RICOH SP-1120, SP-1125, SP-1130, SP-1425

☑ Scanner

RICOH
imagine. change.

- **Future-proof.** Simplified scanning opens doors for professional document capture
- **Resourceful.** Purpose built with impressive software suite for efficiency gains
- **Reliable.** Intuitively and dependably converts physical documents to digital format
- **Convenient.** Simple and easy to use design, ideal for desktop placement

Raise your productivity

Easily evolve from your physical to electronic documents with the SP Series. Create one single reference source for all your data by merging paper documents with your digitally born documents. Gain the business advantages of working with more convenient, flexible and secure digital images using simple push button routines, the SP Series feature a simple operation panel with two buttons (Scan / Stop and Power).

Store, retrieve and manage your documents more productively, efficiently and cost effectively than paper records allow. At the same time actively embrace compliance risk avoidance concerns and increase your customer's satisfaction.

Cost effective high performance

Achieve more in less time. Remove your backlog of documents and transform mixed batches of different thicknesses and sizes including plastic cards into high quality images. The SP Series has been especially designed to provide a simple but efficient paper to digital document scanning platform for all types of

businesses looking to adopt a more systematic approach to regular document capture. Automatic size recognition and blank page removal simplifies scanning operations and pre scan sorting thereby helping to save the inconvenience of fine tuning the document for the OCR process. Ricoh scanners are renowned for their highly reliable paper handling capabilities and these help remove image capture disruptions to reduce document management overheads.

Desktop convenience

With the ADF models measuring less than an A4 size sheet of paper the compact design takes up minimal space on a busy desktop. The small footprint means these devices are always available and within reach for uninterrupted performance. Trade a small desktop space to reclaim a much larger space taken up by paper records. Whether it'll be sets of loose sheets of documents scanned through all SP Series models' automatic document feeders (ADFs) or bound materials that need to be scanned with the SP-1425 flatbed module, the SP Series conveniently supports the user in regularly digitizing all office documents.

PaperStream Capture Lite

PaperStream Capture Lite is a powerful application used to scan documents with the SP Series scanner models. It is extremely easy-to-use and provides an interface similar to a mobile application. This allows users with little scanning experience to use the scanner almost instantly. PaperStream Capture Lite is based on the "One Click Capture" concept, which promotes reducing the number of

times to touch the screen. It is effective in the prevention of operational errors as well as streamlining repeated operations. PaperStream Capture Lite presents itself as an essential capture tool for feeding TIF, BMP or JPEG files into defined capture routines by simply selecting a pictogram presented on screen.

Bundled with business enhancing functionality

Turn lifeless business records into searchable, secure yet dynamic documents that can be fed into digital archives. The bundled version of ABBYY FineReader Sprint creates searchable and editable files from your paper documents allowing you to retrieve information more efficiently at a future date (the OCR processing can handle 190 languages). Call this application directly from within your PaperStream Capture Lite profile and searchable PDF and PDF/A files are just one click away.

Presto PageManager offers further manifold possibilities for the enhancement, conversion and organisation of your personally used files.

Faster throughput when it is needed

The SP Series models through their 50-sheet automatic document feeder (ADF) can process single or double sided pages at the same time. The SP-1120 can scan 20 A4 single sided pages per minute (ppm) or 40 images per minute (ipm), the SP-1125 and SP-1425 scan speeds are 25 ppm / 50 ipm and the SP-1130 scan speeds are 30 ppm / 60 ipm.

Developed to be the best in class scanner driver

PaperStream IP

high quality image enhancement

PaperStream IP is the scanner driver for the SP Series. In addition to being fully compliant with the industry standard TWAIN and ISIS interface, PaperStream IP incorporates as standard, highly sophisticated image processing that automatically applies features such as noise removal, background pattern removal and character augmentation to produce exceptionally clear, high quality images that are suitable for direct import into the users' workflow.

PaperStream IP has an intuitive, easy to use interface that can be switched between Administrator or User mode to simplify the scanning process and reduce user error.

Additionally PaperStream IP also introduces a new Assisted Scanning mode, which allows the user to visually select the best quality image from a range of images of the page, rather than needing to manually fine tune the scanning parameters one by one.

Specifications

For full specifications : www.pfu-emea.ricoh.com

Models	SP-1120	SP-1125	SP-1130	SP-1425
Supported operating systems	See http://www.pfu-emea.ricoh.com for further information			
Scanner type	ADF (automatic document feeder)			ADF / Flatbed
Scanning modes	Simplex / Duplex, Colour / Greyscale / Mono			
Image sensor type	Colour CIS x 2			Single line CMOS-CIS x 2 (front / flatbed x 1, back x 1)
Light source	RGB-LED x 2 (front x 1, back x 1)			RGB-LED x 2 (front / flatbed x 1, back x 1)
Document size	ADF Minimum: A8 Portrait/Landscape (52 x 74 mm) / Maximum: A4 Portrait (210 x 297 mm) / Long page scanning: 3,048 mm[*1]			ADF Minimum: 114 x 140 mm / Maximum: 216 x 356 mm / Long page scanning: 216 x 3,048 mm[*1] Flatbed Minimum: 25.4 x 25.4 mm / Maximum: 216 x 297 mm
Recommended paper weight	50 to 209 g/m², A8: 127 to 209 g/m² (ISO7810 conforming)			52 to 127 g/m²
	Cards can be scanned (landscape only), non-embossed : 0.76 mm or less / embossed : 0.76 + 0.48 mm			
Scanning speed (A4 Portrait)[*2] Colour[*3] / Greyscale[*3] / Mono	Simplex: 20 ppm (200/300 dpi) Duplex: 40 ipm (200/300 dpi)	Simplex: 25 ppm (200/300 dpi) Duplex: 50 ipm (200/300 dpi)	Simplex: 30 ppm (200/300 dpi) Duplex: 60 ipm (200/300 dpi)	ADF: Simplex: 25 ppm (200/300 dpi) Duplex: 50 ipm (200/300 dpi) Flatbed: 4 seconds (200/300 dpi)
Paper chute capacity[*4]	50 sheets (A4: 80 g/m²)			
Background colours	White			ADF: White / Flatbed: Black
Optical resolution	600 dpi			
Output resolution[*5] Colour / Greyscale / Mono	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver)[*6]			
Output format	Colour: 24 bit, Greyscale: 8 bit, Mono: 1 bit			
Interface / Connector shape	USB 2.0 / USB: B type			
Image processing functions	Automatic colour detection, Automatic page size detection, De-Skew, Multi-image, Blank page skip, Error diffusion, Dropout colour (RGB,Saturation), Image emphasis, Advanced DTC, sRGB, Halftone, Smoothing, Split image, Vertical streaks reduction, Digital endorser, Edge correction, Dynamic threshold (iDTC)			
Power requirements	AC 100 to 240V ± 10%			
Power consumption	Operating: 18 W or less Sleep mode: 1.6 W or less Auto standby (OFF) mode: 0.4 W or less			Operating: 16 W or less Sleep mode: 2.9 W or less Auto standby (OFF) mode: 0.5 W or less
Operating environment	Temperature: 5 to 35°C, Relative humidity: 20 to 80% (Non-condensing)			
Dimensions (W x D x H base unit)[*7]	298 x 135 x 133 mm			454 x 331 x 129 mm
Weight	2.5 kg			4.3 kg
Included software / drivers[*9]	PaperStream Capture Lite [*9], PaperStream IP Driver (TWAIN & ISIS™)[*8] with patch code and barcode module, Software Operation Panel, Error Recovery Guide, Presto!™ PageManager™, ABBYY™ FineReader™ Sprint, Scanner Central Admin Agent, Linux Driver (SP-1120/1125/1130)[*9]			
Environmental compliance	ENERGY STAR® and RoHS[*10]			
Others Multi-feed detection	Ultrasonic multi-feed detection sensor x 1			
Standard Warranty (included in the price of the product)	1 Year Standard Warranty: Advance Exchange - Next Business Day			

Consumables and options	Order number	Remarks
Consumable Kit	CON-3708-100K	Includes 2x Pick Rollers and 1x Brake Roller. Up to 100K scans.
Consumable Kit for SP-1425	CON-3753-200K	Includes 1x Pick Roller and 7x Separation Pads. Up to 200K scans.
Cleaning Wipes	CON-CLE-W72	Pack of 72 F1 Cleaning Wipes for Ricoh scanners.
PaperStream Capture for SP Series	PA43201-2502	Upgrades the bundled version of PaperStream Capture Lite to the full PaperStream Capture functionality[*11]

Optional Service Plans [*12]	Order by Part Number	Service Description
Extended Warranty	U3-EXTW-OFF	3 Year Extended Warranty: Advance Exchange - Next Business Day

Advance Exchange = Replacement of the faulty scanner with a new or as new unit.

[*1] Documents over 863 mm can be scanned at an output resolution of 200 dpi or below.

[*2] Actual scanning speeds are affected by data transmission and software processing time.

[*3] JPEG compressed figures.

[*4] Maximum capacity varies, depending upon paper weight.

[*5] Maximum output resolutions may vary, depending upon the size of the area being scanned and whether the scanner is scanning in simplex or duplex.

[*6] Scanning limitations due to scanning mode, document size and available memory may occur when scanning at high resolutions (600 dpi or higher).

[*7] Excluding the ADF paper chute and stacker.

[*8] WIA driver is not supported.

[*9] The software can be downloaded from the website designated in the Setup DVD-ROM.

[*10] PFU LIMITED, a RICOH company, has determined that this product meets RoHS requirements (2011/65/EU)

[*11] Including single-field metadata extraction from barcode or zonal OCR. It supports creating PDF, PDF/A file formats as static image files as well as searchable PDF files.

[*12] Geographic Limitations may apply to Service Plans and Service Levels in some countries. Please contact us for more information.

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All indications are non-binding. Technical data is subject to change without prior notification.

Specifications are subject to change without notice.
Visit the fi Series website for more information. **www.pfu-emea.ricoh.com**

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