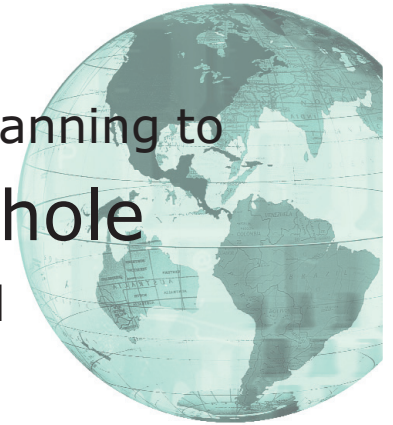




# NCR RealScan™ 76 Bi-optic Scanner / Scale

Taking scanning to  
a whole  
new level



- Easy to Use, Easy to Master
- Outstanding Performance
- Adaptive Label Reconstruction

Once again NCR is leading the retail industry, improving checkout productivity. The NCR RealScan 76 Bi-optic Scanner/Scale brings unmatched performance, usability and checkout productivity to your retail business.

## Easier to Use than Ever Before

NCR's world-class human factors engineers designed the NCR RealScan 76 to be easy to learn, easy to use and easy to master. By routinely removing obstacles to high productivity and cashier satisfaction the NCR RealScan 76 improves customer service.

- Scan Doctor software "speaks" to the cashier to describe problems and explain how to fix them.
- A "clean glass" indicator immediately indicates the scanner window should be cleaned to ensure optimal performance.
- Optional produce guard supports weighing overlength produce.

## Bad Labels – No Problem

Using "Adaptive Label Reconstruction," the NCR RealScan 76 decodes misprinted, wrinkled or damaged bar codes and then reconstructs them, providing the terminal with accurate bar code information and further improving the checkout process. Additionally, PACESETTER 4D provides realtime reporting about bad bar codes, allowing the retailer to determine the severity, source and cause of the problem.

## SA Technology Delivers High-Performance Scanning

NCR has redefined cashier productivity by implementing dual Application-Specific Integrated Circuit (ASIC) microchips that deliver greater speed. Programming advancements can also be easily inserted into the scanner's 2 MB of Flash memory. The NCR RealScan 76 leverages a Dual Channel Video system and a 10,000-RPM motor to deliver an exhaustive 18,677 scan lines per second. This is 75% faster than our own NCR RealScan 75 and nearly 3 times that of our nearest competitor. These scan patterns launch through larger windows producing a bigger scan zone. Combined, these features allow product orientation to be virtually eliminated and first pass read rates to soar as bar codes are read from any side and the product is blanketed with laser light.



# NCR RealScan™ 76

## Bi-optic Scanner/Scale

### RSS and Add-on Codes Enabled

The NCR RealScan 76 is able to read RSS bar codes quickly and easily with fine-line algorithms to capture difficult-to-read bar code structures. Add-on codes (magazines, greeting cards, and coupons) are also easily acquired.

### Electronic Article Surveillance Deactivation Option (EAS)

The full-size NCR RealScan 76 can be easily integrated with the Sensormatic ScanMax® Electronic Article Surveillance (EAS) deactivation antenna. This integration of the scan zone and deactivation field assures accurate deactivation as the scan occurs. Also, the innovative design allows the deactivation to be oriented on either side of the scan window enabling left-to-right or right to-left scanning of products.

### Technical Specifications

#### Laser Technology

- Laser Diode – 675 nm

#### Scan Pattern

- Horizontal 32 Physical / 64 Virtual
- Vertical 24 Physical / 48 Virtual
- Sides Read: All Sides
- Motor Speed: 10,000 RPM
- Patterns per Second: 167
- Scan Lines Read per Second: 18,667

#### Scale

- Capacity: 30 lb or 13.995 kg in 0.01 lb or 0.005 kg increments

#### Window Material

- Vertical: Abrasion Resistant Shatter-Proof Acrylic
- Horizontal:
  - Standard: EverScan - Limited Lifetime Warranty
  - Option: Sapphire – Scratch proof

#### Power

- 90-260 VAC / 47-63 Hz
- 20 Watts while scanning, 7 Watts while in stand-by

### Environmental Specifications

#### Working Temperature

- 50° to 104°F / 10° to 40° C

#### Storage Temperature

- 5° to 120° F / -15° to 50° C

#### Relative Humidity

- 5% - 95% Non-Condensing

#### Transit Temperature

- -40° to 140° F / -40° to 60° C

### Physical Characteristics

#### Interfaces

- RS232
- USB (NCR/PC and IBM)
- IBM 468X/469X

#### Symbologies

- GTIN and Sunrise 2005 Compliant
- UPC-A, UPC-E, EAN8, EAN13 with P2/P5 Add-On Codes
- Code 3 of 9 (39)
- Code 128
- Interleaved 2 of 5
- RSS-14 and Stacked Omni-directional
- RSS-14 Expanded and Stacked

#### Diagnostics

- Multi-Language Speech

#### Advanced Decode Analysis

- Inquiry /Diagnostic Mode - Offline
  - Speaks Tallies and Quality of Bar Code Error Types
- Operations Mode - Online
  - Reports Bar Code Quality to Host in Real Time
- Reconstruct Thermal Barcodes with Missing Lines

#### Patents Issued

Over 30 patents issued.

For more information, visit [www.ncr.com](http://www.ncr.com), call 866.431.7879, or email [retail.contactus@ncr.com](mailto:retail.contactus@ncr.com).

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Patents Pending

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