Canon

Canon CR-180
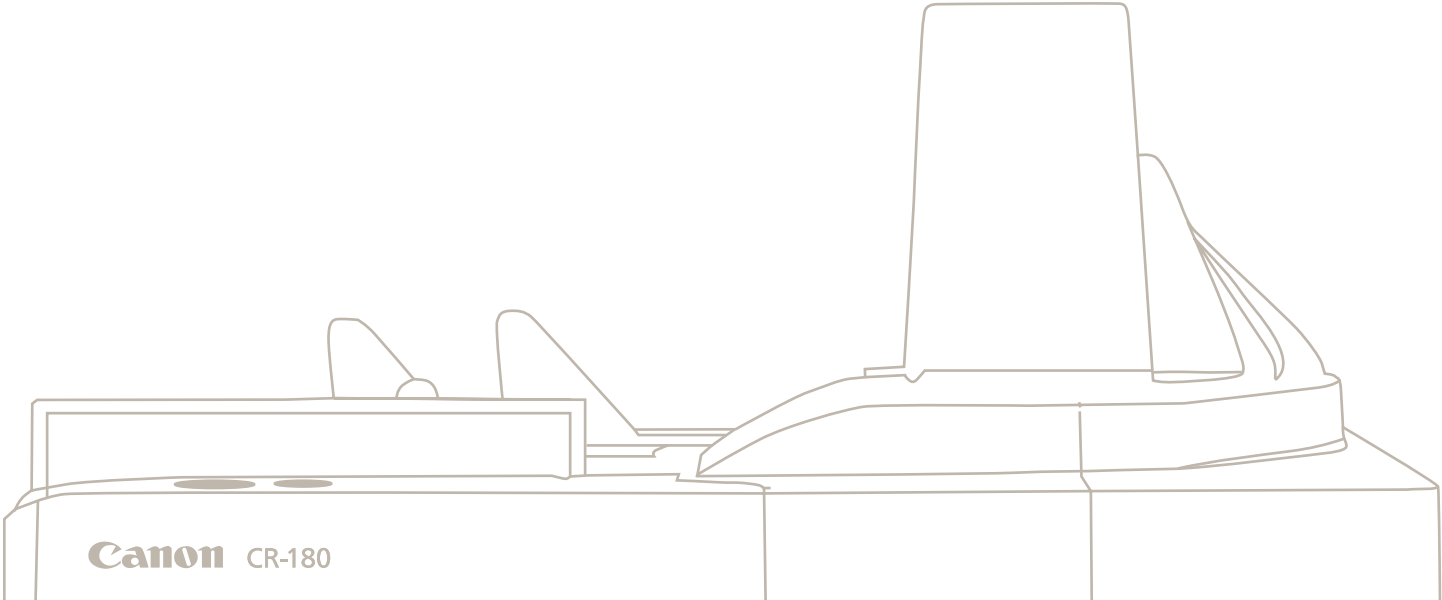
CR-180
CHECK TRANSPORT

FINALLY, THE LAST BARRIER TO ELECTRONIC CHECK TO COME DOWN. FOR SOME, IT ALREADY HAS.

Canon's new CR-180 Check Transport System is more than just a prelude to the future. It's a unique productivity tool that significantly upgrades today's check processing operations. Having the CR-180 on board ensures you won't be left behind when the ink dries on the soon-to-be passed Check Clearing Act for the 21st century. For banks and financial institutions, this long-anticipated government legislation will remove many restrictions on the electronic exchange of check data. It's a future in which images become the new standard for high-speed check clearing, one in which Canon's CR-180 already is setting new standards for unparalleled performance. In short, it's tangible proof that the best way to keep up with tomorrow is to stay a step ahead of it today.

Back-office technology comes to the forefront.

Surprisingly affordable, this compact check capture system is ideal for imaging applications, such as item and remittance processing. The revolutionary check processing technology of Canon's CR-180 is designed as an integral part of tomorrow's electronic check presentment. It offers an easy way to improve customer service and reduce costs associated with check handling. Plus it minimizes the risk of damage or loss from the physical transfer of checks. Not surprisingly, Canon's CR-180 achieves a new level of sophisticated performance that leaves other systems firmly in the past.

Under 14 pounds. Under 10" x 16" desk space. And well under budget for most applications.

Don't let the compact design and economies of the CR-180 blind you to its impressive capabilities. Built for high-volume environments, it features duplex scanning rates of up to 180 two-sided checks per minute. One of the fastest systems in this category, it simultaneously reads Magnetic Ink Character Recognition (MICR) data and imprints endorsement information, without missing a beat. A real workhorse about productivity, the CR-180 can handle checks of all sizes, up to 200 at a time, for a daily volume of up to 20,000 checks—a heavyweight for your day-to-day processing needs, but a lightweight as far as space requirements and operating costs. Representing a new generation of compact check transport, Canon's CR-180 is designed to hit the ground running, which translates into a big headstart to the future.

Only one level of performance: the highest.

Naturally, the CR-180 incorporates Canon's renowned image-processing technology for its impeccable image capture with precise detail. The process begins with Canon's own Contact Image Sensors that output high-quality images in black and white or grayscale. There's also an exclusive black-and-white Advanced Text Enhancement mode that adds extra clarity to text portions, ensuring greater readability on checks using illustrations or colored backgrounds. A choice of four different resolution levels, from 100 to 240 dpi, allows you added flexibility for optimizing output in different applications.
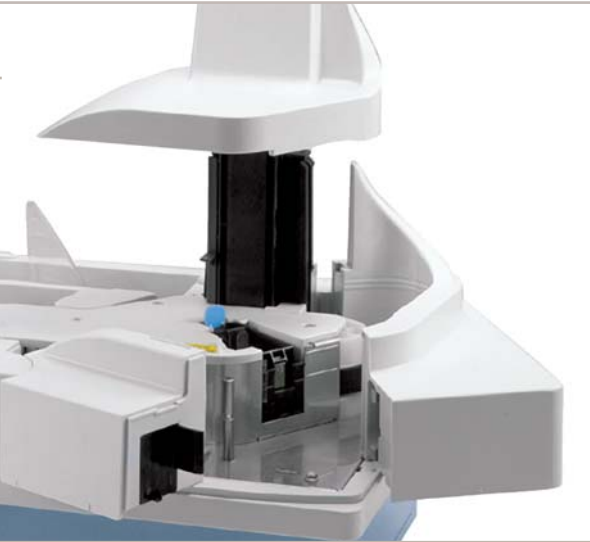
Superior reading skills from ABC to MICR.

With the Canon CR-180, the old problem of "misreads" becomes a non-issue. Thanks to Canon's high-precision magnetic head and patented MICR reading and recognition technology, you're assured high-accuracy, automatic MICR codeline reading during scanning. What's more, its fluency in the American E13B standard format, as well as all common MICR formats, helps maximize versatility.

PROCESSING IS ABOUT

Renowned for its lasting qualities.

The CR-180 is just the latest example of Canon reliability—the kind you can take to the bank. It will easily handle the heavy demands of day-to-day operations, requiring little maintenance throughout millions of scans. Operating costs are kept to a minimum as well, thanks to its easy accessibility and simple routine maintenance.

Solo performance that makes it a great team player.

You can program Canon's CR-180 to perform many jobs automatically, reducing the need for superfluous operator input. Less handling and smooth, reliable operation are made possible by Canon's built-in, high-capacity 200-check feeder and the patented built-in jogger, which aligns the edges of all checks or documents in the feeder, up to 4-1/2" x 9". All the operator need do is load the feeder. The CR-180 can complete even the most complex, duplex batch scanning jobs, automatically and virtually jam-free, at full-rated speeds of up to 180 checks per minute. Double-feed Detection enhances reliability as little else can. Able to sense a double-feed based on abnormalities either in length and/or thickness, the Double-feed Detector interrupts operation to alert the operator of the problem. A built-in Imprinter also comes standard to allow printing of endorsement information on checks prior to scanning.

Twice the productivity in the same space.

Two output pockets increase capacity and maximize sorting capabilities. For example, distributed capture based on MICR data can be sorted into two separate 200-check stacks. Performance is further enhanced by the unique ability of the built-in jogger to align batches of checks loaded in the feeder tray, decreasing total document preparation time significantly. By reducing skew, the jogging of checks—especially in mixed batches—minimizes jams and ensures more accurate MICR reading while enhancing the overall reliability of the system.

Easy connectivity expands its versatility.

Simple connectivity is ensured with dual SCSI-III and USB 2.0 interfaces, giving you a choice of either popular industry standard. Bundled with the CR-180 are ISIS® and TWAIN drivers, as well as Ranger Transport API from Silver Bullet, Inc., which makes the CR-180 compatible with virtually any existing software application. Canon's Scanning Utility 180, also included, enables users to scan, view, print, and file check data, while allowing MICR data to be used as the file name or in log files for reference.

Technology designed to help our customers better serve theirs.

Canon, an established leader renowned for bringing innovative technologies to the financial services industry, displays its unique brand of ingenuity, once again, with the CR-180. Redefining check imaging for the needs of tomorrow, it provides a seamless transition to the new paradigm of cost-efficiency today. Best of all, not only does Canon's CR-180 maximize your technological capital, it frees up much intellectual capital, too.
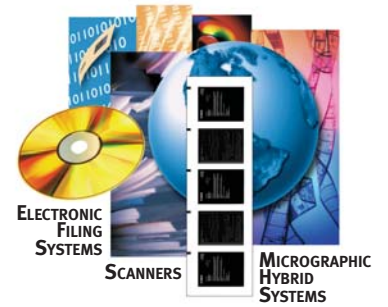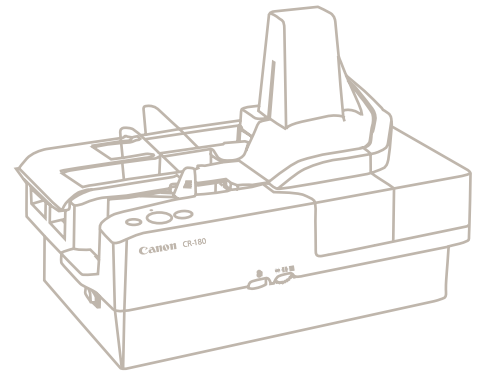
SPECIFICATIONS

Type:	Desktop Check Scanner
Document-feeding:	Built-in Automatic Feeder
Document Size:	Width: 4.7" – 9.1"
	Length: 2.4" – 4.6"
Thickness:	Automatic Feeding: 0.08mm – 0.20mm
	Weight: 60 – 120 g/m
Feeder Capacity:	Approx. 200 Checks
Grayscale:	256-level, 16-level (Simplex, Duplex)
Scanning Element:	Contact Image Sensor (CMOS)
Light Source:	RGB LED and White LED
Operating Modes:	Simplex, Duplex, Grayscale, Black and White
Output Resolution:	240 x 240 dpi, 200 x 200 dpi, 150 x 150 dpi, 100 x 100 dpi
Scanning Speeds (Simplex/Duplex)	
Black and White/Grayscale:	U.S. Checks: 180 Checks per Minute
Interface:	1 SCSI-III, 1 Hi-Speed USB 2.0
Scanner Drivers:	ISIS/TWAIN driver, Ranger Transport API
Dimensions (H x W x D):	15.7" x 9.5" x 10.7" with Extendable Output Tray Closed
Weight:	Approx. 13.9 lb.
Power Requirement:	AC120V (60Hz)
Power Consumption:	35W in Operation, 12W or Less During Standby, Approx. 6.6W in Power-saving Mode
Other Features:	Canon Scanning Utility Software, Two Output Pockets, Built-in Jogger, Dropout Color, Automatic Page Size Detection, Double-feed Detection, Advanced Text Enhancement

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Canon KNOW HOW®

1-866-60-CANON
www.usa.canon.com

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