

Imaging Scanners

RICOH
imagine. change.

RICOH SP-1120N, SP-1125N, SP-1130N

Scanner





Streamlining processes, delivering Organisational Intelligence

Organisations are coming to realise that digitising their paper processes can have hugely beneficial impacts. More efficient processes lead to lower costs and higher productivity, while extracting maximum value from the information they have access to - increasing their Organisational Intelligence - can be the catalyst for wider, deeper business transformation.

The 2nd generation SP Series scanners are designed to meet the essential scanning needs of budget-conscious organisations, or those taking their first steps towards a structured scanning approach:

- Automate capture routines; scan, extract and release all at the touch of a button
- Streamline operations by integrating captured data into business workflows
- Easily create searchable PDFs, or editable Word, Excel and PowerPoint files
- Optimise scanning architecture – use any scanner from any PC

PaperStream software allows SP Series users to enjoy a premium capture experience, while Ricoh's heritage and market-leading technology give assurance of quality and dependable reliability.



Dependable day to day scanning

Dependable, day-to-day scanning

The SP Series comes with a number of key features that help streamline work processes, support digital transformation and leverage Organisational Intelligence.

Integrate, automate, streamline

TWAIN or ISIS compatibility means users can integrate scanned data into their workflows directly, or via PaperStream Capture's process automation. Setting up routines to scan, extract and release with just the click of a profile can streamline processes and improve efficiency.

Automatic Profile Selection

When a known document format is recognised the system will automatically name, sort and distribute the scanned images and extracted metadata in the relevant pre-defined way – e.g. invoices will always go into Finance Systems, with supplier name and invoice number included as part of the filename.

Automatic image clean-up

PaperStream IP's market-leading image processing automatically cleans up images for downstream processes such as OCR, delivering dependable quality output even from documents that are soiled, creased or patterned.

Fits into any working environment

The compact design makes the SP Series perfect for any office space with limited space, and its quiet design means it won't disturb others who are busy at work.

Ad-hoc scanning

The ABBYY Finereader software embedded within PaperStream Capture recognizes the texts in scanned images and converts them to searchable PDFs or other formats such as editable Word, PowerPoint or Excel files.

LAN support for liberated connectivity

Thanks to PaperStream IPNet, users can quickly connect to any scanner on the network, from any computer – liberating them from the limitations of short USB cables.

One-touch operation

Profile-driven operation means the SP Series requires minimal user training and reduces both scanning procedure and user error. The quick scan button also allows immediate scanning using the default scan profile.

Dependable solutions for organisational productivity

Market-leading technology, over 50-years experience and a reputation for quality and reliability have made Ricoh the world's most trusted scanner brand.



One touch operation

best-in-class scanner driver and document capturing software



Scanner driver for high-quality image enhancement

- This TWAIN/ISIS compatible driver supports downstream processes such as OCR by automatically cleaning up images without the need for complicated setting adjustments.
- Its PaperStream IPNet capability can liberate users from needing to be directly physically connected to the scanner by utilising LAN connection. Organisations can now be more flexible in how they deploy their scanning architecture.



Efficient, high-quality front-end capture solution

- The full version of our Capture software offers users the same powerful, automated scanning experience as our premium scanner range.

Specifications

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

Models	SP-1120N	SP-1125N	SP-1130N
Supported operating systems	See http://www.pfu-emea.ricoh.com for further information		
Scanner type	ADF (automatic document feeder)		
Scanning modes	Simplex / Duplex, Colour / Greyscale / Mono		
Image sensor type	Single line CMOS-CIS x 2		
Light source	RGB-LED x 2 (front 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		
Recommended paper weight	50 to 209 g/m ² , A8: 127 to 209 g/m ² (ISO7810 conforming)		
	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)
	50 sheets (A4: 80 g/m ²) 60 sheets(A4: 64 g/m ²)		
Paper chute capacity ⁴	50 sheets (A4: 80 g/m ²) 60 sheets(A4: 64 g/m ²)		
Background colours	White		
Optical resolution	600 dpi		
Output resolution ⁵ Colour / Greyscale / Mono	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver) ⁶		
	Colour: 24 bit, Greyscale: 8 bit, Mono: 1 bit		
Interface / Connector shape	USB 3.2 Gen1x1/USB: B type, Ethernet 10BASE-T,100BASE-TX,1000BASE-T		
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), Automatic Profile Selection		
Power requirements	AC 100 to 240V ± 10%		
Power consumption	Operating: 18 W or less Sleep mode: 2 W or less Auto standby (OFF) mode: 0.3 W or less		
	Temperature: 5 to 35°C, Relative humidity: 20 to 80% (Non-condensing)		
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		
Weight	2.5 kg		
Included software / drivers ⁸	PaperStream Capture [®] , PaperStream IP Driver (TWAIN & ISIS [™]) with patch code and barcode module, Software Operation Panel, Error Recovery Guide, ABBYY [™] FineReader [™] Sprint, ABBYY [™] FineReader [™] for ScanSnap [®] , PaperStream IPNet, SP series online update		
Environmental compliance	ENERGY STAR [®] and RoHS ⁹		
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.	
Cleaning Wipes	CON-CLE-W72	Pack of 72 F1 Cleaning Wipes for Ricoh scanners.	
Optional Service Plans ^{**10}	Order by Part Number	Service Description	
Extended Warranty	U3-EXTW-OFF	3 Year Extended Warranty: Advance Exchange - Next Business Day	

- 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 The software can be downloaded from the website designated in the Setup DVD-ROM.
- ⁹ PFU LIMITED, a RICOH company, has determined that this product meets RoHS requirements (2011/65/EU)
- ¹⁰ Geographic Limitations may apply to Service Plans and Service Levels in some countries. Please contact us for more information.

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