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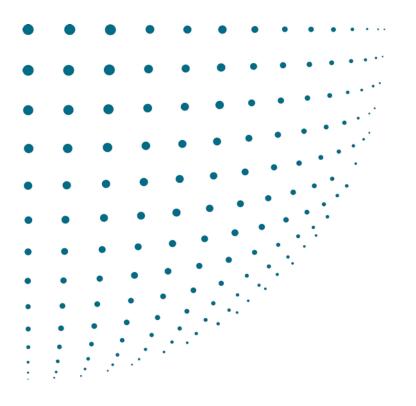
High productivity at an affordable price

Reliable, functional and secure A4 printer

Speeding along at 36 pages per minute, the Aficio™SP 4310N significantly enhances your office productivity. With its low Total Cost of Ownership, this desktop device is the affordable printer that small offices and workgroups will quickly find indispensable. It comes packed with value-added functions such as IPDS Enabler and true Adobe® PostScript® printing. Advanced security features include HDD Overwrite & Encryption as well as Enhanced Locked Print. Its 4-line LCD display makes it easy to use, while low power consumption and duplex printing contribute to a low ecological footprint.

- Fast and productive: 36 pages per minute.
- Extremely cost-effective: Low Total Cost of Ownership.
- Highly functional: IPDS Enabler and true Adobe® PostScript®.
- In-built security: HDD protection & Enhanced Locked Print.
- Minimal environmental impact: ECO Night Sensor.

Drive down costs and environmental impact

HIGHLY PRODUCTIVE

With a continuous print speed of 36 ppm, the Aficio™SP 4310N manages all print jobs with efficiency and speed. Its warm-up time is remarkably low at 19 seconds; the first print is out in 6.9 seconds. The SP 4310N handles a variety of paper types to fulfil your printing needs. This printer can accept stock of up to 130 g/m², while the bypass tray can handle paper of up to 162 g/m² and transparencies. A unique envelope mode guarantees that envelopes are printed swiftly and without wrinkles.

LOW TOTAL COST OF OWNERSHIP

The SP 4310N boasts a low Total Cost of Ownership due to an attractive purchase price, long life of consumables, and minimal energy consumption. Its Typical Electricity Consumption (TEC) is reduced by the innovative ECO Night Sensor. This automatically switches off the device's main power when the light levels in the room dip below a certain level. You can set the sensor to activate between 5 and 120 minutes after darkness falls. The ECO Night Sensor detects both the decline of natural and artificial light.

PRINT VISUALLY-RICH DOCUMENTS

The SP 4310N's built-in IPDS Enabler allows you to print transactional documents such as bank statements and invoices, avoiding the need to buy a dedicated IPDS printer. A further value-added feature is that it produces true Adobe® PostScript® 3. This is vital in applications where you need to see precisely the font and layout you specified.

SECURITY-CONSCIOUS

Security in shared offices is vital. Features such as HDD Overwrite & Encryption (standard with optional HDD) make sure the data on the HDD is fully protected. With Enhanced Locked Print, users can store, release and manage confidential documents with the security of user ID and password authorisation. These solutions help protect your organisation's confidential and proprietary data.

EASY TO USE AND MAINTAIN

Operation of the device could not be easier, thanks to a 10-digit keypad and an intuitive 4-line LCD operation panel which clearly displays all functions. Maintenance is facilitated by e-mails that alert you when action is required. The device's user-friendliness is rounded off by standard USB 2.0 connectivity, full front access, simple driver installation and an easily replaceable all-in-one toner.

ENVIRONMENTALLY FRIENDLY

At Ricoh we help you lower the environmental impact of your office as well as your Total Cost of Ownership. The Aficio™SP 4310N has eco-friendly and money-saving features such as ECO Night Sensor, low power consumption, fast duplex printing, short warm-up time and increased toner yield. In energy saver mode the device consumes as little as 3.9 W. The SP 4310N therefore saves you paper, time and energy while reducing waste and costs. In addition, Ricoh products are Energy Star compliant. This means less CO_2 is produced in providing the energy needed to run Ricoh devices.

Aficio™ SP 4310ₙ

GENERAL

Technology:	Laser beam scanning, electro-photographic printing & dual-component toner development
Continuous print speed:	36 prints per minute (SEF A4)
Warm-up time:	Less than 19 seconds
First print speed:	Less than 6.9 seconds
Dimensions (W x D x H):	388 x 450 x 345 mm
Weight:	Less than 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 3.9 W (main unit)
Duty cycle:	150,000 pages per month

CONTROLLER

Processor:	466 MHz
Printer language:	Standard: PCL5e: 600 x 600 dpi PostScript® 3™/PDF: 1,200 x 600 dpi PCL6: 1,200 x 600 dpi Option: IPDS: 600 x 600 dpi
Memory:	Standard: 256 MB Maximum: 512 MB
Fonts:	PCL: 45 Roman fonts, 13 International fonts, 10 true type fonts, 1 bitmap font (31 fonts can be downloaded) PostScript® 3™: 136 fonts Option: OCR, Barcode, IPDS

CONNECTIVITY

Network protocol:	TCP/IP, Ipsec, AppleTalk, IPP
Supported environments:	Novell® NetWare® v6.5 or later, HP-UX 10.x/11.x/11i v1/11i, RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise, Macintosh 8.6 - 9.2.X (OS X Classic), IBM® System i5™ HPT, NDPS Gateway, Windows® 2000/XP/Vista/7/Server 2003/Server 2008, UNIX Sun® Solaris 2.6/7/8/9/10, SCO OpenServer 5.0.6/5.0.7, IBM® AIX v4.3/5L v5.1/5L v5.2/5.3, Macintosh X v10.1 or later (native mode), SAP® R/3®, AS/400® using OS/400 Host Print Transform
Interface:	Standard: Ethernet 10 base-T/100 base-TX, USB 2.0, USB Host I/F Option: Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/g), 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:	DeskTopBinder™ Professional, 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:	Standard: 250 sheets face down
Paper size:	A4 - A6
Paper weight:	Paper trays: 60 - 130 g/m² Bypass tray: 60 - 162 g/m² Duplex tray: 60 - 105 g/m²
Media:	Paper trays: Plain paper, thick paper, letterhead, labels, pre-printed paper Bypass tray: Plain paper, thick paper, letterhead, labels, pre-printed paper, transparencies, envelopes

CONSUMABLES

All-in-one cartridge:	Black: 15,000 sheets[1]

The Aficio™SP 4310N ships with a 6,000-sheet starter kit.

OTHER OPTIONS

Internal options:	128/256 MB SDRAM DIMM, Wireless LAN (IEEE 802.11a/g), VM Card, Netware, 80 GB Hard Disk Drive (with Data Overwrite Security Unit & HDD Encryption Unit), Bi-directional IEEE 1284, Gigabit Ethernet, Data Storage Card, IPDS unit type 4210 (IBM Host printing PDL)
External options:	2 x 500-sheet paper trays, Duplex unit, Envelope feeder (60 envelopes)

[1] Declared yield value in accordance with ISO/IEC 19752.

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

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For more information, please contact