



Fast, Dynamic Cheque Processing

The Canon imageFORMULA CR-190i High-Volume Cheque Transport is the cornerstone for production check processing, delivering high performance, reliability, and image quality. With an efficient counter-top design, the CR-190i cheque transport is capable of meeting even the toughest challenges.

Wide Variety of Applications

The CR-190i cheque transport can help financial institutions, utilities, and other organizations that handle large volumes of cheques improve the efficiency of payment processes and treasury management. This results in faster access to funds, reduced costs, and increased ROI. The features offered by this cheque transport are ideal for high-volume remittance processing, lockbox, and back-office/branch capture. The CR-190i comes bundled with a Silver Bullet Ranger driver and Ranger Software Development Kit (SDK) to help ensure compatibility with virtually any cheque processing software application.

Dynamic Performance

The CR-190i cheque transport achieves impressive speeds of up to 190 cpm, has a suggested daily volume of up to 24,000 items, and can perform real-time dynamic four-line endorsement. Equipped with a high-capacity, 250-item Automatic Document Feeder (ADF) capable of continuous drop-in batch scanning, the CR-190i cheque transport also includes two 200-item eject pockets. These can be used individually or virtually combined—with output items “waterfalling” or alternating between each physical pocket—for increased output capacity. These eject pockets are supplemented with an additional 50-item pocket for three-way sorting capability.

Exceptional Reliability

The CR-190i cheque transport employs Canon’s proven roller system to achieve exceptional feeding reliability. It can handle a wide variety of items, including business and personal cheques, and thicker items such as rebate cheque cards and envelopes. The built-in jogger ensures optimal item alignment to help eliminate mis-feeds, and in the rare event that a double-feed occurs, the ultrasonic double-feed detector ensures no data is lost. The CR-190i cheque transport uses magnetic/optical character recognition (MOCR) technology. This combines MICR reading with OCR processing to ensure accurate MICR data capture without sacrificing speed.

Impressive Image Quality

Building on Canon's high-precision optical technology expertise, the CR-190i cheque transport delivers impressive image quality. Image processing features, such as Fine Text Filtering, allow sharper image capture with less distortion and result in better OCR accuracy. By scanning with an optical resolution of 1200 dpi, small details and other valuable cheque information can be captured and reproduced with exceptional clarity and precision.

Efficient Design

The CR-190i cheque transport's countertop size and easy-access design allow it to fit into even the busiest environments. Durable materials, enclosed mechanics, and an easy-access paper path make it simple and risk-free to perform basic maintenance tasks, such as

changing the imprinter's ink cartridge, clearing jams, and cleaning the scanning glass.

Environment in Mind

The CR-190i cheque transport complies with the RoHS and WEEE directives for reduction of hazardous substances and waste products.



Specifications

Type:	High Volume Cheque Transport	
Document Feeding:	Built-in Automatic Feeder (ADF)	
Document Size		
Width:	2.7" - 4.3"	
Length:	4.7" - 9.6"	
Document Weight:		
Automatic Feeding:	0.003" - 0.008" (17 - 40 lb. Bond)	
Bypass Mode:	0.003" - 0.02" (17 - 112 lb. Bond)	
Feeder Capacity:	Approx. 250 Sheets	
Scanning Element:	Improved One-line Contact Image Sensor (CMOS)	
Light Source:	RGB LED	
Scanning Modes:	Simplex, Duplex, Greyscale, Black and White, Fine Text Filtering, Error Diffusion	
Optical Resolution:	1200 dpi	
Output Resolution:	100/120/150/200/240/300 dpi	
Grayscale:	256-Level, 16-Level	
Scanning Speeds*	Simplex	Duplex
Black and White:	190 cpm	190 cpm
Greyscale:	190 cpm	190 cpm
MICR/OCR		
MICR:	E13B/CMC-7	
OCR:	E13B/OCR-A/OCR-B/Check Writer/Universal Character	
Interface:	Hi-Speed USB 2.0	
Supported OS:	Windows® XP/Windows Vista®/Windows 7	
Dimensions (H x W x D):	8.4" x 18.7" x 10.7"	
Weight:	18.5 lb.	
Power Consumption:	56W or Less (Energy Saving Mode: 3.9W or Less)	
Suggested Daily Volume:**	24,000 Scans	

BUNDLED SOFTWARE

- Silver Bullet Ranger Driver with IQA
- Canon Scanning Utility Software

OPTIONS AND CONSUMABLES

- Exchange Roller Kit
- Imprinter Ink Absorber

ITEM NUMBER

4605B002

OTHER FEATURES

- Auto Page Size Detection
- Built-in Jogger
- Colour Dropout
- MOCR-based Imprinting
- MOCR-based Sorting
- Deskew
- Function Button
- Paper Eject Button
- Three Output Pockets (200/200/50)
- Ultrasonic Double-Feed Detection
- Continuous Feeding
- Waterfall Output Mode

*Examples based on typical settings, rated in checks per minute with U.S. personal cheques at 200 dpi in black and white, greyscale, or colour.

** Calculations based on scanning speed and typical daily time of use.



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