting Dialog Box**



■ **[Multi-pdf settings]**

Select the method for saving PDF files when scanning multipage documents.

- Select [Single page] to save each page in its own PDF file.
- Select [Multi-page] to save all pages in one PDF file.

■ **[Compression rate]**

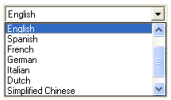
Select the compression rate for PDF files.

- Select [Normal] to save files with standard compression.
- Select [High Compression] to save files with high compression. Although file size is reduced, image quality may be slightly degraded.
- Select [Character Precedence] to save files by compressing the file without compressing the text to maintain the text's readability.

The Compression rate setting is enabled when the scanner is set to '256-level Gray' or '24-bit Color'. When [Black and White] or [Error Diffusion] is selected from the Mode drop-down list, the file size depends on the content of the scanned document.

■ **[Language for OCR]**

When the [Apply OCR] check box is selected, the target language for OCR can be selected from the Language for OCR drop-down list.



NOTE

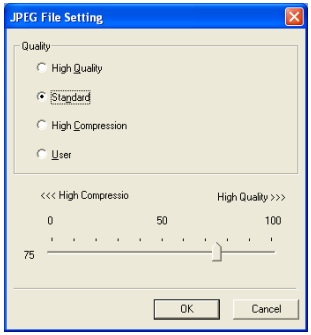
Chinese OCR with the Simplified Chinese or Traditional Chinese setting requires a Chinese language environment to display properly.

■ **[Apply OCR] Check Box**

Select this check box to enable recognition of the text within images and to save the recognized text data with the image.

- Characters within document images are recognized as text and saved as appended text data in PDF (*pdf) files.

■ **JPEG File Setting Dialog Box**



■ **[Quality]**

Select the balance between high compression and high quality. The files size gets larger for a higher image quality because the compression ratio is lower. The default setting is 'Standard'.

- [High Quality]: Prioritizes the image quality over the compression ratio. The compression ratio is 90.
- [Standard]: This is for standard compression. The compression ratio is 75.
- [High Compression]: Prioritizes the compression ratio over image quality. The compression ratio is 10.
- [User]: Use to specify the compression ratio from 0 to 100 using the slide bar.

Settings to Print Scanned Images

■ **[Printer]**
Shows the printer to use for printing images. Click [Printer setting] to change the printer settings.

■ **[Print format]**
Select whether to resize images for printing.

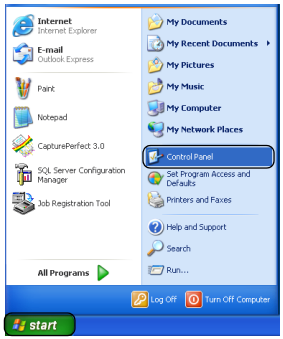
- Select [Actual size] to print images in the same size as their original documents.
- Select [Fit to paper] if the scanned documents are larger than the printer paper, to resize the images to the printer paper size.

■ **Buttons**
[OK]
Click this button to accept the setting changes and return to the Job Registration Tool dialog box.
[Cancel]
Click this button to reject the setting changes and return to the Job Registration Tool dialog box.

Setting the Launcher

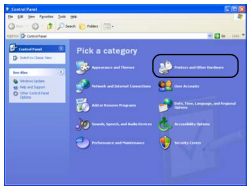
If the ISIS/TWAIN-compatible application is registered as an event, and the job is registered in [Launcher] in the [New/Editing] dialog box, you can perform scanning with an application by pressing the Start key on the scanner. The following describes how to register ISIS/TWAIN-compatible applications as events.

1 From the Windows task bar, click [Start] → [Control Panel].

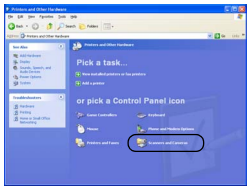


2

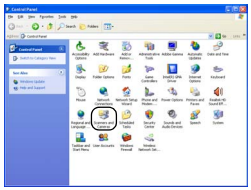
If the Control Panel is displayed with the Category View, click [Printers and Other Hardware] in the working field → click [Scanners and Cameras].
If the Control Panel is displayed with the Classic View, double-click [Scanners and Cameras].



Control Panel (Category View)



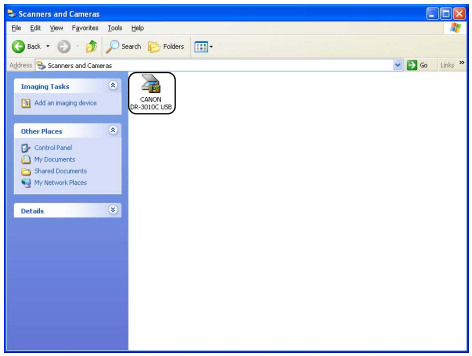
Printers and Other Hardware



Control Panel (Classic View)

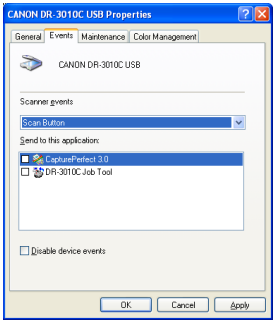
3

Right-click [CANON DR-3010C USB] → click [Properties].



4

Click [Events] tab → select [Scan Button] in [Scanner events].

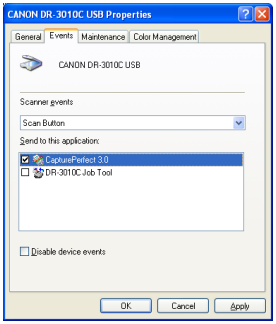


IMPORTANT

- **Do not change the settings by selecting [Job Tool] in [Scanner events]. The job function may not run normally.**
- **Do not enable [Disable device events]. The job function will not run correctly.**

5

Select the check box of applications displayed in the [Send to this application] list.



IMPORTANT

Do not select [DR-3010C Job Tool] displayed in the [Send to this application] list. The job function will not run correctly.

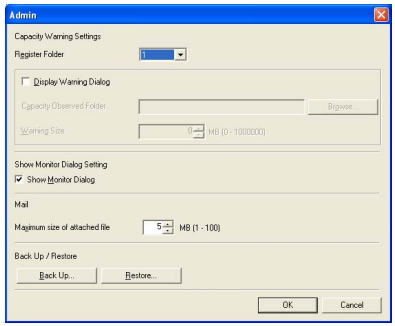
NOTE

- If multiple applications are selected, the [Select Application] dialog box is displayed when the Start key of the scanner is pressed, and you can select the application to execute scanning.
- Applications displayed in [Send to this application] are only the applications compatible with the Events Function. However, the processes may not run correctly depending on the application. For more information, contact the manufacturer of the application you are using.

6 Click [OK].

Admin Dialog Box

This dialog box appears when you select [Admin setting] from the [Admin] menu in the Job Registration Tool dialog box. You can set Capacity Warning Settings, Show Monitor Dialog Setting, Maximum size of attached file, and Back Up / Restore.



Settings for Monitoring the Folder for Saved Images

■ **[Capacity Warning Settings]**

The capacity warning settings enables you to specify in advance the folder for saving image files, and the space to be available for saving files. If the space required to save a file exceeds the specified warning size, a warning message appears when starting to scan or during scanning.

- A warning size (capacity) can be specified for up to five folders. To register a warning size for a folder, click the number (1 to 5) of the folder from the Register Folder drop-down list.

■ **[Display Warning Dialog] Check Box**

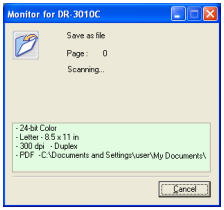
Select this check box when you want to limit the space available in a destination folder by registering the folder number and specifying a warning size.

■ **[Capacity Observed Folder]**
Specify a folder to monitor for available space.

■ **[Warning Size]**
Enter the maximum total size for all files saved to the specified folder.
- When saving to removable storage media such as a CD-R, specify the maximum capacity of the media.
- When folder monitoring ([Display Warning Dialog]) is enabled, a warning message appears when starting to scan if the total size of the files in the specified folder exceeds the specified limit.
- If a warning message appears, follow the instructions in the message to either continue scanning or change the save destination before continuing scanning.

Monitor Job Dialog Settings

■ **[Show Monitor Dialog] Check Box**
Select this check box to display the Monitor for DR-3010C dialog box to display job progress while scanning.

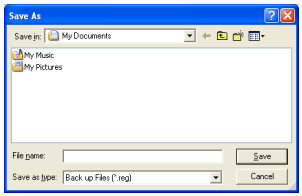


Setting the Maximum Size of E-Mail Attachments

■ **[Maximum size of attached file] Box**
Specify the maximum image file size that can be attached to an e-mail message when [Attach to E-mail] is selected from the Function drop-down list. When the scanned image size reaches the specified maximum, a message appears and scanning stops.
- **The maximum size of attached files must not exceed the limit determined by the mail server. Ask your e-mail system administrator for the attachment size limit of the mail server.**

Job Backup Settings

■ **[Back Up] Button**
Writes a backup file (*.reg) of registered job data to the specified folder.



■ **[Restore] Button**
Restores the job data from a stored backup file (*.reg).
If a currently registered job number is the same as that of an existing backup file, the existing backup file is overwritten by the registered job.

■ **Buttons**
[OK]
Click this button to accept changes and return to the Job Registration Tool dialog box.
[Cancel]
Click this button to reject changes and return to the Job Registration Tool dialog box.

Printing Registered Jobs

You can print the registered jobs list in the printing dialog box displayed by clicking [Print] in the [Admin] menu. The size of the document printed is approx. 2.1" x 3.4" (54 mm x 86 mm).

No.	Job title	Function
1	Scan To Folder	Save as file
2	Scan To Mailer	Attach to E-mail
3	Correct the Color and Ang...	Save as file
4		
5		
6		
7		
8		
9		

NOTE

As shown in the job number 3 diagram, the end of job titles with a text string that is too long are abbreviated with '...'.

Chapter 6 Maintenance

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Removing/Attaching the Feed Roller 69
Removing/Attaching the Retard Roller 71
Removing/Attaching the Document Holding Guide 73
Resetting the Counter 74

1. Regular Maintenance

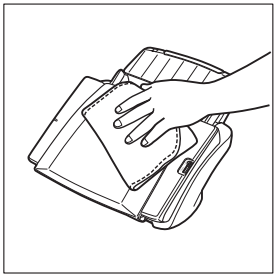
Clean the scanner on a regular basis, as described below, to maintain peak scanning quality.

CAUTION

- **When cleaning the scanner and the inside of the scanner, turn OFF the power switch and disconnect the power cord from the power outlet.**
- **Do not use spray cleaners to clean the scanner. Precision mechanisms, such as the light source, may get wet, and cause a 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 electrical shock.**

Cleaning the Scanner

To clean the exterior of the scanner, dampen a cloth with water or a mild detergent, wring the cloth out thoroughly, and then wipe the dirt away. Then use a dry, soft cloth to wipe away any moisture.



Cleaning the Inside of the Scanner

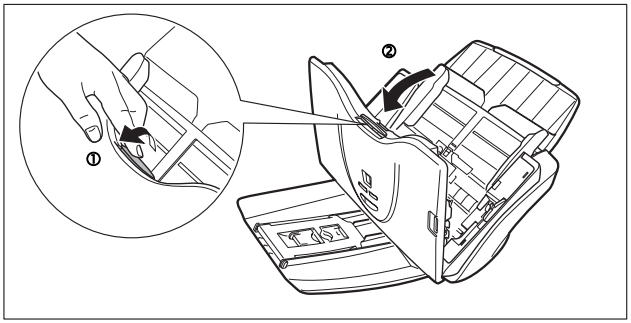
Dust or paper particles inside the scanner may cause lines or smudges to appear on scanned images. Use compressed air to periodically clean dust and paper particles from the document feed opening and the inside of the scanner. After finishing a large scanning job, turn OFF the scanner and then clean out any paper particles remaining inside the scanner.

Cleaning the Sensor Glass and the Rollers

If scanned images contain streaks, or if the scanned documents become dirty, the sensor glass or rollers inside the scanner may be dirty. Clean them periodically.

1 Open the document eject tray. (See p.21.)

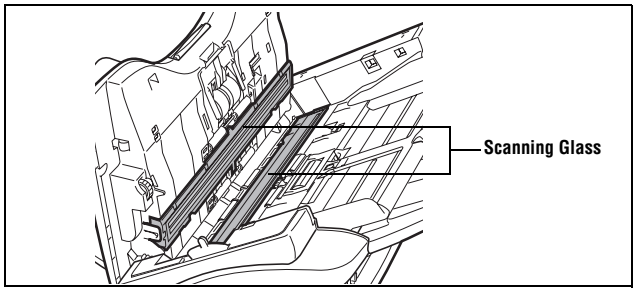
2 Press the OPEN button (①) while pulling the front unit open (②).



3 Use compressed air to remove dust and paper particles from the inside of the scanner.

4 Use a clean dry cloth to wipe dirt off the sensor glass.

Wipe both the front and back sensor glasses.



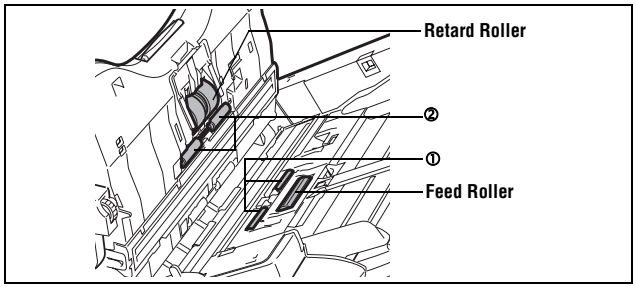
CAUTION

Do not spray water or neutral detergent directly on the scanner. Precision mechanisms, such as the light source, may get wet, and cause a malfunction.

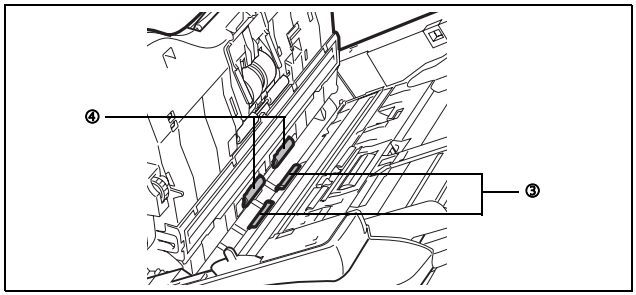
IMPORTANT

Scratches on the sensor glass may cause marks on the images, as well as feeding errors. If there are scratches on the sensor glass, contact your local authorized Canon dealer or service representative.

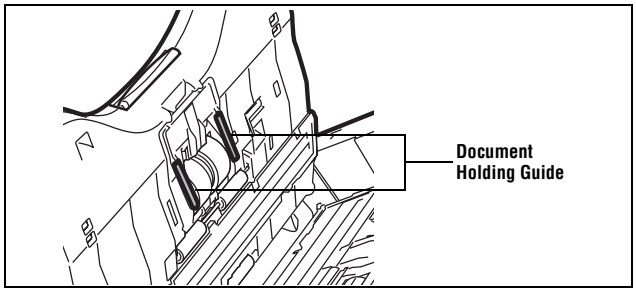
5 Clean the ① rollers by wiping the exposed part without turning them. Clean the ② rollers while turning them. Wipe the rollers with a cloth that has been dampened with water and thoroughly wrung out, and then use a dry, soft cloth to wipe away any moisture.



6 Clean the ③ rollers by wiping the exposed part without turning them. Clean the ④ rollers while turning them. Wipe the rollers with a cloth that has been dampened with water and thoroughly wrung out, and then use a dry, soft cloth to wipe away any moisture.



7 Wipe the document holding guide with a cloth that has been dampened with water and thoroughly wrung out.

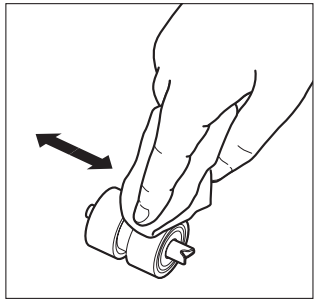


8 Remove the feed roller and retard roller. (See p.69 and p.71.)

IMPORTANT

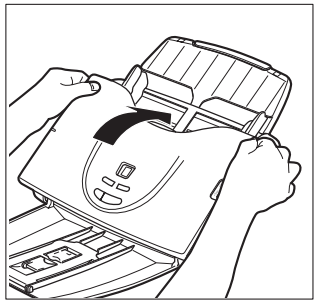
Remove the feed roller and retard roller from the scanner to clean them, and make sure to reattach them to the scanner when cleaning is finished.

9 Wipe the removed rollers with a cloth that has been dampened with water and thoroughly wrung out.



10 Reattach the feed roller and retard roller. (See p.70 and p.72.)

11 Close the front unit by gently pushing it up on both sides until it clicks into place. Make sure that the front unit is completely closed by pushing until you hear a click.



12 Close the document eject tray.

2. Removing and Attaching the Rollers and Document Holding Guide

To clean or replace the feed roller, retard roller, or document holding guide, remove and then attach the parts as described in each respective section.

CAUTION

Do not use excessive force when removing or attaching the rollers and document holding guide. Doing so many damage them.

Roller Replacement Cycle

When the rollers have fed more than 100,000 pages, a roller replacement message appears on the computer. Purchase an exchange roller kit and replace the feed roller, the retard roller, and the document holding guide.

IMPORTANT

- **Rollers are consumable parts. When the rollers start to wear out, paper jams and misfeeds may occur more often. When this happens, purchase an exchange roller kit and replace the feed roller and the retard roller.**
- **If misfeeds occur often, check the rollers for wear, and replace them if necessary before the message is displayed.**
- **Make sure to reset the counter after replacing the rollers. (See "Resetting the Counter," on p. 74.)**
- **For information about the exchange roller kit (feed roller, retard roller, and the document holding guide), contact your local authorized Canon dealer or service representative.**

Removing/Attaching the Feed Roller

To remove or attach the feed roller, follow the procedure below.

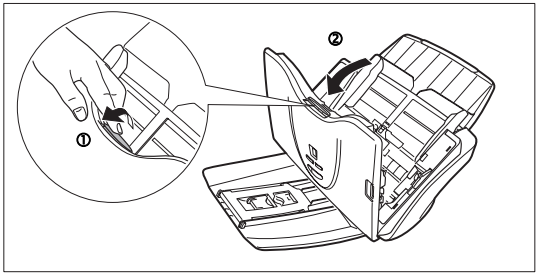
CAUTION

Use caution when removing or attaching the feed roller. Using excessive force may cause damage or personal injury.

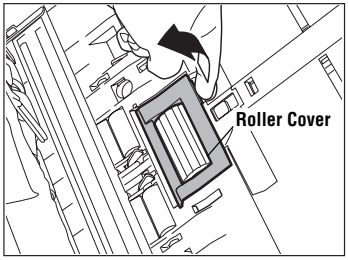
Removing the Feed Roller

1 Open the document eject tray. (See p.21.)

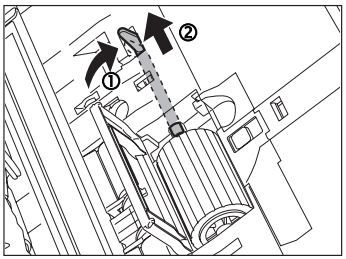
2 Press the OPEN button (①) while pulling the front unit open (②).



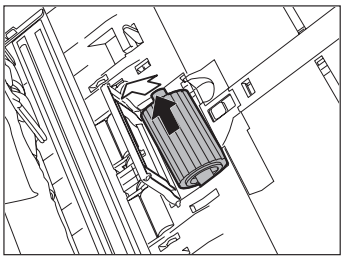
3 Open the roller cover by placing your fingers in the grooves and pulling it down.



4 Lift up the roller fixing lever (①), and slide it to the left (②).

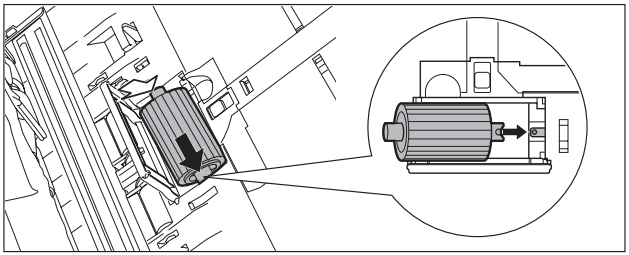


5 Remove the feed roller by moving it to the left to detach it from its shaft, and pull it out of the slot.

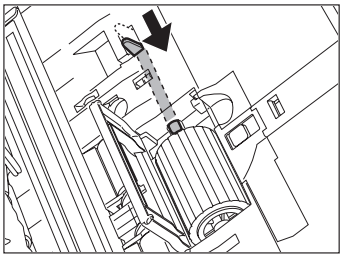


Attaching the Feed Roller

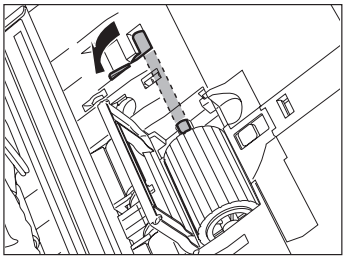
1 Insert the feed roller into the slot inside the roller cover, and align the notch on the roller with the shaft on the main unit.



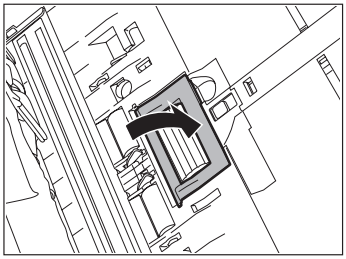
2 Slide the roller fixing lever to the right to lock the roller into the hole on the left of the feed roller.



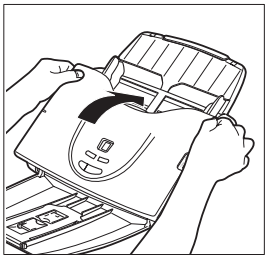
3 Push down the lever to lock the shaft of the feed roller into place.



4 Close the roller cover. Make sure that the cover is completely closed by pushing until you hear a click.



5 Close the front unit by gently pushing it up on both sides until it clicks into place. Make sure that the front unit is completely closed by pushing until you hear a click.



6 Close the document eject tray.

Removing/Attaching the Retard Roller

To remove or attach the retard roller, follow the procedure below.

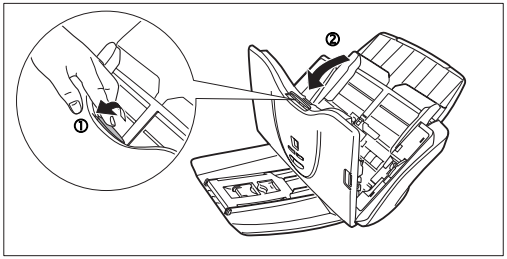
CAUTION

Use caution when removing or attaching the retard roller. Using excessive force may cause damage or personal injury.

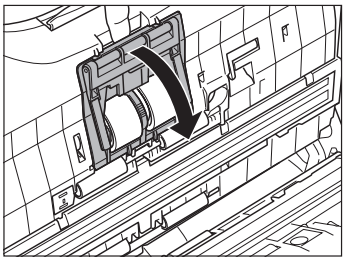
Removing the Retard Roller

1 Open the document eject tray. (See p.21.)

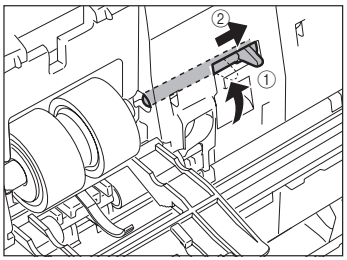
2 Press the OPEN button (①) while pulling the front unit open (②).



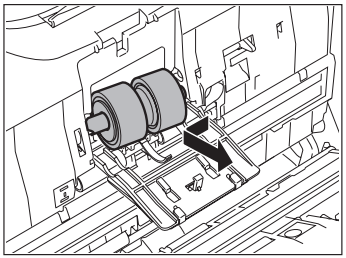
3 Open the roller cover inside the front unit using your finger.



4 Lift up the roller fixing lever (①), and slide it to the right (②).

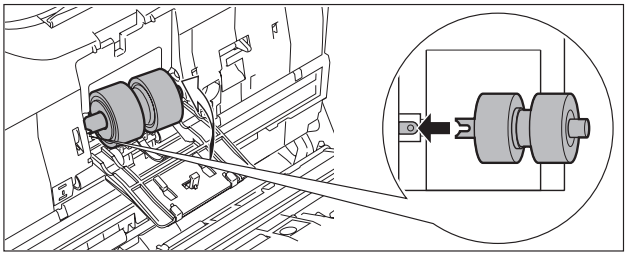


5 Remove the retard roller by moving it to the right to detach it from its shaft, and pull it out.

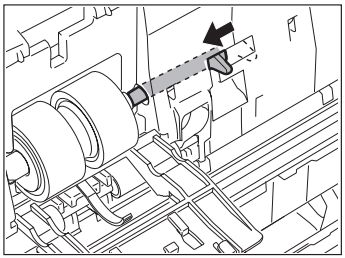


Attaching the Retard Roller

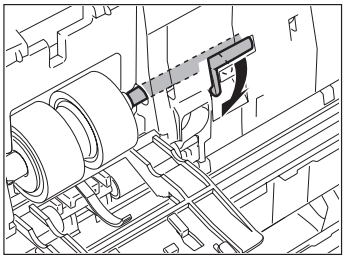
1 Insert the retard roller into the slot inside the roller cover, and align the notch on the roller with the shaft on the front unit.



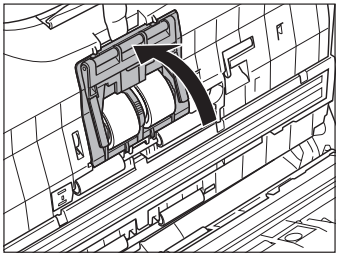
2 Slide the roller fixing lever to the left to lock the roller into the hole on the left of the retard roller.



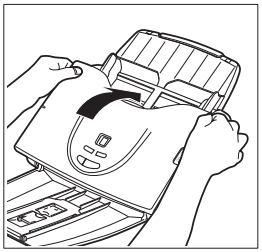
3 Push down the lever to lock the shaft of the feed roller into place.



4 Close the roller cover. Make sure that the cover is completely closed by pushing until you hear a click.



5 Close the front unit by gently pushing it up on both sides until it clicks into place. Make sure that the front unit is completely closed by pushing until you hear a click.



6 Close the document eject tray.

Removing/Attaching the Document Holding Guide

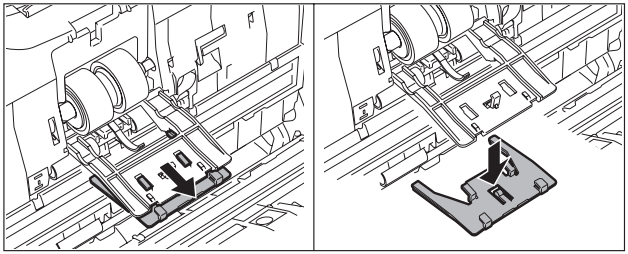
To remove or attach the document holding guide, follow the procedure below.

CAUTION

Use caution when removing or attaching the document holding guide. Using excessive force may cause damage or personal injury.

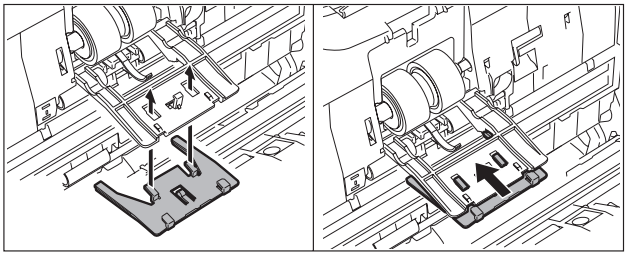
Removing the Document Holding Guide

1 Open the roller cover, and slide the document holding guide to remove it.



Attaching the Document Holding Guide

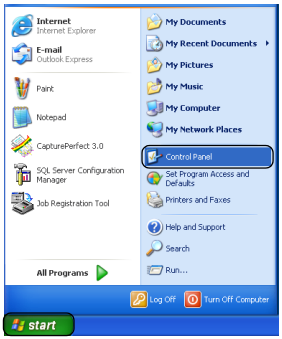
1 Fit the hooks (four) of the document holding guide onto the roller cover, and slide the document holding guide to attach it.



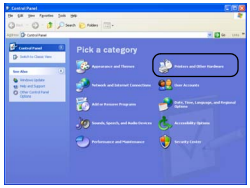
Resetting the Counter

After replacing the feed rollers, open the counter settings dialog box and reset the counter.

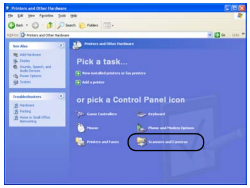
1 From the Windows task bar, click [Start] → [Control Panel].



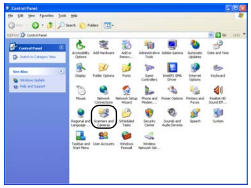
2 If the Control Panel is displayed with the Category View, click [Printers and Other Hardware] in the working field → click [Scanners and Cameras].
If the Control Panel is displayed with the Classic View, double-click [Scanners and Cameras].



Control Panel (Category View)

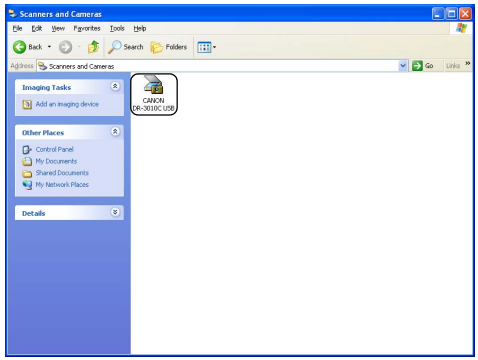


Printers and Other Hardware

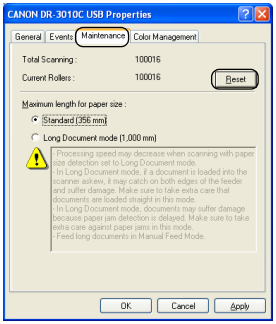


Control Panel (Classic View)

3 Right-click [CANON DR-3010C USB] → click [Properties].



4 Click the [Maintenance] tab → [Reset].



5 Confirm that the counter for the selected roller is set to 0 → click [OK].

Chapter 7 Troubleshooting

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3. Removing the Document Feed Tray 81

1. Troubleshooting

This section describes the possible problems that might occur during use of the scanner and how to solve them.
Refer to the references below that correspond with any problems that you might encounter.

The Scanner Does Not Turn ON ..... P. 75
The Scanner Is Not Recognized ..... P. 75
Slow Scanning Speed ..... P. 76
Scanning Is Not Performed ..... P. 76
Documents Do Not Feed Properly ..... P. 76
Saved Image Files Do Not Open ..... P. 77
Scanning Results Are Not as Expected ..... P. 77
An Error Code Is Displayed on the Display Panel ..... P. 78

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

× The Scanner Does Not Turn ON

Check the following if the scanner does not turn ON:

- Is the power switch turned ON?
- Is the power cord connected correctly?
- Is the power cord inserted into the power outlet?

For details on connecting the power cord, see "Chapter 2 Setup - Connecting the Scanner to the Computer," on p.16.

× The Scanner Is Not Recognized

The following are possible causes of the PC failing to recognize the scanner. Check each possible cause.

Problem	**The scanner is not connected correctly**
Solution	Make sure that the scanner and the computer are connected correctly with the USB cable. (See "Chapter 2 Setup - Connecting the Scanner to the Computer," on p.16.)

Problem	**The scanner power is switched OFF.**
Solution	Make sure that the scanner is switched ON. If the scanner is OFF, turn the scanner ON. (See "Chapter 2 Setup - Connecting the Scanner to the Computer," on p.16.)

Problem	**The scanner does not support your USB interface.**
Solution	This product is not guaranteed to operate with all types of USB interfaces. Contact your local authorized Canon dealer or service representative for more information.

Problem	**The scanner does not support the USB cable.**
Solution	Use the USB cable provided with the scanner.

Problem	**The USB hub is not compatible with the scanner.**
Solution	Remove the USB hub.

× Slow Scanning Speed

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

Problem	**Other applications are running in the background on your PC.**
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 port you are using does not support Hi-Speed USB 2.0.**
Solution	Scanning speeds are slower if your computer's standard USB interface is not compatible with Hi-Speed USB 2.0. (See p.12.) Use a computer that is equipped with USB that is compatible with Hi-Speed USB 2.0 as standard.

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.

× Scanning Is Not Performed

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

- Has the scanner been properly recognized by 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 PC 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. Reinstall 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 10 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.**

× Documents Do Not Feed Properly

The following are possible causes of a document failing to feed properly. Check each possible cause.

Problem	**Static electricity 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 pages. (See "Feeding in the Page Separation Mode," on p.22.)

Problem	**Attempting to scan a document of a size, thickness, or weight that the scanner cannot scan.**
Solution	Check the size, thickness, and weight of the document. For information on the type of documents that you can use with the scanner, see "1. Documents," on p.19.

Problem	**The rollers inside the scanner are dirty or worn.**
Solution	Clean the rollers. (See p.67.) If the rollers are worn, then they need to be replaced. Contact your local authorized Canon dealer or service representative to purchase a roller replacement kit.

For information on removing jammed documents, see "6. Handling Paper Jams/ Double Feed Detection," on p.34.

× 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. Confirm the status, and use one of the following solutions to handle the problem.

Symptoms	**A multipage 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 multipage TIFF files.
Solution	Open the file with an application that supports multipage 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 (for example, 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 set incorrectly.
Solution	If the image is dark, click the [Brightness] tab in the Properties for Canon DR-3010C dialog box → drag the <Brightness> slider to the right to increase the Brightness setting, or if the image is faint, drag the <Brightness> slider to the left to decrease the Brightness setting.

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	Click the [Brightness] tab in the Properties for Canon DR-3010C dialog box → drag the <Brightness> slider to the right to increase the Brightness setting. If the paper is too thin, make a copy of the documents and then scan the copy. Alternatively, click the [Image processing] tab in the Properties for Canon DR-3010C dialog box → select the [Prevent Bleed Through / Remove Background] check box.

Symptoms	**Double-sided scanning is not possible.**
Problem	The Scanning Side drop-down list is set to 'Simplex'.
Solution	Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select [Duplex] from the Scanning Side drop-down list.

Symptoms	**The scanned image is skewed.**
Problem	The document has been fed at an angle (skew).
Solution	Use the document guide adapter to prevent document skew. Click the [Basic] tab in the Properties for Canon DR-3010C dialog box → select the [Deskew] check box.

Symptoms	**Lines, smudges, or dirt appear on the scanned image.**
Problem	The scanning glass or rollers inside the scanner are dirty.
Solution	Clean the scanning glass and rollers. If lines still appear on the image even after cleaning the scanning glass and rollers, the scanning glass inside the scanner may be scratched. Contact your local authorized Canon dealer or service representative.

Symptoms	**There are abnormalities in the image.**
Problem	The scanning glass or rollers inside the scanner may be dirty.
Solution	Clean the scanning glass and rollers. If there are still abnormalities in the image even after cleaning the scanning glass and rollers, the scanning glass inside the scanner may be scratched. Contact your local authorized Canon dealer or service representative.

Symptoms	**The size of the document could not automatically be detected.**
Problem	The scanning glass or rollers inside the scanner may be dirty.
Solution	Clean the scanning glass and rollers. If the auto-detection of the paper size fails even after cleaning the scanning glass and rollers, the scanning glass inside the scanner may be scratched. Contact your local authorized Canon dealer or service representative.

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 without setting auto-detection of the paper size.

× An Error Code Is Displayed on the Display Panel

The following are possible causes of an error message displayed on the display panel of the scanner. Check each possible cause.

Error Code	
Problem	This error code is displayed if the front unit of the scanner is open.
Solution	Close the front unit of the scanner. For more information on closing the front unit, see "6. Handling Paper Jams/Double Feed Detection," on p.34.

Error Code	
Problem	This error code is displayed if a paper jam is detected.
Solution	Open the front unit of the scanner, and remove the document. For more information on removing documents, see "6. Handling Paper Jams/Double Feed Detection," on p.34.

Error Code	
Problem	This error code is displayed if a double feed is detected.
Solution	Open the front unit of the scanner, and remove the document. For more information on removing documents, see "6. Handling Paper Jams/Double Feed Detection," on p.34.

Error Code	
Problem	This error code is displayed if another type of error occurs.
Solution	Turn off the power switch, wait 10 seconds, and then turn the power switch on again. If the "E" error code is still displayed, contact your local authorized Canon Dealer, or service representative.

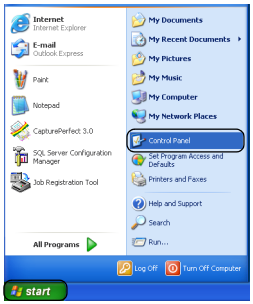
2. Uninstalling the Software

If the ISIS/TWAIN driver, Job Registration Tool, or CapturePerfect 3.0 are not operating normally, follow the procedure below to uninstall them. Then, reinstall the software from the DR-3010C setup disc. (See "2. Installing the Software," on p.13.)

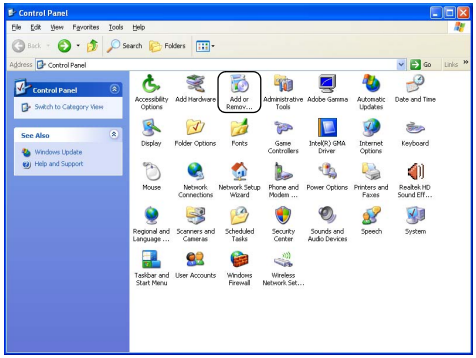
IMPORTANT

Log on to Windows as an Administrator.

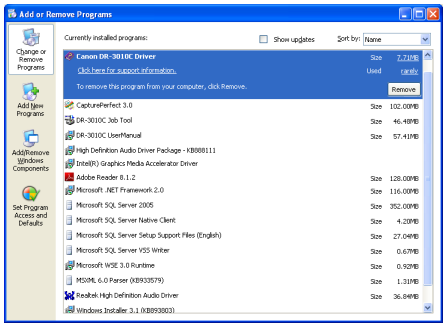
1 From the Windows task bar, click [Start] → [Control Panel].



2 Double-click [Add or Remove Programs].

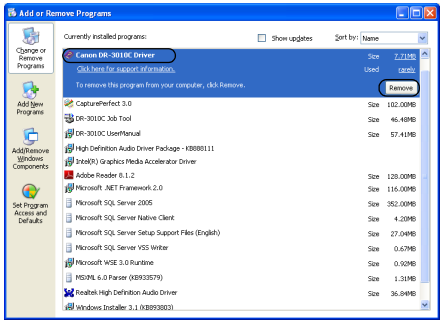


The [Add or Remove Programs] dialog box appears.



Uninstalling the ISIS/TWAIN Driver and Job Registration Tool

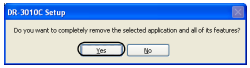
1 From the Programs list, click [Canon DR-3010C Driver] (or [DR-3010C Job Tool]) → click [Remove].



NOTE

If you clicked [DR-3010C Job Tool], click [Change/Remove].

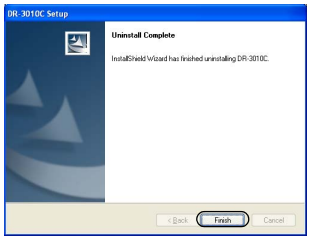
2 Click [Yes] in the DR-3010C Setup dialog box.



NOTE

To remove the Job Registration Tool, click [Yes] in the Confirm File Deletion dialog box.

3 Click [Finish].

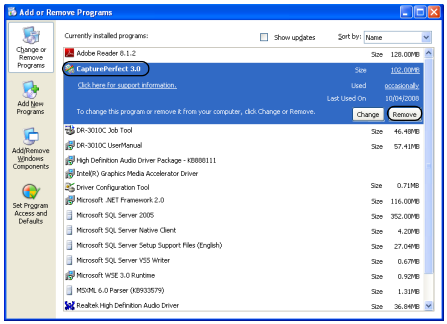


NOTE

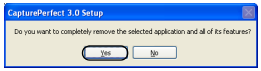
When removing the Job Registration Tool, click [Yes To All] in the Remove Shared File dialog box → click [Yes]. After the uninstallation procedure is complete, click [OK].

Uninstalling CapturePerfect 3.0

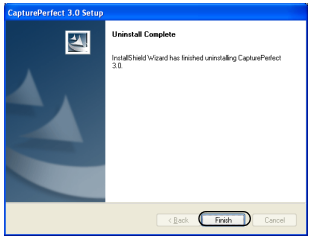
1 From the Programs list, click [CapturePerfect 3.0] → [Remove].



2 Click [Yes] in the CapturePerfect 3.0 Setup dialog box.



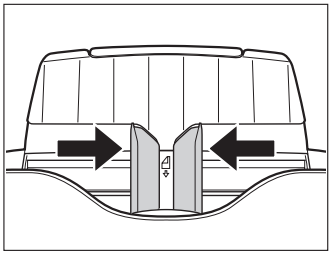
3 Click [Finish].



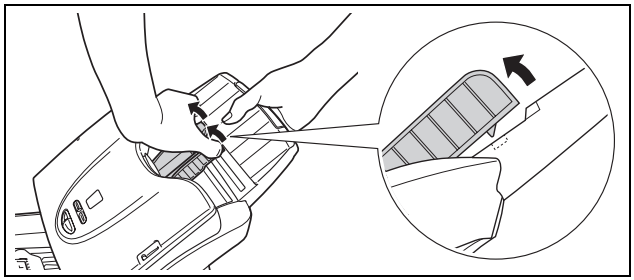
3. Removing the Document Feed Tray

The machine cannot be returned to its packaging with the document feed tray attached.
To return the machine to its packaging for storage or repair, follow the procedure below to remove the document feed tray.

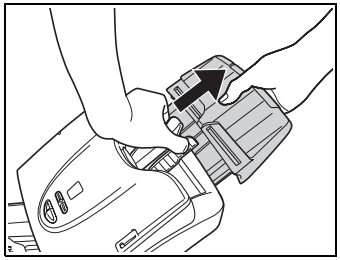
1 Push the document guides to the center of the machine.



2 Pull up the document guides while holding the document feed tray to unsnap the document guides from the document feed tray.



3 Pull to remove the document feed tray while the back of the document guide is unsnapped from the document feed tray.



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Specifications

Specifications

Main Unit

Type		Desktop sheetfed scanner
Scanning Document Size		
Plain Paper		
Size		Width: 1.97" to 8.5" (50 mm to 216 mm) Length: 2.12" to 14.02" (53.9 mm to 356 mm)*
Paper weight: **(Page separation mode)**		14 to 54 lb bond (52 to 209 g/m^2) 0.0024" to 0.01" (0.06 mm to 0.25 mm)
Paper weight: **(Bypass mode)**		11 to 54 lb bond (40 to 209 g/m^2) 0.002" to 0.01" (0.05 mm to 0.25 mm) *You can scan documents up to 39.2" (1000 mm) long by setting the scanner to the Long Document mode. (See "Setting the Long Document Mode," on p. 36.)
Business Card	**Size:**	1.97" x 2.12" (50 mm x 53.9 mm) or larger
	Paper weight:	140 lb bond (300 g/m^2) 0.0138" (0.35 mm) or less
Card	**Size:**	2.12" x 3.37" (53.9 mm x 85.5 mm) (ISO7810 standard)
	Card thickness:	0.03" (0.76 mm) or less
	Orientation:	Horizontal feeding only Embossed cards can be scanned.
Document Feeding Method		Automatic
Scanning Sensor		Contact image sensor
Light Source		LED
Scanning Side		Simplex/Duplex
Scanning Modes		Black and White, Error Diffusion, 256-level Grayscale, Advanced Text Enhancement, Advanced Text Enhancement II, 24-bit Color
Scanning Resolution **(Primary Scan Lines x Secondary Scan Lines)**		100 x 100dpi/150 x 150dpi/200 x 200dpi/ 240 x 240dpi/300 x 300dpi/400 x 400dpi/ 600 x 600dpi
Scanning Speed **(Conditions: Pentium 4 3.2 GHz CPU, 1 GB memory, LTR/A4 document size)**		
	Black and White Simplex	200 x 200 dpi 30 pages/min.
		300 x 300 dpi 30 pages/min.
	Duplex	200 x 200 dpi 60 images/min.
		300 x 300 dpi 60 images/min.

Grayscale Simplex	200 x 200 dpi 30 pages/min.
	300 x 300 dpi 30 pages/min.
Duplex	200 x 200 dpi 60 images/min.
	300 x 300 dpi 60 images/min.
24-bit Color Simplex	100 x 100 dpi 30 pages/min.
	200 x 200 dpi 30 pages/min.
Duplex	100 x 100 dpi 60 images/min.
	200 x 200 dpi 60 images/min.
Interface	Hi-Speed USB 2.0
Other Functions	Auto document thickness adjustment, folio scanning
External Dimensions	12.2" x 11.5" x 7.8" (W x D x H) 310 mm x 292 mm x 197 mm (W x D x H)
Weight (without AC adapter)	Approximately 6.4 lb (2.9 kg).
Power Supply (using AC adapter)	DC 16 V, 1.0 A
Power Consumption	Scanning: Maximum 16.5 W In the Sleep mode: Maximum 3.7 W With power switch OFF: Maximum 0.5 W
Noise	Not more than 66 dB
Operating Environment	Temperature: 10°C to 32.5°C (50°F to 90.5°F) Humidity: 20% to 80% RH

AC Adapter (100 to 240 V type)

Model Number	MG1-4315
Input	AC 100-240 V, 50/60 Hz, 0.65-0.34 A
Output	DC 16 V, 1.8 A
Weight	Approximately 0.3 kg (including power cord)

Replacement Parts

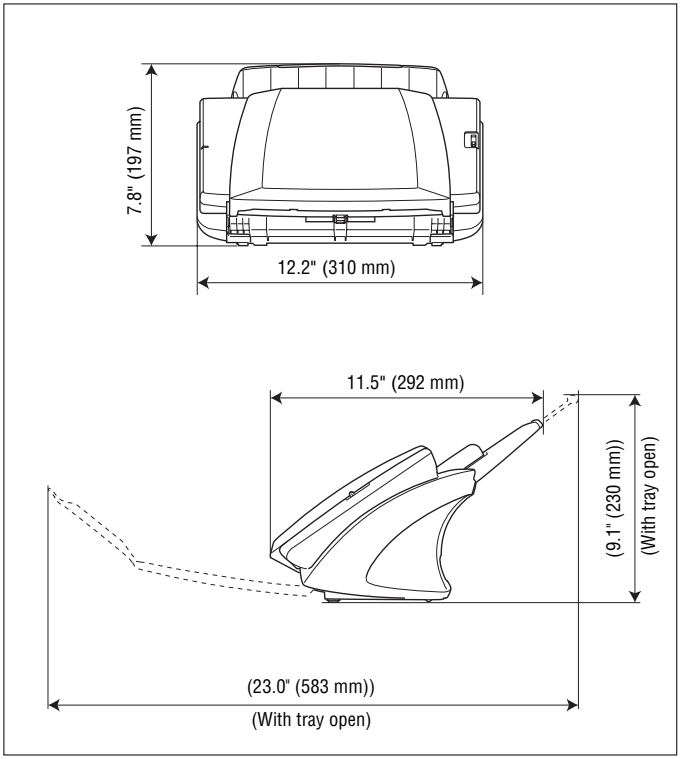
Exchange roller kit (product code: 3335B001AA)

Kit to replace the rollers (retard roller, feed roller) and document holding guide.

- For information on replacing the rollers, see "Removing/Attaching the Feed Roller," on p. 69. and "Removing/Attaching the Retard Roller," on p. 71.
- For information on replacing the document holding guide, see "Removing/Attaching the Document Holding Guide," on p. 73.
- Contact your local authorized Canon dealer or service representative for detailed information about the replacement parts.

Product specifications are subject to change without notice.

External Dimensions



FCC REGULATIONS (For 120 V model)

Document Scanner, Model M11066

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)328-5000

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.

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-3010C is identical to model M11066.

Model DR-3010C is the sales name of model M11066.

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PUB. CE-IE-632-02