

# SCAN 800 Series OCR Readers

## Overview

The SCAN 800 Series OCR Controller is for companies or individuals who hand type account number information from remittance documents or certified mail slips into a computer (or terminal).

The 800 Series scanner scans human readable characters with unparalleled accuracy. Unlike bar code, OCR Controllers scan your existing account number fields with NO changes to present documents!

The 800 Series OCR Controllers help companies shorten lobby lines by speeding up transactions, improve customer service by allowing for "heads-up" processing, avoid repetitive stress injuries by eliminating typing, and prevent costly reconciliation errors from typos with high accuracy scanning.

For the fonts we read, see below.



## Features

- Installs via keyboard cable or RS-232
- Combination RS-232 and serial keyboard wedge interfaces in one controller
- Reads OCR, bar code and magnetic stripe media
- Reads up to 200 C.P.I. with over 99.5% read rate. Accuracy is over 99.995% on ANSI Y-Grade media
- Dual input ports
- Autodiscriminates among OCR, bar code symbologies and magnetic stripe media
- Decodes magnetic stripe, tracks 1 and/or 2 & 3
- Fully programmable through menu scanning or on-screen program for: preamble, postamble, baud rate, parity, word length, character output codes, intercharacter delay, input port buffer, port identifiers, intermessage delay, field validation, data suppression, and more.
- Audio/visual confirmation of read programmable
- Programmable auxiliary RS-232 serial port for time-clocks, scales, PDT's etc.
- Cloning and security kits available

- Non-volatile EEPROM
- Meets FCC, UL, TUV and CSA approvals

## FONTS

OCR-A Full Alphanumeric:	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 1 2 3 4 5 6 7 8 9 0 \$ + < > / \ " . - ,
OCR-B Limited (ECMA11):	A C E N P S T V X 1 2 3 4 5 6 7 8 9 0 < > / + . - ,
OCR-A EuroBanking:	∫ ¥ ¢ 1 2 3 4 5 6 7 8 9 0 + \ < > . - ,
OCR-B EuroBanking:	J P N 1 2 3 4 5 6 7 8 9 0 # < > +   . - ,
E-13B (MICR):	1 2 3 4 5 6 7 8 9 0 " " ' ' :
PostNET:	

Autodiscriminating combination of above fonts & PostNET optional  
If you don't see your specific font, please contact SCAN Corporation.

## Applications

- Worldwide applications from banks to hospitals and public utilities to retail

## Keyboard Wedge

## Interfaces

Interfaces to over 300 computers and terminals via keyboard wedge, parallel, OCIA, and RS-232 with the following models:

- 810 - Parallel
- 813 - OCIA
- 820 - Parallel keyboard
- 832 - Dual port RS-232
- 833 - Serial keyboard wedge & RS-232
- 840 - PCB add-in board

## Slot





## Specifications

### Electrical

- 85-132 VAC 47-63 Hz. or 170-264 VAC 47-63 Hz. at 20 watts maximum

### Dimensional

- Length: 6.5" (16.5 cm); Width: 6.1" (15.5 cm)
- Height: 1.8" (4.6 cm); Weight: 20 oz. (567 gm)

### Environmental

- Operating temperatures: 5° to 40° C (41° to 104° F)
- Storage temperature: -40° to 65° C (40° to 149° F)
- Humidity: 10% to 90% non-condensing

### Input Device Support

- Main port: 15 pin "D". Supports Caere OCR wand, OCR slot reader, AutoSlot
- Secondary port: 8 pin RJ-45 connector with +5 vdc available, adapts to barcode slot reader, magnetic stripe readers, and adapts to barcode pen or pen emulating lasers.

Specifications subject to change without notice.