

High-performance  
cheque scanning  
that is fast, accurate  
and reliable

**CR-190i / CR-190i UV**  
Compact Cheque Scanner /  
With UV Reader

**you can**



imageFORMULA

**Canon**



## Scan your cheques, coupons and vouchers quickly and precisely with the imageFORMULA CR-190i / CR-190i UV and boost your productivity

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

### Fast, precise scanning

Rapid scanning speeds of up to 190 cheques per minute make both the CR-190i / CR-190i UV 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 / CR-190i UV are exceptionally productive devices that deliver outstanding levels of accuracy.

### Information you can trust

Both scanners are 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.

### Optimum quality outputs

The CR-190i / CR-190i UV'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.



# Three Pocket Sorting

To give you added confidence and flexibility, the CR-190i and CR-190i UV have a three pocket sorting system. Two motor drive units work independently of each other, allowing you to separate mission-specific documents into designated output pockets.



**B&W  
SPEED**



**DAILY DUTY  
CYCLE**



**AUTOMATIC  
DOCUMENT  
FEEDER**

CR-190i / CR-190i UV	190cpm	24,000 scans/day	250 sheets
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## 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 / CR-190i UV 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 / CR-190i UV are 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

Both CR-190i / CR-190i UV include Scanning Utility software, a Ranger driver and also ISIS and TWAIN drivers, allowing organisations to use the devices across a broad range of scanning applications. In addition, various Software Development Kits (SDK) are available for partners to create customised scanning applications for their customers.

### CR-190i UV: increasing payment processing security

The imageFORMULA CR-190i UV model is equipped with UV sensors that can scan anti-fraud patterns printed on cheques with UV ink. It allows two images to be captured simultaneously – a black and white or greyscale image and a UV image – at a high-speed rate of up to 160cpm.

The CR-190i UV is ideal for cheque-fraud detection while offering the same efficient cheque processing capabilities of the CR-190i.

# Specification: imageFORMULA CR-190i & CR-190i UV

Type	Desktop Type Sheet Fed Scanner		
Document Reading Sensor	CMOS CIS Sensor 1200dpi		
Optical Resolution	CR-190i: RGB LED		
Light Source	CR-190i UV: UV LED		
Reading Side	CR-190i: Simplex / Duplex CR-190i UV mode: Front only		
Interface	High speed USB 2.0		
Dimensions	Tray closed: 476 (W) × 272 (D) × 214 (H) mm		
Weight	Approx. 8.4Kg		
Power Requirements	AC220 – 240V (50 / 60Hz)		
Power Consumption	<b>CR-190i:</b> Scanning: 52.8W Sleep Mode: less than 4.7W <b>CR-190i UV:</b> Scanning: 47.1W Sleep Mode: less than 3.8W		
Operating Environment	10 – 32.5°C (50 – 90.5°F), Humidity: 20 – 80% RH		
Environmental Compliance	RoHS and ENERGY STAR®		
<b>READING SPEED*</b> (American Cheque, 200dpi)	<b>CR-190i / CR-190i UV</b>	<b>CR-190i UV Mode</b>	
B & W	190 cpm (simplex) / 190 cpm (duplex)	160 cpm	
Greyscale	190 cpm (simplex) / 190 cpm (duplex)	160 cpm	
<b>DOCUMENT SPECIFICATIONS</b>			
Width	68 – 108 mm		
Length	120 – 245 mm		
Thickness	Automatic feeding: 64 – 157g/m <sup>2</sup> (0.08 – 0.2 mm)		
Paper separation	Corrugation Retard Roller Method		
Sorting Pockets	3 Output Pockets (200 sheets x 2, 50 sheets x 1)		
Feeder Capacity	250 sheets		

<b>OUTPUT</b>	
Mode	Black and White, Error Diffusion, Fine Text Filtering, Greyscale: 4 Bit / 8 Bit
Optical Resolution	CR-190i: 100 x 100dpi, 120 x 120 dpi, 150 x 150dpi, 200 x 200dpi, 240 x 240 dpi, 300 x 300dpi CR-190i UV: 100 x 100dpi, 120 x 120dpi, 150 x 150dpi, 200 x 200dpi
<b>PRODUCT FEATURES</b>	Deskew, Auto Page Size Detection, Ultrasonic Double Feed Detection, Colour Dropout (RGB), CR-190i UV (R) / Enhancement CR-190i (R), Background Colour: CR-190i (White), CR-190i UV (Black), Edge Emphasis, Preset Gamma Curve, Scan Area Setting, Batch Separation, Continuous Scanning, Image Quality Assurance function, Jogger Function
Imprinter	Dynamic Imprinting, 4-line, Can print bitmap, Ink level detection & warning
<b>BUNDLED SOFTWARE</b>	ISIS/TWAIN Driver Canon Scanning Utility for CR-190i (Incl. Canon Scanner Driver) Ranger Driver
MICR/OCR Options	MICR: E13B / CMC7, OCR: E13B / OCR-A / OCR-B SDK: CR-SDK / CR-SDK.NET / Ranger (Ranger API)
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. 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.™ &amp; ©: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.</p>	



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