

# 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, CR-120 promises to deliver quality, speed, and efficiency.



Business **Can** be simple



## 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

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.

## Easy Integration

### 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.

## 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.

\*Requires the optional Magnetic Swipe Reader Unit.



Card-reading slot (Standard equipped)



Magnetic Swipe Reader (Option)

## Built-In Features for Safety 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



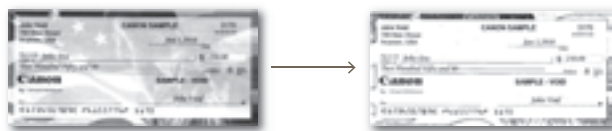
The CR-120 UV is equipped with UV sensors, which can scan anti-fraud patterns printed on cheques with UV ink.

## 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.

## 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.



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 components.

Maintenance and restoration can be 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<br>Length: 90 - 245 mm                                                                                                                                                                                                                            |
| Document thickness and weight                                       | 0.08 - 0.20 mm, 64 - 157 g/m <sup>2</sup>                                                                                                                                                                                                                            |
| 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<br>(primary scan lines x secondary scan lines) | <b>Scan a cheque (Black and White/Grayscale):</b><br>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<br><b>Scan a card (Color):</b><br>Output: 600 x 600 dpi                                                        |
| Scanning speed*1<br>(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<br>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),<br>Windows 8.1 32 bit & 64 bit Edition, Windows 10 32 bit & 64 bit Edition, Windows Server 2008R2,<br>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,<br>Add-on, IQA, Contrast Adjustment, MOCR/MICR, Deskew, Color Deviation Correction, OCR, Shading Compensation,<br>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.



Delighting You Always

## SOUTH & SOUTHEAST ASIA REGIONAL HEADQUARTERS

### Canon Singapore Pte. Ltd.

1 Fusionopolis Place, #15-10, Galaxis, Singapore 138522  
Tel: 65-6799 8888 | Fax: 65-6799 8882  
www.canon-asia.com | www.canon.com.sg

#### AFGHANISTAN

**Megaplus Afghanistan Limited.**  
House No.83, Street No.3, Taimani,  
District No.10, Kabul, Afghanistan.  
Tel: (+93) 700-228832 / (+93) 700-979510  
Fax: (+93) 20-2212363  
Email: Info@megaplus.com.af

#### BANGLADESH

**Flora Limited**  
Adamjee Court Annex-2 (4<sup>th</sup> Floor)  
119-120 Motijheel C/A,  
Dhaka-1000, Bangladesh  
Tel: 88-02-9567846 | Fax: 88-02-9550030  
www.floralimited.com

#### J.A.N. Associates

House-13/1, Vasa Soinik Abdur Rashid,  
Torkabagish Sarak, Road # 5, Dhanmondi R/A,  
Dhaka, Bangladesh  
Tel: 880-2-9660601 | Fax: 880-2-8610410  
Email: jan@bangla.net  
www.jan-bd.com

#### BRUNEI

**Interhouse Company**  
No. 5-7 Bunut Jaya Complex  
Spq 574 Jalan Tutong BF1320  
P.O. Box 423, Seri Complex  
Bandar Seri Begawan, BA1779  
Brunei Darussalam  
Tel: 673-2653001 | Fax: 673-2653003

#### CAMBODIA

**Royal Cambodia Co., Ltd**  
#437 Preah Monivong Blvd, Phnom Penh  
Kingdom of Cambodia  
Tel: 855-23-428955 | Fax: 855-23-722961

#### HONG KONG

**Canon Hongkong Co., Ltd.**  
19/F., The Metropolis Tower,  
10 Metropolis Drive, Hung Hom,  
Kowloon, Hong Kong  
Tel: 852-3191 2388 | Fax: 852-2369 3800  
www.canon.com.hk

#### INDIA

**Canon India Private Limited**  
7<sup>th</sup> Floor, Tower B, Building #5,  
DLF Epitome, DLF Phase III,  
Gurgaon 122002, Haryana, India  
Tel: 91-124-416 0000 | Fax: 91-124-416 0011  
www.canon.co.in

#### INDONESIA

**PT Datascrip**  
Gedung Datascrip  
Jl. Selaparang Blok B-15 Kav.9,  
Kompleks Kemayoran,  
Jakarta Pusat 10610  
Tel: 62-21-6544515 | Fax: 62-21-6544811 to 13  
www.datascrip.com

#### MALAYSIA

**Canon Marketing (Malaysia) Sdn. Bhd.**  
No.6-2-01, Tower 6, UOA Business Park,  
Jalan Pengaturcara U1/51A,  
Seksyen U1, 40150 Shah Alam,  
Selangor Darul Ehsan, Malaysia  
Tel: 1800-88-2000 | Fax: 60-3-5567 9441  
www.canon.com.my

#### MALDIVES

**Simdi Company Pvt Ltd.**  
G.Manaam Building, 2/1 Neeloafaru Magu,  
Male' 20-129, Maldives  
Tel: 960-333 4421 | Fax: 960-333 4424

#### MONGOLIA

**ITZone**  
4<sup>th</sup> floor, City Tower, Great Chinggis khan square 5,  
Baga toiruu 14200, 8<sup>th</sup> khoroo,  
Sukhbaatar district, Ulaanbaatar, Mongolia  
Tel: +(976)-11-323705 | Fax: +(976)-11-312699

#### MYANMAR

**Myanmar Golden Rock International Co., Ltd**  
6<sup>th</sup> Floor, Building 18, Myanmar ICT Park,  
Hlaing Township, Yangon, Myanmar  
Tel: 95-1-654810 to 19 (10 Lines),  
95-1-654844 to 48 (5 Lines)  
Fax: 95-1-654820

#### NEPAL

**International Electronics Concern (P) Ltd**  
Kha 14, 1<sup>st</sup> Floor, Haratibhawan Putalisadak,  
Ramshah Path, Kathmandu, Nepal  
P.O. Box 12588  
Tel: 977-1-442 1991 | Fax: 977-1-442 1909

#### PAKISTAN

**Shirazi Trading Company (Pvt.) Ltd**  
8<sup>th</sup> Floor, Adamjee House, I.I. Chundrigar Road,  
Karachi 74000 Pakistan  
Tel: 92-21-3241 (7659), (7737) or (7746)  
Fax: 92-21-(3241 7747), (3242 0417) or (3242 0418)  
www.shirazitrading.com.pk

#### PHILIPPINES

**Canon Marketing (Philippines), Inc.**  
7F Commerce and Industry Plaza,  
1030 Campus Avenue corner Park Avenue,  
McKinley Hill, Fort Bonifacio, Taguig City,  
Metro Manila, Philippines 1634  
Tel: 632-884 9090 | Fax: 632-556 1456  
www.canon.com.ph

#### SRI LANKA

**Metropolitan Office (Pvt) Ltd**  
12, Magazine Road,  
Colombo 08, Sri Lanka  
Tel: 94-11-470 0200 | Fax: 94-11-470 0267  
www.metropolitan.lk

#### TAIWAN

**Canon Marketing (Taiwan) Co. Ltd**  
19F, No.100, Sec.2 Roosevelt Road,  
Taipei, Taiwan, R.O.C  
Tel: 886-2-6632 8888 | Fax: 886-2-7725 5860  
www.canon.com.tw

#### THAILAND

**Canon Marketing (Thailand) Co. Ltd.**  
No.98 Sathorn Square Office Tower,  
22<sup>nd</sup> - 24<sup>th</sup> floor, North Sathorn Road,  
Silom, Bangkok, Bangkok 10500  
Tel: 66-2-344 9999 | Fax: 66-2-344 9960  
www.canon.co.th

#### VIETNAM

**Canon Marketing (Vietnam) Co. Ltd**  
Level 10, President Place,  
93 Nguyen Du, Dist 1,  
Ho Chi Minh City, Vietnam  
Tel: 84-8-3820 0466 | Fax: 84-8-3820 0477  
www.canon.com.vn

Dealer's Stamp

0206W759 © 2017 Canon Singapore Pte. Ltd.  
All rights reserved. Printed in Singapore.



ENERGY STAR and the ENERGY STAR mark are registered U.S. trademarks. Other company names and product names appearing in this brochure are the registered trademarks and/ or trademarks of their respective owners.

Company names and product names appearing in this brochure are the registered trademarks and/ or trademarks of their respective owners.