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imageFORMULA
CR-120

20 YEAR ANNIVERSARY
CANON DOCUMENT SCANNER

EFFECTIVE CHECK PROCESSING FOR TELLER CAPTURE

Enhance traditional check processing with the easy-to-operate, compact Canon imageFORMULA CR-120 check transport. With high-speed, high-quality, precise processing capabilities plus reliable item handling and other useful features, the CR-120 check transport can help promote adaptability and productivity for financial applications.

WIDE RANGE OF USES

The CR-120 check transport can help assist in moving paper checks and related documents in front-counter teller settings, merchant/remote deposit capture (RDC) applications, and remittance processing, as well as higher-volume tasks such as back-office/branch settings, and lockbox applications. It enables users—in environments such as banks, credit unions, and retail—to improve their point-of-presentment applications by helping to automate funds deposits for quicker transaction times, decrease errors and fraud, improve customer service, and lower capital and processing costs.

SIMPLE, COMPACT DESIGN

Optimal for teller counters and merchant desks, the CR-120 check transport's small footprint can fit comfortably on countertops with limited workspace. The scanner is designed for easy use and has multifunction compatibility, combining the functions of many peripherals found at the teller station into one single device, thereby reducing counter space requirements and helping to improve efficiency.

RELIABLE ITEM HANDLING

Scanning up to 120 items per minute* with a 150-item Automatic Document Feeder (ADF), the CR-120 check transport can perform high-speed scanning for a wide range of document types, such as business and personal checks. It also includes a built-in ultrasonic sensor to help prevent misfeeds. To handle these, the cover of the CR-120 check transport can be opened, which also allows users access to the scanning glass and feed rollers for routine maintenance.

ROBUST, SCALABLE FEATURES

The CR-120 check transport is equipped with features for efficient check processing. To help meet strict audit regulations, the built-in, five-line imprinter prints and captures endorsement information on checks. The CR-120 check transport is also modular and scalable, with functionality that can be added as required. With a dedicated card-scanner, users can scan plastic or embossed cards, and with the Magnetic Swipe Reader (MSR),** users can also capture information from the magnetic stripe of a bank card. The CR-120 check transport also supports the most commonly used check scanning software, including the industry standard, Ranger Transport API.

PRECISE IMAGE CAPTURE

To deliver high image quality, the CR-120 check transport is equipped with image processing features such as Fine Text Filtering to allow for sharper image capture with less distortion, delivering better Optical Character Recognition (OCR) accuracy. Magnetic Optical Character Recognition (MOCR) is also used, combining Magnetic Ink Character Recognition (MICR) reading with OCR processing to capture accurate MICR data. These capabilities ensure high read rates that mitigate risks associated with digitizing checks.

ENVIRONMENT IN MIND

The CR-120 check transport meets ENERGY STAR® guidelines for energy efficiency and complies with both the EU RoHS and WEEE directives for the reduction of hazardous substances and waste products.▲ CR-120 is EPEAT Silver certified.

CUSTOMER CARE

For investment protection, eCarePAK options are available to extend service beyond the initial one-year advanced exchange warranty period. This helps to save on costs associated with post-purchasing maintenance and maximize uptime throughout the product life.

DEVELOPMENT AND CUSTOMIZATION

The CR Software Development Kit (CR-SDK)▲▲ is available for those who wish to create applications that take advantage of the CR-120 scanner's array of additional capabilities. These include an advanced imprint function, an add-on function that enables printing on images only, an image quality assurance (IQA) function that checks image quality, and the ability to control applications using the buttons on the machine. An application can also be developed for the .net environment.

SPECIFICATIONS

Type:	Compact Check Transport
Document Feeding:	Automatic
Document Size	
Width:	2.7" – 4.3"
Length:	3.5" – 9.6"
Document Weight	
Automatic Feeding:	0.003" – 0.008" (17 – 40 lb. Bond)
Feeder Capacity:	150 Sheets
Scanning Element:	Contact Image Sensor (CMOS)
Light Source:	RGB LED
Scanning Modes:	Grayscale, Black and White, Fine Text Filtering, Error Diffusion, 256- Level Grayscale, 16-Level Grayscale, 24-bit Color (card scan only)
Optical Resolution:	600 dpi
Output Resolution:	100/120/150/200/240/300/600 dpi (600 dpi for card scanning only)
Grayscale:	256-Level, 16-Level

Scanning Speeds*	**Simplex**	**Duplex**
Black and White:	Up to 120 cpm	Up to 120 cpm
Grayscale:	Up to 120 cpm	Up to 120 cpm

MICR/OCR	
MICR:	E13B/CMC-7
OCR:	E13B/OCR-A/OCR-B /Check Writer/ Universal Character
Interface:	Hi-Speed USB 2.0
Supported OS:	Windows Vista 32-bit and 64-bit (SP2 or later); Widows7 (SP1 or later); Widows 8.1 32-bit and 64-bit; Widows 10 32-bit and 64-bit; Windows Server 2008R2/2012R2
Dimensions (H x W x D):	8.0" x 6.7" x 9.4"
Weight:	Approx. 7.1 lb.
Power Consumption:	25 W or Less (Sleep Mode: 2.7 W or Less)
Suggested Daily Volume:	12,000 Scans▪
Bundled Software:	Ranger™ Transport API, Canon Scanning Utility
Compatible Ink Cartridges:▪▪	PG-245/245XL
Options:	Exchange Roller Kit, Imprinter Ink Absorber, Magnetic Swipe Reader, eCarePAK Extended Service
Other Features:	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
Item Number	
CR-120:	1722C001
CR-120 with MSR:	0132T237

* Examples based on typical settings, rated in checks per minute with 6" long U.S. personal checks at 200 dpi in black and white or grayscale.
** Magnetic Swipe Reader is only available for the CR-120 with MSR check transport.
▲ The facts and product statistics about EU RoHS and WEE were obtained from Canon Electronics Inc. as of 2016.
▲▲ In order to be eligible for the CR SDK, Canon U.S.A., Inc. must approve.
▪ Calculations based on scanning speed and assumed daily time of use.
▪▪ The ink cartridge is not included with the scanner. Cartridge sold separately.

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