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 **imageFORMULA**
CR-50



Improving the Customer and Teller Experience

The Canon imageFORMULA CR-50 Compact Check Transport is an easy-to-use solution to decentralize and advance traditional check processing. It offers high-quality image scanning, precise MICR accuracy, reliable item handling, and other useful features to help facilitate efficiencies and successful electronic transactions.

Wide Variety of Applications

The CR-50 check transport is ideal for moving paper checks and related small documents in front-counter teller settings, for merchant/remote deposit capture (RDC) applications, and for low-volume remittance processing. It enables users—in environments such as small and large banks, credit unions, and retail—to improve their point-of-presentation applications.

Clear-Cut Images

When dealing with financial transactions, poor quality data capture can result in inherent risks, such as incorrect account postings and item returns. Through features such as Fine Text Filtering, the CR-50 check transport improves image quality for sharper image capture, resulting in better OCR accuracy. Image Quality Assurance (IQA) functions also help ensure that scanned images satisfy Check 21 requirements.

Precise MICR Read

The CR-50 check transport is equipped with a patented magnetic head for high-precision MICR reading. And it takes MICR accuracy further by combining MICR reading with OCR processing (MOCR) for a higher level of accuracy. These capabilities ensure high read rates that mitigate risks associated with digitizing checks.

Easy to Install, Use, and Maintain

The CR-50 check transport's small footprint makes it ideal for teller counters, merchant desks, and other space-constrained areas. It also includes USB connectivity to ease installation, a 50-item Automatic Document Feeder (ADF) for simpler operation, and an easy-open body cover for quick access to perform basic maintenance and error recovery.



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Dependable Item Handling

Scanning up to 50 checks per minute, the CR-50 check transport is a reliable solution that instills confidence. Item handling features, such as infrared double-feed detection, reduce the potential for misfeeds and downtime.

Useful Features

The CR-50 check transport has sophisticated features for efficient check processing. The built-in imprinter prints endorsement information on checks before scanning, and four-line virtual endorsements can be added to the scanned image. To help maximize performance, an Ink Level Alarm alerts users when imprinter ink is low, and a logging tool can track the number of scans, jams, double-feeds, imprints, and LED hours of use. It also includes comprehensive software, such as Canon's Scanning Utility and a Silver Bullet Ranger Driver.

Environment in Mind

The CR-50 check transport meets ENERGY STAR® guidelines for energy efficiency and complies with the RoHS and WEEE directives for reduction of hazardous substances and waste products. It is also part of Canon's Generation Green Program.

Customer Care

eCarePAK is available for the CR-50 check transport. eCarePAK extends service beyond the initial warranty period, saving on costs associated with post-purchase maintenance, maximizing uptime throughout the product life, and instilling confidence in the Canon investment for years to come.

Specifications

Type:	Compact Check Transport
Document Feeding:	Built-in Automatic Feeder (ADF)
Document Size	
Width:	2.0" – 4.3"
Length:	3.1" to 9.0"
Document Thickness and Weight:	.003" to .008" (17 lb. to 40 lb. Bond)
Feeder Capacity:	Approx. 50 Sheets
Scanning Element:	CMOS CIS Sensor
Light Source:	RGB LED
Scanning Modes:	Simplex, Duplex, Color (24-bit), Grayscale (4-bit/8-bit), Black and White, Fine Text Filtering, Error Diffusion
Optical Resolution:	600 dpi
Output Resolution	
Binary and Grayscale:	100/120/200/300
Color:	100/120/200
Scanning Speeds*	
Black and White / Grayscale:	50 cpm
Color:	20 cpm
MICR Assisted by OCR	
MICR:	E13B/CMC-7
OCR:	E13B/OCR-A/OCR-B
Interface:	Hi-Speed USB 2.0
Supported OS:	Windows® XP/Windows Vista®/Windows 7
Dimensions (H x W x D):	7.4" x 5.5" x 8.8"
Weight:	4.4 lb.
Power Consumption:	20.4W (Energy Saving Mode: 4.7W)
Suggested Daily Volume:**	2,500 Scans

BUNDLED SOFTWARE

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

OPTIONS AND CONSUMABLES

- Cleaning Cards
- eCarePAK (Exchange Service)
- Ink Cartridge (HP C8602 Series)

ITEM NUMBER

5367B002

OTHER FEATURES

- Deskew
- Four-Line Virtual Endorsement
- Infrared Double-Feed Detection
- MOCR
- Single-Line Pre-scan Imprinter

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

** Calculation based on scanning speed and typical daily time of usage.



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