NCR RealScan™ 83 Convertible Scanner

High **Performance**

Single Window Scanner

- High Performance
- Outstanding Investment Protection
- Remote Management Capabilities
- Integrated Sensormatic® or CheckPoint® EAS

NCR's high-performance single window scanner is powered by our super Application-Specific Integrated Circuit (ASIC) chip set to provide maximum throughput at your point-of-sale.

High Performance for Maximum Throughput

The super ASIC (SA) platform delivers greater speed, additional memory and simple flash upgrade capability to dramatically improve cashier productivity and speed your checkout lines. Combined with an easy-to-use, hands-free design, the NCR RealScan 83's strong scan pattern quickly captures the bar code to provide the cashier with a speedy, accurate response. This aggressive read is made possible by a dense 24-line scan pattern attacking bar codes 92 times per second.

In the case of a problem label, NCR's patented PACESETTER software quickly recognizes label defects, corrects them, and then sends accurate information to the POS terminal. This ensures an excellent first-pass read percentage, shorter total scan time, faster checkouts, and less frustrated cashiers. The result: satisfied customers who are more likely to return to your store.

Remote Management Tools

The cost of physically touching each scanner is expensive and makes updates time consuming and difficult to manage. NCR offers a set of remote management tools which facilitate firmware updates and configuration changes without the expense of physically handling each device. These tools also include remote asset management functionality that enables you to survey your install base and reduce the deployment time for new IT projects. Combined these tools enable you to benefit from firmware productivity enhancements or implement new functionality without delay.

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Convertibility Protects Your Investment

The NCR RealScan 83 scan pattern can be adjusted, through the flip of a switch, for optimal scanning in either the horizontal or vertical position, protecting your scanning investment. This unique capability is made possible by the patented OPTIMIZER that adjusts the scan pattern for the best readability, based on your installation preference. All other single-window scanner manufacturers must offer two distinctly different models for horizontal or vertical scanning.

Technical Specifications:

Performance:
• 5,500 rpm motor
• 24-line complete scan pattern
• 92 scan frames/second
• 2,200 scan lines/second

Scanner Top Plate Glass Options:
• EverScan
• Sapphire

Interface Options:
• RS-232
• USB (USB A and USB PlusPower).
• IBM RS485
• PS/2 keyboard wedge

Two RS232 Ports:
• Handheld scanner
• Third-party device (i.e. scale)

Symbologies:
• UPC/EAN/JAN with 2-digit and 5-digit add-on symbols
• Interleaved 2 of 5
• Reduced Space Symbology (RSS-14, Expanded, and Stacked)
• Code 3 of 9 (39)
• Code 128
• Sunrise 2005 compliant

Features:
• Clean Window Indicator
• Remote Management Capabilities

Accessories:
• Checkpoint electronic article surveillance compatibility
• Sensormatic electronic article surveillance compatibility
• Horizontal and vertical mounts
• Third-party scales

Physical Specifications:
• L: 6.5"/16.5 cm, W: 6.5"/16.5 cm, D: 3.0"/7.6 cm
• Weight: 2.5 lb./1.1 kg04

Environmental Specifications:
• Operating temperature: 50°F to 104°F or 10°C to 40°C
• Relative humidity: 5% to 95% (non-condensing)

Power Requirements:
• External DC power supply (+12)
• Optional Powered RS-232 or USB via RealPOS terminal

Power Supply Voltages:
• 85 – 264 V, 50 – 60 Hz universal power supply
• 15 watts power consumption

Class IIa Laser Product – avoid long-term viewing of direct laser light.

Compliant Standards
• RoHS, WEEE

For more information, visit www.ncr.com, call 866.431.7879, or email retail.contactus@ncr.com.

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