**Fast, high-quality printing that fits your style and budget**

You’re ready to work at a moment’s notice. You work quickly. And, your efforts make the workday easier for your coworkers. Shouldn’t you expect the same from your printer? Choose the RICOH® SP 4520DN — the latest in our long line of innovative devices proven to simplify the way you work by moving information quickly and economically. Integrate it into your small workgroup or office and print high-quality black-and-white documents at high speeds without compromising security. Or, add the compact, feature-rich printer as part of a Ricoh Managed Document Services (MDS) strategy and see just how much time and money it can save for your organization.

**Complete more jobs quickly**

You worked hard on your latest big idea. There’s no reason you should have to wait to see it. Recovery from sleep mode is only 10 seconds, and first-print times are less than seven seconds, so you can print up to 42 pages per minute at 1,200 dpi resolution in moments. Add additional paper feed units without expanding your footprint and increase paper capacity to 1,600 sheets for longer, uninterrupted runs. Take advantage of a robust controller and powerful processor to manage more jobs from multiple users simultaneously. In the back office, the Ricoh SP 4520DN ably handles host printing applications like UNIX, SAP R/3 and IPDS.

**Add a personal touch to your workflow**

Printing shouldn’t be complicated. Customize your home screen and add shortcuts to frequently used tasks with the intuitive, tiltable 4.3" colour touch panel on the Ricoh SP 4520DN. You can also use it to check system status at a glance or to navigate between key functions and projects. Add the optional Web browser to the printer to access Web pages directly from the operation panel. Then, print them directly from the device for faster turnarounds.

**Print from your mobile device**

Smartphones and tablets have quickly become a big part of our everyday lives — at home and at work. More workers are performing office tasks directly from their phones and tablets for incredible convenience in the workplace. Wouldn’t it be nice to print from them, too? Use the Ricoh Smart Device Print&Scan app and print directly from your Apple® iPhone®, iPad or Android device when connected to an office network — without installing print drivers. You can also transport files on a USB/SD card and print it from the Ricoh SP 4520DN.
Discover the value of reliable, affordable black-and-white printing

Minimize risks
Control what gets printed — and who prints it. Incorporate user authentication directly at the Ricoh SP 4520DN, so sent documents are released from the optional Hard Disk Drive only after the user enters a password at the touch panel. Or, add the optional card reader and use ID cards to release print jobs. Thwart other nefarious threats with IP Address filtering, 128-bit encryption, HDD Data Encryption and DataOverwriteSecurity System (DOSS) to encrypt or overwrite data on the Hard Disk Drive. Assign up to 1,000 user codes to track users and types of print jobs. You can even set quotas for specific users, groups or types of jobs to encourage more economical printing.

Monitor operations
Efficiency means something different for different work groups. Determine what it means to yours. See how the Ricoh SP 4520DN measures up to other printers in your fleet while also checking paper, toner levels and more with Ricoh Device Manager NX. Use Ricoh Web Image Monitor to manage print queues and change settings. Or, monitor detailed device usage data with easy-to-use Ricoh @Remote and find potential problems before they compromise print performance.

Embrace environmental responsibility
You may feel like you have enough responsibilities at work. If so, why not let us help you conserve energy resources and protect the environment? The Ricoh SP 4520DN comes standard with double-sided printing to reduce paper use. Activate the ECO-Night Sensor and the printer shuts down for the night when you do. Or, you can program the printer to shut down at designated times to reduce energy consumption when the office is slower or closed. 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.

Simplify maintenance
You’re seeking a reliable printer that can produce up to 10,000 images per month. With high-yield consumables and a host of remote administration controls, you can rest assured that your printer will always work when you need it most. Just as importantly, cost-per-page has been minimized too, so you can produce high-quality black-and-white documents with minimal interruption to maximize your investment.

*EPEAT Silver rating is applicable only in the USA.
### Engine Specifications

**Ricoh SP 4520DN**

**Part #**: 407309

**Configuration**
Desktop

**Technology**
LED

**Colour/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

**Dimensions (WxDxH)**
14.6" x 15.4" x 16.9" (370 x 392 x 427 mm)

**Power Requirements**
120 V, 60Hz, 10A

**Recovery from Sleep**
9.9 seconds

**Consumption (TEC)**
Typical Electricity
Less than 1 W

**Power Consumption (Operating)**
17 seconds

**First Page Out Time**
5 seconds

**Duplexing**
Supported

**Maximum Weight**
250 sheets

**Supported Paper Sizes**

| Supported Paper Sizes | Paper Tray: 3.94” x 5.82” – 8.5” x 14”
|-----------------------|---------------------|
|                       | (100 x 148 – 216 x 356 mm)
| Supported Paper Weights | 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
| Supported Paper Weights | Duplex: 14-43 lb. Bond/90 lb. Index (52 – 162 g/m²)

**Duplexing**

| Duplexing | Plain, Recycled, Thick, OHP (Transparency), Letterhead, Preprinted and Envelopes
|-----------|----------------|

**Power Consumption (Sleep Mode)**
Less than 1 W

**Power Consumption (Standby)**
1.752 kWh/week

**Total Power Usage**
9.9 seconds

**Power Requirements**
120 V, 60Hz, 10A

**Dimensions (WWxHxD)**

<table>
<thead>
<tr>
<th>Dimensions (WxDxH)</th>
<th>14.6” x 15.4” x 21.7”</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(370 x 392 x 549 mm)</td>
</tr>
</tbody>
</table>

**Weight**
14.6” x 15.4” x 3.7” (370 x 392 x 95 mm)

**Power Consumption (Ricoh EPSX)**
9.92 lb. (4.5 kg)

**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, SD Card Slot

**Printer Languages**
Standard: PCL6/5e, Adobe® PostScript® 3®, PDF Direct

**Font Support**
Optional: IPDS®, XPS

**Network Protocols**
Windows XP/Vista/7/8/8.1/Server2003/2008/2008R2/2012/2013R2, Mac OS X (10.5 or later)

**Supported Operating Systems**

**Device Management Utilities**
@Remote, SmartDeviceMonitor, Device Manager NW, Web SmartDevice Monitor, Web Image Monitor

**Print Features**
Scheduled Print*, Auto Continue, Store and Skip Errored Job, Locked Print*, Unauthorized Copy Prevention, Poster Print, Collate, Toner Saving Mode

**Controller Options**

<table>
<thead>
<tr>
<th>Controller Option</th>
<th>Type P1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory Unit Type N1</td>
<td>1.0GB</td>
</tr>
<tr>
<td>Browser Unit Type P1</td>
<td>Part # 407487</td>
</tr>
<tr>
<td>PDMS Unit Type P1</td>
<td>Part # 407349</td>
</tr>
<tr>
<td>XPS Direct Print Option Type P1</td>
<td>Part # 407351</td>
</tr>
<tr>
<td>VM Card Type W</td>
<td>Part # 407218</td>
</tr>
<tr>
<td>IEEE802.11abg/hn</td>
<td>Part # 407113</td>
</tr>
<tr>
<td>Interface Unit Type O</td>
<td>Part # 411699</td>
</tr>
<tr>
<td>IEEE 1284 Interface Board Type A</td>
<td>Part # MX407348RA</td>
</tr>
<tr>
<td><strong>Hard disk drive and optional memory required.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>IPDS option required.</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Security Features**

**Administrative and User Authentication**, **User Lockout**, **Auto Logout**, **Menu Protect**, **Data Encryption**

**Ricoh Canada Inc., 100-5560 Explorer Drive, Mississauga, ON L4W 5L1, 1-888-742-6417**

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