DR-5010C Specifications

Type	Desktop sheetfed scanner
Document feeding	Automatic or manual sheet feeding
Document size	Width: 53 - 300 mm (2 - 11.8 in.)
	Length: 70 - 432 mm (2.75 - 17 in.)
Document thickness and weight	
U-Turn path	Automatic feeding: 0.06 - 0.15 mm, 52 - 128 g/m² (14 - 32 lb bond)
	Manual feeding: 0.05 - 0.2 mm, 42 - 157 g/m² (11 - 40 lb bond)
Straight path	Automatic feeding: 0.06 - 0.15 mm, 52 - 128 g/m² (14 - 32 lb bond)
	Manual feeding: 0.05 - 0.66 mm, 42 - 546 g/m² (11 - 144 lb bond)
Business card size and thickness	Size: 53.9 x 85.5 mm (2.12 x 3.36 in.)
	Thickness: 0.76 ± 0.08 mm (0.03 ± 0.003 in.) or less
Feeding capacity	10 mm stack or 100 sheets of 80 g/m² (20 lb bond)
Scanning element	3-line Contact Image Sensor (CMOS)
Light source	LED (red, green, and blue)
Scanning side	Simplex / Duplex
Scanning modes	Black and White, Advanced Text Enhancement, High-Speed Text Enhancement, Error Diffusion
	256-level Grayscale
	24-bit Color
Scanning resolutions	100 x 100 dpi, 150 x 150 dpi, 200 x 200 dpi, 240 x 240 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi
Scanning speed	Black and White, 200 dpi: 50 ppm (Simplex), 100 ipm (Duplex)
(A4/LTR, Portrait, 200 dpi)	256-level Grayscale, 200 dpi: 50 ppm (Simplex), 100 ipm (Duplex)
	24-bit Color, 200 dpi: 50 ppm (Simplex), 100 ipm (Duplex)
Interface	SCSI-III / Hi-Speed USB 2.0
Scanner driver	ISIS/TWAIN
Useful functions	Ultrasonic Double Feed Detection, Skew Detection, Rapid Recovery System, Color Dropout,
	Automatic Page Size Detection, Text Orientation Recognition, Skip Blank Page, Deskew,
	Gamma, MultiStream™, Prescan, User Preferences
Power requirements	AC100 - 120V (50/60 Hz), AC220 - 240V (50/60 Hz)
Power consumption	120W or less (Energy Saving Mode: 6W or less)
Operating environment	10 - 32.5°C (50 - 90.5°F), Humidity: 20 - 80% RH
Dimensions (W x D x H)	Feed trays closed: 398.4 x 312 x 191.4 mm (15.6 x 12.3 x 7.5 in.)
Weight	Approx. 10.5 kg (23 lb.)
Options/Consumables	Barcode Module, Exchange Roller Kit

Specifications are subject to change without notice.

Easy Maintenance

To maintain optimal feeding precision and image quality, Canon recommends users to periodically replace the scanner's rollers. Thanks to the DR-5010C's user-friendly design, you can replace the rollers at your own convenience using the **Exchange Roller Kit** (sold separately)—no service technican required. If your scanner's image sensor glass gets scratched or damaged for any reason, it can be replaced with **Sensor Glass Exchange** (sold separately). Sensor glass must only be replaced by certified service technicians.

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Canon

DR-5010C

HIGH-PERFORMANCE MEETS USER-FRIENDLY DESIGN

Work smarter with the DR-5010C, a compact A3 scanner that combines innovative technology with versatile functions for fast, high-quality color and duplex scanning.

50ppm
in binary, grayscale, and color

A FAST, RELIABLE COLOR DOCUMENT SCANNER WITH BUILT-IN CONVENIENCE FOR EFFORTLESS SCANNING

The smallest A3-capable scanner in its class, Canon's DR-5010C is packed with extensive features for seamless, hassle-free scanning of a wide variety of documents. State-of-the-art imaging technology along with diverse automatic and customizable functions will allow you to scan your documents faster and more reliably than ever.

SIMPLEX		DUPLEX	
50 ppm B&W	50 ppm COLOR	100 ipm B&W	100 ipm COLOR

(A4/LTR, portrait, 200dpi)

High Speed & High Image Quality

■ Super-fast scanning

The DR-5010C employs an advanced 3-line CMOS CIS sensor to achieve ultra-fast color scanning at 50 pages per minute. Double-sided documents can be scanned just as quickly at 100 images per minute. And with the Hardware JPEG Transfer option, image data can be compressed when being transferred from the scanner to your PC for reduced transfer time for even higher output potential.

■ Superb image clarity and color

The versatile DR-5010C doesn't compromise on image quality with an output resolution up to 600 dpi for clear, high-quality scanning in black and white (binary), 256-level grayscale, or 24-bit color. Canon's 3-Dimensional Color Correction function faithfully reproduces a document's color information using a built-in conversion circuit to pinpoint the exact RGB color coordinates. The result is unprecedented color reproduction and accuracy. And greater accuracy means better readability for both people and OCR scanning applications.

Reliable Paper Handling

The DR-5010C features Canon's renowned high-precision roller system to deliver smooth, jam-free feeding of a wide variety of document weights and sizes from business card size up to A3.
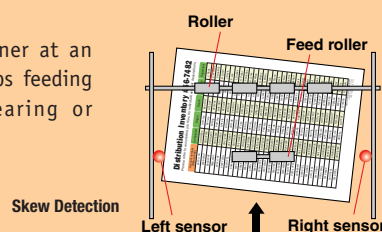
■ Straight Path feeding

Scan thick documents, business cards, and even plastic cards thanks to Straight Path feeding, which allows documents to be scanned and ejected in a straight path to the back of the scanner.
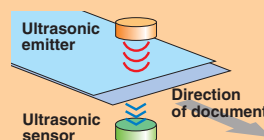
Scan plastic cards with Straight Path

■ Skew Detection

If a large document enters the scanner at an angle, Skew Detection temporarily stops feeding to prevent the document from tearing or jamming.

Roller
Feed roller
Skew Detection
Left sensor   Right sensor

■ Ultrasonic Double Feed Detection

The scanner features ultrasonic sensors that can detect the gap of air between overlapping pages to prevent multiple documents from being fed through at the same time. This feature prevents lost images and ensures that every page of even large batches of documents is scanned.

Ultrasonic emitter
Ultrasonic sensor
Direction of document

■ Rapid Recovery System

If scanning is interrupted due to a misfeed, the Rapid Recovery System allows you to reposition your document on the feed tray and seamlessly continue scanning right where it left off. Because incomplete image data is not transferred to your PC, you won't ever have to delete incomplete data yourself or rescan an entire batch of documents.
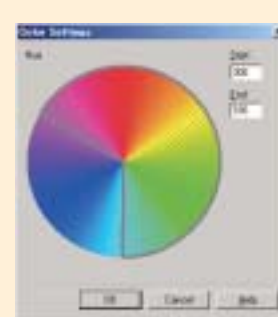
Convenient Functions

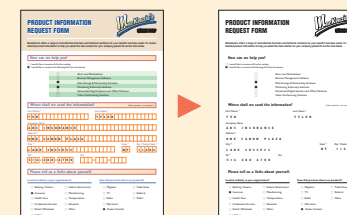### ■ Efficient scanning of a variety of documents

The DR-5010C is well-equipped for use in a wide range of business applications with convenient, customizable functions to fit your specific needs. You can make independent settings for brightness, contrast, Color Dropout, and gamma for each side of a double-sided document. And for quick access to your frequently used settings, you can register up to 100 sets of scanning preferences.

■ Custom Color Dropout for improved OCR

For more accurate OCR results, the DR-5010C has a Color Dropout feature that allows you to remove color elements such as lines and shaded boxes printed on a document from the resulting scanned image. Choose red, green, blue, or you can select a specific color range to remove from the image.

Select a color range to remove from the scanned image

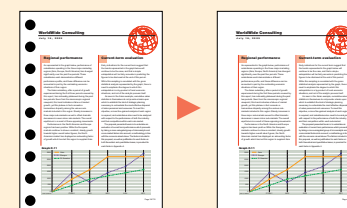### ■ Text Enhancement modes for clear, legible data

The scanner offers two Text Enhancement modes to automatically optimize the readability of documents that contain hard-to-scan elements such as faint text, dark backgrounds, or pencil writing. Choose Advanced Text Enhancement or High Speed Text Enhancement to match your document type for scans that are highly readable.

■ Scan unsorted batches with ease

Perfect for unattended scanning, the DR-5010C can automatically straighten skewed documents and even automatically rotate upside down or sideways images, so you don't have to spend time making sure each document is fed perfectly into the scanner. And with efficiency-boosting features like Skip Blank Page and Automatic Page Size Detection, you can quickly and reliably scan batches of mixed document types.

■ Clean scans of documents with binder holes

Punch Hole Removal detects and removes the black dots left on an image after scanning a document with binder holes punched in it. This function whites out these black dots for a more readable, cleaner-looking image.

Bundled Software

Canon CapturePerfect

In addition to a full-featured ISIS/TWAIN driver, the DR-5010C comes bundled with CapturePerfect, Canon's image capture application that features diverse tools to give you total control over scanning from start to finish.

Capture Perfect

■ Scan directly to email

In one quick operation, prepare a batch of documents for immediate email distribution. Just scan a batch, and the images will be automatically attached to a new message in your email software.

■ Create text-searchable PDF files

Scan and convert any document into a PDF file, which records a document's actual appearance but also allows text data to be read by the PCs operating system. This text data can be searched using specific keywords for easy document retrieval. And to protect your valuable data, a security feature allows you to encrypt scanned documents.

■ Edit and rearrange files with ease

Create multiple-page image files, and add, remove, or change the order of pages through CapturePerfect's simple, easy-to-use interface. Document management has never been more convenient.

Adobe Acrobat 7.0 Standard

Additionally, the DR-5010C is bundled with Adobe® Acrobat® 7.0 Standard, the industry's leading imaging application for the creation of PDF files.