5000 Series OCR Line Reader

Optical Character Recognition (OCR), Bar Code and Magnetic Stripe

Model 5033
OCR wand and controller for hand held data entry

Overview

The 5000 Series OCR Readers are among the most versatile data entry tools available. As a low-cost alternative to keyboard data entry, these character readers help avoid payment processing delays, data entry errors, and repetitive stress injuries. This all in one unit has the ability to quickly scan characters, Bar Codes, and Magnetic Stripe. The 5000 Series Reader can be ordered with a hand held wand for versatile scanning of short fields or selective scanning from a form or menu. For longer scan lines, the tabletop slot version integrates a slot for OCR or Bar Code with a second slot for Magnetic Stripe cards. For higher volumes, a motorized batch processing version is also available.

With SCAN's simple keyboard wedge interfacing, over-the-counter or back room remittance scanning can now be done with no changes to the host computer hardware or software. Processing is done inside the SCAN unit, allowing it to connect in-line with an existing keyboard and to send keystrokes along with hand-typed data. The readers can be programmed to emulate the operator keystrokes necessary to flow data into any application.

Features

- Reads specialized OCR fonts OCR-A, OCR-B, MICR
- Optionally reads common office fonts such as Times, Courier, and Helvetica
- Reads up to 200 characters per second with over 99.99995% accuracy on ANSI Y-Grade media
- Secondary input port for external Bar Code or Magnetic Stripe reader
- Choice of scanner light source
- Red (allows red as forms drop out color)
- Infrared (drops out all colors but black)
- Reads triple-track Magnetic Stripe
- Autodiscriminates among OCR, 16 Bar Code types, and 3-track Magnetic Stripe media
- Fully programmable through menu scanning, modem, or on-screen program for: preamble, postamble, baud rate, parity, word length, character output codes, intercharacter delay, input port buffer, port identifiers, intermessage delay, input field validation, check digit verification, data suppression, character insertion, field move, character translation, and more
- Programmable audio/visual confirmation of read
- Programmable auxiliary RS-232 port for relay drive, scale input, PDT download, 2D Bar Code readers, etc.
- Flash memory for in-field upgrades
- 32-bit microprocessor
- Miniature OEM version available
- Meets UL, cUL, FCC, and CE safety agency approvals

Applications

- Used worldwide in applications ranging from banking to healthcare and government to utilities
- Remittance processing to scan account number and payment information in any business that regularly receives billing stubs from customers, donors, or organization members
- Municipal governments for tax, water, fees, and license bills
- File folder tracking of names and numbers
- Employee number scanning for piece-work payroll
- Data entry automation for order entry

Interfaces

- Keyboard wedge interfaces to over 400 computers and terminals, plus hundreds of clones
- Serial ASCII interface via dual-port RS-232
- ABA Magnetic Stripe track two emulation for POS
- International keyboard support

Specifications

Dimensional

Model	5033	5133	5233
Width	25.1 cm (9.9")	25.1 cm (9.99")	25.1 cm (9.99")
Height	5.1 cm (2.0")	9 cm (3.5")	12.6 cm (4.95")
Depth	14.2 cm (5.6")	14.2 cm (5.6")	14.2 cm (5.6")
Scanning Window	N/A	5.1 mm to 25.4 mm (0.2" to 1.0")	5.1 mm to 58 mm (0.2 to 2.3")

Power Requirements

+5v +/- 5% Regulated @1.5 amps maximum, .8 amps typical

Environmental

Operating Temperature	5' to 50' C
Storage Temperature	-40' to 65' C
Humidity	10 to 90% non-condensing
Shock and Vibration	TBD
Reliability	30,000 hour MTBF in an office environment

Weight

5033	0.76 Lbs	Controller unit
Wand	0.42 Lbs	(assembled with cord)
5133	1.30 Lbs	Slot
5233	1.50 Lbs	HighTop Slot

Warranty

- One-year factory warranty
- Many dealers offer on-site service
- Extended service contracts available

SCAN Corporation

see all our products at www.scancorporation.com

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CHARACTERS DO MATTER!

SCAN Corporation is a Leader in OCR Accuracy

Model 5133 or 5233
One-piece design integrates slot reader and controller for payment processing

5000 Series OCR Line Reader

Optical Character Recognition • Bar Code • Magnetic Stripe

SCAN Corporation

Improving your bottom line by simplifying the way you gather, access and use information utilizing Touch Screen, OCR, Bar Code and Magnetic Stripe Technology.