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

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

you can









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.



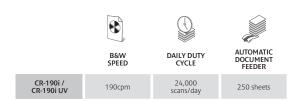
Three Pocket Sorting

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.

Eject pocket three:
50 items

Eject pocket two:



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.

200 items

Eject pocket one: 200 items

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

Туре	Desktop Type Sheet Fed Scanner	
Document Reading	CMOS CIS Sensor	
Sensor	1200dpi	
Optical Resolution		
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	CR-190i:	
	Scanning: 52.8W	
	Sleep Mode: less than 4.7W	
	CR-190i UV:	
	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®	
READING SPEED*		
(American Cheque, 200dpi)	CR-190i / CR-190i UV	CR-190i UV Mode
B & W	190 cpm (simplex) / 190 cpm (duplex)	160 cpm
Greyscale	190 cpm (simplex) / 190 cpm (duplex)	160 cpm
DOCUMENT		
SPECIFICATIONS		
Width	68 - 108 mm	
Length		
Thickness		
Paper separation	Corrugation Retard Roller Method	
Sorting Pockets	3 Output Pockets (200 sheets x 2, 50 sheets x 1)	
Feeder Capacity	250 sheets	

OUTPUT Mode	Black and White, Error Diffusion, Fine Text Filtering,
riode	Greyscale: 4 Bit / 8 Bit
Optical Resolution	
	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
PRODUCT FEATURES	
	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 Seperation, Continuous Scanning,
	Image Quality Assurance function, Jogger Function
Imprinter	Dynamic Imprinting, 4-line, Can print bitmap, Ink level detection & warning
BUNDLED SOFTWARE	acception a warming
DONDEED SOI WARE	ISIS/TWAIN Driver
	Canon Scanning Utility for CR-190i (Incl. Canon Scanner Driver)
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ranger Driver
	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	
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* 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.
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Canon Electronics Inc canon.com

Canon Europe canon-europe.com

English Edition © Canon Europa N.V., 2013 Canon Europe Ltd 3 The Square Stockley Park Uxbridge Middlesex UB11 1ET United Kingdom

