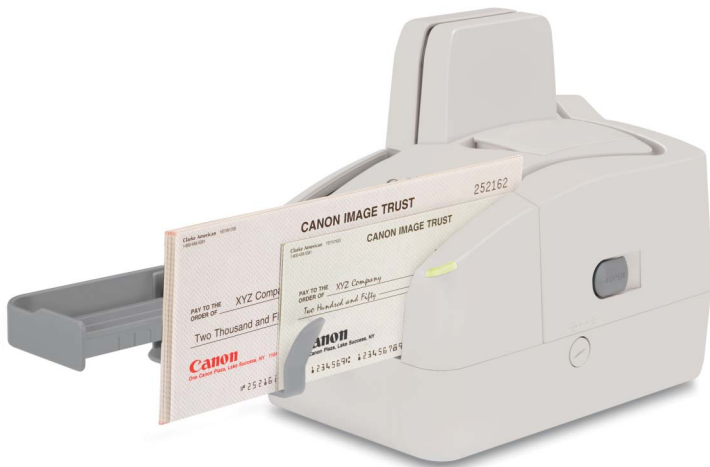# Canon

IMAGE FILING SYSTEMS

CR-55

CR-55

IMAGE FILING SYSTEMS

IMPROVE YOUR BOTTOM LINE
WITH FRONT-LINE EFFICIENCIES

With the ideal combination of functionality, size, and speed, the Canon CR-55 teller-counter check scanning device offers unmatched image quality and reliability for check capture at the first point of presentment.

High Accuracy and Superior Image Quality

Equipped with a Canon patented magnetic head, the CR-55 reads MICR codeline data with high accuracy for reduced transaction errors. This powerful check scanner supports E13B and CMC7 standards and includes built-in OCR software.

Bundled IQA software ensures high-quality image capture in accordance with Check 21 standards. By verifying the check image quality at the time of presentment, you avoid passing along unusable images and costly processing delays.

A New Paradigm of Performance for Check Truncation

To help satisfy a variety of business applications, the Canon CR-55 device offers seven programmable scanning modes in black and white, grayscale, or color, plus resolutions of up to 300 dpi for optimum image reproduction. You can easily capture valuable check data from difficult-to-scan items with Adaptive Threshold Mode, which detects and removes excessive background effects such as security pentagrams or watermarks. This Canon exclusive image processing technology provides superb clarity and detail while minimizing file size.

With rapid scanning speeds of up to 55 checks or 110 images per minute,* the CR-55 boasts an industry-leading performance-to-size ratio. More importantly, the user-friendly CR-55 can help reduce overall check processing costs. Transactions are quickly imaged as they occur, thereby minimizing manual keying and customer wait time.

*Examples based on typical settings, rated in checks/images per minute with U.S. personal checks @ 200 dpi in black and white or grayscale.
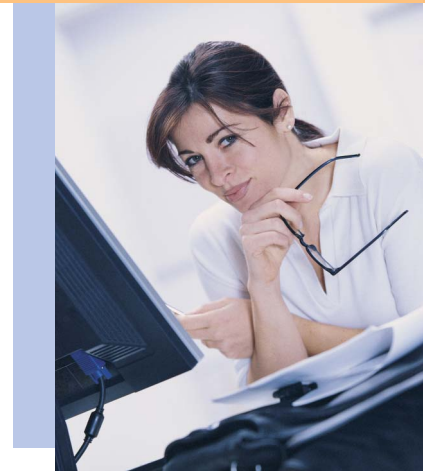
Maximize Productivity for Limited Workspaces

The CR-55 scanner is the ideal fit for teller counters and cashier windows. With ultra-compact dimensions and weighing only about four pounds, this check scanner can easily be moved and won't clutter cramped spaces.

A built-in, pre-scan imprinter comes standard for printing and capturing important endorsement information to meet audit trail requirements. Tellers can also perform value-added sales and service functions during the transaction because of the CR-55 scanner's quiet operation and 50-item auto feeder.

Designed for Easy Maintenance and Reliability

Featuring a unique clam-shell design, the CR-55 model opens easily for maintenance and cleaning. Side covers allow access to the scanning glass and feed rollers, without exposing or risking damage to sensitive scanner components. This user-friendly machine is ideal for a wide range of check processing environments because it requires minimal training and effortless operation, even by non-technical staff.

Whether scanning mixed batches or single items, the CR-55 device features an advanced paper-handling mechanism for uninterrupted processing and smooth, reliable operation. Infrared Double Feed Detection and Paper Thickness Adjustment capabilities allow for dependable paper feeding and image capture time and time again.

Seamless System Integration and Connectivity

Bundled with industry-standard Silver Bullet Ranger™ driver software, you can seamlessly integrate the CR-55 scanner into existing systems. Not only is it compatible with a wide range of check processing software applications, but it also features plug-and-play connectivity with a Hi-Speed USB interface. Best of all, the CR-55 device offers streamlined deployment and an economical solution for distributed check capture.

Also included is Canon's Scanning Utility Software. This enables users to scan, view, print, and file check data while allowing MICR data to be used as the file name in TIFF or log files for reference purposes. Additional quality control features include Deskew, Border Removal, and Brightness and Contrast Adjustment.

Expand Geographic Reach and Profitability

By leveraging operational and technological changes brought on by Check 21, your organization can achieve new levels of profitability with electronic check processing and exchange. Whether deployed at the teller line in branches or commercial/retail locations, the CR-55 scanner meets the requirements for distributed check capture and remote deposit, offering Canon hallmarks of affordability, high performance, and ultra-reliable design.

CR-55

CR-55 Specifications

Type:	Desktop Teller Check Scanner
Item Number:	0435B002AA
Document Feeding:	Built-In Automatic Feeder
Document Size	
Width:	2.1" – 4.2"
Length:	3.2" – 9.0"
Thickness	
Normal:	17 – 40 lb. Bond
Infrared Double	
Feed Detection ON:	20 – 28 lb. Bond
Feeder Capacity:	Approx. 50 Checks
Grayscale:	16-Level, 256-Level
Color:	24-Bit
Scanning Element:	Contact Image Sensor (CMOS)
Light Source:	RGB LED

Scanning Modes:	Black and White, Error Diffusion, Adaptive Threshold, Advanced Text Enhancement, Grayscale, Color
Output Resolution	
Black and White:	100/200/300 dpi
Grayscale:	100/200/300 dpi
Color:	100/200 dpi

Scanning Speeds
(U.S. Checks @ 200 dpi)

	Simplex	Duplex
Black and White:	55 cpm	110 ipm
Grayscale:	55 cpm	110 ipm
Color:	23 cpm	47 ipm

MICR/OCR	
MICR:	E13B/CMC-7
OCR:	E13B/OCR-A/OCR-B
Interface:	High-Speed USB 2.0
Bundled Software:	Ranger™ Driver with IQA, Canon Scanning Utility Software
Dimensions (HxWxD):	7.4" x 8.8" x 5.5"
Weight:	Approx. 4.4 lb.
Power Consumption:	27W or Less (Energy Saving Mode: 4W or Less)
Other Features:	Built-In Pre-Scan Imprinter Brightness and Contrast Adjustment, Deskew, Border Removal, Edge Emphasis, Infrared Double Feed Detection

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