RDM's Digital Imaging Solution | **EC7500i® Series**

CONVENIENT.
EASY TO USE.
LOW COST.

Product Overview

RDM's EC7500i® series check scanner is specifically designed for low volume billers and small business merchants for Remote Deposit Capture and electronic check acceptance at a price that they can afford.

Based on RDM's proven technology, the EC7500i series models are all franking enabled which supports the FFIEC guidance for risk mitigation. The EC7500i series offers a core set of standard features including MICR E13B read, dual sided imaging, USB 2.0 high speed connectivity and a 2 year warranty. Optional features are available for internal alphanumeric OCR A and B character recognition via application control for bill pay, remittance processing, a 3-track bi-directional Magnetic Stripe Reader (MSR) and a new thermal receipt printer.

The EC7500i series is easy to install with its standard USB connectivity and can be configured as a single or dual sided check imaging scanner capturing crisp clear binary images that exceed the industry's requirements for image exchange. In addition to RDM's industry leading single pass Progressive MICR Method, an OCR E13B MICR Assist feature provides maximum recognition by applying an optical character read to problematic MICR characters and symbols providing accuracy to virtually 100% read rate.

With more than 20 years of industry expertise in MICR and Imaging technology, over 200,000 check scanners in use today with less than a 2% return rate and a National Network of Repair partners who offer a full suite of deployment and Advanced Unit Exchange (AUE) programs, RDM's EC7500i series check scanner offers the performance and reliability at a cost that makes sense.

Key Features

▶▶ Simplified connectivity makes it easy to use and install

▶▶ Small footprint saves space on desks and counter tops

▶▶ Captures a high-quality binary image of the check in seconds

▶▶ Configurable single- or dual-sided imaging

▶▶ Optional Franking Acknowledgement Printer reduces fraud & mitigates risk

▶▶ New optional thermal receipt printer

▶▶ Utilizes RDM's patented Progressive MICR Method delivering the highest MICR read rate in the industry

▶▶ Optional bi-directional Magnetic Stripe Reader (MSR)

▶▶ USB 2.0 high speed connectivity provides flexible connection to PC-based applications

▶▶ Standard 2-year warranty

Product Specifications

Image
- CCITT Group 4 compression (ITU T.6) of bi-level image
- TIFF 6.0 file format. MICR line with transaction information included in header description tags of check image. OCR line with transaction information included in header description tags of bill stub. Image size varies according to document, typically 10kb or less.
- High quality binary 200 dpi nominal

Document Size
Minimum: 2.17" W x 4.4" L
Maximum: 4" W x 9" L

Communication Ports
Power: 3 Pin (24VDC)
USB: Type-B connector (USB 2.0 High Speed 480MBits/sec)

Magnetic Read
E13B and CMC7 MICR character set. Uses RDM's Progressive MICR Method for optimum MICR read accuracy

Bi-directional Check Drive
Bi-directional document drive can be paused under application control to hold a check pending an authorization decision, and provide visual disposition of the decision by returning the check to the user via the exit slot face up if approved or face down if denied

Software
Developer's Kit includes: Application Developer's Kit (ADK) for Windows, Sample Application SAXCo

Physical Dimensions
Standard model: max. 8.75" L x 5.9" W x 4.8" H
MSR model: max. 8.75" L x 5.9" W x 5.3" H
Printer with MSR model: 10.2" L x 5.9" W x 5.3" H

Power
Input: 24V DC 900 mA
Power Supply: 100 – 240V 50-60 Hz

Environment
Temperature (Operating): 32 to 104 Degrees F
Humidity (Operating): 10 to 85% relative humidity (non-condensing)

Options

Franking Acknowledgement Printer
Under application control a fixed text message is stamped on the face of the check (1 line "Electronically Presented" in red).

Receipt Printer
Graphics/Multi Language Capable Thermal printer
24 characters per line, graphics capable, multi-font, multi language

Magnetic Stripe Reader (MSR)
3-track, bi-directional, alphanumeric

OCR E13B MICR Assist
When activated under application control, optical read of E13B MICR characters acts as a backup to the magnetic read enhancing MICR read

OCR Font Recognition
Under application control Alphanumeric OCR A and B font recognition of OCR code-lines for applications such as bill payment

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