NCR RealPOS™ Digital Imager Handheld Scanner

Looking for a scanner that can capture both data and images?

YES

The NCR RealPOS Digital Imager Handheld Scanner delivers the functionality of a barcode scanner, digital camera and document scanner, all in one device

Increase employee productivity and streamline business processes in retail, healthcare, government and other environments by combining an onboard 1.3 megapixel camera with high-performance scanning features and superior digital imaging technology.

- **Increases employee productivity**

  Quick and accurate, the NCR RealPOS Digital Imager Handheld Scanner reads 1D, 2D or PDF417 barcodes, providing a true point-and-shoot solution. Employees are more productive because there is no need to orient products to the scanner window. A view finder makes sure the image is captured properly the first time.

- **Improves record keeping with enhanced document clarity**

  Our text enhancement software streamlines record keeping by replacing paper-based files with electronic filing. From medication prescriptions to bills of lading, the high-resolution camera and software work seamlessly to ensure optimal text visibility, including tiny, hard-to-read print.

- **Provides an outstanding Return on Investment**

  Reduce capital and operating expenses by eliminating the need to purchase, manage and support multiple devices. You no longer need digital cameras and barcode scanners for different symbologies. Training time and cost are reduced and employees are more productive in less time.

For more information, visit www.ncr.com, or email retail@ncr.com.

Key Features

- Based on Symbol™ DS6700 Series
- 1.3 megapixel imaging
- Support for all major 1D, PDF, postal and 2D symbologies
- 360° omni-directional scanning

Why NCR?

With over 125 years of retail experience, NCR is a leading global provider of assisted- and self-service solutions. We help our clients around the world improve their customer interactions, implement change quickly and proactively, and transform their businesses to become leaders and change agents. We can help you, too.

Technical Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS:

- HEIGHT   6.55"   16.6cm
- LENGTH   4.72"   11.9cm
- WIDTH   2.82"   7.1cm
- WEIGHT   6.4oz   182g
- Voltage and current: 5+/-10%VDC @ 350 mA
- Color: Cash Register White

PERFORMANCE CHARACTERISTICS

- Light source:
  – Aiming: 650nm laser diode
  – Illumination: 630nm LED
- Field of view (VxH):
  – Standard range: 34° x 43°
  – Document capture: 35° x 44°
- Roll/Pitch/Yaw:
  – Standard range: 360°, ±65°, ±60°
  – Document capture: 360°, ±65°, ±60°

SYMBOLOGY DECODE CAPABILITY

- 1D: GS1 DataBar™, UPC/EAN and with supplementals, Code 39, Code 39 Full ASCII, Tri-optic Code 39, UCC/EAN 128, Code 128, Code 128 Full ASCII, Code 93, Codabar (NW1), Interleaved 2 of 5, Discrete 2 of 5, MSI, Codell, IATA, Bookland EAN, Code 32
- PDF417 (and Variants): PDF417, microPDF417 and composite codes
- Postal: U.S. Postnet and Planet,U.K., Japan, Australian, and Dutch
- 2D: MaxiCode, DataMatrix (ECC 200), and QR Code

- Nominal working distance (standard range focus):
  – 5 mil (Code 39): 1.1" – 6.5" (2.8cm – 16.5cm)
  – 13 mil (100% UPC/EAN): 0.5" – 9.7" (1.3cm – 24.6cm)
  – 20 mil (Code 39): 0.5" – 15.2" (1.3cm – 38.6cm)
  – PDF417 (10 mil): 0.9" – 7" (2.3cm – 17.8cm)
  – Datamatrix (10 mil): 1.1" – 7.5" (2.8cm – 19.1cm)
- Nominal working distance (document capture focus):
  – 5 mil (Code 39): 2.5" – 10" (6.5cm – 25.4cm)
  – 13 mil (100% UPC/EAN): 0.8" – 16.8" (2cm – 42.7cm)
  – 20 mil (Code 39): 0.7" – 28.3" (1.8cm – 71cm)
  – PDF417 (10 mil): 1.9" – 11.8" (6.6cm – 31cm)
  – Datamatrix (10 mil): 2.6" – 12.2" (6.6cm – 31cm)
- Print contrast: 25% minimum reflectance
- Motion tolerances: Horizontal velocity: 5" (12.7cm) per second
- Interfaces supported: RS232C (Standard, Nixdorf, ICL, and Fujitsu); USB (Standard, IBM SurePOS, Macintosh) and Synapse connectivity enables the above plus many other interfaces

IMAGING CHARACTERISTICS

- Image (pixels) (HxV): 1.3 megapixel: 1280 pixels x 1024 pixels
- Graphics format support: can export as BMP, JPEG, TIFF
- Image transfer speed:
  – USB 1.1: up to 12 Megabits/second
  – RS232: Up to 115 kb baud rate
- Image transfer time: typical USB application is ~ 0.2 seconds with a compressed JPEG of 100kb

- Imaging distance (VxH) (ranges are from nose of scanner and based on document capture focus); document sizes / minimum distance (approx.):
  - 2 1/8" x 3 3/8" (5.4cm x 8.6cm) / 2.4" (6.1cm)
  - 4" x 6" (10.2cm x 15.2cm) / 5.7" (14.5cm)
  - 5" x 7" (12.7cm x 17.8cm) / 6.9" (17.5cm)
  - 8" x 11" (21.6cm x 28cm) / 11.9" (30.2cm)

USER ENVIRONMENT

- Operating temperature: 32° – 122°F / 0° – 50°C
- Humidity: 5% – 95%, non-condensing
- Drop specifications: Withstands multiple 6ft (1.8m) drops to concrete
- Sealing: IP43, water- and dust-resistant
- Ambient light immunity: immune to normal artificial indoor and natural outdoor (direct sunlight) lighting

REGULATORY

- Electrical safety: UL6950-1, CSA C22.2 No. 60950-1, EN60950-1 / IEC60950-1
- Laser safety: EN60825-1:1994 +A1: 2002 +A2 :2001, IEC60825-1, 21CFR1040.10 and 21CFR1040.11, CDRH Class II, IEC Class 2
- EMI/RFI: FCC Part 15 Class B, ICES-003 Class B, CISPR 22, CISPR 24 Medical electrical equipment: EN60601-1-2: 2002
- Environmental: Compliant with RoHS directive 2002/95/EEC

Experience a new world of interaction

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