Canon
Delighting You Always

imageFORMULA
CR-120
CR-120 UV

Smart Scanning Solutions
with a Small Footprint

This compact and high-performance cheque scanner is ideal for operations in teller counter environments. It offers best-in-class reliability to process and scan up to 120 cheques per minute. With attractive features incorporated in a compact design, the CR-120 promises to deliver quality, speed, and efficiency.

120 cpm

A Compact Scanner is Your Ideal Device
for Improving Cheque Processing Efficiency in Limited Workspaces.

The CR-120 cheque scanner is ideal for teller capture and back-counter capture inside your Financial Institution, as well as for remittance, lockbox, and RDC (Remote Deposit Capture) for higher-volume customers. Not only does it boast high-speed and accurate scanning capabilities which increase productivity, but by including a wide array of scanning functions into a single, compact device, this scanner enables you to get your work done more efficiently than ever before.

All of this means that your counter work can be done more efficiently and productively, allowing you to focus on what matters most... quality interactions and engagement with your customers. With a compact multi-function scanner, you can transform your branches into customer-first service centers with optimized performance.

- Built-in Imprinter
- Magnetic Swipe Reader (MSR)
- Card Scanning
- UV Print for Fraud Protection
- Accurate Double Feed Detection
- Designed for Easy Maintenance
- Ultra-Reliable MICR Reading

Maximize Productivity for Limited Workspaces

Card-reading slot (Standard equipped)

Magnetic Swipe Reader (Option)

Built-In Features for Safety
The CR-120 is primarily designed for teller capture and back-counter environments but fits very well in remittance, lockbox and RDC, as well. For teller capture, its multi-function design eliminates the need for additional devices at the teller window. It boosts productivity and efficiency, making it possible to maximize investment ROI while also increasing utilization.

Space-Saving for Improved Efficiency
The CR-120 is highly compact and takes up minimal space. It's even easier to set up for use in corner spaces of partitioned counters.

Faster Scanning for Enhanced Productivity
The small device is loaded with features adopted from high-end devices, which enables high processing speed of 120 cpm. That means work is done faster, and customers spend less time waiting.

Contributing to Greater Customer Trust
The CR120 is equipped with a dedicated card-reading slot and magnetic card reading functionality*, to process a variety of deposit and payment related documents such as cheques, stubs, receipts, bank cards, and ID cards. Waiting time will be vastly reduced as counter staff can complete their tasks up front while engaging with customers.

and Peace of Mind
In addition to the functions above, the device is also equipped with functions to make scanning operations more efficient and secure. **Built-in Imprinter**
enables printing of important information needed to meet audit trail requirements.

Automatic Page Size Detection
accurately detects the size of each original document and saves the time and trouble of sorting batches by paper size.

UV Print for Fraud Protection

UV Print

The CR-120 UV is equipped with UV sensors, which can scan anti-fraud patterns printed on cheques with UV ink.

Easy Integration

Focus on Vital Info With Clear Scanning

The Fine Text Filtering Function removes backgrounds and other unnecessary noise, allowing focus on the text, resulting in a clearer and more accurate scan.

*Requires the optional Magnetic Swipe Reader Unit.

Ranger™ Transport API

The CR-120 supports popular cheque scanning software including the industry standard, Ranger Transport API. Existing systems can be easily expanded to include the CR-120 with ease.

Scanning Drivers/Applications
The device supports the following drivers/applications:
- ISIS/TWAIN
- Canon unique driver
- Scanning Utility

Reliable Quality, Guaranteed

A winning combination of cutting-edge Canon technology and guaranteed quality.

Enhanced MICR reading
Thanks to Canon's magnetic/optical character recognition (MOCR) technology, text scanning has been greatly improved, thereby reducing scanning errors and manual input of data. Processing speed has been increased due to enhanced character recognition.

Fine Text Filtering

Accurate Double Feed Detection
Along with a range of high-end equipment, the built-in ultrasonic sensor prevents missed scans to ensure work is done quickly and efficiently.

Designed for Easy Maintenance
The cover opens to the side, making it easy to clear a misfeed. This also allows access to scanning glass and feed rollers without exposing or risking damage to sensitive hardware comp performed by users themselves, thereby lowering operational costs.

Canon imageFORMULA CR-120/CR-120 UV Specifications

Document feeding	Automatic / Non-separation
Document size	Width: 60 - 108 mm Length: 90 - 245 mm
Document thickness and weight	0.08 - 0.20 mm, 64 - 157 g/m^2
Feeding capacity	15 mm stack or 150 sheets (Output: 200 sheets)
Scanning element	CMOS CIS
Light source	RGB LED (CR-120 UV: UV LED + RGB LED)
Scanning side	Simplex / Duplex
Scanning modes	Black-and-white, Fine text filtering, Error diffusion, 256 level grayscale, 16 level grayscale, 24-bit Color (Card Scan only)
Scanning resolutions (primary scan lines x secondary scan lines)	**Scan a cheque (Black and White/Grayscale):** Output: 100 x 100 dpi, 120 x 120 dpi, 150 x 150 dpi, 200 x 200 dpi, 240 x 240 dpi, 300 x 300 dpi **Scan a card (Color):** Output: 600 x 600 dpi
Scanning speed[1] (200 dpi Personal Cheque – 152 x 70 mm)	CR-120: 120 cpm / CR-120 UV: 120 cpm (UV Scan mode)
MICR/OCR	MICR: E13B, CMC7 OCR: E13B, OCR-A, OCR-B, Universal Character
OS	Windows Vista 32 bit & 64 bit Edition (SP2 or later), Windows 7 32 bit & 64 bit Edition (SP1 or later), Windows 8.1 32 bit & 64 bit Edition, Windows 10 32 bit & 64 bit Edition, Windows Server 2008R2, Windows Server 2012R2
Interface	Hi-Speed USB 2.0 (Type A x 1, Type B x 1)
Supported image processing functions	Auto Page Size Detection, Color Dropout/Enhancement, Fine Text Filtering, Imprinter, Border Removal, Edge Emphasis, Add-on, IQA, Contrast Adjustment, MOCR/MICR, Deskew, Color Deviation Correction, OCR, Shading Compensation, Scan Area Setting, Multistream
Power requirements	AC 100 - 120V (60 Hz), AC 220 - 240V (50/60 Hz)
Power consumption	Scanning: 23W or Less, Sleep mode: 2.1W or less
Operating environment	Temperature: 10 - 32.5 °C, Humidity: 20 - 80 % RH
Dimensions (H x W x D)	203.6 x 170 x 238.2 mm
Weight	Approximately 3.2 kg
Options/Consumables	Magnetic Swipe Reader, Exchange Roller Kit, Ink Disposal Tank, Ink cartridge[2]
Ink Cartridge	Canon Ink Cartridge: PG-745/745XL

* Specifications are subject to change without notice.

[1] Scanning speed may vary depending on PC environment, scanner settings, and other factors.

[2] The ink cartridge is not included with the scanner. Purchase an ink cartridge separately, as shown below.

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