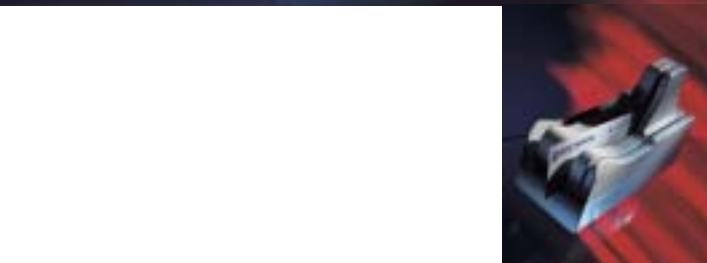


## SB 1500/1600 - Document Reader Scanner



# SECURING YOUR IMAGE DELIVERING YOUR DATA



- **Entry-level system for teller and retail use**
- **An affordable and attractive reader scanner**
- **Codeline reading and imaging**
- **Voiding and endorsing options**



Compact and easy to use, the SB 1500 is a personal document processing system designed for counter use at teller windows and point of sale locations.

By adding advanced imaging technology and superior functionality to the internationally acclaimed RD 1000, Seac Banche has created the SB 1500, an affordable and attractive reader scanner that meets the needs of banks and retailers worldwide.

The SB 1500 delivers the perfect combination of performance, reliability and price. The SB 1600 combines the compact power of the SB 1500 with the

### MANUAL DOCUMENT FEEDER

Document feeding is manual, one-by-one, with a motorized single document feeder positioned at an ergonomically correct height. A photo sensor, which detects document presence, allows for immediate processing when the document is dropped into the feeder.

### CODELINE READING: MICR AND OCR

The system's MICR reading functionality decodes CMC7 and E13B codelines. The MICR head is spring-loaded, thereby allowing it to easily accommodate a variety of documents, regardless of paper weight and thickness.

The SB 1500 includes a proprietary reading system for machine printed text. The reader decodes a variety of fonts with outstanding accuracy and reliability. The OCR engine simplifies the addition of characters to existing fonts and the creation of new character sets to meet user requirements.

### VOIDING AND ENDORSING

The optional self-inking front stamp can be used to void documents. The stamp can be personalized by the user, and it is automatically inked before each stamping action by an inking roller. Stamping is controlled by the application.

The optional programmable inkjet endorser can print - upon application request - a variable string of data on the rear side of the document, up to full document width.

### IMAGE PROCESSING

Document images captured by the SB 1500 are perfectly clear and sharply defined. They can be used to provide input to character recognition systems, allowing for the acquisition of reliable, accurate data and for archival and retrieval purposes.

The SB 1500 uses the most advanced technology available on the market for low-cost, high-performance image capture. An enhanced version - the SB 1600 - captures front and rear images in full color, without losing the ability to capture grayscale images.

Scanned document images can be compressed by DLL functions in several formats, according to user needs.

### STACKER

The system's output stacker can hold up to 25 documents.

## TECHNICAL SPECIFICATIONS FOR THE SB 1500/1600

### PAPER HANDLING

- . Manual drop feeder with document presence photo sensor
- . Output stacker: approximately 25 documents
- . Transport speed: 17.0 inches (433 mm) per second

### DOCUMENT SPECIFICATIONS

- . Length: 3.9 to 9.1 inches (100 to 230 mm)
- . Height: 2.0 to 4.3 inches (52 to 108 mm)
- . Weight: 0.2 to 0.3 pounds (70 to 140 g)

### CODELINE READING

- . MICR: magnetic fonts CMC7, CMC0 and E13B
- . OCR (optional): optical fonts OCR A, OCR B, E13B and E13B x OCR B mixed fonts
- . MICR and OCR fonts can be read simultaneously

### IMAGE CAPTURE

- . One front image: red or green light
- . One rear image: red or green light
- . 200 x 200 dpi or 100 x 100 dpi
- . 256 or 16 gray levels

### COLOR IMAGE CAPTURE: SB 1600

- . 200 x 200 dpi or 100 x 100 dpi
- . Color depth 16-bit (65,535 colors)
- . Grayscale and black and white imaging remains available

### IMAGE FORMATS

- . Bitmap (.bmp)
- . Jpeg (.jpg): compression ration selectable from application; available also for color imaging
- . Tiff (.tif): grayscale
- . G4 (.tif): black and white with fixed threshold; adaptive 1-D, adaptive 2-D; selectable from application

### OPTIONAL FEATURES

#### Rear Inkjet Printer

- . Optional programmable endorser; application controlled rear side
- . Printed line starts 3.1 inches (79 mm) from left edge and can extend up to full document width

### Front Stamp

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

### Magnetic Card/Badge Reader

- . Manual swipe reader
- . Tracks 2 and 3, or 1 and 2

### DIMENSIONS

- . Length: 10.2 inches (258 mm)
- . Width: 4.4 inches (113 mm)
- . Height: 6.9 inches (175 mm)
- . Weight, net: 3.5 lbs (1.6 Kg)
- . Weight, packed: 4.4 lbs (2 Kg)

### INTERFACE

- . USB
- . (TTL and serial RS-232 ports also available)

### ENVIRONMENTAL CONDITIONS

- . Working temperature: 50° to 95° F (10° to 35° C)
- . Storage temperature: 32° to 113° F (0° to 45° C)
- . Humidity: no condensation; 5% to 90%

### POWER SUPPLY

- . Internal
- . 100V-240V, 50-60 Hz, full-range

### API SOFTWARE TOOLS

- . Available for MS Windows 2000, 95/98/ME and XP

### CERTIFICATIONS

- . CE
- . EN 60950, EN 55022, EN 50082



### 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](http://www.seacbanche.com).

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