

# UniLink™

## Canon

To order or for more information:

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 **imageFORMULA**  
**CR-180**





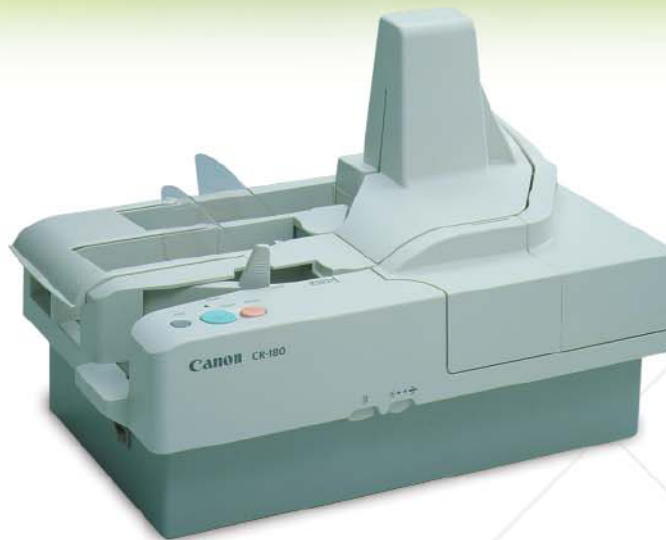
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 **imageFORMULA**  
**CR-180**



## Check Processing For The 21st Century

The revolutionary check processing technology of the Canon imageFORMULA CR-180 check transport is designed to be an integral part of today's electronic check presentment. Surprisingly affordable, the CR-180 model is ideal for distributed imaging applications, such as branch capture and remittance processing.

### Zero to 180 cpm in 60 Seconds

One of the fastest compact check transports on the market, the Canon imageFORMULA CR-180 device features duplex scanning rates of up to 180 checks per minute\* and simultaneously reads Magnetic Ink Character Recognition (MICR) data. Thanks to Canon's high-precision magnetic head and patented MICR reading and recognition technologies, you're assured high-accuracy, automatic E13B or CMC-7 MICR code-line reading during scanning.

The CR-180 check transport offers an easy way to improve customer service and reduce costs associated with check handling. Plus, it minimizes the risk of damage or loss during the transfer of physical checks.

Less handling and smooth, reliable operation are made possible by the scanner's built-in, high-capacity 200-check feeder. Performance is further enhanced by the unique ability of the built-in jogger to align batches of checks loaded in the feeder tray, significantly decreasing total document preparation time. By reducing skew, the jogging

of checks minimizes jams and ensures more accurate scanning. A built-in Imprinter also comes standard to allow the printing of endorsement information on checks prior to scanning.

### Designed to Keep Money Moving

The CR-180 check transport is just another example of Canon reliability. Built for high-volume environments, the CR-180 check transport can handle checks of all sizes and a daily volume of up to 20,000 checks. It will readily handle the heavy demands of day-to-day operations, offering easy accessibility and simple routine maintenance throughout millions of scans.

The CR-180 check transport can complete even the most complex batch scanning jobs, automatically and virtually jam-free. Infrared Double-Feed Detection enhances reliability and simplifies image capture of check batches with mixed dimensions and thicknesses.





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### Innovative and Intelligent Technology

Naturally, the CR-180 check transport incorporates Canon's renowned image processing technology for impeccable image capture with precise detail. The process begins with Canon's own Contact Image Sensors and 300-dpi optical resolution. With its exclusive image processing technology, the CR-180 check transport is capable of producing high-quality black-and-white or grayscale images from a variety of stylized checks, including those with complex security backgrounds or graphic designs.

This powerful device generates amazing results, even from hard-to-capture text elements, such as those in gel or light-colored ink. The standard Color Dropout function removes color elements for improved OCR and other text recognition. Additionally, the CR-180 check transport features OCR support for E13B, OCR-A, and OCR-B characters.

### Versatility Expands Profitability

Incorporating Canon's ultra-reliable feeding mechanism, this compact transport system can efficiently handle a wide variety of document types required



for check processing, including payment and deposit slips or even carrier envelopes. Two output pockets increase capacity and maximize sorting capabilities. By using pre-configured rules based on the MICR data, checks can be sorted into two separate 200-check stacks.

The bundled Silver Bullet Ranger API and IQA (Image Quality Assurance) software help ensure compatibility with virtually any check processing software application. The IQA module that comes standard with the imageFORMULA CR-180 check transport verifies that check image quality is in accordance with Check 21 requirements, so you can avoid costly processing delays resulting from unusable images. Also included are ISIS® and TWAIN drivers, as well as Canon's Scanning Utility for the CR-180 check transport. This scanning utility software enables users to scan, view, print, and file



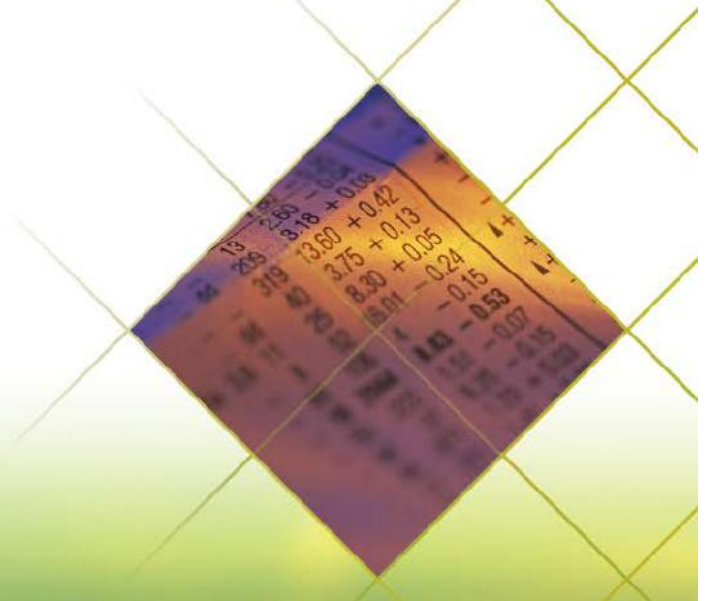
check images while allowing MICR data to be used as the file name or in a log file for reference. Simple connectivity is ensured with SCSI-III and Hi-Speed USB 2.0 interfaces, giving you a choice of either popular industry standard.

### Revolutionary Check Imaging



Canon, an established leader in bringing innovative technologies to the financial services industry, once again displays its unique brand of ingenuity with the CR-180 check transport. With new methods for processing check payments

and deposits emerging as a result of Check 21, the Canon imageFORMULA CR-180 check transport provides a seamless transition to the new paradigm of cost efficiency.



\* Examples based on typical settings, rated in checks/images per minute with U.S. personal checks at 200 dpi in black and white or grayscale.



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## Specifications

Type:	Desktop Check Transport	
Item Number:	8928A002	
Document Feeding:	Built-in Automatic Feeder	
Document Size		
Width:	2.4" - 4.6"	
Length:	4.7" - 9.1"	
Document Weight		
Normal:	17 - 40 lb. Bond	
Infrared Double-Feed Detection On:	20 - 28 lb. Bond	
Feeder Capacity:	Approximately 200 Checks	
Grayscale:	256-Level, 16-Level	
Scanning Element:	Contact Image Sensor (CMOS)	
Light Source:	RGB LED and White LED	
Scanning Modes:	Simplex, Duplex, Grayscale, Black and White, Error Diffusion, Adaptive Threshold, Advanced Text Enhancement	
Output Resolution:	100/150/200/240 dpi	
Scanning Speeds:*		
Black and White:	Simplex 180 cpm	Duplex 360 ipm
Grayscale:	180 cpm	360 ipm
MICR/OCR		
MICR:	E13B/CMC-7	
OCR:	E13B/OCR-A/OCR-B	
Interface:	One SCSI-III, One Hi-Speed USB 2.0	
Scanning Drivers:	Windows® 2000/XP/Vista® (32-bit)	
Dimensions (H x W x D):	10.7" x 15.7" x 9.5"	

Weight:	Approximately 13.9 lb.
Power Consumption:	35W or Less (Energy Saving Mode: 6.6W or Less)
Daily Suggested Volume:	Approximately 20,000 Scans

### BUNDLED SOFTWARE

- ISIS/TWAIN Drivers
- Ranger Driver with IQA
- Canon Scanning Utility Software

### OTHER FEATURES

- Two Output Pockets
- Built-in Jogger
- Built-in Prescan Imprinter
- Color Dropout
- Automatic Page Size Detection
- Infrared Double-Feed Detection

\* Examples based on typical settings, rated in checks/images per minute with U.S. personal checks at 200 dpi in black and white or gray scale.

NOTE: The CR-180 has been tested for compatibility with many of the industry's leading check imaging solution providers. Please visit the scanner's product page on Canon U.S.A.'s Web site at [www.usa.canon.com](http://www.usa.canon.com) for a comprehensive compatibility listing.

**Canon**  
*image*ANYWARE