

# NCR RealPOS™ Presentation Imager

Looking for a truly flexible scanner  
that's capable of imaging?

YES

## The NCR RealPOS™ Presentation Imager offers an innovative combination of features to help retailers increase productivity and throughput

The scanner is designed to offer retailers a new level of versatility, functionality and performance at the checkout. It features a unique hybrid form factor design that combines a solid base with advanced handheld ergonomics, enabling comfort and ease of use in both handheld and presentation scanning modes. The latest scanning technology delivers record swipe speeds for 1D and 2D bar codes, as well as the ability to capture images and signatures.

- **Boost sales with increased accuracy and speed**

For countries that utilize the PDF417 bar code on an ID card or driver's license, optional embedded and server-based parsing agents enable decoding with very little effort. For example, a cashier could perform a single scan of a driver's license to validate a customer's age versus taking the time to review their birth date to calculate age. This functionality allows department, specialty and convenience stores, as well as pharmacies, to implement a wide range of applications that improve productivity, customer service, customer retention and sales; this also helps retailers reduce fraud and theft.

- **Performance designed to maximize productivity and add value**

Offering a programmable swipe speed of up to 100in/254cm per second, this scanner has what it takes to keep the checkout lines moving. Additionally, omnidirectional scanning saves time by eliminating the need to orient the bar code and scanner. The ability to capture 1D and 2D bar codes also eliminates the need to manually enter UPC codes altogether.

- **Rapid return on investment**

The flexibility of the NCR RealPOS Hybrid Presentation Imager enables rapid return on investment. It's designed to be a complete solution with the functionality of an image capture device, bar code scanner.



For more information, visit [www.ncr.com](http://www.ncr.com),  
or email [retail@ncr.com](mailto:retail@ncr.com).

## Key Features

- Based on Symbol™ DS9808
- Innovative hybrid design
- Comprehensive data capture
- Omnidirectional 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: Scanner: 8" (20.3cm) H x 5.4" (13.7cm) L x 3.4" (8.6cm) W
- Weight: Scanner: 12oz/340gm
- Voltage: Maximum 5V +/-10% VDC @ 450mA
- Color: Charcoal

### PERFORMANCE CHARACTERISTICS

- Light Source: 650nm laser diode
- Illumination: 630nm LED
- Imager Field of View: 39° H x 25° V
- Roll/Pitch/Yaw: 360°, +/-65°, +/-60°
- Swipe Speed: Programmable up to 100"/254cm per second (Horizontal Read Rate)
- Frame Rate: Up to 60 frames per second
- Decode Capability:
  - 1-D: UPC/EAN (UPCA/UPCE/UPCE1/EAN-8/ EAN-13/ JAN-8/JAN-13 plus supplementals, ISBN (Bookland), ISSN, Coupon Code), Code 39 (Standard, Full ASCII, Trioptic), Code 128 (Standard, Full ASCII, UCC/EAN-128, ISBT-128 Concatenated), Code 93, Codabar/ NW7, Code 11 (Standard, Matrix 2 of 5), MSI Plessey, I 2 of 5 (Interleaved 2 of 5/ITF, Discrete 2 of 5, IATA, Chinese 2 of 5), GS1 DataBar (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked, Inverse), Base 32 (Italian Pharmacode)
  - PDF417 (and variants): PDF417 (Standard, Macro), MicroPDF417 (Standard, Macro), Composite Codes (CC-A, CC-B, CC-C)

- 2-D: TLC-39, Aztec (Standard, Inverse), MaxiCode, DataMatrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro)
- Postal: U.S. Postnet and Planet, U.K. Post, Japan Post, Australian Post, Netherlands KIX Code, Royal Mail 4 State Customer, UPU FICS 4 State Postal, USPS 4CB
- Nominal Working Range (Handheld):
  - Code 39 – 5 mil: 0–4.5" (0–11.4cm)
  - UPC/EAN – 10 mil (80%): 0–8.5" (0–21.6cm)
  - UPC/EAN – 13 mil (100%): 0–10.5" (0–26.7cm)
  - PDF417 – 6.6 mil: 0–5.0" (0–12.7cm)
  - Datamatrix – 10 mil: 0–6.0" (0–15.2cm)
- Nominal Working Range (Presentation):
  - Code 39 – 5 mil: 0–4.5" (0–11.4cm)
  - UPC/EAN – 10 mil (80%): 0–7.0" (0–17.8cm)
  - UPC/EAN – 13 mil (100%): 0–8.0" (0–20.3cm)
  - PDF417 – 6.6 mil: 0–4.5" (0–11.4cm)
  - Datamatrix – 10 mil: 0–4.5" (0–11.4cm)
- Minimum Resolution: Code 39 – 4mil, UPC – 7.8 mil (60%), PDF417 – 5 mil, Datamatrix – 5mil
- Interfaces Supported: USB 2.0, RS-232, RS-485 (IBM 46xx Protocols)

### IMAGING CHARACTERISTICS

- Graphics Format Support: Images can be exported as Bitmap, JPEG or TIFF
- Image Transfer Speed: USB 2.0: Up to 12 Mb/second
- RS-232: Up to 115 kb/second

- Image Transfer Time: Typical USB application is ~0.2 seconds with a compressed JPEG of 100kb
- Image Quality: 120 dpi on a 4 x 6"/10.2 x 15.2cm document @ 6.5"/16.5cm

### USER ENVIRONMENT

- Operating Temperature: 32° to 104° F / 0° to 40° C
- Humidity: 5% to 95% RH (non-condensing)
- Drop Specifications: Withstands multiple 5'/1.5m drops to concrete

### REGULATORY

- Electrical Safety: UL6950-1, CSA C22.2 No. 60950-1, EN60950-1/ IEC60950-1
- Laser Safety: EN 60825-1, IEC 60825-1, 21CFR1040.10, CDRH Class II, IEC Class 2
- EMI/RFI: FCC Part 15 Class B, ICES-003 Class B, EN 55022, EN 55024 AS/ NZS 4268:2008, Japan VCCI
- Environmental: Compliant with RoHS directive 2002/95/EEC

### OPTIONS

- Electronic Article Surveillance: Compatible with Checkpoint EAS deactivation systems
- Accessories: Wall Mount Bracket; RFID Module\*



Experience a new world of interaction

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