NCR RealPOS™ High Performance Hybrid Bi-Optic Scanner/Scale

Bi-Optic Scanners

> Looking for a single scanner to address 1D and 2D bar codes while maintaining high-speed performance at the checkout?
>
> **YES**

The NCR RealPOS High Performance Hybrid Bi-Optic Scanner/ Scale leads the way with superior performance and flexibility

NCR's hybrid technology couples laser scan lines with the latest in imaging technology to provide you with a high-performance scanner that can not only aggressively decode your traditional 1D bar coded items, but also manage 2D bar codes and mobile devices. This hybrid technology creates a seamless scanning interaction for both assisted service cashiers and consumers at self-checkout.

- **Hybrid technology offers the best of both worlds**

  With NCR's hybrid technology, both the lasers and imager work in conjunction to search out the bar code. The scanner transparently passes on the information, regardless of which technology detects the bar code first—there are no buttons to push or scanning modes to worry about. This allows the scanner to leverage the high-performance lasers to carry the bulk of your daily scanning, while offering the flexibility of accepting mobile coupons and mobile loyalty, as well as driver's licenses and other 2D bar code scanning.

- **Performance you can count on**

  This scanner features NCR's Optical Effects Technology (OFX) that drives more laser scan lines at greater lengths and angles to dramatically improve performance. The resulting dense pattern captures and reads even difficult bar codes, including those that are small and truncated. OFX coupled with hybrid imaging technology ensures a high-performance read rate and an overall productivity boost for all users.

- **Exceptional investment protection**

  The NCR RealPOS High Performance Hybrid Bi-Optic Scanner/Scale is designed to meet current retail requirements as well as future needs with its single footprint design and modular upgradeability. This scanner can be upgraded after install to a scale model, enabled with electronic article surveillance deactivation, or advanced to the latest hybrid scanning technology with imaging – allowing it to grow with your business.

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

Key Features

- Hybrid technology with laser and imaging
- Scan advisor light bar
- Clean window indicator
- Indestructible buttons
- Audio volume and pitch adjustment
- Configurable third button (e.g., for EAS)
- EAS deactivation options

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

LASER TECHNOLOGY

- Laser diode – 650nm
- Scan lines: 78
- Sides read: six, all sides
- Scan lines per second: 9,750
- Scan line inches per second: 39,000" (99,060cm)

IMAGING TECHNOLOGY

- Scan pattern: Area image (838 x 640 pixel array)
- Scan angle: Horizontal 15.8°; Vertical 12.2°
- Pitch, skew: 45°, 65°

SCALE CAPACITY

- 30lb (15kg) in 0.01lb (0.005kg) increments

CONNECTIVITY

- RS-232, USB (NCR/PC and IBM), IBM RS485
- Auxiliary ports: 2 x RS232, 4 x PC-USB (Type A)

SYMBOLOGIES

- UPC/EAN with two-digit and five-digit add-on symbols
- Code 128
- Code 39 (3 of 9)
- Interleaved 2 of 5
- Codabar
- Italian Pharmacode

- GS1 DataBar™ (RSS): DataBar Omnidirectional, Stacked Omnidirectional, Expanded, Expanded Stacked
- GTIN and 2005 Sunrise compliant
- 2D and postal symbologies including PDF variants, DataMatrix/Aztec, QR, MaxiCode

ELECTRONIC ARTICLE SURVELIENCE (EAS)

- Sensormatic® Ultra•Max® Deactivator 5278 EAS
- ZBAMB5278A Sensormatic coil set
- 0352-0337-01 installation kit

WINDOW MATERIAL

- Vertical and lower horizontal: Hurricane glass
- Horizontal top plate:
  - Standard: EverScan glass – lifetime warranty
  - Option: Sapphire glass

POWER

- 12V terminal power option (90–264VAC/47–63Hz)
- 12 watts while scanning, 6 watts while on stand-by

ENVIRONMENTAL SPECIFICATIONS

- Working temperature: 41°F–104°F (5°C–40°C)
- Relative humidity: 5%–95% non-condensing

PHYSICAL CHARACTERISTICS (WxLxD)

- Full-size scanner:
  11.5" x 20" x 5"
  (29.2cm x 50.8cm x 12.7cm)
- Full-size scanner/scale:
  12" x 20" x 5"
  (30.3cm x 50.8cm x 12.7cm)

NCR Experience a new world of interaction

NCR RealPOS High Performance
Hybrid Bi-Optic Scanner/Scale