

# I AM THE NCR REALSCAN 84 HYBRID SCANNER

Single Window Scanner



1D, 2D, Mobile

## The NCR RealScan 84 Hybrid Scanner provides the performance, usability and flexibility needed in any environment.

The NCR RealScan 84 Hybrid Scanner is the highest performing scanner in its category. This scanner is ideal for mid- to high-volume transaction environments such as specialty, drug, convenience and grocery stores. It uses NCR hybrid technology, which couples laser scan lines with the latest in imaging technology, to aggressively decode traditional 1D bar coded items as well as manage 2D bar codes for mobile devices.

### Improves checkout productivity with hybrid technology

An aggressive 30-line omnidirectional laser scan pattern pairs with an advanced 2D bar code imaging system to enable a hybrid technology that allows the laser and imager to work in conjunction when searching out bar codes. When confronted with problem labels, the high-performance scan pattern and imager quickly recognizes and corrects label defects, using NCR's patented PACESETTER® software. The scanner 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. The 2D bar code scanner offers the flexibility of accepting mobile coupons and mobile loyalty as well as driver's licenses, while the high-performance lasers carry the bulk of your daily scanning. This hybrid technology improves productivity for both new and experienced cashiers.

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

### Offers an intuitive cashier interface

To make it even easier to use, the cashier interface offers a customizable scan advisor with five bright LEDs that communicate scanner status and successful scans.

### Provides a robust scanning solution

This scanner offers flexibility for any environment, with its industry-standard footprint and options for vertical or horizontal mounting. It also offers a terminal power option and auxiliary RS-232 and USB ports for more connectivity.



# 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 Imaging and Laser technology for 1D, 2D and mobile bar codes
- Flexible configurations for vertical or horizontal installations
- Intuitive, color LED scan advisor
- Scan Doctor patented spoken voice diagnostics
- Audio Volume and pitch adjustment
- PACESETTER® advanced bar code decoding

## Technical specifications

### LASER TECHNOLOGY

- 6,600 rpm motor
- 30-line omnidirectional scan pattern
- 8" depth of field
- Minimum resolution: 4.5mil

### IMAGING TECHNOLOGY

- Scan pattern:  
Area image (752 x 480 pixel array)
- Scan angle: Horizontal 41.4°;  
Vertical 32.2°
- Pitch: +/- 45°, skew +/- 65°

### CONNECTIVITY

- RS-232, PS/2 keyboard wedge, IBM RS-485, USB (NCR/ PC and IBM/ POS)

### 1D SYMBOLOGIES

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

- GS1 DataBar (RSS) DataBar Omnidirectional, Stacked Omnidirectional, Expanded, Expanded Stacked
- Sunrise 2005 compliant

### 2D SYMBOLOGIES

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

### WINDOW MATERIALS

- Vertical configuration: Hurricane glass
- Horizontal configuration:
  - Standard: EverScan glass – lifetime warranty
  - Option: Sapphire glass

### ELECTRONIC ARTICLE SURVEILLANCE (EAS)

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

### POWER MANAGEMENT

- Powered RS-232 or USB or External DC power supply (+12v)
- 100-240V, 50-60 Hz universal power supply
- 3.3 watts while scanning, 1.8 watts standby

### PRODUCT DIMENSIONS

#### VERTICAL

- WIDTH 6.0" (15.2cm)
- HEIGHT 6.0" (15.2cm)
- DEPTH 3.4" (8.6cm)

#### HORIZONTAL WITH TOP PLATE

- WIDTH 7.5" (19.1cm)
- HEIGHT 7.5" (19.1cm)
- DEPTH 3.5" (8.9cm)

### OPTIONAL FEATURES

- NCR RealScan 12 Scale
- Scanner Data Management tools
- EAS deactivation options
- Horizontal and vertical mounts

NCR continually improves products as new technologies and components become available. NCR, therefore, reserves the right to change specifications without prior notice.

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