

SAVIN®

SP 4510DN

Desktop B&W Printer

- Printer
- Copier
- Facsimile
- Scanner



SP 4510DN

42
ppm monochrome

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. SAVIN® understands. After all, we've built a legacy of helping hard-working people move information and ideas effortlessly — with innovations like the Savin 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 Savin 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 Savin 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 Savin 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.



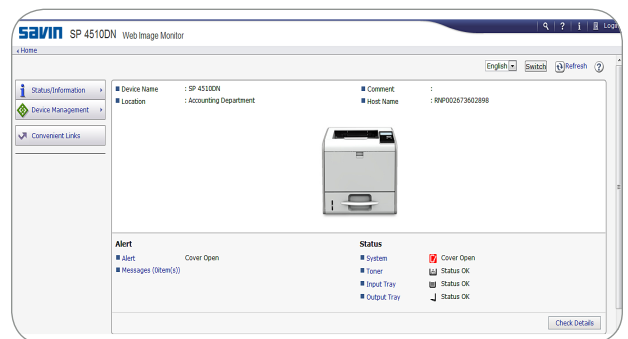
Be responsible inside and outside the office

You take pride in your work. Take pride in how you do it, too. The Savin 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 Savin's toner cartridge/container recycling program, you can return all empty Savin 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 Savin'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 Savin'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 Savin 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.

Savin SP 4510DN

SYSTEM SPECIFICATIONS

Engine Specifications

| | |
|---------------------------------------|---|
| Configuration | Desktop |
| Technology | LED |
| Color/B&W | Black & White |
| Printing Process | Electro-photographic printing |
| Toner Type | Dry, single component |
| B&W Print Speed (Letter) | 42 ppm |
| Maximum Monthly Volume | 10,000 prints |
| Maximum Monthly Duty Cycle | 150,000 prints |
| 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 Capacity | 250 sheets |
| 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 35.43" (60 x 127 – 216 x 900 mm) |
| Supported Paper Weights | All Trays: 14 – 43 lb. Bond/90 lb. Index (52 – 162 g/m ²) Duplex: 14 – 43 lb. Bond/90 lb. Index (52 – 162 g/m ²) |
| Supported Paper Types | Plain, Recycled, Thick, OHP (Transparency), Letterhead, Preprinted and Envelopes |
| Duplexing | Automatic (standard) |
| Power Consumption (Operating) | 561.7 W |
| Power Consumption (Sleep Mode) | Less than 1 W |
| Typical Electricity Consumption (TEC) | 1.752 kWh/week |
| Recovery from Sleep Mode | 9.9 seconds |
| Power Requirements | 120 V, 60Hz, 10A |
| Dimensions (WxDxH) | 14.6" x 15.4" x 12.0" (370 x 392 x 306 mm) |
| Weight | 34.2 lbs. (15.5 kg) |
| ENERGY STAR | Certified |
| EPEAT | Silver |

Controller Specifications

| | |
|---------------------------|--|
| Processor Speed | 533 MHz |
| Memory (Standard/Maximum) | 512 MB/1 GB RAM |
| Hard Disk Drive | 320 GB (optional) |
| Maximum Stored Documents | 950 files (HDD required) |
| Maximum Stored Pages | 9,000 pages (HDD required) |
| Connection Type | Standard: Gigabit Ethernet (1000/100/10BASE-T), USB 2.0, USB 2.0 Host Optional: IEEE1284, IEEE802.11a/b/g/n |

| | |
|---|---|
| Printer Languages | Standard: PCL6/5e, Adobe® PostScript®3, PDF Direct Optional: IPDS*, XPS |
| Font Support | PCL6: 45 fonts, PCL5: 45 fonts + International fonts 13 fonts, PostScript3: 136 fonts, IPDS: 108 fonts (optional) TCP/IP (IPv4, IPv6) |
| Network Protocols Supported Operating Systems | Windows XP/Vista /7/8.1/Server2003/2008/2008R2/2012/2012R2, MacOS (X10.5 or later) PS only; UNIX filters for Sun Solaris, HP-UX, Red Hat Linux, SCO OpenServer, IBM AIX; SAP R/3; Citrix Presentation Server 4.5/Citrix XenApp 5.0, 6.0, 6.5; IBM iSeries/AS/400*** |
| Device Management Utilities | @Remote, SmartDeviceMonitor, Device Manager NX, Web SmartDeviceMonitor, Web Image Monitor |

*Hard disk drive and optional memory required.
**IPDS option required.

Print Features

Scheduled Print*, Auto Continue, Classification Code, PDF Direct Print, Sample/Hold/Stored and Locked Print*, Unauthorized Copy Prevention, Poster Print, Collate, Toner Saving Mode
*Hard disk drive required.

Controller Options

Hard Disk Drive Option Type P1
Memory Unit Type N 1.0 GB
IEEE 802.11 Interface Unit Type O
IEEE 1284 Interface Board Type A
IPDS Unit Type P1
VM Card Type W
XPS Direct Print Option Type P1

Security Features

Administrator and User Authentication*, User Lockout, Auto Logout, Menu Protect, Data Encryption (Address Book/User Authentication Information/Job Logs/Temporary Stored Document/Network Interface Settings/System Settings), Network Security via TCP/IP Access Control, Encrypted communications using SSL/TLS, IPsec, or IEEE 802.1X; SMNPv3, IPP Authentication, Kerberos Authentication Encryption, Wireless LAN Security (WEP, WPA2/ WPA2-PSK), Protect document data with Locked* and Stored Print*, Unauthorized Copy Prevention, Compulsory Security Stamp, HDD Data Overwrite* and Encryption*
*Hard disk drive required.

Hardware Options

| | |
|-------------------------|--|
| 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/m ²) |
| Dimensions (WxDxH) | 14.6" x 15.4" x 3.7" (370 x 392 x 95 mm) |
| Weight | 9.04 lb. (4.1 kg) |
| Paper Feed Unit PB1070 | |
| Paper Capacity | 500 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/m ²) |
| Dimensions (WxDxH) | 14.6" x 15.4" x 4.9" (370 x 392 x 125 mm) |
| Weight | 9.92 lb. (4.5 kg) |

Adjustable Height Cabinet Type G

Supports all SP 4510DN configurations
Dimensions (WxDxH) 17.8" x 19.4" x 21.7" (453 x 491.5 x 552 mm)
Weight 42 lbs.

Consumables & Yields

| | Yield |
|------------------------------|---------------|
| Print Cartridge SP 4500HA | 12,000 pages* |
| Print Cartridge SP 4500A | 6,000 pages* |
| Print Cartridge SP 4500LA | 3,000 pages* |
| Photo Conductor Unit SP 4500 | 20,000 pages |
| Maintenance Kit SP 4500 | 120,000 pages |

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

The Savin SP 4510DN ships with starter toner that yields 6,000 pages (ISO/IEC 19752).

For maximum performance and yield we recommend using genuine Savin parts and supplies.

Specifications subject to change without notice.

Warranty

The Savin 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.

www.savin.com

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