Image Scanner

RICOH SP-1425

Datasheet

Scanner



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

The functions of PaperStream IP and PaperStream Capture, scanner driver and capture software for fi and SP Series respectively, improves operators' overall productivity, by reducing the number of operations before and after scanning.

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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 2025, Windows Server 2022, Windows Server 2019, Windows Server 2016, Linux (Ubuntu)
Software / Drivers*15	PaperStream IP for SP Series (TWAIN/TWAIN x64/ISIS), WIA Driver*14, Image Scanner Driver for Linux (SANE)*14, PaperStream Capture, PaperStream ClickScan, Software Operation Panel, Error Recovery Guide, PaperStream Central Admin
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	PA43404-B403	One year license of PaperStream Capture Pro
~~PaperStream Capture Pro~~ Premium	PA43404-B421	One year license of PaperStream Capture Pro Premium

Consumables

Pad Unit	PA03753-0001	Every 30,000 sheets*16
Pick Roller Unit	PA03753-0002	Every 200,000 sheets*16

*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 Replacement cycles are guidelines for using A4 documents (80 g/m^2 [20 lb]). These cycles vary depending on the type of documents scanned, how often the scanner is used and cleaned, and your operating environment.

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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®
PFU Limited has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.

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