

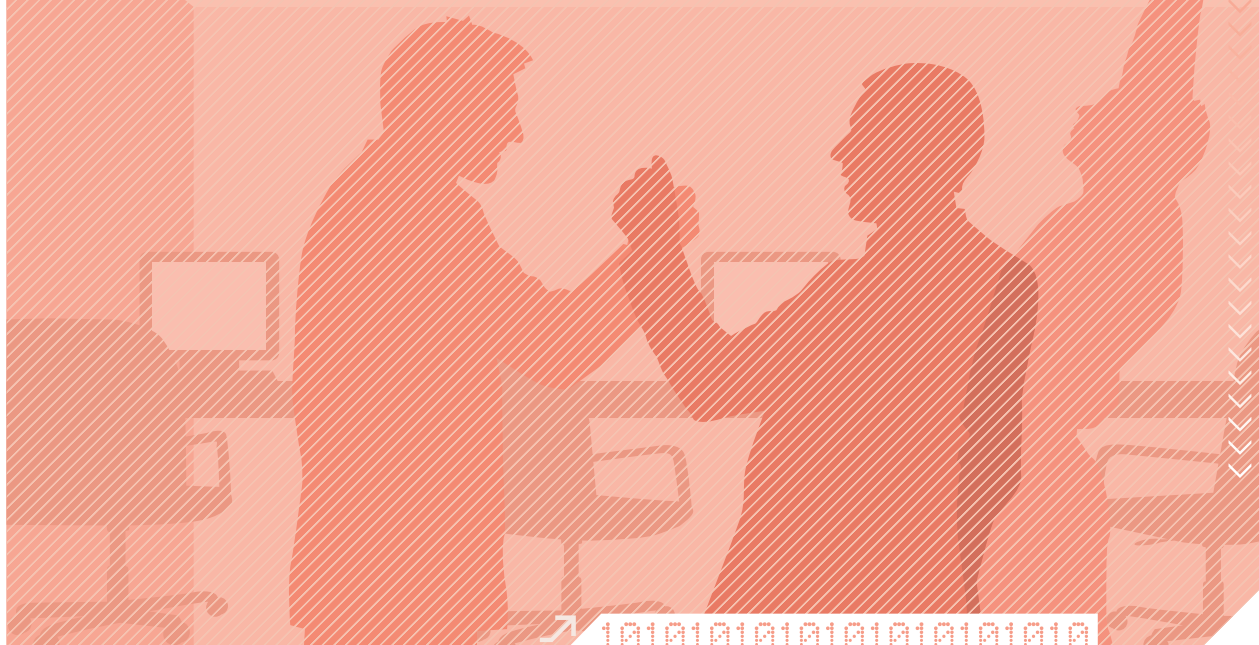
Aficio™ SP 8100DN



LASER PRINTER

 $\frac{1}{2} + \frac{1}{2} = 1$

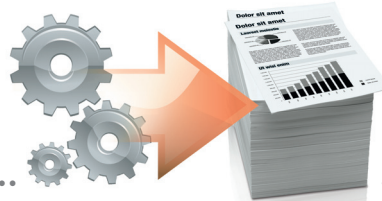
Black and White Power Printing

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Versatile & Efficient Print Workhorse

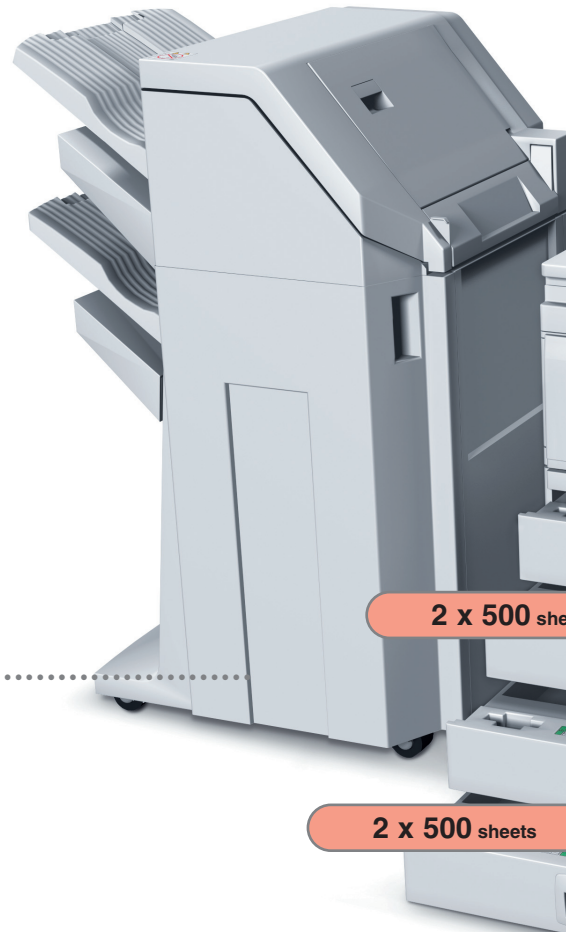
Your printing needs are diverse: on top of your daily workload, you deal with high print volumes, tight deadlines and complex applications. To meet your corporate printing requirements, you need a reliable partner that delivers high performance, hassle free printing. Designed to maximise your print efficiency, the Aficio™SP 8100DN caters for both your business and budget needs. With an attractive cost per print, uncompromised productivity and excellent versatility, this is the ideal device for both large dedicated volumes and your everyday printing jobs. Just the talented associate your fast moving department is looking for!

- Highly productive printing at 45 ppm
- Abundant 3,550-sheet paper capacity
- Superb quality document processing
- Straightforward operation and monitoring
- Unique security capabilities
- Host printing capability
- Peak period duty cycle of up to 250,000 pages per month



Quality Document Creation

Save up on time and costs by producing professional looking output in house. No need to outsource your high volume print runs thanks to the Aficio™SP 8100DN's high output resolution, versatile paper handling and optional 3,000-sheet finisher. You can even easily interpose covers or assign different trays to different pages or sections to output a single document in a variety of media.



The image on these pages is not a real photograph and slight differences in detail might appear.

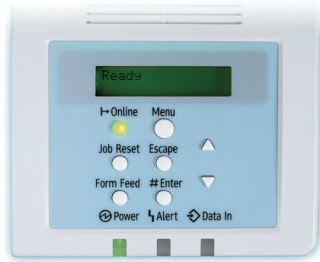


Security Guaranteed

- safeguard confidential information through data encryption
- authentication & controlled access capabilities
- erasing and overwriting of temporary data on HDD
- unauthorised copy prevention with watermark protection
- keep your wireless computer network secure with Wi-Fi Protected Access

Advanced Printing Possibilities

Prevent unauthorised access to your privileged documents by first storing them in memory and releasing them later at the control panel using your password. To eliminate paper waste from prints being left on the printer, the system can hold your files until you print them at a more convenient time. Documents that are stored on the system's HDD can be easily reprinted at any given time. You can also increase total productivity and minimise network traffic by directly printing PDF files without spooling.

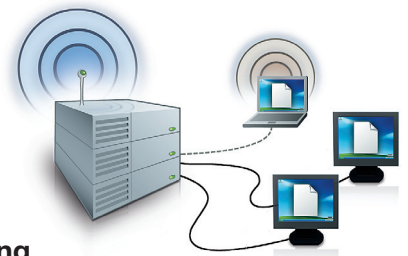


Easy to Operate & Maintain

- no training required: straightforward and intuitive operation panel
- efficient one click printing with icon based interface (RPCS™)
- automatically duplicate your current paper tray settings thanks to Web Image Monitor
- separate print jobs, sets, or even different pages of the same job with the handy shift sort tray

High Performance Printing

- valuable time saving with 22-second warm up and first print speed of 6.0 seconds
- document processing at 45 prints per minute and equally fast creation of duplex output
- uninterrupted printing thanks to 3,550-sheet paper capacity



Superior Networking

The SP 8100DN is standard compatible with most host printing environments. Thanks to its SAP® R/3® and IBM® System i5™ HPT connectivity, barcode and data stream printing are supported. The latest solutions for decentralised host printing environments are at your fingertips. You can also opt for fast print job processing with Gigabit Ethernet or print cable free through Wireless LAN.



Ready for Customisation

The Ricoh Developer Program (RiDPT™) offers you the opportunity to develop and integrate customised software applications to further facilitate your corporate print workflow. For more information, please visit www.ricoh-developer.com.

Ricoh's Green Commitment

In line with all Ricoh's products, the Aficio™SP 8100DN reflects Ricoh's commitment to the environment with the usage of toxic free materials*. Significant energy savings are also obtained thanks to the standard duplex printing, easily recyclable parts, environmentally conscious toner and surprisingly low power consumption.

* In compliance with EU RoHS directive (RoHS: Restriction of Hazardous Substances, effective from July 2006).



Aficio™ SP 8100DN

Specifications



GENERAL

Technology:	Laser beam scanning, electro photographic printing & dual component toner development	
Continuous print speed:	45 prints per minute (A4)	
Warm up time:	Less than 22 seconds	
First print speed:	Less than 6.0 seconds	
Dimensions		
(W x D x H):	670 x 640 x 560 mm	
Weight:	Less than 64 kg	
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Maximum:	Less than 1.45 kW
	Energy saver mode:	Less than 6 W
Duty cycle:	250,000 pages per month	

CONTROLLER

Processor:	RM7035C 466 MHz	
Printer languages/ resolution:	PCL5e, Adobe® PostScript® 3™: 300 x 300 dpi/600 x 600 dpi	
	PCL6, RPCS™: 600 x 600 dpi	
Memory:	Standard:	128 MB
	Maximum:	512 MB
	Hard Disk Drive (optional):	40 GB
Drivers:	PCL5e/PCL6/RPCS™: Windows® 95/98SE/Me/NT4.0/2000/XP/ Server 2003 Adobe® PostScript® 3™: Windows® 95/98SE/Me/NT4.0/2000/XP/ Server 2003 Macintosh OS 8.6 - 9.2.x (OS X Classic) Macintosh OS X v10.1/10.2/10.3 or later (native mode)	
Fonts:	PCL:	35 intelli fonts 10 true type fonts 1 bitmap font 13 fonts (International Font)
	Adobe® PostScript® 3™:	136 Adobe® type 1 fonts
	Option:	OCR Barcode

CONNECTIVITY

Network protocol:	TCP/IP, IPX/SPX, AppleTalk
Supported networks:	Windows® 95/98SE/Me/NT4.0/2000/XP/ Server 2003 Novell® NetWare® 3.12/3.2/4.1/4.11 5.0/5.1/6/6.5 UNIX Sun® Solaris 2.6/7/8/9 HP-UX 10.x/11.x/11i v1/11i SCO OpenServer 5.0.6 RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise IBM® AIX v4.3 & 5L v5.1/5.2 Macintosh OS 8.6 - 9.2.x Macintosh OS X v10.1/10.2/10.3 or later (native mode)

Interface:	Standard:	SAP® R/3® 3.x or later IBM® System i5™ HPT Ethernet 10 base-T/100 base-TX USB 2.0
	Option:	Bi-directional IEEE 1284 Wireless LAN (IEEE 802.11b) Gigabit Ethernet
Additional feature:	PDF Direct Print	



SOFTWARE SOLUTIONS

Standard: DeskTopBinder™ Lite, SmartDeviceMonitor™ for Admin/Client, Web SmartDeviceMonitor™, Web Image Monitor, Printer utility for Mac, Font Manager 2000
Option: Document management utilities & professional software solutions

PAPER HANDLING

Paper input capacity:	Standard:	2 x 500-sheet paper trays 1 x 50-sheet bypass tray
	Maximum:	3,550 sheets
Paper output capacity:	Standard:	500 sheets face down
Paper size:	Paper trays:	A3 - A5
	Bypass tray:	A3 - A6
Paper weight:	Paper trays:	64 - 105 g/m²
	Bypass tray:	52 - 163 g/m²
	Duplex tray:	64 - 105 g/m²
Media:	Plain paper, thick paper, recycled paper, transparencies, laser printer labels	

CONSUMABLES

Toners:	Black:	30,000 sheets¹
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OPTIONS

Internal options:	128/256 MB SDRAM DIMM 40 GB Hard Disk Drive Bi-directional IEEE 1284 Wireless LAN (IEEE 802.11b) Gigabit Ethernet Data Overwrite Security Unit Data Storage Card User Account Enhance Unit
External options:	2 x 500-sheet paper trays 1,500-sheet large capacity tray 3,000-sheet finisher Punch unit (2/3 hole, 2/4 hole, 4 hole) Bridge unit

¹ A4 with 5% coverage.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.



ISO9001: 2000 certified
ISO14001 certified

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