CR-180 Specifications

Type	Desktop check scanner
Document feeding	Built-in automatic feeder
Document size	Height: 60 – 118 mm (2.4 – 4.6 in.)
	Length: 120 – 230 mm (4.7 – 9.1 in.)
Document thickness and weight	Normal: 0.08 - 0.20 mm, 64 - 157 g/m^2 (17 - 40 lb bond)
	Infrared Double Feed Detection ON: 0.10 - 0.14 mm, 81 - 105 g/m^2 (20 - 28 lb bond)
Feeding capacity	Maximum stack height: 20 mm (approx. 200 sheets or less)
Ejection pockets	2 sorting pockets (20 mm stack for each pocket)
Scanning element	Contact Image Sensor (CMOS)
Light source	RGB (red, green, blue) LED & white LED array
Scanning side	Simplex / Duplex
Scanning modes	Black and White, Error Diffusion, Advanced Text Enhancement, Adaptive Threshold
	Grayscale: 256-level, 16-level
Scanning resolutions	240 x 240 dpi, 200 x 200 dpi, 150 x 150 dpi, 100 x 100 dpi
Scanning speed	Black and White: 180 cpm
(U.S. Checks, 200 dpi)	256-level Grayscale: 180 cpm
MICR/OCR	MICR: E13B/CMC-7, OCR: E13B/OCR-A/OCR-B
Interface	SCSI-III, Hi-Speed USB 2.0
Software	ISIS/TWAIN driver, Canon Scanning Utility, Ranger™ driver
Useful functions	Color Dropout, Automatic Page Size Detection, Double Feed Detection (Infrared and by length),
	Emboss Enhancement
Power requirements	AC120V (60Hz), AC220 - 240V (50/60Hz)
Power consumption	35W in operation, 12W or less during standby, approx. 6.6W in Power Saving mode
Operating environment	10 - 32.5ºC (50 - 90.5ºF), Humidity: 20 - 80% RH
Dimensions (W x D x H)	Tray closed: 399 x 242 x 271 mm (15.7 x 9.5 x 10.7 in.)
Weight	Approx. 6.3 kg (13.9 lb.)
Options/Consumables	Ink cartridge (for imprinter)

Specifications are subject to change without notice.

Ink cartridges

Four different inks are available for imprinting purposes: black, red, green, and blue. Cartridges are sold separately from the CR-180.

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ENHANCED MODEL

CR-180
CHECK READER

RAPID & RELIABLE SCANNING IN A COMPACT BODY

The compact Canon CR-180 offers high-speed check scanning (180 checks per minute) plus many features that provide reliable operation and high-quality images. It's the ideal unit for improving check processing efficiency.

180 cpm

FINISH YOUR CHECK SCANS QUICKLY & EASILY

Introducing the new leader in desktop check scanning efficiency, the Canon CR-180. It delivers faster throughput than any comparable scanner. And its unique, all-in-one design also boosts efficiency: five key steps are handled in a single quick process. Day after day, thanks to Canon's renowned document scanning technology, the CR-180 can be counted on for performance that's second to none.

Five process steps: stack alignment, MICR reading, endorsement printing, scanning, and sorting.

Align   **Start**   **Feed**   **Finish**

Speed & Reliability

■ High-speed check scanning

With a duplex scanning speed of 180 checks per minute, the CR-180 is up to twice as fast as other compact check scanners. You can choose from among six types of black & white and grayscale scanning modes, and four levels of scan resolution (up to 240 x 240 dpi). When you're ready to start scanning, load up to 200 checks on the feed tray at once.

■ Precise MICR reading

The CR-180 reads the MICR line with a high-precision Canon magnetic reader, and can also read this data simultaneously with OCR software. In addition, the Scanning Utility software lets you save MICR data in different ways: as the file name of an image, in a TIFF file tag, or in a log file for reference.

■ Image processing technology

Canon's exclusive image processing technology offers clearer black and white scans of checks with illustrated or colored backgrounds. Choose either Advanced Text Enhancement or Adaptive Threshold depending on your document to ensure that valuable check data—both printed and handwritten—are appropriately emphasized against noisy background elements.

OFF — Advanced Text Enhancement OFF
OFF — Adaptive Threshold OFF
ON — Advanced Text Enhancement ON
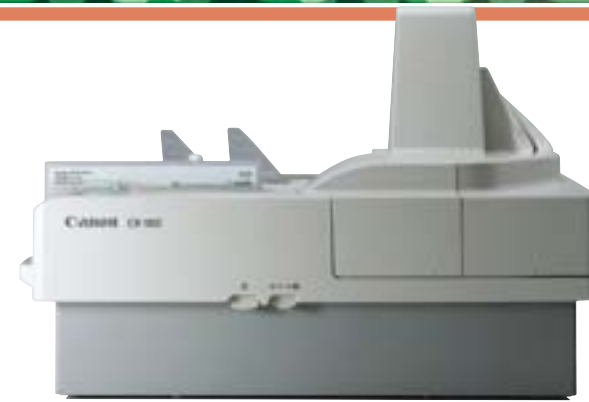ON — Adaptive Threshold ON

■ Smooth document feeding

Reliable feeding is absolutely crucial to efficient job completion. And that's where Canon expertise with document scanners makes a difference. The CR-180 allows you to adjust the feed mechanism to match the thickness of your documents, which ensures that each document moves smoothly into the scanner. Duplicate forms can be fed as well, by turning off the paper separation mechanism.

■ Double feed detection

If two checks get pulled into the scanner at the same time, you'll be informed of this right away. The CR-180 can be set to detecct double feeds either by infrared detection or by document length.

Total Convenience

■ Built-in jogger unit

A stack of checks loaded on the feed tray can be aligned before scanning to ensure high MICR reading accuracy. And because the jogger is built-in, the CR-180 saves you the time and trouble of using a separate unit for this task.

■ Larger documents

While check scanning is its primary function, the CR-180 produces quick scans of larger papers as well. Documents can be as large as 11.8 x 23 cm (4.6 x 9.1 inches). An extendable output tray handles the extra size.

■ Easy maintenance

The CR-180 opens on the side, which makes it easy to change the imprinter's ink cartridge, clear a paper jam, or perform maintenance tasks such as cleaning the scanning glass and feed rollers.

■ Two output pockets

The CR-180 allows you to sort scanned checks into two output pockets based on information printed in the MICR line. For example, bank codes can be used to create separate stacks. Each output pocket holds 200 checks.

■ Built-in imprinter

Endorsement information can be printed on the back of checks as the pass through the scanner. Maximum character length is 48 characters.

■ Bundled software

The CR-180 comes bundled with a standard ISIS/TWAIN driver and a driver based on Silver Bullet Technology's Ranger™ Transport API software, allowing it to be easily integrated into existing systems or be mixed and matched with a wide range of leading check processing software. Also included is the Canon Scanning Utility, an application that provides scanning, file saving, image viewing, printing, and various other functions.