

RD 1000 EL - Codeline Reader

SECURING YOUR **IMAGE**
DELIVERING YOUR **DATA**



- **Small footprint and high reliability**
- **Reads various types of banking documents and magnetic badges**
- **Automatic document feed-through, reading and stacking**
- **Maximum productivity with minimal intervention**

BASIC OPERATIONS

Insert check. The RD 1000 EL immediately notes its presence and performs automatic feed-through, reading and delivery to the stacker.

The RD 1000 EL reads magnetic badges as they are handed through the scanning line.

Insert other banking documents printed with optical characters in same line used for checks; feed-through, reading and delivery to the stacker are automatic.

Voiding by front stamp is optional, just before feed-through.

READING OF DOCUMENTS AND BADGES

The RD 1000 EL can read many types of documents in current banking use, including checks, travelers' cheques, deposit tickets and other banking vouchers. It also reads magnetic badges.

The system can automatically distinguish two different fonts, error sampling, unaligned characters and characters printed at intensities exceeding all tolerances. The RD 1000 EL delivers maximum reliability, security and flexibility in reading optical documents.

The software technology underlying RD 1000 EL development makes it possible for the reader to learn new character fonts not previously stored in its logic. The risk of mistaking one character for another has also been practically eliminated.

Recognition is independent of character size or position. Recognition of any font can be enabled or disabled as necessary.

Using an online update feature, new fonts can be added to all RD 1000 EL readers.

The breadth of scanning field extends from 0.2 to 0.4 inches (6 to 9 mm), making it possible to read codelines that are out of alignment.

TECHNOLOGY AND RESEARCH

The RD 1000 EL codeline reader is designed to operate with a powerful 20 MHz microprocessor that governs all basic tracking functions and all MICR and OCR reading operations.

The system's software was built using C and Assembler programming languages.

The RD 1000 EL can be configured only by the user's application software; any manual change becomes an impossibility, and possible errors are eliminated.



Offering unique engineering features and unsurpassed technological versatility, the RD 1000 EL can read several types of banking documents, including checks, deposit tickets and other banking vouchers. The RD 1000 EL delivers reliability and high performance in a compact machine used by leading banks around the world.

Drastic reduction of moving parts remains a big feature of the RD 1000 EL. The reader boasts mechanics unmatched for silent operation, speed and reliability. The RD 1000 EL guarantees maximum workstation productivity, with minimal human intervention, thereby saving bank branch offices valuable time and administrative costs.

TECHNICAL SPECIFICATIONS FOR THE RD 1000 EL

PAPER HANDLING

- . Manual drop feeder with document presence photo sensor
- . Output stacker: approximately 25 documents
- . Feed-through speed: 39.4 inches (100 cm) per second

CODELINE READING

- . MICR: magnetic fonts CMC7 and E13B
- . OCR: optical fonts OCR A, OCR B, E13B, OCR A full alpha and OCR B full alpha

OPTIONAL FEATURES

Magnetic Badge Reader

- . Manual swipe reader
- . Tracks 2 and 3, or 1 and 2
- . Simultaneous scanning with vertical and horizontal parity check

Front Stamp

- . Self-inking
- . Maximum dimensions: 0.8 x 2.0 inches (20 x 50 mm)

DIMENSIONS

- . Length: 10.2 inches (258 mm)
- . Width: 3.5 inches (90 mm)
- . Depth: 4.3 inches (110 mm)
- . Weight: 5.5 lbs (2.5 Kg)

ENVIRONMENTAL CONDITIONS

- . Working temperature: 50° to 104° F (10° to 40° C)
- . Humidity: 20% to 80%

POWER SUPPLY

- . 100V-220V, 50-60 Hz

ABOUT SEAC BANCHE

Seac Banche is the leading provider of check imaging equipment for teller positions, branch back offices, self-service systems and centralized processing centers. The company's success is rooted in leveraging strong partnerships with international resellers and VARs to provide a total solution to its end users. With more than 400,000 units installed on five continents, Seac Banche specializes in helping financial institutions use check processing equipment as a powerful tool to automate their businesses, expand their markets and serve their customers better. Founded in 1987, Seac Banche maintains corporate offices, including R&D and production facilities, in Florence, Italy. The company also maintains regionally located sales, marketing and technical support offices in all major international markets. For more information, visit www.seacbanche.com.



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