

# CR-190i.

Cheque scanner.

you can

Fast, compact, accurate and reliable: for high-performance cheque scanning



imageFORMULA

**Canon**

# Scan your cheques, coupons and vouchers quickly and precisely with the new imageFORMULA CR-190i – and boost your productivity.

Specifically created for demanding commercial back-office environments like banking and retail, this advanced scanner is rich in features designed to drive up productivity in your payment processing or other critical workflows.

With scanning speeds of up to 190 cheques per minute, and a high volume document feeder that accepts up to 250 items, the CR-190i lets you reach a new standard of high-speed continuous scanning.

Whether you need to scan cheques, deposit slips, envelopes, vouchers or coupons, the CR-190i offers you a complete scanning solution.



#### **Fast, precise scanning.**

Rapid scanning speeds of up to 190 cheques per minute make the CR-190i ideal for batch scanning; while Ultrasonic Double Feed Detection prevents misreading and omissions. With a compact design that fits easily on any desktop, the CR-190i is an exceptionally productive device that delivers outstanding levels of accuracy.

#### **Information you can trust.**

The CR-190i is equipped with a built-in jogger that aligns cheques in the feeder before they are scanned. For precise simultaneous reading, Magnetic Ink Character Recognition (MICR) is supported by Optical Character Recognition (OCR) technology, ensuring that image data is recorded and transferred accurately – before originals are removed from circulation. To give you added confidence and flexibility, the CR-190i has a three pocket sorting system that enables mission-specific documents to be separated into designated output pockets.



#### **Optimum quality outputs.**

The CR-190i's new Fine Text Filtering feature ensures that vital information is captured and unnecessary 'noise' eliminated: ideal when you need to capture high-quality scans of documents with patterned backgrounds. With the auto deskew and auto size functions there is less need for manual quality control, saving valuable time and cost.

#### **Flexible imprinting.**

A 4-line built-in imprinter for high quality bitmap images and text gives you a flexible choice of imprinting capabilities. Using the Software Development Kit (SDK), the CR-190i can improve productivity by dynamically printing on-the-fly using MICR information before exiting to the sorting pockets.

#### **Easy maintenance.**

Built for simple maintenance, the CR-190i is designed with convenient side-opening covers, to help minimise costly downtime. This design makes tasks such as changing the imprinter's ink cartridge and cleaning easy to accomplish.

#### **Straightforward integration.**

For maximum flexibility, the CR-190i supports three types of SDK, so it's simple to integrate the device with third party applications. Silver Bullet Technology's Ranger Transport API software also allows the CR-190i to be easily integrated with new or existing platforms. The Canon Scanning Utility application provides scanning, file saving, image viewing, printing and other useful functions.

#### **Environmentally aware.**

The CR-190i meets RoHS Directive requirements, while ENERGY STAR compliance helps you fulfil your energy reduction objectives.

# Specifications: imageFORMULA CR-190i

Type Document Reading Sensor Optical Resolution Light Source Reading Side Interface Dimensions Weight Power Requirements Power Consumption Operating Environment Environmental Compliance	Desktop Type Sheet Fed Scanner CMOS CIS Sensor 1200dpi RGB LED Simplex / Duplex High speed USB 2.0 Tray closed: 476 (W) × 272 (D) × 214 (H)mm Approx. 8.4Kg AC220 - 240V (50/60Hz) Scanning: 52.8W Sleep Mode: less than 4.7W 10 - 32.5°C (50 - 90.5°F), Humidity: 20 - 80% RH RoHS and ENERGY STAR	
<b>READING SPEED*</b> (American Cheque, 200dpi) B & W Greyscale	Simplex	Duplex
	190cpm 190cpm	190cpm 190cpm
<b>DOCUMENT SPECIFICATIONS</b> Width Length Thickness Paper Separation Sorting Pockets Feeder Capacity	68 - 108mm 120 - 245mm Automatic feeding: 64 - 157g/m <sup>2</sup> (0.08 - 0.2mm) Corrugation Retard Roller Method 3 Output Pockets (200 sheets x 2, 50 sheets x 1) 250 sheets	
<b>OUTPUT MODE</b> Mode Output Resolution	Black and White, Error Diffusion, Fine Text Filtering, Greyscale (4-bit / 8-bit) 100 x 100dpi, 120 x 120dpi, 150 x 150dpi, 200 x 200dpi, 240 x 240dpi, 300 x 300dpi	

<b>PRODUCT FEATURES</b>	Deskew Auto Page Size Detection Ultrasonic Double Feed Detection Colour Dropout (RGB) / Enhancement (R only) Edge Emphasis Preset Gamma Curve Scan Area Setting Batch Separation Continuous Scanning Image Quality Assurance function** Jogger Function
<b>BUNDLED SOFTWARE</b>	Canon Scanning Utility for CR-190i (Incl. Canon Scanner Driver) Ranger Driver MICR: E13B / CMC7, OCR: E13B / OCR-A / OCR-B CR-190i SDK: CR-SDK / CR-SDK.NET / Ranger (Ranger API) (SDKs available through Canon Business Solutions Developer Programme - <a href="http://www.canon-europe.com/bsdip">www.canon-europe.com/bsdip</a> )
Consumables	Exchange Roller Kit Ink Disposal Tank
Suggested Daily Duty Cycle	Approx. 24,000 sheets / day
<p>* Actual scanning speed may vary depending on your system configuration and PC specification. ** Image Quality Assurance function is only available through SDK.</p> <p>Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice.™ and ©: All company and / or product names are trademarks of their respective manufacturers in their markets and / or countries.</p>	



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Canon Inc  
canon.com

Canon Europe  
canon-europe.com

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Canon (UK) Ltd  
Woodhatch, Reigate  
Surrey RH2 8BF  
Telephone No: 01737 220000  
Facsimile No: 01737 220022  
canon.co.uk

Canon Ireland  
Arena Road, Sandyford Industrial Estate  
Dublin 18, Ireland  
Telephone No: 01-2052400  
Facsimile No: 01-2958141  
canon.ie

