NCR RealPOS™ Cordless Handheld Scanner

Need a cordless scanner that provides freedom and flexibility?

YES

The NCR RealPOS Cordless Handheld Scanner provides cordless freedom for maximum flexibility and profitability

With the NCR RealPOS Cordless Handheld Scanner, you will experience superior barcode scanning from a durable device. Workers can move within a 50ft (15m) radius to scan items. Hazardous cables can be eliminated to create a safer work environment. From cashiers moving around the register to scan large or heavy items, to nurses making sure a patient receives the correct medication, the integrated Bluetooth® technology ensures a reliable and secure connection.

- **Outstanding scanning performance**

    Designed to deliver exceptional scanning performance, users can scan objects at any angle. The innovative multiline rastering scan pattern eliminates the need for exact aim and positioning.

- **A new level of durability and lower total cost of ownership**

    The scanner and cradle are designed to stand up to rugged, daily use, including drops and spills with features that deliver maximum uptime. Your investment is protected with single-board construction that eliminates common points of failure.

- **Proven quality you can trust**

    In addition to the handheld scanner, you receive the added assurance of purchasing an NCR product. Because even durable products require a maintenance plan and support strategy, NCR has designed a full set of service offerings to help you protect your investment.

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

Key Features

- Based on Symbol™ LS4278
- Bluetooth class 2 v1.2
- Multiline rastering scan pattern
- Remote scanner management (RSM) ready
- Superior motion tolerance

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: (HxLxW)
  - Scanner: 7.3"x 3.85"x 2.7" (18.5cm x 9.7cm x 6.9cm)
  - Cradle: 2.0"x 8.35"x 3.4" (5cm x 21.1cm x 8.6cm)
- Weight:
  - Scanner: ~8.4oz (238g)
  - Cradle: ~6.4oz (183g)
- Mounting options: cradle supports vertical or horizontal positions
- Voltage (cradle): 5V+/-10% VDC; 12V+/-10% VDC
- Color: Cash Register White

PERFORMANCE CHARACTERISTICS

- Light source: 650nm laser diode
- Scan element frequency: 50Hz
- Decode rate: 200 decodes per second
- Radio range: minimum 33ft (10m); typical warehouse 50ft (15m)
- Battery specifications: 720maH NiMH, (3) AAA
- Number of scans per full charge: 32,000+ @ 1 scan/second
- Charge time, fully discharged battery: < 3 hours via external power, ~4.5 hours via host power through cable (typical daily scans are fewer than 4,000, which fully charges within 1 hour)
- Roll/Pitch/Yaw: +/- 35° / 60° / 60°

- Nominal working distance:
  - 5mil (Code 39): 1.5"–5.5" (3.81cm–13.97 cm)
  - 13mil (100% UPC/EAN): 0"–19" (0cm–48.25cm)
  - 10mil (Code 39): 0"–1" (0cm–35.56 cm)
  - 20mil (Code 39): 0"–29" (0cm–73.66 cm)
- Print contrast: 25% minimum reflectance
- Multi-line aiming coverage:
  - At 5" (12.7cm) reading distance: ~ 0.5" (1.3cm)
  - At 10" (25.4cm) reading distance: ~ 1"(2.5cm)
- Motion tolerances for horizontal, vertical and angular velocity: 200" (508 cm) per second
- Decode capability: 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
- Interfaces supported: cradle features on-board multiple interface with: RS232C (Standard, Nixdorf, ICL and Fujitsu); IBM 468x/469x; keyboard wedge; USB (Standard, IBM SurePOS, Macintosh); laser/wand emulation. In addition, Synapse connectivity enables the above plus other interfaces.

USER ENVIRONMENT

- Operating temperature: 32°F – 122° F (0°C – 50°C)
- Humidity: 5%– 95% non-condensing
- Drop specifications: withstands multiple 5ft (1.5m) drops to concrete

- # of cradle insertions: 250,000+ insertions
- Ambient light immunity: immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions

ACCESSORIES

- Mounting options: Hands-free Intellistand™
- Power supplies available

REGULATORY

- Electrical Safety: UL1950, CSA C22.2 No. 950, EN60950/IEC950
- Laser safety: CDRH Class II, IEC Class 2
- EMI/RFI: FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA
- Radio: Bluetooth, Class 2, Version 1.2, Serial Port & HID Profiles 2.402 to 2.480Ghz Adaptive Frequency Hopping (co-existence with 802.11 wireless networks), Data rate: 720kbps