

Ricoh Aficio SP 4100SF/  
SP 4110SF/SP 4100SFL  
Desktop Laser MFP  
Big Productivity, Small Footprint

**RICOH**



productive



convenient



functional



# Ricoh Aficio SP 4100SF/SP 4110SF/SP 4100SFL

**Multifunctionality in a compact, economical system.**

The RICOH® Aficio® SP 4100SF Series empowers small offices and workgroups with high-speed black & white printing, copying, faxing and advanced color scanning. Powerful, yet compact, this multifunction system improves productivity through electronic distribution tools and capabilities that integrate seamlessly with your workflow. Built upon Ricoh's award-winning laser printer technology, the Ricoh Aficio SP 4100SF Series delivers outstanding reliability and performance.



# PrintConnectSpeedPerform

## Convenient Multifunctional Performance

From the range of output choices to information management capabilities, this workflow and document hub adapts to your needs.

- Work with fewer interruptions—one optional 500-Sheet Paper Feed Unit increases capacity to 1,100 sheets.
- Expand your possibilities with versatile output options—copy and print up to 8.5" x 14", use up to 90 lb. Index stock, even print envelopes with the optional Envelope Feeder.
- Be more efficient with the standard 50-Sheet Automatic Document Feeder's fast, convenient multi-page scanning and copying.
- Increase your source material options—the platen cover makes it easy to copy stapled documents, books, three-dimensional objects and small originals such as drivers licenses and insurance cards.
- Maximize peer-to-peer and network printing with standard 10/100Base-TX Ethernet.

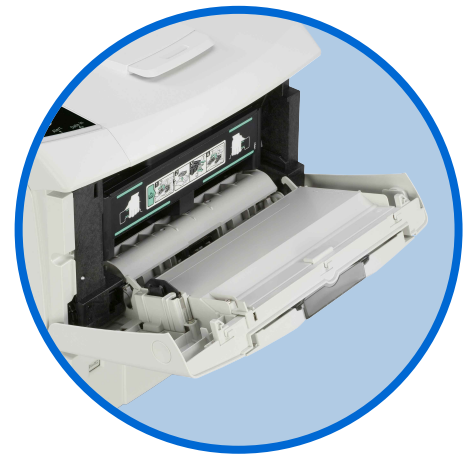


Sharing color documents from multiple hardcopy originals is fast and efficient through the standard 50-Sheet Automatic Document Feeder.

## Robust Document Scanning and Distribution

The Ricoh Aficio SP 4100SF Series is exceptionally versatile, with powerful management and workflow features typically reserved for larger enterprises.

- Save time and expense by scanning documents, photos and other originals, up to 8.5" x 14", directly to e-mail.
- Easily distribute and store documents for the workgroup via Scan-to-Email, Scan-to-Folder, and more.
- Streamline the document reviewing process by sending scanned forms, applications, reports and other documents to a designated folder on the network.
- Scan directly to a PC using network TWAIN scanning, so documents can be easily opened in an application for editing.
- Give your small office more advanced network connectivity options for wireless printing and Gigabit Ethernet support.



To access the All-In-One Print Cartridge, simply open the front cover to expose the All-In-One cartridge and slide in a new one.

## Maximized Workgroup Productivity

Ideas take shape faster and are shared more effectively with highly productive communications tools.

- Get documents faster—the Ricoh Aficio SP 4100SFL & SP 4100SF print at 31 ppm and the SP 4110SF at 36 ppm with print quality up to 1200 x 600 dpi.
- Fax faster with 200 Speed Dials and a 33.6 Kbps high-speed modem.
- Spend less time at the copier with speeds up to 25 copies-per-minute through the ADF.
- Conserve costs with two-sided printing through the optional Duplexing Unit.
- Use PDF Direct Print to output PDFs without opening Adobe Acrobat™.

## Security and Efficiency\*

Maintain the integrity of critical business information through sophisticated, convenient encryption and monitoring technologies.

- Remotely monitor your network settings, fax settings, copy settings, system usage and supply status through Ricoh's Web Image Monitor™.
- Save administrators' time with automated meter reading and reporting via the Ricoh @Remote Intelligent Management System.
- Print securely with the Locked Print feature by holding documents in memory until a PIN number is entered (Optional HDD required).
- Protect against information theft with Network Protection Data Unit.

\*Available security and efficiency features will be dependent on individual network environments.

## Your Environmental Partner



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

- Quick Start-Up (QSU) Technology
- Power-Saving Sleep Mode
- Combine Copy Modes
- Internal Toner Recycling Mechanism
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances (RoHS) Compliant

# Ricoh Aficio SP 4100SF/SP 4110SF/SP 4100SFL Aficio®

## Specifications

### Scanner and Printer\*

	EDP
<b>IS800C Image Scanner with rack</b>	402938
<b>RICOH Aficio SP 4100NL</b>	403068
<b>RICOH Aficio SP 4100N</b>	402799
<b>RICOH Aficio SP 4110N</b>	402803

\*Both the IS800C Image Scanner and selected mainframe must be ordered.

### Engine Specifications

<b>Printer Imaging Process</b>	Laser beam scanning electro-photographic printing using dry, monocomponent toner development
<b>Scanner Reading Element</b>	Flatbed scanner with full-color CIS array image-sensor
<b>Configuration</b>	Desktop
<b>Resolution</b>	1200 x 600 dpi 600 x 600 dpi 300 x 300 dpi
<b>Grayscale</b>	256 levels
<b>Document Feeding</b>	Standard 50-Sheet Automatic Document Feeder (ADF) Width: 4.5" x 8.5" Length: 5.5" x 14" Paper Weight: 16 – 28 lb. Bond
<b>Duplex</b>	Optional Automatic Duplexing
<b>Paper Supply (Std.)</b>	500-Sheet Paper Tray; 100-Sheet Bypass Tray (Total 600 sheets)
<b>Optional Paper Supply</b>	Paper Feed Unit – 500 sheets x 1 Maximum: 1,100 sheets
<b>Paper Weights</b>	Paper Trays: 16 – 34 lb. Bond Bypass Tray: 16 – 43 lb. Bond/ 90 lb. Index
<b>Media Types</b>	Paper Tray and Paper Feed Unit: Plain paper, Recycle paper Bypass Tray: Plain paper, Recycle, Thick paper, Envelopes, Transparencies
<b>Output Tray Capacity</b>	250 sheets (face down), Internal Tray
<b>Power Source</b>	120V, 60Hz, 4.5A
<b>Dimensions (WxDxH)</b>	
<b>IS800C with ADF</b>	17.5" x 16.2" x 10.7" (444mm x 412mm x 272mm)
<b>SP 4100NL/ SP 4100N/SP 4110N</b>	15.3" x 17.7" x 13.6" (388mm x 450mm x 345mm)
<b>IS800C with Rack and Printer</b>	20.2" x 19.5" x 29.8" (512.8mm x 495.3mm x 756.2mm)
<b>Weights</b>	
<b>IS800C with ADF and Scanner Rack</b>	44 lb. (20 kg)
<b>SP 4100NL/ SP 4100N/SP 4110N</b>	38.6 lb. (17.5 kg)
<b>Safety Regulations</b>	UL UL60950-1, FCC Part 15 Class B device, EnergyStar compliant

### Printer Controller Specifications (Standard)

<b>Print Speed</b>	SP 4100SFL/SP 4100SF: 31 ppm SP 4110SF: 36 ppm
<b>Interface</b>	USB 2.0, 10/100Base-TX, IEEE 1284
<b>CPU</b>	RMS231–400MHz
<b>Memory</b>	Standard: 192 MB/ Maximum: 384 MB

<b>PDL</b>	RPCS, PCL5e, PCL6, Genuine Adobe®Postscript®3™, PDF Direct Print
<b>Resolution</b>	1200 x 600 dpi/600 x 600 dpi/ 300 x 300 dpi
<b>Network Protocols</b>	Simultaneous auto-sensing/ auto-switching TCP/IP, Novell IPX/SPX, AppleTalk, & SMB
<b>Operating Systems</b>	Windows 2000/XP/Server 2003/ Vista/Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6, 6.5; Unix* (using Ricoh UNIX filter); Mac OS 8.6 or later, OS X 10.1 or later

\*For UNIX support, visit [www.ricoh-usa.com/downloads](http://www.ricoh-usa.com/downloads)

<b>Printer Features</b>	User Codes (200), Optional HDD DataOverWriteSecurity System, Locked Print (requires optional HDD), PDF Direct Print Web Image Monitor™, SmartDeviceMonitor, Font Manager 2000, Printer Utility for Mac, DeskTopBinder Lite
<b>Utilities</b>	

### Copier Specifications (Standard)

<b>Warm-Up Time</b>	Less than 45 seconds
<b>First Copy Speed</b>	16 seconds or less
<b>Copy Speed</b>	SP 4100SFL/SP 4100SF: 31 cpm SP 4110SF: 36 cpm
<b>Multi-Copy Speed (ADF)</b>	up to 25 cpm
<b>Quantity Indicator</b>	1 – 99
<b>Original Type</b>	Sheet/Book
<b>Original Size</b>	Up to 8.5" x 11.69" (Platen); Up to 8.5" x 14" (ADF)
<b>Copy Size</b>	Standard Paper Trays and Optional Paper Feed Unit: All standard sizes from 5.6" x 8.5" – 8.5" x 14" (statement to legal) (All standard metric sizes from A5 – A4) Custom sizes: Width from 5.6" – 8.5" – Length from 5.6" – 14" Bypass Tray : All standard sizes from 2.6" x 5.6" – 8.5" x 17" (All standard metric sizes from A4 – A6)

<b>Reproduction/ Zoom Ratios</b>	25%, 50%, 78%, 127%, 200% ADF: 25% – 400%, in 1% increments Platen: 20 – 200% in 1% increments
<b>Copier Features</b>	Density Control (1-7 levels), Edge Erase, Margin Shift, Paper Saving (N-up), Collate (Sort/Stack)

### Scanner Specifications (Standard)

<b>Scanning Type</b>	Flatbed color image scanner with Automatic Document Feeder
<b>Resolution</b>	Optical: 600 dpi
<b>Scanning Speeds</b>	Monochrome: 8 ipm Color: 8 ipm
<b>Grayscale</b>	256 levels
<b>Compatibility</b>	Network and TWAIN standard
<b>Scan Modes</b>	Black & White; Grayscale; Color
<b>Max. Original Size</b>	Platen: 8.5" x 11.7"; ADF: 8.5" x 14"

<b>Connectivity</b>	USB 2.0 for Copying, TWAIN Scanning, 10/100Base-TX Ethernet (RJ-45) for Network Scanning
<b>Scanning Capabilities</b>	TWAIN Scanning, Scan-to-Email w/LDAP, Scan-to-Folder

### Facsimile Specifications (Standard)

<b>Type</b>	Super G3 Transceiver, Single line
<b>Circuit</b>	PSTN/PBX
<b>Compatibility</b>	ITU, G3
<b>Resolution</b>	Received: 200 x 100, 200 x 200, 200 x 400 dpi Send: 200 x 100, 200 x 200 dpi MH, MR, MMR
<b>Compression</b>	33.6 Kbps
<b>Modem Speed</b>	3 seconds-per-page
<b>Transmission Speed</b>	2.5 MB in Flash
<b>Page Memory</b>	Quick Dial (20), Speed Dial (200), Error Correction Model, 5 Contrast Control Levels, Halftone/Error Diffusion, Monitor Speaker, On-Hook Dial, Pause, Busy Tone Detection, Redial (Automatic/Manual), Memory Transmission, Broadcasting (200), Clear Memory Transmission File, Auto Answer Delay Time, Dial Tone Detection

### Controller Options

<b>IEEE 802.11b Wireless LAN Type N</b>	414525
<b>SDRAM 128MB Type C</b>	001179MIU
<b>SDRAM 256MB Type C</b>	001180MIU
<b>HDD Type 2650</b>	003276MIU
<b>Gigabit Ethernet Board Type A</b>	402547
<b>VM Card Type D</b>	402704
<b>Data Storage Card Type A</b>	402627
<b>HDD Overwrite Security* Type E</b>	402550

(\*This option must be installed by technician)

<b>BB-HPL10A-R HD-PCL Ethernet Adaptor</b>	100123FNG
--	-----------

### Optional Paper Handling

<b>Paper Feed Unit Type TK 1030</b>	402807
<b>Envelope Feeder Type 400</b>	400939
<b>Duplex Unit AD 1000</b>	402808

<b>IS800C Image Scanner</b>	402938
-----------------------------	--------

Note: Scanner can be purchased separately for the SP 4100NL, SP 4100N, and SP 4110N B/W Laser Printers.

### Supplies

	Ricoh Part #	Yield
<b>SP 4100SFL AIO Print Cartridge</b>	403073	7,500* prints
<b>SP 4100SF/SP 4110SF/ AIO Print Cartridge</b>	402809	15,000* prints
<b>SP 4100SFL/SP 4100SF/ SP 4110SF Maintenance Kit</b>	402815	90,000 prints
<b>IS800C Maintenance Kit</b>	402949	

SP 4100SFL ships with starter All-In-One Print Cartridges at 3,000 prints. SP 4100SF/SP 4110SF ships with starter All-In-One Print Cartridges at 6,000 prints; all other consumables ship at full yield. \*Declared yield value in accordance with ISO/IEC 19752.

Please note: AIO Print Cartridges for the SP 4100SFL and AIO Print Cartridges for the SP 4100SF/SP4100SF are not interchangeable.

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

**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.

R2699



## Free Manuals Download Website

<http://myh66.com>

<http://usermanuals.us>

<http://www.somanuals.com>

<http://www.4manuals.cc>

<http://www.manual-lib.com>

<http://www.404manual.com>

<http://www.luxmanual.com>

<http://aubethermostatmanual.com>

Golf course search by state

<http://golfingnear.com>

Email search by domain

<http://emailbydomain.com>

Auto manuals search

<http://auto.somanuals.com>

TV manuals search

<http://tv.somanuals.com>