



HIGHLY EFFICIENT, COMPACT CHEQUE SCANNERS

Ultra-compact and reliable cheque scanners for banks, financial institutions and retailers who need fast accurate digital processing of cheques, vouchers, and coupons from a compact device.

SPACE EFFICIENT

The ultra-compact design of the CR-L1 / CR-L1 UV scanners provides a tiny footprint for convenient positioning of the device on teller counter tops where space is at a premium.

PRODUCTIVITY

Productive scanning of up to 45 cheques per minute in B/W, and greyscale; and 20 cheques per minute in colour. Load up to 50 cheques in the automatic document feeder (ADF) for fast batch scanning, Capable to get through busy workloads with a suggested daily duty cycle of up to 3,000 scans/day.

CR-L1

B&W
SPEED
45 cpm

BUILT-IN
pre-scan
IMPRINTER

DAILY DUTY
CYCLE
3,000 SCANS/DAY

AUTOMATIC
DOCUMENT FEEDER
50 sheets

CR-L1 UV

B&W
SPEED
45 cpm

BUILT-IN
pre-scan
IMPRINTER

DAILY DUTY
CYCLE
3,000 SCANS/DAY

AUTOMATIC
DOCUMENT FEEDER
50 sheets

UV SCANNING

imageFORMULA CR-L1/CR-L1 UV

The Canon imageFORMULA CR-L1 series are compact cheque scanners designed to process up to 3,000 cheques a day, saving time and maximising productivity thanks to a series of useful features

HIGH IMAGE QUALITY

Delivers consistently high-quality images with several advanced image processing tools that enhance text readability and help save time. Fine Text Filtering mode significantly reduces unwanted noise from documents with patterned background colours or images

ACCURATE PROCESSING

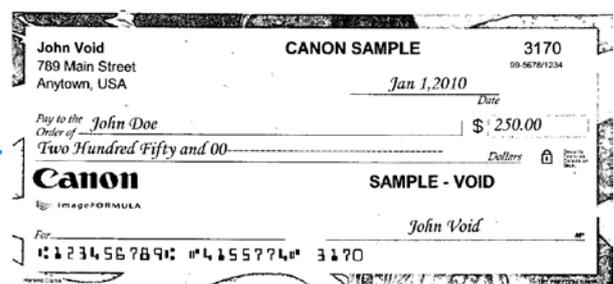
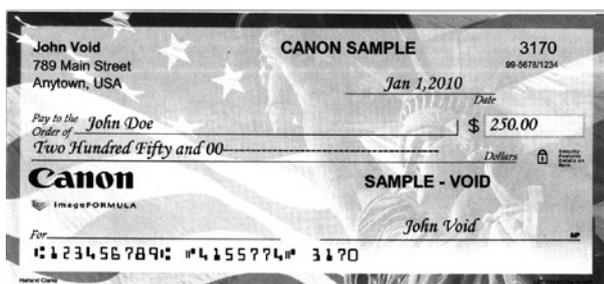
For even more accurate recognition utilise MOCR Technology to combine both magnetic ink reading (MICR) and optical character recognition (OCR).

RELIABLE FEEDING

Canon's robust paper handling technology allows reliable, smooth feeding and processing of various media including cheques, coupons and payment vouchers. Maximise productivity and minimise errors with features such as infrared double feed detection and paper thickness adjustment.

BUILT-IN IMPRINTER

The built-in imprinter lets you print information on the back side of cheques as they are being scanned. The imprinted text, which appears in the scanned image, can include a fixed set of characters, date, incremental numbers, time, arrow symbols or any combination of the above.



Fine Text Filtering mode delivers clearer, more legible images



COMPACT UV CHEQUE SCANNING

The dedicated CR-L1 UV Cheque Scanners includes highly efficient UV scanning technology to help institutions detect counterfeit and tampered cheques, using sophisticated UV sensors. This model also supports 300 dpi resolution scanning in UV scan mode.



CR-L1 UV model: Built-in UV sensor

EASY INTEGRATION

The CR-L1 series include its own standalone scanning application, Scanning Utility, and comes with a Ranger driver, which allows it to be used with a wide range of leading cheque processing software. Easy integration and customisation is possible using the CR Software Development Toolkit.



TECHNICAL SPECIFICATIONS



GENERAL INFORMATION

| | |
|--------------------|--|
| Type | Compact cheque scanner with ADF and imprinter |
| Interface | Hi-Speed USB 2.0 |
| Daily duty cycle | 3,000 scans/day |
| Dimensions (WxDxH) | 140 x 223 x 188 mm |
| Weight | Approx. 2.1 kg |
| Scanning element | CMOS CIS |
| Light source | CR-L1: RGB LED CR-L1 UV: RGB LED and UV LED |

SCANNING SPECIFICATIONS

| | |
|---|---|
| Scanning side | Simplex / Duplex |
| Scanning speed ^[1] (200dpi, Personal Cheque) | CR-L1 : 45 cpm (B&W, Greyscale), 20 cpm (Colour) CR-L1 UV : 45cpm (B&W, Greyscale), Colour not supported |
| Scanning output resolutions | B&W/Greyscale/Colour : 100dpi, 120dpi, 200dpi, 300dpi |
| Scanning modes | Black-and-white Fine text filtering Error diffusion 16 level grayscale 256 level grayscale 24-bit Colour |
| Supported image processing functions | Auto Page Size Detection, Fine Text Filtering, Imprinter, Border Removal, Edge Emphasis, Add-on, Contrast Adjustment, MICR/MICR, Deskew, OCR, Shading Compensation, Scan Area Setting, Multistream (supported by SDK), IQA (Supported by SDK) |
| MICR/OCR | MICR : E13B, CMC7 OCR : E13B, OCR-A, OCR-B, Cheque Writer, Universal Character |

DOCUMENT SPECIFICATIONS

| | |
|-------------------------------|---|
| Document feeding | Standard Feeding / Automatic Feeding |
| Document size | Width: 54 - 108 mm Length: 95 - 228 mm Long document mode: 2000mm |
| Document thickness and weight | 0.08 - 0.20 mm 64 - 157 gsm |
| Feeding capacity | 50 sheets |
| Exit Tray capacity | 50 sheets |

SOFTWARE

| | |
|--------------------------|--|
| OS Support | Microsoft Windows 7 (x32 & x64 Edition), 8.1 (x32 & x64 Edition), 10 (x32 & x64 Edition) Microsoft Windows Server 2008R2 SP1 or later, 2012R2, 2016 |
| Drivers and applications | Canon Driver Canon Scanning Utility Ranger Driver API CR Software Development Kit (CR-SDK) available through Canon's Developer Programme. |

POWER AND OPERATING REQUIREMENTS

| | |
|-----------------------|---|
| Power requirements | AC 220 - 240V (50/60 Hz) |
| Power consumption | Scanning: 15.8W or less Sleep mode: 2.3W or less |
| Operating environment | Temperature: 10 - 32.5 °C Humidity: 20 - 80 % RH |

ACCESSORIES AND CONSUMABLES

| | |
|----------------------------|----------------------------------|
| Accessories | RP10 Receipt Printer |
| Consumables ^[2] | Ink cartridge (Red, Blue, Green) |

General notes
^[1] Personal Cheque (152 x 70 mm) in 200 dpi.
^[2] The ink cartridge is not included with the scanner.

Disclaimers
Scanning speed may vary depending on PC environment, scanner settings, and other factors. Specifications are subject to change without notice.

