Wand Scanner * Optical Character Recognition – Bar Code

Overview

The SCAN 6500A OCR Reader is among the most versatile data entry tools available. As a low-cost alternative to keyboard data entry, this character reader helps avoid payment processing delays, data entry errors, and repetitive stress injuries. This all-in-one unit has the ability to quickly scan characters and bar codes. The SCAN 6500A Wand Reader can accommodate longer scan lines. This tabletop integrated Wand version is equipped a 15 ft. cable.

With SCAN's simple keyboard emulation, 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 in the USB driver Inside the PC, allowing it to appear as keyboard data, sending keystrokes along with hand typed data.

Features

- Fonts: OCR-A, OCR-B, E13-B, Arial, Times New Roman, Courier, handprint, and U.S. currency
- Up to 300 characters per second with over 99.99995% accuracy on ANSI Y-Grade media
- Interface via USB
- Linear Bar Codes: Code 39, Interleaved 2 of 5, Code 128, Codabar, UPC-A, UPC-E, EAN13, EAN8
- Image Preprocessing: smoothing, thickening, thinning, thresholding, character size and length limits
- Password protect settings
- Startup with user specified settings
- Debug screen for configuration
- Tuning
- Image Archiving: save image to file

- Validation and formatting Processing
- Keyboard emulation output, or, output to databases via script languages
- Autodiscrimination between multiple document definitions
- Special processing for travel documents: Passports, Visas, ID Cards
- Fullly programmable through on-screen software for: preamble, postamble, character output codes, intercharacter delay, intermessage delay, input field validation, check digit verification, data surpression, character insertion, field move, character translation, zone definitions, and more
- Programmable audio/visual confirmation of read
- Customer supplied sound files For audio prompt
- Decode image files on disk
- Bring to front keystroke target Window
- Calculate 8 different kinds of check digits
- Read image upside down or rightside up
- Detect spaces between Characters
- Multiple line decoding

System Requirements

- Windows **Vista**, XP, 2000, or 98

- 64 megabytes memory
- USB 1.1 or higher
- 400 MHz Pentium processor or higher
- 30 MB free hard disk space
- CD-ROM drive
- Display resolution 1024x768 or greater

Applications

- Used worldwide in applications ranging from banking to health-care and government, utilities to retail
- 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
- Image capture for archiving
- Reading passport and travel ID cards
- Data entry automation for order entry

Specifications

Power Rquirements
- USB Powered

Environmental
- Operating temperature in degrees C is 5 to 50
- Humidity – 10% to 90% noncondensing
- Storage temperature in degrees C is -40 to 65
- Reliability – 30,000 hour MTBF in an office environment

Warranty

- 1 year factory warranty
- Extended maintenance contracts available