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imagine. change.

Simple and network compatible scanner for business
SP-1120N Image Scanner

The SP-1120N document scanner is a compact and network compatible scanner that provides high-value performance, perfect for entry-level for personal and small businesses. The SP-1120N scans 20 ppm/40 ipm (A4 portrait 200/300 dpi) and holds 50 sheets in the ADF, making it a great device for moderate batch scanning.

Assistance for safe and reliable scanning

SP-1120N comes with brake rollers to deliver accurate page separation and prevent any multi-feeding errors from occurring. This mechanism, along with our ultrasonic multi-feed sensors, provides users with stable paper feeding, prevents any potential information loss from occurring, and enables scanning of all documents and cards at the office with maximized precision and efficiency. Application forms and ID cards at the reception desk, for instance, can be scanned in just one batch, allowing for quick processing and reduced customer wait times.

Flexible and easy operation to improve daily workflow

High-speed USB 3.2 Gen 1x1 and wired network connection expands the versatility of user operation so that users are no longer confined to operating near the computer. Operation is now possible in a wider variety of locations, with reliable network environment support. SP-1120N is also compact in size, making it the perfect scanner to use on a desk or reception space where space is limited. This entry-level model allows for a simple push-scan from the front panel, for intuitive use.

Document software for maximized flexibility

Easily find the information you need using ABBYY® FineReader® Sprint. Specializing in OCR processing, the software is compatible with over 190 languages and generates both searchable PDF and Microsoft Office documents.

Intelligent image processing with PaperStream IP

PaperStream IP (PSIP) is a TWAIN/ISIS® - compliant driver that cleans up and optimizes scanned images without any advance settings. PSIP features:

- Auto Color Detection to automatically identify the best color mode for the document
- Auto Deskew to automatically corrects skewed images
- Blank Page Detection to automatically remove blank pages
- Front and Back Merge to place two sides of a page into one convenient image

PaperStream ClickScan simplifies scanning

Easy to use capture software for any business. Simple scanning interface with 3-steps: scan, select destination & save.

PaperStream Capture makes scanning fast and easy

Eliminate the learning curve. PaperStream Capture's user-friendly interface allows easy operation from start to finish. Changing scan settings is simple. Indexing and sorting features include barcode, patch code, and blank page separation – making batch scanning a breeze for operators.
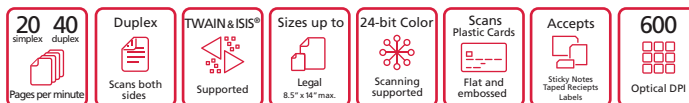
Centralized fleet management

Includes Scanner Central Admin to remotely manage your entire fi Series and SP Series fleet. Effectively allocate your resources based on scan volume, consumables wear, and more.

Network compatible image scanner
SP-1120N

Ricoh industry-leading support keeps digital transformation projects on-time and on budget

- U.S. based support
- Specialized Teams
- Flexible service programs

Industry Leading Net Promoter Score

Ricoh Document Scanners provide superior engineering at the forefront of innovation through:

- Engineering Passion and Dedication
- Human Centric Design
- Worldwide Reliability

Technical Information

Scanner Type	ADF (Automatic Document Feeder), Duplex
Scanning speed [1] (A4 Portrait) Color [2], Grayscale [2] and Monochrome [3]	Simplex: 20 ppm (200/300 dpi) Duplex: 40 ipm (200/300 dpi)
Image Sensor Type	Single line CMOS-CIS x 2 (front x 1, back x 1)
Light Source	RGB LED x 2 (front 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	Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit
Background Colors	White
Document Size Maximum Minimum Long Page Scanning [6] (Maximum)	 8.5 x 14 in. (216 x 355.6 mm) 2.0 x 2.9 in. (52 x 74 mm) 120 in. (3,048 mm)
Paper Weight (Thickness) Paper Plastic Card	 13.4 to 56 lb (50 to 209 g/m²) [7] 0.03 in. (0.76 mm) or less [8]
ADF Capacity [9], [10]	50 sheets (Letter 20 lb or A4 80 g/m²)
Expected Daily Volume [11]	3,000 sheets
Interface USB [12], [13] Ethernet	 USB 3.2 Gen 1x1 / USB 2.0 / USB 1.1 10BASE-T, 100BASE-TX, 1000BASE-T
Power requirements	AC 100 to 240 V ±10 %
Power Consumption Operating Mode Sleep Mode Auto Standby (Off) Mode	 18 W or less 2 W or less 0.3 W or less

Operating Environment Temperature Relative Humidity	 41 to 95 °F (5 to 35 °C) 20 to 80% (non-condensing)
Environmental Compliance	ENERGY STAR 3.0®, RoHS
Dimensions [14] (Width x Depth x Height)	11.7 x 5.3 x 5.2 in. (298 x 135 x 133 mm)
Weight	5.5 lb (2.5 kg)
Included in the box	AC adapter, USB cable, Setup DVD-ROM
Included Software / Drivers	PaperStream IP for SP Series (TWAIN/TWAIN x64/ISIS), WIA Driver [15], PaperStream Capture, PaperStream ClickScan, Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap [16], Scanner Central Admin, ABBYY™ FineReader Sprint™, Network Setup Tool for SP Series, SP Series Online Update
Supported operating systems	Windows® 11 [17] Windows® 10 [17] Windows Server® 2022 Windows Server® 2019 Windows Server® 2016 macOS [18] Linux (Ubuntu) [18]
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, Character thickness, Character augmentation, Character extraction
Standard Model	PN: PA03811-B005
Warranty	1 Year Depot

Service Programs & Options

Advance Exchange	SP1120N-AEMYNBD-3	3-year scanner contract shipping a replacement unit shipped overnight*
PaperStream Capture Pro	PSCP-WG-0001	PaperStream Capture Pro optional license

* Replacement units shipped overnight for all requests received by 2 P.M. PST

Consumables & Options

Roller Set	Pick Roller, Brake Roller	PA03708-0001	Every 100,000 sheets or one year
ScanAid Kit		CG01000-287201	Consumable kit with instructions and cleaning supplies

Insist on Genuine Ricoh Service to keep your scanner running at its best

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