

RICOH

Affordable high performance printing
for workgroups



Aficio™ SP 4100NL

Black and white power printing

Speed, dependability, competitive cost

If you are in need of high quality black and white laser printing, the Aficio™SP 4100NL is your answer. Whatever your printing needs, this workhorse can handle them fast. Every month, it can print up to 100,000 pages at speeds of up to 31 pages per minute. Equipped with a 400 MHz CPU controller, this printer easily handles your demanding workload. The Aficio™SP 4100NL is a productive network printer that offers dependability, superior paper handling and a low cost of ownership. It is ideal for small companies and workgroups at larger companies.

- 31 pages per minute.
- Up to 100,000 pages per month.
- Low Total Cost of Ownership (TCO).



Ease of use

The Aficio™SP 4100NL is extremely easy to use and maintain. Once an option is installed, the printer driver detects it automatically. The remote monitoring function continuously shows the machine status on all user desktops. For easy operation, Ricoh has developed a printer driver with a unique one click printing interface, also known as RPCS™. Customer-specific settings can be saved under dedicated icons and only need to be selected once.

- Easy to use
- Unique one-click printing
- Custom paper settings



Quality and innovation

Every year, Ricoh invests in research & development, keeping us at the forefront of innovation. Few corporations have ever won the esteemed Deming Award for Quality Control. Ricoh is the only office equipment manufacturer that has won twice. We strive for quality in everything we do. This is evident in products like the Aficio™SP 4100NL. Its clean and quiet operation adds to a comfortable work environment while its low power consumption contributes to a safe environment at large.





Minimise your power consumption:
less than 6.5 W in energy saver mode

Value from a trusted name

The Aficio™SP 4100NL has been designed with customer value in mind. This printer offers features you would typically expect from a high end device for only a fraction of the price. With the energy saver mode, it is easy to minimise power consumption to less than 6.5 W. This reduces the Total Cost of Ownership. Moreover, Ricoh printers are built to last. As a leading global manufacturer of office solutions, Ricoh guarantees the excellent quality of its Aficio™ products while offering you the benefits of the most extensive service network in the industry.

- High value features
- Competitive purchase price
- Reduced operation costs



Exceptional media handling

The Aficio™SP 4100NL can print on a wide range of media. The standard and optional trays handle various sizes up to A4 with weights up to 130 g/m². With the bypass tray, you can print on media up to 162 g/m². Thanks to an intelligent paper pass, all printing is fast and dependable. A dedicated envelope mode enables envelope printing. Automatic double-sided printing is available as an option.

- Wide range of media types
- Intelligent paper pass
- Dedicated envelope mode



Aficio™ SP 4100NL

Specifications

GENERAL

Technology:	Laser beam scanning, electro photographic printing & dual component toner development
Continuous print speed:	31 prints per minute
Recovery time:	Less than 12 seconds
First print speed:	Less than 6.9 seconds
Dimensions (WxDxH):	388 x 450 x 345 mm
Weight:	15.5 kg
Power source:	220 - 240 V, 50/60 Hz
Power consumption:	Maximum: 970 W (main unit) 990 W (full option) Energy-saver mode: Less than 6.5 W (main unit) Less than 12.5 W (full option)
Duty cycle:	100,000 pages per month

CONTROLLER

Processor:	RM5231 400 Mhz
Printer language/ resolution:	PCL5e: 600 x 600 dpi PCL6: 1,200 x 600 dpi RPCS™, Adobe® PostScript® 3™: 1,200 x 600 dpi
Memory:	Standard: 192 MB Maximum: 384 MB
Drivers:	PCL5e, PCL6, RPCS™: Windows® 2000/XP/Server 2003 Adobe® PostScript® 3™: Windows® 2000/XP/Server 2003 Macintosh 8.6 or later (OS X Classic) Macintosh X v10.1 or later (native mode)
Fonts:	PCL: 35 intelli fonts, 10 true type fonts, 1 bitmap font (31 fonts can be downloaded) Adobe® PostScript® 3™: 136 Adobe® type 1 fonts Option: OCR Barcode

CONNECTIVITY

Network protocol:	TCP/IP, IPX/SPX, SMB, AppleTalk
Supported networks:	Windows® 2000/XP/Vista/Server 2003 Novell® NetWare® 3.12/3.2/4.1/4.11/5.0/5.1/6/6.5 UNIX Sun® Solaris 2.6/7/8/9/10 HP-UX 10.x/11.x/11i v2 SCO OpenServer 5.0.7/6.0 RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise IBM® AIX v4.3/5L v5.1/5L v5.2/5L v5.3 Macintosh 8.6 - 9.2.x (OS X Classic) Macintosh X v10.1 or later (native mode) IBM® System i5™ HPT SAP® R/3® 3.x or later NDPS Gateway AS/400® using OS/400 Host Print Transform

Interface:	Standard: Ethernet 10 base-T/100 base-TX USB 2.0 Option: Wireless LAN (IEEE 802.11b) USB Host I/F Gigabit Ethernet
Additional feature:	PDF Direct Print

SOFTWARE SOLUTIONS

Standard:	DeskTopBinder™ Lite, SmartDeviceMonitor™ for Admin/Client, Web Image Monitor, Printer utility for Mac, Font Manager 2000
Option:	Document management utilities & professional software solutions, @Remote Service, IPDS/SCS printing, Web SmartDeviceMonitor™ 2

PAPER HANDLING

Paper input capacity:	Standard: 500-sheet paper tray 100-sheet bypass tray Maximum: 1,600 sheets
Paper output capacity:	250 sheets face down
Paper size:	Paper trays: A4 - A5 Bypass tray: A4 - A6
Paper weight:	Paper trays: 60 - 130 g/m ² Bypass tray: 60 - 162 g/m ² Duplex tray: 64 - 105 g/m ²
Media:	Plain paper, thick paper, recycled paper, transparencies, envelopes

CONSUMABLES

All-in-one cartridge:	Black: 7,500 sheets ¹
The Aficio™ SP 4100NL ships with a 3,000 sheets ¹ starter kit.	

OPTIONS

Internal options:	40 GB Hard Disk Drive 128/256 MB SDRAM DIMM Wireless LAN (IEEE 802.11b) Gigabit Ethernet Data Overwrite Security Unit VM Card Data Storage Card
External options:	1 x 500-sheet paper tray2 Envelope feeder (60 envelopes) Duplex unit

¹ Declared yield value in accordance with ISO/IEC 19752.
² Maximum 2 paper trays can be attached to the main unit.

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



Adobe PostScript® 3



Embedded Software Architecture



Our earth
Our tomorrow

ISO9001: 2000 certified
ISO14001 certified

Ricoh has determined that these products meet the ENERGY STAR guidelines for energy efficiency.

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Specifications and external appearance are subject to change without notice. The colour of the actual product may vary from the colour shown in the brochure.

RICOH

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