Affordable high performance printing for workgroups
**Black and white power printing**

**Speed, dependability, competitive cost**
If you are in need of high quality black & white laser printing, the Aficio™SP 4100nL is your answer. Whatever your printing needs, this workhorse can handle them fast, up to 31ppm. 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 and superior paper handling. It’s ideal for small companies as well as workgroups within larger companies.

**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 simple 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 this prestigious award twice. We strive for quality in everything we do. This is evident in products like the Aficio™SP 4100nL. Its clean and quiet operation provides a more comfortable workplace while its low power consumption contributes to a more sustainable environment.
**Value from a trusted name**
The Aficio™ SP 4100n has been designed with customer value in mind. This printer offers features you would typically expect from a high end device but for only a fraction of the price. With the energy saver mode, easily minimise power consumption to less than 6.5 W and reduce 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.

**Committed to the Environment**
Like all Ricoh products, the Aficio™ SP 4100n reflects Ricoh’s commitment to the environment through its low power consumption and recyclable parts:
- less than 6.5W power consumption in energy saver mode
- easily recyclable parts & long unit life

We are using our expertise in innovation to deliver products that exceed in both performance and environmental sustainability.

- By using Ricoh’s Toner Cartridge Takeback Program you can ensure your toner cartridges are fully recycled with zero-waste-to-landfill
- Our free Toner Cartridge Programs has over 7,900 collection boxes in use across Australia and has diverted 436 tonnes of consumables from landfill
- We are developing a plant based plastic for our toners. Replacing the world’s inventory with plant-based resin would reduce carbon dioxide emissions by approximately 120,000 tons per year

**Exceptional media handling**
The Aficio™ SP 4100n 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 mode enables envelope printing. Automatic double-sided printing is available as an option.

- Wide range of media types.
- Intelligent paper path.
- Dedicated envelope mode.

- High value features.
- Competitive purchase price.
- Reduced operation costs.
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 (W x D x H): 388 x 450 x 345 mm
Weight: 15.5 kg (excluding toner)
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: RS231 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/Vista
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
Adobe® PostScript® 3™: 136 Adobe® type 1 fonts

Connectivity

Network protocol: TCP/IP, IPX/SPX, SMB, AppleTalk
Supported environments:
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/x86/9.x/x9/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)

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
Bi-directional IEEE 1284
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,
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/m²
Bypass tray: 60 - 162 g/m²
Duplex tray: 64 - 105 g/m²
Media:
Plain paper, thick paper, recycled paper,
transparencies, envelopes

Consumables

All-in-one cartridge (Black): 7,500 sheets

The Aficio™SP 4100NL ships with a 3,000 sheet 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
1 x 500-sheet paper tray
Envelope feeder (60 envelopes)

External options: 1 x 500-sheet paper tray
2
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.

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Specifications and external appearance are subject to change without notice.

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