

NCR RealPOS™ Cordless Handheld Imager

Looking for a cordless handheld scanner
that is capable of imaging?

YES

**The NCR RealPOS™ Cordless Handheld Imager offers
high-performance imaging in a flexible cordless design
to increase productivity at the checkout**

Designed with a sensor that is optimized for bar codes, this scanner offers industry-leading performance and reliability for environments that require the ability to scan 1D and 2D bar codes with cordless mobility.

- **High performance to keep checkouts moving quickly**

From high-density linear product bar codes to 2D bar codes on mobile phones, this scanner is designed to enable extended depth of field, faster read rates, and improved performance on all bar code types, including those that are poorly printed. Digital image capture options and a new decoding architecture make this scanner a valued asset in any retail environment.

- **Mobile applications will increase customer satisfaction and loyalty**

Consumers are adopting mobile devices as a more convenient solution for storing their loyalty programs, coupons, tickets and boarding passes. For retailers, being able to create a seamless interaction with those mobile devices at the checkout is important for protecting customer satisfaction and driving loyalty. Now, scanning virtually any mobile bar code on any type of display is simple and easy.

- **Compact design and enhanced reliability**

With a space-saving design that reduces internal component connections by leveraging a single board, this scanner was created with retail reliability in mind. It is a perfect fit in any retail space—from large general merchandise stores to grocery stores to specialty retail operations and hospitality businesses. In addition, its compact shape ensures that it fits comfortably in any hand size, reducing operator fatigue and offering more workspace without overcrowding.



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



Experience a new world of interaction

NCR RealPOS Cordless Handheld Imager

Key Features

- Based on Honeywell Xenon 1900
- Cordless handheld design
- Paging button to locate handheld
- Sensor optimized for bar codes
- 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

- WIDTH 2.8" (71mm)
- HEIGHT 6.3" (160mm)
- DEPTH 4.1 (104mm)
- WEIGHT 5.2oz (147g)
- Voltage:
Idle 5 +/-10% VDC @ 90mA
Scanning 5 +/-10% VDC @ 450mA
- Color: Black

PERFORMANCE CHARACTERISTICS

- Scan Pattern: Area image (838x640 pixel array)
- Motion Tolerance: Up to 610 cm/s (240 in/s) for 13 mil UPC at optimal focus
- Scan Angle: Horizontal 31.6°; Vertical 24.4°
- Pitch, Skew: 45°, 65°
- Symbol Contrast: 20% minimum reflectance difference
- Decode Capability: Reads standard 1D, stacked, 2D and postal symbologies; limited OCR font reading

- Nominal Working Range:
Code 39 – 5mil: 4.2–5.3 in (107–135 mm)
UPC – 13mil: 1.4–17.4 in (36–442 mm)
Code 39 – 20mil: 1.2–22.1 in (30–561 mm)
PDF417 – 6.7mil: 3.3–8.1 in (84–206 mm)
Datamatrix – 10mil: 3.4–8.2 in (86–208 mm)
QR – 20mil: 0.2–15.5 in (5–394 mm)
Code 39 – Resolution 1D: 5mil (0.127mm)
Datamatrix – Resolution 2D: 7.5mil (0.191mm)
Interfaces Supported: USB, RS-232, RS-485
(IBM 46xx Protocols), Keyboard Wedge

USER ENVIRONMENT

- Operating Temperature: 32° to 122° F/0° to 50° C
- Humidity: 0% to 95% RH (non-condensing)
- Drop Specifications: Withstands 50 6"/1.8m drops to concrete
- Sealing: IP41
- Light Levels: 0 to 100,000 lux (9,290 foot-candles)

REGULATORY

- Electrical Safety: UL; FCC – Class B, C-UL; Class B, GS Certificate, Gost-R Certificate, NOM Certificate, C-Tick, KCC Certificate – Class B EMI, BSMI Certificate
- EC-DoC Standards: IEC 60825-1: 1993+A1: 1997+A2: 2001, EMC Directive 2004/108/EC, EN 55022: 2006 Class B, EN 61000-3-2: 2006, EN 61000-3-3: 2008, EN 55024: 1998+A1: 2001+A2: 2003
- Environmental: WEEE Directive: 2002/95/EC REACH Regulation EU-RoHS Directive: 2002/96/EC China RoHS-Environmental



Experience a new world of interaction

NCR RealPOS Cordless Handheld Imager

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

All features, functions and operations described herein may not be marketed by NCR in all parts of the world. Consult your NCR representative or NCR office for the latest information.

NCR RealPOS is either a registered trademark or trademark of NCR Corporation in the United States and/or other countries. All brand and product names appearing in this document are trademarks, registered trademarks or service marks of their respective holders.

© 2011 NCR Corporation Patents Pending

EB10426-1111

www.ncr.com