



8070 Series Advanced OCR READERS

Optical Character Recognition – Bar Code



Overview

The 8070 Series OCR Readers are arguably the most versatile and unique OCR data entry tools available. As a low-cost alternative to keyboard data entry, these rugged industrial character readers help avoid payment processing delays, data entry errors, and repetitive stress injuries. These all-in-one 7" units (or available 10" units) have the ability to quickly scan OCR style characters and multiple barcodes. The Readers can be ordered with a USB cable interface, a Bluetooth short range radio link, or Wi-Fi connectivity for communication with the host computer.

In conjunction with various tablet manufacturers and along with Scan Corporation's simple keyboard emulation design and software packages, over-the-counter or back room remittance scanning can now be done with no changes to the host computer hardware or 3rd party software. Processing is done inside the Scan unit and data is sent to the Scan 8000 program running silently on the host. The readers can also be programmed to emulate the operators keystrokes necessary to flow data into any application, utilizing prefix or suffix options, tab, space, carriage return etc.

Features

Auto-discrimination among OCR fonts and the ability to scan 10+ various bar code symbologies.

OCR Fonts

OCR-A, OCR-B, E13-B (MICR), Times, Courier, Arial

Barcodes

I 2 of 5, Code39, Code128, Codabar, UPC A, UPC E, EAN13, EAN8, JAN, PDF 417

Detection Algorithm

Features continuous scanning and transmitting when text changes.

Applications

Used worldwide in applications supporting banks, hospitals, public utilities, non-profit collection and retail POS.

Remittance processing which scans the account number and/or payment information in any business that regularly receives billing stubs from customers, donors, or organization members.

Municipal Governments entering tax, water, electric, or gas fees as well as licensing bills.

Employee ID number scanning for piece-work or standard payroll.

Data entry automation for various types of order input.

Accuracy

Achieves over 99.95% accuracy on ANSI Y-Grade media.

Keyboard Emulation

Program minimizes and runs in the system tray as an icon.

Text scanned from the reader is transferred into a targeted area on the host screen.

All Special keys (arrows, Function keys, CTRL, etc) can be added to text string.

Instant download ability of configuration settings to reader (or readers) if more than one is attached via Wi-Fi, USB cable or Bluetooth.

Text Validator

Check Digit Verification Algorithms, required digits, alphas, skip-until-match.

Specialized Verification

Passports

2 and 3-line ID cards

Output Text Formatter

Multiple Zones on a Page.

Rotational ability of Zones.

Auto-Discrimination between document types.

Data suppression, character insertion, field move, character translation, and more.

Target a set window on the host for input.

Reader Program Features

Tap screen to Focus.

Confirmation beeps if successful data transmitted to host.

Save Images to optional flash drive.

Specifications

Display

Technology

Color TFT



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Resolution

480 x 800 pixels

Dimensions

199.9 x 119.8 x 12.4 mm (7.87 x 4.72 x 0.49 inches)

Touch Screen

Capacitive, Multi-touch, Light sensor, Proximity Sensor, Scratch-resistant glass.

Color

Black

Additional Storage

microSD, microSDHC

Speakers

Earpiece, Loudspeaker (varies on models)

Power Requirements

Charger 110-240 volt, 0.3 amps

50-60 hertz

Weight

450 gm/1 lb

Operating System

SCAN 8000 Embedded

Processor

Dual core, NVIDIA Tegra 2 Mobile CPU

Battery

Li-Ion

Camera Features:

Auto focus, Digital zoom, White balance, flash

Regulatory Approvals

FCC

Accessories

Customized Unit stand, rugged protective skin, Bluetooth dongle

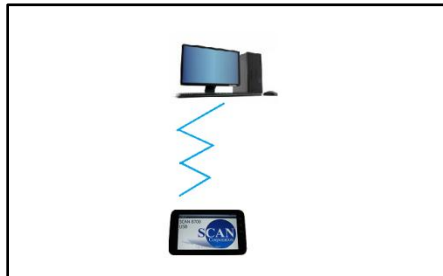
Model 8070 USB



The Universal Serial Bus is a direct cable connection to the host providing both power and data. It minimizes the needs for an external battery charger and requires no setup procedure.

Compatibility: USB 2.0

Model 8071 Bluetooth



Bluetooth is a low-power radio technology making it convenient for local desktop use without clutter from cables. Once the scanner and the host are “Paired”, they will automatically reconnect when in close proximity (up to 10 meters)

Model 8072 Wi-Fi



The 8072 communicates with the host through the local wireless network.

Multiple readers can input data into one host. Configuration changes made on the host update the configurations in all the readers over the network. For security reasons, all readers report to a single wireless subnet so the readers will not transmit data to the global internet.

Compatibility: Wi-Fi 802.11 B/G/N

Model 8073 Tri-Connect



The 8073 encompasses all three interfaces; USB, Bluetooth, and Wi-Fi in one convenient model. The interface is selectable via an option button.

Warranty

One-year factory OEM warranty

Extended service contracts available

Contact Information

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