



NCR RealScan 78_{OFX}

Bi-optic Scanner/Scale

Superior Operational Performance, Flexibility and Investment



- Optical Effects (*OFX*) Technology
- Fast In-lane Scale Upgradeability
- LED Scan Adviser
- Enhanced Serviceability

Leveraging input from retailers around the world, NCR designed the NCR RealScan 78_{OFX} bi-optic scanner scale to provide superior operational performance, flexibility and investment protection to all stakeholders.

Leading Edge Performance

The NCR RealScan 78_{OFX} incorporates NCR's Optical Effects Technology featuring a cutting-edge design that drives more scan lines at greater lengths and angles to dramatically improve performance. The result is a dense pattern of scan lines that “casts a finer net” to capture and read all bar codes, including the difficult to read small and truncated bar codes. This extensive scan coverage and higher performance read rate provides an overall productivity boost for all users – novice, experienced and self-checkout.

Exceptional Investment Protection

Retailers require scanning solutions robust enough to meet current requirements while providing the flexibility to address future needs. The NCR RealScan 78_{OFX} bi-optic scanner scale provides flexibility by leveraging a single footprint design – one model supports a scanner, a scale,

and Sensormatic® functionality. When retailers require new functionality they can upgrade their existing scanner with a scale and/or Sensormatic technology quickly, in the lane. Four auxiliary USB ports are also included to provide additional flexibility and investment protection when the need arises. When combined with the appropriate software drivers, this simple upgradeability enables retailers to reduce upfront costs, giving them flexibility to only expend resources when the need develops and to quickly respond to changing market requirements.



NCR RealScan 78_{OFX}

Bi-optic Scanner/Scale

Intuitive Cashier and Consumer Interface

The NCR RealScan 78_{OFX}'s aggressive scan pattern reads all sizes and shapes of bar codes making the scanner particularly user-friendly for novice and self-service users. To further improve ease of use, a customizable scan adviser, leveraging five bright LED's, provides intuitive cashier feedback regardless of distractions during the checkout process. The use of peripheral vision, colors, and patterns is ideal for hearing impaired cashiers. When combined with the external speaker connection, the scan adviser facilitates silent feedback for a quieter front end.

Efficient Operational Performance

All of the NCR RealScan 78_{OFX}'s features converge to provide efficient operational performance throughout the checkout process. The NCR RealScan 78_{OFX} is designed to offer optimal productivity for easy serviceability and maintenance along with efficient and reliable operation. In addition, it provides electronic article surveillance tools to help reduce shrink.

Features and benefits include:

- Serviceability enhancements, such as side accessible handles for installation, tool-free removal of the bezel and tower for quick access to key components, and a reduced number of screws to shorten repair times and ensure that lanes are up and running.

- The ability to power the scanner from many POS terminals reduces cable connections and therefore improves reliability.
- Scan Doctor software “speaks” to the cashier to describe problems and explain how to fix them. The color-coded, five LED scan adviser supplements Scan Doctor and quickly communicates scanner status.
- The NCR RealScan 78_{OFX} supports Sensormatic® Ultra•Max® Deactivator 5278 technology providing a 30% larger deactivation zone than non bi-planar coil solutions. This reduces failures-to-deactivate, which improves both employee and customer satisfaction.
- NCR offers PACESETTER Management Tools that facilitate remote firmware updates, configuration changes and asset tracking without the expense of physically handling each device. PACESETTER saves retailers time and money.
- PACESETTER Management Tools can also help retailers monitor checkout productivity by tracking data such as items per minute, single versus multi-pass and Sensormatic deactivations.

The NCR RealScan 78_{OFX}'s performance and flexibility provide an unparalleled scanning solution designed to protect the retailer's investment.



Technical Specifications

Laser Technology

- Laser Diode – 650nm

Scan Pattern

- Scan lines: 78
- Sides read: all sides
- Scan lines per second: 9,750
- Scan line inches per second: 39,000

Scale Capacity

- 30 lb or 15 kg in 0.01 lb or 0.005 kg increments

Interfaces

- RS-232
- USB (NCR/PC and IBM)
- IBM 468X/469X
- Additional communication ports
 - Two RS-232
 - One available for dual-cable scale communications
 - Four PC-USB
 - Two internal, two external

Additional Features

- Configurable scan adviser conveys successful scan, EAS deactivation and general status
- Clean window Indicator
- Indestructible buttons
- Audio volume and pitch adjustment
- Configurable third button (i.e. for EAS)
- Rear and side accessible handle grips for ease of installation
- Sensormatic and Checkpoint® EAS deactivation options

Symbologies

- UPC/EAN with 2-digit and 5-digit add-on symbols
- Code 39 (3 of 9)
- Code 128
- Interleaved 2 of 5
- GS1 DataBar (RSS) - DataBar, Stacked Omnidirectional, Expanded, Expanded Stacked
- GTIN and 2005 Sunrise Compliant

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 – limited lifetime warranty
 - Option: Sapphire – scratch proof

Power

- 12V terminal power option
- 90-264 VAC / 47-63 Hz
- 13 watts while scanning, 7 watts while in stand-by

Environmental Specifications

- Working temperature: 41° to 104°F / 5° to 40° C
- Relative humidity: 5% - 95% non-condensing

Physical Characteristics

- Full-size scanner
 - W: 11.5"/29.2 cm, L: 20"/50.8 cm, D: 5"/12.7 cm
- Full-size scanner/scale
 - W: 12"/30.3 cm, L: 20"/50.8 cm, D: 5"/12.7 cm

For more information, visit www.ncr.com, call 866.431.7879, or e-mail retail.contactus@ncr.com.



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 RealScan 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.

© 2007 NCR Corporation

Patents Pending

Printed in U.S.A.

EB5147-1007



www.ncr.com