Desktop B&W Printer

RICOH SP 4510DN

✔ Printer  □ Copier  □ Facsimile  □ Scanner
Fast, affordable printing that’s as smart as you are

As new projects and challenges emerge, you differentiate yourself by stepping up, staying on task and meeting the tightest deadlines. But sometimes, even the hardest-working employee needs a little help. RICOH® understands. After all, we’ve built a legacy of helping hard-working people move information and ideas effortlessly — with innovations like the Ricoh SP 4510DN. Print a wide range of high-quality black-and-white documents at high speeds and move on to the next project quickly. You’ll be saving more than time. You can fit the compact, feature-rich printer into virtually any workflow, workgroup — and budget.

Meet challenging print demands

Ready to get started? Recovery from sleep mode is only 10 seconds, so you can print up to 42 pages per minute at 1,200 dpi resolution and complete large jobs quickly. The SP 4510DN is equipped with a powerful 533 MHz Controller and 512MB RAM standard to support busy offices. Add more RAM as your workgroup grows, so your team can handle multiple jobs and process large files without costly delays. Want to print specialized jobs on a more affordable device? Add genuine IPDS for host-print support in mission-critical applications.

Manage more print jobs with ease

Spend more time on your next big idea, and less time figuring out how to print it. Navigate key functions and check system status at a glance using the four-line LCD panel on the Ricoh SP 4510DN. Add up to two 500-sheet paper feed units to increase paper capacity to a maximum of 1,600 sheets and print continuously for extended runs without reloading. Print on media up to 8.5” x 14” and 43 lb. Bond/90 lb. Index from all paper trays and produce a wider range of jobs economically in-house.

Print conveniently in more places

Smartphones and tablets continue to expand their presence in the workplace. Why? Because they help you perform more tasks while on the move. Now you can print from them, too. Print images, documents, photographs and more directly from your Apple® iPhone®, iPad or Android mobile device using the Ricoh Smart Device Print&Scan app when connected to an office network — without installing print drivers. It’s similar to printing from your desktop computer, with the added convenience of mobility to share information in more ways.
Produce more work, protect what’s most important

Secure documents and people
The Ricoh SP 4510DN helps protect critical information with advanced controller capabilities. Add the optional 320 GB Hard Disk Drive to simplify the way you secure, store and archive documents. With Locked Print, documents stored at the printer are released when you enter the correct PIN at the control panel or swipe an ID card on the optional ID card reader. DataOverwriteSecurity System (DOSS) overwrites information on the hard drive for even more protection. Plus, you’ll have built-in controller features including 128-bit data encryption, IP Address Filtering and more to help prevent information theft, interception and falsification.

Be responsible inside and outside the office
You take pride in your work. Take pride in how you do it, too. The Ricoh SP 4510DN comes standard with automatic double-sided printing so you can reduce paper usage and costs. Worried about the printer being left on overnight? Set it to power on/off at designated times and save energy. Or, rely on the ECO-Night Sensor to shut the printer down automatically when the lights are turned off. Plus, the device meets EPEAT® Silver* criteria — a global environmental rating system for electronic products — and is certified with the latest ENERGY STAR™ specifications. In addition, with Ricoh’s toner cartridge/container recycling program, you can return all empty Ricoh branded toner containers and cartridges to our recycling vendor.

Monitor your performance
It’s easy to say you’re saving money and increasing efficiency. It’s another thing to prove it. Use Ricoh’s Web Image Monitor to check system status, change settings, manage job queues and expedite maintenance right from the desktop. You can even assign up to 1,000 user codes to track volumes and trends by individual users, and leverage the information to improve print behavior. Need to manage multiple devices? Then install Ricoh’s free management utility Device Manager NX Lite to manage up to 250 devices. Simplify installation, configuration and monitoring of multiple networked devices.

Reduce maintenance costs
As with many tasks, sometimes it’s easier to do it yourself. With high-yield consumables, you won’t have to perform maintenance on the Ricoh SP 4510DN very often. But when the LCD panel indicates it’s time to replace the toner cartridge or photoconductor unit, you’ll be able to change it in moments without training or mess to reduce costly delays.

*EPEAT Silver rating is applicable only in the USA.
Ricoh SP 4510DN
SYSTEM SPECIFICATIONS

Engine Specifications

SP 4510DN
Part # 407311
Configuration
Desktop
Technology
LED
Color/Black
Black & White
Printing Process
Electrophotographic printing
Toner Type
Dry, single component
B&W Print Speed (Letter)
561.7 W
Maximum Monthly
10,000 prints
Volume
150,000 prints
Duty Cycle
First Page Out Time
5 seconds
Warm-Up Time
17 seconds
Print Resolution
Up to 1200 x 1200 dpi
Standard Paper Capacity
1 x 500-Sheet Tray + 100-Sheet Bypass Tray
Maximum Paper Capacity
1,600 sheets
Standard Output
250 sheets
Capacity
Supported Paper Sizes
- Paper Tray: 3.94" x 5.82" – 8.5" x 14" (100 x 148 – 216 x 356 mm)
- Bypass Tray: 2.37" x 5.0" – 8.5" x 14" (60 x 127 – 216 x 356 mm)
Supported Paper Weights
- Duplex: 14 – 43 lb. Bond/90 lb. Index (52 – 162 g/m²)
- 2-sided: 14 – 52 lb. Bond/90 lb. Index (52 – 162 g/m²)
Duplexing
Automatic (standard)
Power Consumption (Operating)
561.7 W
Power Consumption (Sleep Mode)
Less than 1 W
Typical Electricity
1.752 kWh/month
Controller Options
Hard Disk Drive Option
- Hard disk drive and optional memory required.
- *IFDS option required.
Memory Unit Type N
- Memory Unit Type N 1.0 GB
  Part # 407150MU
IEEE 802.11 Interface
- IEEE 802.11b/g/n Interface
  Part # 411699
Unit Type O
- Unit Type O
  Part # 4070113
IEEE 1284 Interface
- IEEE 1284 Interface
  Part # 411699
Board Type P1
- Board Type P1
  Part # 407349
IPDS Unit Print Option
- IPDS Unit Print Option
  Type P1
  Part # 407351
Security Features
Administrator and User Authentication
- Administrator and User Authentication
  Part # MX407348RA
Current Software Version
- Current Software Version
  Part # 407218

Hardware Options
Paper Feed Options
Part # 407230
Paper Feed Unit PB1060
Paper Capacity
250 sheets
Supported Paper Sizes
3.94" x 5.82" – 8.5" x 14" (100 x 148 – 216 x 356 mm)
Supported Paper Weights
14 – 43 lb. Bond/90 lb. Index (52 – 162 g/m²)
Dimensions (WxDxH)
14.6" x 15.4" x 9.1" (370 x 392 x 230 mm)
Weight
9.92 lb. (4.5 kg)

Consumables & Yields
Print Cartridge
Part # 407316
SP 4500DA
Yield
12,000 pages*
Part # 407319
SP 4500DA
Yield
6,000 pages*
Part # 407321
Print Cartridge
Part # 407324
SP 4500LA
Yield
3,000 pages*

Warranty
The Ricoh SP 4510DN is under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

*Declared yield values in accordance with ISO/IEC 19752. Actual yields may vary based on images printed and other factors.

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