imageFORMULA

CR-190i II
CR-135i II
CR-190i II UV
CR-135i II UV

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High-performance cheque scanners perfect for centralised batch scanning

Processing efficiency

Improve cheque, vouchers and coupons processing efficiency with one device combining stack alignment (CR-190i II series only), scanning, MICR reading, endorsement printing and sorting operations.

Smart UV scanning

For added flexibility, choose the dedicated UV model that includes built-in UV sensors for scanning anti-fraud patterns printed on cheques. UV scanning enables you to easily capture two images simultaneously: a black-and-white (or greyscale) image and a UV image.

CR-135i II series

B&W
SPEED
135 cpm

BUILT-IN
endorsement
IMPRINTER

DAILY DUTY
CYCLE
24,000 SCANS/DAY

AUTOMATIC
DOCUMENT FEEDER
250 sheets

CR-190i II series

B&W
SPEED
190 cpm

BUILT-IN
endorsement
IMPRINTER

DAILY DUTY
CYCLE
24,000 SCANS/DAY

AUTOMATIC
DOCUMENT FEEDER
250 sheets

AUTOMATIC
CHEQUE
ALIGNMENT

Canon

imageFORMULA CR-135i II and CR-190i II series

Versatile, high-speed scanning

Enjoy fast, efficient and reliable batch scanning of cheques, vouchers and coupons with the Canon imageFORMULA CR-135i II and CR-190i II scanners. Banks and retailers will find its accurate scanning, at speeds of up to 135 and 190 cheques per minute respectively, offers a great way to increase productivity in back office workflows.

Precise MICR reading

You're assured that cheque data will be read correctly first time, with 99.999%* read accuracy, thanks to the scanner's Magnetic Ink Character Recognition (MICR) supported by simultaneous Optical Character Recognition (OCR).

Reliable feeder

Reduce misreading and omissions with the high capacity 250-sheet document feeder that offers ultrasonic double feed detection. To keep your workflows even more efficient, scanned cheques can be sorted into three output pockets, based on MICR and OCR data.**

Effortless imprinting

Quickly and easily print endorsement on the back of cheques while scanning using the built-in imprinter. Up to four 48-character lines of text, as well as bitmap images, can be printed in high quality in just a single motion, helping you sustain a high standard of productivity.

Convenient one-button cheque alignment (CR-190i II series)

Save the time of manually aligning batches of cheques prior to scanning, or the cost of a separate unit, with the built-in cheque jogger. It aligns cheques in the CR-190i II's feeder before scanning, ensuring that all your MICR data is read accurately.

Easy maintenance

* Based on Canon testing
** Depending on the capabilities of the application used
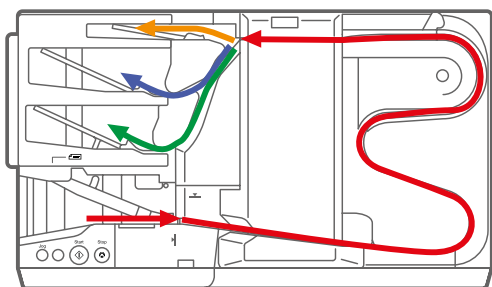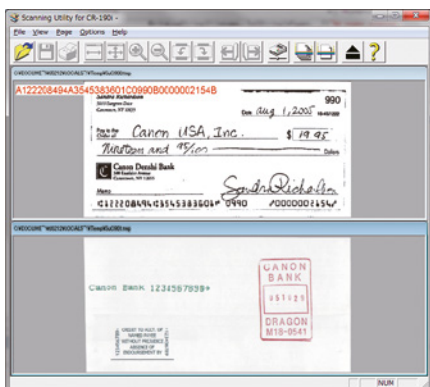
Advanced image processing

Capture both printed and handwritten text accurately every time. Fine Text Filtering technology significantly reduces unwanted noise from patterned document background colours or images.

Three Pocket Sorting

Scanned cheques can be automatically sorted based on MICR and OCR data (application support required) between three available pockets. Two of them can hold 200 and third one 50 cheques.

Simple integration

Easily integrate with a range of scanning applications using the bundled software drivers: Canon Scanning Utility, Canon ISIS / TWAIN driver and a driver based on Silver Bullet Technology's Ranger Transport API software. Application developers can take advantage of the SDK to create custom capabilities.

RAPID, RELIABLE SCANNING AND COMPACT DESIGN

Technical Specifications

imageFORMULA
CR-190i II
CR-135i II
CR-190i II UV
CR-135i II UV

CR-135i II / CR-135i II UV

Scanner Type	Cheque Scanner with automatic sheet feeding
Interface	Hi-Speed USB 2.0
Daily duty cycle	Approx. 24,000 scans/day
Dimensions (WxDxH)	476 x 272 x 214 mm
Weight (Kg)	Approx. 8.0 Kg
Scanning sensor unit	CMOS CIS
Optical resolution	1200 dpi
Light source	CR-135i II - RGB LED CR-135i II UV - RGB LED and UV LED
Black and white speed	CR-135i II - 135cpm (cheques/min) CR-135i II UV - 135cpm (120cpm in UV mode)
Output resolution	100 dpi, 120 dpi, 150 dpi, 200 dpi, 240 dpi, 300 dpi Up to 200 dpi in UV mode (CR-135i II UV)
Output mode	Black and White Error Diffusion Fine Text Filtering Greyscale (16 and 256-level) UV scan (CR-135i II UV)
Special features	Deskew Auto Page Size Detection Ultrasonic Double Feed Detection Colour Dropout (R/G/B)
Width	68 - 108 mm
Length	120 - 245 mm
Thickness and weight	0.08 - 0.2 mm 64 - 157 g/m²
Scanning side	CR-135i II - Simplex / Duplex CR-135i II UV - Simplex / Duplex / Front only in UV mode
Paper separation	Corrugation Retard Roller Method
Feeder capacity	250 sheets or 25 mm stack
Windows	ISIS / TWAIN Driver for Windows XP / Vista / 7 / 8 / 8.1 / 10 Canon Scanning Utility Ranger Driver
MICR	E13B / CMC-7
OCR	E13B / OCR-A / OCR-B / Cheque Writer / Universal Character
SDK	CR-SDK / CR-SDK.NET / Ranger (Ranger API)
Power requirements	AC220 - 240V (50 / 60Hz)
Power consumption	Scanning: 43W or less Sleep Mode: 2.7W or less
Operating environment	Temperature: 10 - 32.5°C Humidity: 20 - 80% RH
Environmental compliance	RoHS and ENERGY STAR
Consumables	Exchange Roller Kit Ink Disposal Tank Black Ink Cartridge for imprinter: PG-545 / PG-545XL / PG-445 / PG-445XL

CR-190i II / CR-190i II UV

Scanner Type	Cheque Scanner with automatic sheet feeding and alignment
Interface	Hi-Speed USB 2.0
Daily duty cycle	Approx. 24,000 scans/day
Dimensions (WxDxH)	476 x 272 x 214 mm
Weight (Kg)	Approx. 8.4 Kg
Scanning sensor unit	CMOS CIS
Optical resolution	1200 dpi
Light source	CR-190i II - RGB LED CR-190i II UV - RGB LED and UV LED
Black and white speed	CR-190i II - 190cpm (cheques/min) CR-190i II UV - 190cpm (160cpm in UV mode)
Output resolution	100 dpi, 120 dpi, 150 dpi, 200 dpi, 240 dpi, 300 dpi Up to 200 dpi in UV mode (CR-190i II UV)
Output mode	Black and White Error Diffusion Fine Text Filtering Greyscale (16 and 256-level) UV scan (CR-190i II UV)
Special features	Deskew Auto Page Size Detection Ultrasonic Double Feed Detection Colour Dropout (R/G/B)
Width	68 - 108 mm
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Thickness and weight	0.08 - 0.2 mm 64 - 157 g/m²
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OCR	E13B / OCR-A / OCR-B / Cheque Writer / Universal Character
SDK	CR-SDK / CR-SDK.NET / Ranger (Ranger API)
Power requirements	AC220 - 240V (50 / 60Hz)
Power consumption	Scanning: 49W or less Sleep Mode: 2.7W or less
Operating environment	Temperature: 10 - 32.5°C Humidity: 20 - 80% RH
Environmental compliance	RoHS and ENERGY STAR
Consumables	Exchange Roller Kit Ink Disposal Tank Black Ink Cartridge for imprinter: PG-545 / PG-545XL / PG-445 / PG-445XL

All data is based on Canon standard testing methods except where indicated and subject to change without notice.

ForefrontTechnologies

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Partner Programme

ENERGY STAR

Canon