I AM THE NCR REALSCAN 78 HYBRID SCANNER/SCALE

Bi-Optic Scanner/Scale

1D, 2D, Mobile

The NCR RealScan 78 Hybrid 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.

When confronted with problem labels, the high-performance scan pattern and imager quickly recognizes and corrects label defects, using NCR's patented PACESETTER® technology.

Exceptional investment protection

The NCR RealScan 78 can be purchased as a Laser only model to meet current retail requirements, and in the future as your business needs change, you can easily upgrade to our Hybrid imaging technology. With this same investment protection in mind, you can upgrade your scanner to a scale model after install and enable it with electronic article surveillance deactivation.

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

NCR

Why NCR?

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 300 million transactions daily across the retail, financial, travel, hospitality, telecom and technology industries. NCR solutions run the everyday transactions that make your life easier.

NCR is headquartered in Duluth, Georgia with over 26,000 employees and does business in 180 countries. NCR is a trademark of NCR Corporation in the United States and other countries.

Key features

- Hybrid technology with laser and imaging
- Upgradable to imaging after purchase
- Scan advisor light bar
- Clean window indicator

- Taller tower for maximum scan volume and performance
- Audio volume and pitch adjustment
- Configurable third button (e.g., for EAS)
- Scan Doctor patented spoken voice diagnostics

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)

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

CONNECTIVITY
- RS-232, USB (NCR/ PC and IBM/POS), IBM RS-485
- Auxiliary ports: 2 x RS232, 4 x PC-USB (Type A)

1D 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

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

ELECTRONIC ARTICLE SURVELIENCE (EAS)
- Option for Sensormatic® Electronic Article Surveillance (EAS) interlock and deactivation coil
- Option for Checkpoint®EAS interlock and integrated antenna

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

PRODUCT DIMENSIONS

FULL-SIZE SCANNER
- HEIGHT   20"   50.8cm
- WIDTH   11.5   29.2cm
- DEPTH   5"   12.7cm

FULL-SIZE SCANNER/SCALE
- HEIGHT   20"   50.8cm
- WIDTH   12"   30.3cm
- DEPTH   5"   12.7cm

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

2D SYMBOLOGIES
- 2D and postal symbologies including PDF variants, DataMatrix/Aztec, QR, MaxiCode