



Quality **Colour Cheque Scanning**
Made **Compact**

CR-55

Fast and Efficient Front-Counter Cheque Reader

Canon

Delighting You Always

Ultimate Image Quality and Speed



The Canon **CR-55** is an ultra-compact front-counter cheque-scanning device that captures MIRC data with images of the front & back of cheques at speeds of up to 55 cheques per minute. Loaded with advanced back-office functionality, it rapidly delivers Canon's proven high image quality and superior document handling for faster, more efficient cheque processing and electronic image exchange at the first point of presentation.

Compact Front-Counter Design



Ideally sized for small workspaces

Featuring a space-saving footprint of 140 x 223 mm, the CR-55's compact, front-counter design fits even the narrowest spaces – offering high-performance cheque scanning at teller counters and cashier windows.

Superior Speed and Reliability

Fast double-sided batch scans

The CR-55 offers rapid double-sided batch scanning, feeding batches of up to 50 items at a time and capturing MICR data along with images of both sides of each cheque at a rate of 55 cheques per minute (U.S. cheques, 200 dpi, B&W or Grayscale).

55_{cpm}



Unmatched scanning quality

The user-friendly CR-55 satisfies a wide range of applications with multiple scanning modes offering high quality scanning in black & white, grayscale, or **24-bit colour**. Highly accurate cheque reproductions with superior image clarity and detail are ensured with images delivered at resolutions up to 300 dpi.

Smooth paper feeding



The CR-55 features an advanced paper handling mechanism for continuous, high-speed cheque feeding without jamming – even for batches containing mixed sizes. Adjustable feeding allows items of different thicknesses to be handled, while an extendable output tray means the scanner can accommodate larger cheques up to 106 x 228 mm (4.2 x 9.0 in). For added efficiency, Infrared Double Feed Detection provides protection against lost data caused by multiple feeds.

High-precision MICR reading

99.9%
accuracy*

*For E13B MICR font recognition

A sophisticated magnetic head, exclusive to Canon, reads MICR codeline data with a level of accuracy rated at over 99.9%*. Supporting international E13B and CMC7 standards for MICR recognition, the scanner also simultaneously reads this data with OCR software.

* For E13B MICR font recognition

Crisp, clear images from difficult to scan items

Canon's exclusive image processing technology provides unmatched clarity and text detail when capturing black & white images of cheques with illustrated and coloured backgrounds. Advanced Text Enhancement and Adaptive Threshold modes ensure valuable cheque data – both typed and handwritten – is appropriately emphasised, even against noisy backgrounds.



Flexible and Easy to Use

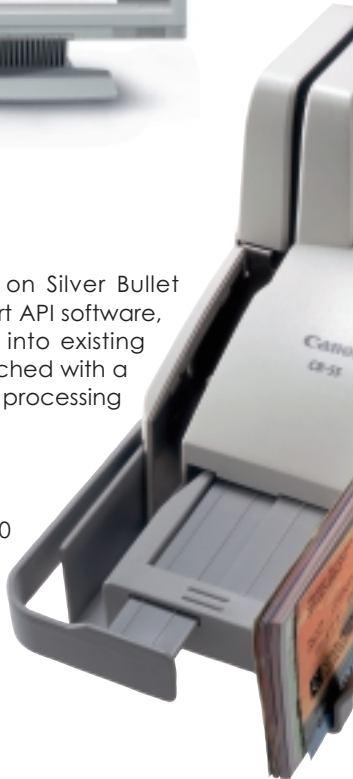


Easy system integration

Bundled with a driver based on Silver Bullet Technology's Ranger™ Transport API software, the CR-55 is easily integrated into existing systems, and can mixed & matched with a wide range of leading cheque processing software.

Wide connectivity

The CR-55's Hi-Speed USB 2.0 interface allows for fast plug-and-play connectivity.



Pre-scan endorsements with built-in imprinter

The CR-55's built-in imprinter prints endorsement information up to 32 characters (standard 3 mm font) or 48 characters (2 mm font) on cheques just before scanning by the image sensor, allowing information such as routing details to be included with each cheque image for cheque truncation at the earliest stage.



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Easy maintenance

For optimal convenience and simple maintenance, the CR-55 features a cover that opens to the side – making it easy to clear misfed cheques and clean feed rollers and scanning glass.





Specifications

Type	Desktop cheque scanner
Document feeding	Built-in automatic feeder
Document size	Height: 50 - 106 mm (2.0 - 4.2 in.) Length: 80 - 228 mm (3.2 - 9.0 in.)
Document thickness and weight	Normal: 0.08 - 0.20 mm, 64 - 157 g/m ² (17 - 40 lb bond) Infrared Double Feed detection ON: 0.10 - 0.14 mm, 81 - 105 g/m ² (20 - 28 lb bond)
Feeding capacity	Maximum stack height: 5 mm (approx. 50 sheets or less)
Ejection pocket	One pocket
Scanning element	Contact Image Sensor (CMOS)
Light source	LED (red, green and blue)
Scanning side	Simplex / Duplex
Scanning modes	Black and white, Error Diffusion, Advanced Text Enhancement, Adaptive Threshold 256-level Grayscale 24-bit Colour
Scanning resolutions	All modes excluding 24-bit Colour: 100/200/300 dpi; 24-bit Colour: 100/200 dpi
Scanning speed (U.S. Cheques, 200 dpi)	Black and White: 55 cpm 256-level Grayscale: 55 cpm 24-bit Colour: 23.8 cpm
MICR/OCR	MICR: E13B/CMC-7, OCR: E13B/OCR-A/OCR-B
Interface	Hi-Speed USB 2.0
Software	Scanning Utility for CR-55 (incl. driver), Ranger™ driver
Useful functions	Infrared Double Feed Detection, Deskew, Border Removal, Gamma Compensation
Power requirements	AC120V (60Hz), AC220 - 240V (50/60Hz)
Power consumption	27W in operation, 4W or less during standby
Operating environment	10 - 32.5°C (50 - 90.5°F), Humidity: 20 - 80% RH (20 - 50% RH when using imprinter)
Dimensions (W x D x H)	Tray closed: 140 x 223 x 188 mm (5.5 x 8.8 x 7.4 in.)
Weight	Approx. 2 kg (4.4 lb.)
Options/Consumables	Ink cartridge (for imprinter)

Specifications are subject to change without notice. Product names appearing in this brochure are trademarks and/or registered trademarks of their respective owners.



Ink Cartridges

Four different inks are available for imprinting purposes: black, red, green, and blue. Cartridges are sold separately from the **CR-55**.



Canon **CR-55** conforms to ENERGY STAR standards for energy efficiency.

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