Canon
SEE IMPOSSIBLE

imageFORMULA
CR-L1

CHECK PROCESSING FOR REMOTE DEPOSIT CAPTURE AND REMOTE LOCKBOX

The Canon imageFORMULA CR-L1 compact check transport is an easy-to-use solution for high-volume batch Remote Deposit Capture and remote lockbox check processing. With high-quality image scanning, precise MICR accuracy, and reliable item handling, the CR-L1 check transport can help distributed check processing.

DESIGNED SPECIFICALLY FOR REMOTE APPLICATIONS

Designed to streamline processes, the CR-L1 check transport is intended to meet the needs of high-volume batch Remote Deposit Capture (RDC) and remote lockbox check processing as part of an electronic deposit management solution. Small to medium-size businesses, remote offices, merchants, and other remote users can use the CR-L1 to scan checks, money orders, and related payment documents, helping to reduce processing time and courier costs.

EASY TO USE AND MAINTAIN

Compact in size, the small footprint of the CR-L1 check transport is designed to fit areas with limited workspace. In addition, an advanced paper handling mechanism provides smooth, jam-free feeding, and if a misfeed does occur, high-precision Infrared Double-Feed Detection Sensors help to ensure that no data is lost undetected. Also, the simple design allows the check scanner to be easily opened, for routine cleaning and maintenance of the scanning glass and rollers as well as clearing paper jams.

DYNAMIC AND RELIABLE PERFORMANCE

Scanning up to 45 checks per minute (CPM),* the CR-L1 check transport simultaneously captures the front and back sides of items in color, black and white, or grayscale. The 50-item Auto Feeder and 50-item Eject Pocket allow for batch scanning. A series of built-in electronic sensors detect misfeeds. The CR-L1 is also flexible enough to reliably handle multiple document types, including paper checks, money orders, coupons, payment vouchers, pay stubs, and more. A built-in, single-line printer can add physical rear endorsement on items, and virtual endorsement is available for the front and rear of item images. Both are customizable and can imprint up to 48 characters.

PRECISE IMAGE CAPTURE

Hard-to-scan items, such as checks with busy graphic backgrounds or low-contrast text, are captured by the CR-L1 check transport as high-quality images using Canon's advanced binarization technology, standard in the CR-L1, as well as in Canon's entire check scanner line. Image processing features such as Fine Text Filtering allow for sharper image capture with less distortion, resulting in better Optical Character Recognition (OCR) accuracy. Magnetic Optical Character Recognition (MOCR) is also used in the CR-L1, combining Magnetic Ink Character Recognition (MICR) with OCR processing to capture accurate MICR data. These features increase read rates and information capture with clarity and precision, helping to reduce exception items due to non-conforming images.

SOFTWARE AND COMPATIBILITY

The CR-LI check transport shares a common integration platform with all Canon check scanners: the CR Software Development Kit (SDK) and Silver Bullet Technology's™ Ranger API. Included with the CR-L1 is a new driver installer that can run this device, as well as the legacy Canon imageFORMULA CR-50 or CR-80 check transports. This new driver will also emulate the CR-50 or CR-80 on the CR-L1 in RDC applications, making the CR-L1 compatible with existing RDC software packages already tested with both legacy check transports.**

CUSTOMER CARE

For investment protection, eCarePAK options are available to extend service beyond the initial one-year, advanced exchange warranty period for the CR-L1. This helps save on costs associated with post-purchase maintenance and maximizes uptime throughout the product life.

SPECIFICATIONS

Type:	Compact Check Transport
Document Feeding:	Automatic
Document Size	
Width:	2.1"- 4.3"
Length:	3.7"– 9.0"
Long Document Mode:	Up to 78.8"
Document Thickness and Weight:	0.003" – 0.008" (17 – 40 lb. Bond)
Feeder Capacity:	50 Sheets
Scanning Modes:	Error Diffusion, Fine Text Filtering
Output Resolution:	100/120/200/300 dpi
Grayscale:	256-level, 16-level
Color	24-bit
Scanning Speeds	
Black/White:	Up to 45 cpm*
Grayscale:	Up to 45 cpm*
Color:	Up to 20 cpm*
MICR/OCR	
MICR:	E13B/CMC-7
OCR:	E13B/OCR-A/OCR-B
Light Source:	RGB LED
Interface:	Hi-Speed USB 2.0
Dimensions (H x W x D):	5.5" x 8.8" x 7.4" in. (with trays closed)
Weight:	Approx. 4.6 lb.
Power Consumption:	Up to 15.8 W in Scanning, 2.3 W in Sleep Mode and 0.1 W in Power-Off
ENERGY STAR Compliant:	Yes
Sound:	Up to 64 dB max.
Bundled Software:	Ranger™ driver with IQA, Canon Scanning Utility
Supported OS:	Windows 7 (SP1 or later) 32-bit and 64-bit; Windows 10 32-bit and 64-bit (SP1 or later); Windows Server 2008 R2 or later; Window Server 2016
API Support:	Canon Common API SDK, Canon .NET SDK, Ranger API
Other Features:	Automatic Page Size Detection, Deskew, Infrared Double Feed Detection, Built-in Physical Printer, Virtual Endorsement,** Device Logs for Troubleshooting and Maintenance
Options:	eCarePAK for CR-L1
Item Number:	3595C002
MSRP:	$495

* Examples based on typical settings, rated in checks per minute with 6" long U.S. personal checks at 200 dpi in black and white, grayscale, or color.

** Please consult your software provider to ensure compatibility. Software providers may need to incorporate new drivers into their software packages. Software installation and deployment methodologies may vary, depending upon the Independent Software Vendor (ISV) used for integration implementation. The compatibility of the CR-L1check transport with All software packages must be verified by the ISV prior to the installation of the CR-L1.

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