

Image Scanner

RICOH SP-1425 Datasheet

Scanner

RICOH
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Versatile dedicated scanning for your small office needs

The SP-1425 scans documents at 25 ppm/50 ipm (A4 portrait 200/300 dpi), loads up to 50 sheets at a time, and combines duplex ADF and flatbed into a single compact scanner.

User-friendly design for comfortable operation

Designed for use in various environments from cramped to more roomy spaces, the SP-1425 suits all business scanning needs - whether you need to scan documents for clerical jobs, or plastic cards and passports for identity/application operations at the office. Operation is simple with just 2 buttons to choose from. Store document data instantly, wherever you desire, and keep scanning procedures to the bare minimum.

Versatility for an efficient workflow

The SP-1425 equipped with ADF and flatbed, allows scanning of a wide variety of documents. Ultrasonic multi-feed sensors also assure stable feeding. These benefits combined with a wide variety of business system compatible scanning solutions, deliver ultimate efficiency at the office.

Software for ultimate business efficiency

PaperStream IP for SP Series, the scanner driver supporting both TWAIN and ISIS, enables you to bypass the inconvenience of making fine OCR setting adjustments. The software automatically converts scanned images into exceptionally clean images, raising OCR accuracy, even when scanning wrinkled and soiled documents, or documents with background patterns. With PaperStream Capture Lite, capture batches of all sizes with utmost efficiency.

Document software for maximized flexibility

Easily find the information you need, whenever you need to, with ABBYY FineReader Sprint and Presto! PageManager* providing handy conversion functionalities - convert to searchable PDFs with Presto! PageManager and both searchable PDF and Microsoft Office documents with ABBYY FineReader Sprint. Specializing in OCR processing, ABBYY FineReader Sprint is compatible with over 190 languages and demonstrates powerful OCR recognition, even in mixed-language environments. Utilizing data is also more efficient with Presto! PageManager's powerful image data organization features and ability to integrate with various applications.

*Image data management/editing application developed by NewSoft Technology Corporation.

Technical Information

Scanner Type	ADF (Automatic Document Feeder) / Flatbed, Duplex	
Scanning Speed* ¹ (A4 Portrait) (Color* ² /Grayscale* ² /Monochrome* ³)		
ADF	Simplex: 25 ppm (200/300 dpi) Duplex : 50 ipm (200/300 dpi)	
Flatbed	4 seconds (200/300 dpi)	
Image Sensor Type	Single line CMOS-CIS x 2 (front / flatbed x 1, back x 1)	
Light Source	3 Color LED x 2 (front / flatbed x 1, back x 1)	
Optical Resolution	600 dpi	
Output Resolution* ⁴ (Color / Grayscale / Monochrome)	50 to 600 dpi (adjustable by 1 dpi increments), 1,200 dpi (driver)* ⁵	
Output Format* ⁶	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit	
Background Colors		
ADF	White	
Flatbed	Black	
Document Size		
ADF	Maximum	216 x 356 mm (8.5 x 14 in.)
	Minimum	114 x 140 mm (4.5 x 5.5 in.)
	Long Page Scanning* ⁷	3,048 mm (120 in.)
Flatbed	Maximum	216 x 297 mm (8.5 x 11.7 in.)
Paper Weight (Thickness)* ⁸	52 to 127 g/m ² (14 to 34 lb)	
ADF Capacity* ⁹	50 sheets (A4 80 g/m ² or Letter 20 lb)	
Expected Daily Volume* ¹⁰	4,000 sheets	
Multifeed Detection	Overlap detection (Ultrasonic sensor)	
Interface* ¹¹	USB 2.0 / USB 1.1	
Power Requirements	AC 100 to 240 V ±10 %	
Power Consumption		
Operating Mode	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 (41 to 95 °F)	
Relative Humidity	20 to 80% (non-condensing)	

Environmental Compliance	ENERGY STAR®, RoHS
Dimensions* ¹² (Width x Depth x Height)	454 x 331 x 129 mm (17.9 x 13 x 5.1 in.)
Weight	4.3 kg (9.5 lb)
Supported Operating System	Windows® 11* ¹³ , Windows® 10* ¹³ , Windows Server® 2022, Windows Server® 2019, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012, Linux (Ubuntu)
Software / Drivers	PaperStream IP for SP Series (TWAIN/TWAIN x64/ISIS), WIA Driver* ¹⁴ , Image Scanner Driver for Linux (SANE)* ¹⁴ * ¹⁵ , PaperStream Capture Lite* ¹⁵ * ¹⁶ , PaperStream ClickScan* ¹⁵ , Software Operation Panel, Error Recovery Guide, Scanner Central Admin Server, ABBYY™ FineReader Sprint™* ¹⁶ , Presto!™ PageManager™* ¹⁶
Image Processing Functions	Multi image output, Automatic color detection, Automatic page size detection, Blank page detection, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout color (None/Red/Green/Blue/White/Saturation/Custom), sRGB output, Split image, De-Skew, Edge filler, Vertical streaks reduction, Digital endorser, Background pattern removal
Included Items	Pad unit, AC cable, AC adapter, USB cable, Setup DVD-ROM

Options

PaperStream Capture for SP Series	PA43201-2502	PaperStream Capture optional license
PaperStream Capture Pro Scan Station (WG)	PA43404-A665	PaperStream Capture Pro optional license

Consumables

Pad Unit	PA03753-0001	Every 30,000 sheets or one year
Pick Roller Unit	PA03753-0002	Every 200,000 sheets or one year

*1 Scanning speeds may vary due to the system environment. For details, please visit our website at: <https://www.pfu.ricoh.com/global/scanners/fi/>. *2 Indicated speeds are from using JPEG compression. *3 Indicated speeds are from using TIFF CCITT Group 4 compression. *4 Selectable maximum resolution may vary depending on the length of the scanned document. *5 Limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi). *6 Color depth indicates levels after driver processing. *7 Supports documents with lengths of up to 3,048 mm (120 in.) when resolutions are set to 200 dpi or less. *8 Paper weight limitations only apply when using the ADF. There are no limitations when using the flatbed. *9 Maximum capacity depends on paper weight and may vary. *10 Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. *11 Scanning speeds slow down when using USB 1.1. *12 Excludes the ADF paper chute. *13 fi Series scanners do not run with Windows® 11 and 10 ARM-based PCs. *14 Functions equivalent to those offered by PaperStream IP may not be available with the Image Scanner Driver for Linux or WIA Driver. *15 Refer to the SP Series Support Site for driver/software downloads and full lineup of all supported operating system versions. *16 Operation on Windows Server® OS is not supported.

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Safety Precautions

Be sure to carefully read all safety precautions prior to using this product and use this device as instructed. Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product. Be sure to limit the use of this product to listed power ratings.

ENERGY STAR®

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