

FAST, UNCOMPLICATED PRODUCTIVITY



SP 4100N MICR AT A GLANCE

- UP TO 31 PAGES PER MINUTE
- 6.9-SECOND FIRST PAGE TO PRINT
- OPTIONAL DUPLEXING
- 1,600-PAGE MAXIMUM INPUT CAPACITY
- 100,000 PRINTS PER MONTH DUTY CYCLE
- MICR TONER CARTRIDGE INCLUDED

The SP 4100N MICR printer is packed with time and money-saving capabilities that make it perfect for an office or small workgroup. It delivers the first page to print in just 6.9 seconds, and up to 31 pages per minute. The SP 4100N MICR's simple paper path and smooth paper feeding and handling virtually eliminate paper jams. Front-access trays and a small footprint make it ideal when space is at a premium.

The SP 4100N MICR offers Rosetta Technologies' Intelligent MICR™ features like a programmable online dashboard, remote user and administrative control and highly configurable alerts. And, with the ability to emulate PCL and PostScript print streams, the SP 4100N MICR printer surpasses all other printers in its class.

ACCESS & CONTROL FEATURES

- **EVENT-BASED ALERTS:** This feature is easily configured to notify users or administrators of 20 different types of events. Each printer status item can be viewed quickly, including empty toner, paper misfeeds, duplex errors, and more. Groups can be created with different types of alerts going to different users.
- **ON-DEMAND ALERTS:** This feature is perfect for managers and administrators needing oversight of the entire print network. The on-demand alert feature provides real-time access to reports and usage records. Alerts are fully configurable for different classes of users.
- **REMOTE UPDATES:** In distributed print environments, the remote updates feature allows administrators to quickly and easily identify current firmware versions, and update as needed.
- **DATASTREAM EMULATION:** The datastream emulation feature provides for the automatic conversion of control characters in the print stream. This feature is perfect for customers with legacy applications, or those who are transitioning from another brand of MICR printer.

QUALITY ASSURANCE FEATURES

- **E-13B FONT:** This font was created specifically for the SP 4100N MICR printer. The printer-specific font ensures the highest achievable readability of MICR characters.
- **CMC7 FONT:** This font was designed specifically for use with Rosetta Technologies' MICR printers to produce the highest achievable readability of MICR characters.
- **LOW-TONER WARNING & AUTO STOP:** This feature senses toner level remaining in a cartridge, warns user of a low condition, and automatically stops printing when the toner reaches a level that could adversely impact MICR readability.
- **ORIGINAL-MANUFACTURED MICR TONER CARTRIDGE:** Toner formulation and cartridge design specific to the SP 4100N MICR printer engine, ensures high print quality, excellent toner yield, and long fuser life.
- **MICR QUALITY GUARANTEE:** Rosetta Technologies ensures the readability performance of the SP 4100N MICR printer when used in conjunction with approved MICR toner and check stock.

SECURITY FEATURES

- **SECURE AMOUNT AND PAYEE FONTS:** These unique fonts are very difficult to alter because of a special background and very small text & numeric print embedded in the payee and amount lines of the check.
- **PASSWORD PROTECTION:** The SP 4110N MICR offers up to 10 user ids and passwords that prevents unauthorized users from printing to the printer.
- **PAPER TRAY LOCKS:** The optional paper tray lock makes it impossible to access a paper tray containing check stock without a key.
- **DATASTREAM ENCRYPTION:** This feature sends secure, encrypted data from the host. The data is then received and decrypted by the printer. This helps to combat check fraud because it makes it impossible to intercept the print stream data.

SP 4100N MICR PRINTER

CONFIGURE BASED ON YOUR NEEDS

The SP 4100N MICR printer is highly configurable so that it can be customized to your specifications. Whether you need WiFi connectivity, a hard disk drive for added storage, locked paper trays for additional security, or an IPDS model, the SP 4100N MICR offers the options to meet your needs.

The SP 4100N MICR also has optional duplex printing. This allows everything to be printed in one pass on blank safety stock, pressure seal, or other check paper. This improves hardware utilization, cuts your paper costs, and leads to a quick and sure return on your investment.

PRINTER SPECIFICATIONS

CONFIGURATION	Desktop	CPU	RM5231 (400MHz)
TECHNOLOGY	Laser Beam Scanning & Electro-Photographic Printing with Dry, Single-Component MICR Toner	MEMORY	192MB RAM (Std)/384MB RAM (Max)
MAXIMUM RESOLUTION	1200x600 dpi, 600x600 dpi, 300x300 dpi	HARD DISK DRIVE	OPTIONAL: 40GB
DIMENSIONS (WxDxH)	15.3"x17.8"x13.6" (388 x 450 x 345 mm)	OPERATING SYSTEMS	Windows®2000/XP/Server 2003/Vista; Netware®3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; Macintosh®OS™8.6 or Later, OS X 10.1 or Later*; Unix (Using Ricoh UNIX Filter)
WEIGHT	38.6 lb (17.5 kg)	POWER REQUIREMENTS	120V, 60Hz
PRINTING SPEED	Up to 31 ppm	POWER CONSUMPTION	575W or Less Energy Saver: 10W or Less
DUPLEX	Optional	CONNECTIVITY	USB 2.0, 10/100Base-TX, IEEE 1284 Type C OPTIONAL: WiFi IEEE 802.11b, Gigabit Ethernet, USB Host I/F
FIRST PAGE TO PRINT	<6.9 Seconds	PAGE DESCRIPTION LANGUAGES	RPCS, PCL5e, PCL6, PDF Direct, Adobe®PostScript®3™ OPTIONAL: IPDS
STANDARD PRINT UTILITIES	Admin & Client Smart Device Monitor, DeskTop Binder Lite, Web Image Monitor, Agfa Font Manager 2000, Print Utility (Mac) OPTIONAL: Web Smart Device Monitor	NETWORK PROTOCOLS	TCP/IP, IPX/SPX, EtherTalk, IPP, RHPP
STANDARD INPUT CAPACITY	TRAY 1: 500 Sheets BYPASS TRAY: 100 Sheets	RESIDENT FONTS	PCL; TrueType: 10 Fonts; PS3: 136 Fonts; Intelli: 35 Fonts, 1 Bitmap Font; International: 13 Fonts
OPTIONAL INPUT CAPACITY	CONTAINER STACKER: 500 Sheets x up to 2	RESIDENT MICR FONTS	E-13B, CMC7, Secure Amount, Secure Payee
MAXIMUM INPUT CAPACITY	1,600 Sheets	SECURITY FEATURES	SNMPv3 Authentication & Data Encryption (Password Encryption); PDF Direct Print Password Protection; User Codes; User Authentication; Datastream Encryption OPTIONAL: HDD Data Overwrite Security System (DOSS), Locked (Secure) Print (Requires Optional HDD), WiFi Protect Access Support (Requires Optional 80211x WiFi card); Paper Tray Locks
INPUT PAPER SIZES	STANDARD/OPTIONAL TRAYS: All Standard Sizes from 5.5"x8.5"-8.5"x14" BYPASS TRAY: All Standard Sizes from 4.1"x5.8"-8.5"x14"	DUTY CYCLE	100,000 Pages per Month
PAPER MEDIUMS	STANDARD/OPTIONAL TRAYS: Plain Paper, Recycled Paper BYPASS TRAY: Plain Paper, Thick Paper, Transparency, Recycled Paper, Envelopes ENVELOPE FEEDER: Envelopes	MICR TONER CARTRIDGE YIELD	15,000 Pages @ 5% Coverage
PAPER WEIGHTS	STANDARD/OPTIONAL/BYPASS TRAYS: 16-24 lb Bond OPTIONAL DUPLEX TRAY: 20-24 lb Bond	MAINTENANCE KIT LIFE	90,000 Pages
STANDARD OUTPUT CAPACITY	250 Sheets, Face Down	MICR TONER CARTRIDGE IS INCLUDED.	

MICR QUALITY GUARANTEE

Guaranteed ANSI, ABA & Canadian Payments Association Acceptance Standards If Using Rosetta Technologies' Approved Check Stock, Supplies, MICR Fonts & Authorized Service.

SUPPORT: 24x7 Phone Support

WARRANTY: Advance Exchange

WARRANTY UPGRADES: Express Exchange, 5x9 NBD

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8/08