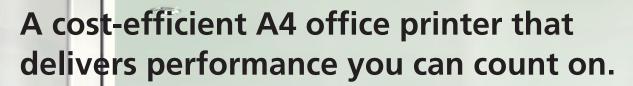
**Black & White Printer** 



# RICOH SP 4510DN





With its low Total Cost of Ownership, RICOH SP 4510DN A4 black-and-white printer meets the tightest operating budgets without compromising on performance. It prints up to 40 pages per minute at a resolution of 1,200 x 1,200 dpi, while an accurate and consistent image quality is ensured. Easy to use and maintain, it handles paper between 52 and 162g/m². To top it off, productivity-enhancing features include standard double-sided printing and Smart Device Print.

- Low Total Cost of Ownership
- Maximum savings: low power consumption
- Space-saving: highly compact
- High productivity: fast printing at 40 pages per minute
- Cost & time savings via standard double-sided printing



## Meet your print needs and keep costs to a minimum

#### **Cost efficient**

With its perfect combination of an affordable purchase price and a low Cost Per Print, RICOH SP 4510DN is ideal for budget-conscious small- and medium-sized offices. Running costs are also low, making this printer the best purchase for these types of environments.

#### **Ultra** compact

An LED print head takes up much less space than the equivalent laser head. As such the SP 4510DN has a small footprint: you can install this device virtually anywhere as it takes up minimal office space.



### Print anywhere, anytime

Now you can easily print documents from your iOS or Android device directly on the SP 4510DN. Smart Device Print also enables you to print PDF documents, print texts saved on the clipboard, and print JPG or PDF files in other applications.



#### Ricoh's total office solutions

Whatever equipment you need for your digital office – a printer, copier, fax, multifunctional device or software – you can find the appropriate solution from Ricoh's extensive line-up. Our solutions are tailored to company-specific needs, issues and challenges. Whether you are looking for cost reduction, productivity improvement, enhancing information security or environmental impact reduction we can help you to find the answer. After implementation, we offer comprehensive aftersales support.

#### **RICOH SP 4510DN**

MAIN SPECIFICATIONS

GENERAL

Approx. 19 seconds Warm-up time: First output speed: Approx. 5 seconds 40 pages per minute Print speed: Memory: Standard: 512 MB Maximum: 1.024 MB

HDD: 320 GB (Option) RM7035C 533 MHz Processor:

APV: 3,000 pages, Max. 10,000 pages Duty cycle: 150,000 prints per month

Duplex: Yes

Dimensions (W x D x H): 370 x 392 x 306 mm

Weight: 14 kg

220 - 240 V, 50/60 Hz Power source:

PRINTER

Standard: PCL5e, PCL6, Adobe® PostScript® 3™, PDF Printer language:

direct print

Option: XPS, IPDS Print resolution: 600 x 600 dpi, 1,200 x 1,200 dpi

Fonts: PCL (45 fonts, International fonts: 13 Intellifonts),

PS3 (136 fonts)

Interface: Standard: USB 2.0, USB Host I/F, Gigabit Ethernet

Option: Bi-directional IEEE 1284, Wireless LAN (IEEE

802.11a/b/g/n)

TCP/IP, IPX/SPX (Option) Network protocol:

Windows® XP/Vista/7/8/8.1/Server 2003/Server 2008/ Windows® environments:

Server 2012

Mac OS environments:

Macintosh OS X v10.5 or later

Novell® Netware®

environments: v6.5 (Option)

PAPER HANDLING

Standard Trav: Recommended paper size:

A4, B5, A5, B6, A6, Legal, Letter, HLT, Executive, F,

Foolscap, Folio, 16K,

Custom size: Min. 3.93" x 5.82", Max. 8.46" x 14.0" Custom size: Min. 100mm x 148mm, Max. 216mm x

356mm Bypass Tray:

A4, B5, A5, B6, A6, Legal, Letter, HLT, Executive, F,

Foolscap, Folio, 16K,

Custom size: Min. 2.36" x 8.50", Max. 5.00" x 35.43"/ Custom size: Min. 60mm x 216mm, Max. 127mm x

900mm Option:

A4, B5, A5, B6, A6, Legal, Letter, HLT, Executive, F,

Foolscap, Folio, 16K,

Custom size: Min. 3.93" x 5.82", Max. 8.46" x 14.0" Custom size: Min. 100mm x 148mm, Max. 216mm x

356mm

Std Trav: 500 sheets Paper input capacity:

Bypass: 100 sheets

Option: 500 sheets (Max 2 trays)

Maximum: 1600 sheets

Paper output capacity: Maximum: 250 sheets

52 - 162 a/m<sup>2</sup> Paper weight:

Media capability: Std. Tray/Opt. tray:

Recycled Paper, Color Paper, Letterhead, Preprinted Paper, Plain1, Plain2, Special1,

Special2, Thick1, Thick2, Thin

Bypass tray:

Thick Paper, Middle Thick Paper, OHP (Transparency), Recycled Paper, Color Paper, Letterhead, Preprinted Paper, Plain1, Plain2, Special1, Special2, Thick1, Thick2, Thin, Labels,

Envelope

SECURITY

LDAP authentication, User code authentication, Authentication:

802.1.x wired authentication

**ECOLOGY** 

Power consumption: Maximum: 1,110 W

Energy Saver mode: 1.0 W

**OPTIONS** 

1 x 250-sheet paper tray, 1 x 500-sheet paper tray, Hard Disk Drive (320 GB), RAM (1 GB), Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g/n), Bluetooth, VM

Card, Netware, IPDS unit, XPS direct print

CONSUMABLES

Approx. 6,000 prints Starter toner: Toner cartridge (low yield): Approx. 3,000 prints Toner cartridge (standard yield): Approx. 6.000 prints Toner cartridge (high yield): Approx. 12,000 prints PCDU yield: Approx. 20,000 prints Maintenance kit: Approx. 120,000 prints

Consumable yield measuring method ISO/IEC 19752

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

