CR-190i || CR-135i || CR-190i || UV CR-135i || UV

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



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.



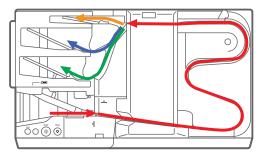
- * Based on Canon testing
- ** Depending on the capabilities of the application used





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







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 CMOS CIS Scanning sensor unit Optical resolution 1200 dpi

CR-135i II - RGB LED CR-135i II UV - RGB LED and UV LED Light source

CR-135i II - 135cpm (cheques/min) Black and white speed

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)

Black and White **Output mode** 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 120 - 245 mm Length

Thickness and weight 0.08 - 0.2 mm 64 - 157 g/m²

CR-135i II - Simplex / Duplex Scanning side

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) Scanning: 43W or less Power consumption Sleep Mode: 2.7W or less Operating environment Temperature: 10 - 32.5°C

Humidity: 20 - 80% RH **Environmental** RoHS and ENERGY STAR compliance

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





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

Cheque Scanner with automatic sheet feeding and alignment

Hi-Speed USB 2.0

Approx. 24,000 scans/day 476 x 272 x 214 mm Approx. 8.4 Kg CMOS CIS

1200 dpi

CR-190i II - RGB LED CR-190i II UV - RGB LED and UV LED CR-190i II - 190cpm (cheques/min)

CR-190i II UV - 190cpm (160cpm in UV mode) 100 dpi, 120 dpi, 150 dpi, 200 dpi, 240 dpi, 300 dpi Up to 200 dpi in UV mode (CR-190i II UV)

Black and White Error Diffusion Fine Text Filtering
Greyscale (16 and 256-level) UV scan (CR-190i II UV)

Deskew

Auto Page Size Detection
Ultrasonic Double Feed Detection Colour Dropout (R/G/B)

68 - 108 mm 120 - 245 mm 0.08 - 0.2 mm 64 - 157 g/m²

CR-190i II - Simplex / Duplex

CR-190i II UV - Simplex / Duplex / Front only in UV mode

Corrugation Retard Roller Method

250 sheets or 25 mm stack

ISIS / TWAIN Driver for Windows XP / Vista / 7 / 8 / 8.1 / 10

Canon Scanning Utility Ranger Driver E13B / CMC-7

E13B / OCR-A / OCR-B / Cheque Writer / Universal Character

CR-SDK / CR-SDK.NET / Ranger (Ranger API)

AC220 - 240V (50 / 60Hz) Scanning: 49W or less Sleep Mode: 2.7W or less Temperature: 10 - 32.5°C Humidity: 20 - 80% RH RoHS and ENERGY STAR

Exchange Roller Kit Ink Disposal Tank

Black Ink Cartridge for imprinter:

PG-545 / PG-545XL / PG-445 / PG-445XL

Partner Programme



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