

Ricoh Aficio SP 4110N-KP  
B/W HotSpot Printer  
Convenient Printing From  
Anywhere, Anytime.

**RICOH**

easy



secure



mobile



# Ricoh Aficio SP 4110N-KP B/W HotSpot Printer

## Empower Every User With Secure Mobile Printing

Give every mobile professional the freedom to easily print documents, e-mails and Web content from Internet-enabled laptops, smartphones and handheld devices without downloading drivers or installing additional software. Ricoh HotSpot technology ensures reliable access to driverless laser printing in a totally embedded, secure mobile printing system. The RICOH® Aficio® SP 4110N-KP B/W HotSpot Printer provides reliable 36-ppm monochrome laser printing in a compact design. Ricoh HotSpot printing technology makes it easy to print anywhere.



# Superior Robust Connected Productive

## A Totally Integrated Solution

**Ricoh delivers the industry's first and only fully integrated mobile printing solution.**

- Simple installation — This turn-key system is self-configuring and ready to Print Simply Anywhere® in minutes. Access to the Internet is all that's needed. Plus, every Ricoh Aficio SP 4110N-KP includes a one-year mobile printing subscription.
- Totally embedded — All printer hardware enhancements are preconfigured; all software is pre-loaded, no additional support is required. That means no external appliances and no way for users to accidentally change system settings or access other jobs.
- A true One-for-All solution — Use the Ricoh Aficio SP 4110N-KP for daily printing as well as to support mobile users with HotSpot printing.

## Easy Ways to Access Mobile Printing

**Every environment with existing high-speed Internet access — wired or wireless — can reduce their support burden with Ricoh's versatile HotSpot Printer technology.**

- Mobile handheld device printing — Simply forward any e-mail from PDAs or Internet-enabled smartphones — with or without attachments — to the HotSpot Printer's e-mail address. No drivers required!
- Driverless Web-based printing — Surf to the HotSpot Printer Web address using any browser, and upload a file or enter the Web page URL to be printed. After submitting each print request, the service automatically replies to the sender's e-mail address with a secure release code.

## Customizable to Build Your Brand

**Ricoh HotSpot Printer technology adds value by enabling organizations to take greater ownership of this solution as an exclusive, branded interface to build customer loyalty or as a revenue generating service for cost recovery.**

- Flexibility — Utilize the Ricoh Aficio SP 4110N-KP mobile printing solution as a free convenience to attract new customers or as a chargeable printing service to increase revenues.
- Customizable interface — Incorporate company logos and colors on the PrintSpots™ Web page to reflect your business identity and present HotSpot printing as a value-added service exclusive to your establishment.
- Add links and custom messages — Customize the main user interface to add links to other websites, add new printers or insert new screens for additional services, print job options and job confirmation/approval steps.
- Support for third party billing systems — Take advantage of Ricoh's partnership with WebPay Services Aps (WPS) enabling hosted billing solutions so that the system can count the number of pages, calculate the job cost, and initiate a credit card billing sequence.



Driverless printing to any Ricoh HotSpot Printer makes mobile professionals and field-based service and sales agents more productive.



15,000-page All-In-One print cartridge technology makes maintenance a snap.

## The Total Green Office Solution



**Ricoh continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity.**

# Ricoh Aficio SP 4110N-KP

## Specifications

Aficio®

### The HotSpot Workflow: Printing from your PDA, Laptop or Phone is as easy as 1, 2, 3.



1. Documents and Web pages to be printed are sent from a wired or wireless laptop, smartphone or handheld device to the PrintSpots™ server using 128-bit SSL encryption.

The printer's unique Web page or e-mail address is noted on a label affixed to the printer.

Each job is assigned a private release code automatically.

2. The receiving server generates a compressed printable data file and transmits it securely to the destination printer, once again using 128-bit SSL encryption for complete file integrity and protection.

3. The job resides safely in the printer's hard disk drive until the user arrives at the printer and enters a confidential 4 – 10 digit release code using the attached keypad. The file is decompressed, printed and is then automatically erased from memory for total security. It's that easy!

#### System Specifications

SP 4110N-KP	Part #406651
Configuration	Desktop Monochrome Laser Printer
Imaging Process	Laser beam scanning and electro-photographic printing using dry dual component toner development
Print Speed	36 ppm (Letter)
First Print Speed	< 6.9 seconds
Warm-Up Time	< 34 seconds
Print Resolutions	300 x 300 dpi, 600 x 600 dpi, 1200 x 600 dpi
CPU	400MHz
Memory	256 MB RAM (Standard/Maximum) 40 GB Hard Disk Drive (Standard)
Printer Languages*	PCL5e, PCL6, Adobe® PostScript®3™ + PDF Direct, Ricoh Refined Print Command Stream (RPCS)
*Page Description Languages are accessible for standard network printing only.	
Fonts	136 PostScript 3 fonts, 10 True Type fonts, 35 Intellifonts, 13 International fonts, 1 Bitmap font
Standard Interfaces	10Base-T/100Base-TX Ethernet, USB 2.0 Type B, IEEE 1284 Parallel, USB 2.0 Type A for Keypad
Network Protocols	Simultaneous auto-sensing/ auto-switching TCP/IP, IPX/SPX, AppleTalk, SMB
Operating Systems	Windows 7, Vista, XP, 2000, Server 2003, Server 2008 NetWare v 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5 Macintosh OS 8.6 – 9.2x, OS X 10.1 or later UNIX (using Ricoh UNIX filter) Citrix MetaFrame IBM AS/400 SAP R/3
Maximum Paper Capacity	1,600 sheets
Standard Tray	500 sheets

Bypass Tray	100 sheets
Optional Paper Tray	500 sheets (1 or 2 may be added)
Acceptable Paper Sizes*	Std. & Opt. Trays: 3.9" x 5.6" to 8.5" x 14" Bypass Tray: Width: 2.6" - 5.6"; Length: 8.5" - 14"
*HotSpot print jobs default to either Letter or Legal size. Other paper sizes are only available when the device is used as a standard network printer.	
Acceptable Paper Weights	Std. & Opt. Trays: 16 lb. - 34 lb. Bond Bypass Tray: 16 lb. - 43 lb. Bond/90 lb. Index
Duplex	Optional Automatic Duplexing (Approx. 100% of simplex speed)
Output Capacity	250 sheets, face down
Dimensions (WxDxH)	15.3" x 17.8" x 13.6" (Add 1" height when keypad is installed)
Weight	38.6 lb.
Power Source	120V, 60Hz
Maximum Power Consumption	960W or less
Operating Power Consumption	561W
Energy Saver Mode	10W or less

#### Options & Supplies

Paper Feed Unit Type TK 1030*	Part #402807
Envelope Feeder Type 400*	Part #400939 (requires #402087)
*Envelope Printing can only be accessed when the printer is used as a standard network printer.	
Duplex Unit AD 1000	Part #402808
Ricoh BB-HPL10A-R Ethernet Adaptor	Part #100123FNG
Port Cover Plate Type 4100	Part #406758
All-in-One Print Cartridge	Part #402809 (15,000-page yield*)
Maintenance Kit	Part #402815 (Recommended @ 90,000-page intervals)

Two-Year HotSpot Service Subscription Extension	Part #003357MIU
Three-Year HotSpot Service Subscription Extension	Part #004813MIU
Four-Year HotSpot Service Subscription Extension	Part #004814MIU

\*Declared yield value in accordance with ISO/IEC 19752; actual yields vary based on images printed and other factors.

The Ricoh Aficio SP 4110N-KP ships with a one-year subscription to the mobile printing service which must be registered in order to be active.

The Ricoh Aficio SP 4110N-KP ships with a starter All-In-One print cartridge with a 6,000-page yield. All other consumables ship at full yield.

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

#### Bundled Solution

The Ricoh Aficio SP 4110N-KP HotSpot Printer arrives with these components already installed for true plug-and-play mobile printing:  
 Ricoh Aficio SP 4110N-KP with 500-Sheet Paper Tray & 100-Sheet Bypass Tray  
 256 MB RAM  
 40 GB Hard Disk Drive  
 USB Host Interface  
 Ricoh USB Keypad  
 PrinterOn's JAVA-based mobile printing software  
 One-Year mobile printing subscription included

#### Warranty

The Ricoh Aficio SP 4110N-KP 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 document shipped with the product for more details.

**RICOH**  
www.ricoh-usa.com

Bringing Ricoh Value to Your Organization  
 Ricoh technology offers a diverse portfolio of solutions to help your organization stay competitive and move ahead. Let Ricoh show you how to empower your business to improve critical processes, keep information secure, ensure compliance and promote environmental sustainability while reducing the total cost of ownership.

Ricoh Americas Corporation, Five Dedrick Place, West Caldwell, NJ 07006  
 Ricoh® and the Ricoh Logo are registered trademarks of Ricoh Company, Ltd. All other trademarks are the property of their respective owners. Print speed may be affected by network, application or PC performance. Specifications and external appearances are subject to change without notice. Products are shown with optional features.

Powered by  
**PrinterOn**  
PRINTING SOFTWARE

Adobe PostScript 3 Embedded Software Architecture Adobe PDF

Designed by Microsoft Windows XP Java POWERED BY Our earth. Our tomorrow. ENERGY STAR