NCR RealPOS™ 7168
Two-Sided Multifunction Printer

Save.
Promote.
Deliver.

NCR. The Next Generation in Thermal Receipt Printing.

- Save… money to your bottom line, time at your front end and the environment.
- Promote… your products and your brand
- Deliver… improved customer satisfaction and return on investment

The company that originally invented the point-of-sale receipt now takes thermal printing into the next generation with the introduction of two-sided thermal receipt printing technology. By simultaneously printing on both sides of the receipt, you can improve your operational efficiencies, promote products and services within your store and deliver improved customer satisfaction.

Additionally, less paper usage shows your commitment to improve the environment. For example, a 12 lane supermarket using two-sided printing technology to save up to 45% of their paper usage could potentially save 15-75 trees per year!

Save Time, Money, and Trees at the Front End

Use up to 45% less paper with the NCR RealPOS Two-Sided Multifunction Printer; providing you fewer printer roll changes, especially during busy peak times. This means you can keep your lanes up and running when you need it most and allow your customers to get through your store quickly and conveniently.

In addition, the Two-Sided Multifunction Printer provides up to 25% overall paper savings. Not only do you reduce your physical paper costs, you can also lower your overall freight, and storage costs.

Promote Your Brand to Your Customers

In addition to having ample memory to store corporate logos and graphics, the NCR RealPOS Two-Sided Multifunction Printer now offers the ability to print one color (blue, black or red) on one side of the receipt at no additional cost for the paper. This provides an enhanced advertising vehicle that you can control and update by transaction or by store. You no longer need to use pre-printed paper that might change or expire over time. You can now maintain control over the messages and promotions your customers receive at the checkout.

Deliver Improved Customer Satisfaction and Return on Investment

By using up to 45% less paper, the NCR RealPOS Two-Sided Multifunction Printer gives your customers a shorter, more manageable receipt instead of the traditional long, bulky, cumbersome receipts that is offered today.

Additionally, NCR protects your current point-of-sale hardware investment while allowing you to implement the latest high-speed thermal printer technology. Featuring RS-485 connectivity with IBM 4610 emulation, the Two-Sided Multifunction Printer enables you to switch out your IBM printer to take advantage of the new two-sided thermal technology. Furthermore, when you require upgrading to USB, simply change the cable to quickly implement the latest technology.

Seamless Transition from Your Current Printer

NCR designed the new Two-Sided Multifunction Printer with the same footprint and functionality as the current NCR RealPOS 7167 Multifunction Printer models making it easy to integrate the new printer into your existing environment. These same features include MICR, check flip, and the impact slip station. Additionally, the new printer includes the modular serviceability, drop-in paper loading, up to 384K memory for graphics and logos, as well as the same cash drawer kick port and print drivers that are offered in existing models. NCR also designed the two-sided printer to automatically split the receipt when you install the printer making simultaneous two-sided printing plug and play without the need to make POS application software changes.

Enhanced Receipt Security

With receipt fraud becoming more prevalent in the retail industry, the two-sided printing technology helps minimize this with the thermal coating on both sides. This additional thermal coating makes it more difficult to duplicate two-sided receipts than standard single-sided receipts today.

Speed and Flexibility

The NCR RealPOS Two-Sided Multifunction Printer features high-speed thermal technology that can print up to 52 lines per second (front and back), enabling you to quickly complete transactions.

Despite the widespread use of debit and credit cards, consumers still write millions of checks every year. The Two-Sided Multifunction Printer offers advanced check-handling features that help reduce costs and improve cashier productivity at the checkout. An optional check MICR reader enables quick and reliable check validation, while check-flip allows single insertion check handling, minimizing human intervention and improving productivity. The check-flip function also enables you to print on both sides of a check, which speeds up the check-out process.

Intelligent and Intuitive Design

NCR Human Factors Engineering studies show the ease and intuitive operation of the NCR RealPOS Two-Sided Multifunction Printer, contributing to operator productivity and allowing your employees to focus on their top priority – your customer.

- Most printers on the market today offer a narrow, curved slip table, which presents a greater opportunity for paper to jam. The Two-Sided Multifunction Printer features a flat-slip table with a forms indicator light. Feeding checks on a flat slip table is more intuitive and the indicator light helps eliminate misfeeds resulting in faster transaction times.

- The Two-Sided Multifunction Printer features drop-in paper loading allowing you to quickly replace the paper roll and minimize customer wait time.

- Slip printer ink ribbons snap in and out quickly for easy replacement.

- The Two-Sided Multifunction Printer features an auto-sensing communication interface. This allows you to quickly change from your current RS-232 or RS-485 interface to USB by swapping the cable. There is no need to change expensive communication cards.

Keeping Your Lanes Up and Running

The NCR RealPOS Two-Sided Multifunction Printer is designed for the harshest retail environments; however, if the printer requires service, the process is quick and simple.

- Unlike some products that feature awkward dipswitches, the Two-Sided Multifunction Printer features single button programming that guides operators through firmware configurations as well as local and remote diagnostics.

- Diagnostic tallies, such as hours in operation, MICR reads, and lines and characters printed are stored in printer memory and can be printed on demand or polled remotely.

- Contributing to your bottom line even further, the Two-Sided Multifunction Printer is designed with modular serviceability allowing for fast and economical repairs.

NCR Service and Support

The NCR RealPOS printer family is supported by our responsive global services team offering a complete portfolio of consulting, development, deployment, integration and maintenance services. NCR retail experts will work closely with you to customize a solution that will support your business objectives and deliver the value that you – and your customers – expect.

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

Technical Specifications

Thermal Receipt Station
- Thermal, fixed head, 203 dots per inch
- Print speed - 50 LPS @ 7.5 LPI; 52 LPS @ 8LPI
- Simultaneous front and back printing

Options
- Check MICR reader E13B CMC-7
- Check "flip" module – prints both sides of the check
- Auto-sensing RS 232, USB interface
- Auto-sensing RS485, USB interface
- IBM 4610 Emulation

Standard Features
- Automatic split receipt feature
- 50K storage space for up to 25 macros in printer
- Rotary knife
- Impact slip station with forms alignment indicator
- Drop-in paper loading with paper low and out sensors
- Color printing: black/black; black/red; black/blue
- Flash memory: 4MB
- Single cash drawer port (1 or 2 drawers)

Bar Code Generation
- UPC-A, UPC-E, JAN 13 (EAN), JAN 8 (EAN), Code 39, Code 128,
- Interleaved 2 of 5, Codabar, Code 93, PDF 417 (receipt station only)

Print Modes
- Standard, compressed, double high, double width, upside down, rotated, underline, scalable, bold, superscript, italic, subscript, reverse print

Slip Paper Requirements
- Up to four ply

NCR RealPOS™ 7168
Two-Sided Multi-function Printer

2ST
TECHNOLOGY

Character Sets
- 437 US English
- 850 Multilingual (Latin I)
- 852 Slavic
- 858 Multilingual with Euro symbol
- 860 Portuguese
- 862 Hebrew
- 863 French Canadian
- 864 Arabic
- 865 Nordic
- 866 Cyrillic
- 874 Thailand
- 1252 Windows Latin I
- Katakana
- 932 Japanese Kanji
- 936 Simple Chinese
- 949 Korean
- 950 Traditional Chinese

Colors
- Beige or charcoal

Power Requirements
- 24V dedicated power connection (RealPOS 80, 80c, 70, 30)
- Optional external 75-watt power supply available

Dimensions
- 7.5x11.50x7.06 inches (190.5x292.1x179.3 mm) / 8.76 lbs

Environmental Conditions
- Operating temperature: 5°C to 45°C (40°F to 112°F)
- Operating humidity: 5%-90%

Print Drivers
- OPOS, TAPS, JavaPOS for Windows and Linux

Compliant Standards
- RoHS
- WEEE

	Standard	Compressed	Standard Double Byte	Compressed Double Byte
Columns per line (80 mm/58 mm paper)	44/32	56/42	22/17	28/21
Character pitch (cpi)	15.6/15.6	20.3/20.3	7.8/8.5	10.3/10.2
Character cell	13x24/13x24	10x24/10x24	24x24	20x24

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