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Ricoh Aficio SG 3100SNw/ SG 3110SFNw

Multifunction GELJET™ Printer

☑ Copier ☑ Printer ☑ Facsimile ☑ Scanner

SG 3100SNw
29 ppm monochrome and full-color

SG 3110SFNw
29 ppm monochrome and full-color

Everything looks better in color

Brilliant, high-quality color doesn't have to come at a high price. Choose the RICOH® Aficio® SG 3100SNw/ SG 3110SFNw GELJET multifunction printer and perform more tasks with incredible ease and value. This system combines the exceptional color, speed, duplexing and versatile media handling of a laser printer with the convenience and affordability of inkjet technology. Its fast-drying, waterproof viscous inks allow users to reduce full-color printing and copying costs without compromising quality. In addition, this multifunction printer offers standard wireless connectivity in a compact design for central placement to all users in home offices, workgroups, retail outlets, educational settings and large organizations.

Enhanced features, productive results

This versatile system prints up to 29 full-color or black-and-white pages per minute. Use the ID Card Copy feature to copy small, two-sided documents — including insurance cards, drivers' licenses, and more — onto one side of a sheet of paper. Print to the SG 3100SNw and SG 3110SFNw from personal mobile devices such as smartphones and tablets*. Choose the SG 3110SFNw for more robust features, including PCL 5c/6 printing support and walk-up Super G3 faxing.

*Using the Smart Device Print app.

Less space, more convenience

Ricoh engineered this lightweight system to fit seamlessly into any environment and any workflow — including wireless network connectivity — for convenient placement anywhere. With the front-access design, users can program jobs, load paper, clear misfeeds and replace print cartridges quickly and easily, whether the device is placed on a desk, in a cabinet or under a counter. It combines printing, scanning, copying and faxing in a single Windows- and Macintosh-compatible device, so users can manage more everyday tasks, including affordable color output, with ease and efficiency.

Versatile media support, seamless operation

The SG 3100SNw/SG 3110SFNw comes standard with a 250-sheet paper capacity that can be expanded to 850 sheets to minimize interruptions without increasing footprint. This system accommodates a wide range of media sizes up to 8.5" x 14" and up to 90 lb. Index in paper weight. An optional 100-sheet Multi-Bypass Tray accommodates media as heavy as 140 lb. Index for envelopes, postcards and direct mail printing, plus stocks up to 51" long for in-house full-color banner and retail signage production (simplex only).

Designed to give you more control of your environment

Intuitive administration, user-friendly controls

The SG 3100SNw/SG 3110SFNw is ideal for cost-conscious users who require affordable color output and multifunction performance for minimal investment. The angled 4-line LCD control panel offers intuitive controls and step-saving function buttons to speed workflow. Plus, administrators can use Web Image Monitor to track device status in real-time via any web browser and to receive maintenance email alerts. For added convenience, the SG 3110SFNw features a front USB 2.0 Host Interface for Scan-to-USB functionality and easy printing from PictBridge™ enabled digital cameras.

Crisp, durable high-quality output

Enjoy laser quality at the inkjet price. The SG 3100SNw/SG 3110SFNw multifunction system produces brilliant color images with up to 3600 x 1200 dpi equivalent resolution for professional-looking documents. Ricoh's proprietary GELJET viscous inks are fast drying and water resistant. The viscous ink's fast-drying properties allow for reliable two-sided prints, copies, and faxes onto plain paper. Produce eye-catching color output onto heavyweight media, including postcards, menus, coupons and more – that won't smudge or bleed even when exposed to highlighters or moisture.

Eco-friendly commitment, exceptional value

The SG 3100SNw/SG 3110SFNw provides more green for you and for the environment. With automatic duplex printing, users can print on both sides of standard paper stocks to reduce paper consumption without compromising output quality. Economy Color Mode delivers high-quality drafts for about the same cost as black-and-white output. The permanent print heads never need replacing, and users can replace high-capacity print cartridges in seconds to simplify maintenance. The SG 3100SNw and SG 3110SFNw are economical and eco-friendly solutions that generate little heat and have low power consumption. In Energy Saver mode, these MFPs generate as little as 3W for the SG 3100SNw and 4W for the SG 3110SFNw.

Ricoh Aficio SG 3100SNw/SG 3110SFNw

SYSTEM SPECIFICATIONS

Aficio®

General Specifications

Ricoh Aficio SG 3100SNw	Part # 405777
Ricoh Aficio SG 3110SFNw	Part # 405780
Configuration	Desktop Multifunction
Ink Type	Pigment-based Viscous Ink (All four colors)
Control Panel	16 characters x 4-line monochrome LCD
Print Speed	High Speed Mode*: Black & White: 29 pages-per-minute (Letter) Full-Color: 29 pages-per-minute (Letter) *300 x 150 dpi using Ricoh Original Test Chart Speed Priority Mode**: Black & White: 10.5 pages-per-minute (Letter) Full-Color: 9.0 pages-per-minute (Letter) (SG 3100SNw – RPCS) Full-Color: 8.0 pages-per-minute (Letter) (SG 3110SFNw – PCL) **600 x 300 dpi using JEITA J6 Color Chart & JEITA J1 BW Chart
First Print Speed	Black & White: 5.5 seconds or less Full-Color: 7 seconds or less
Recovery Time to Print Ready Mode	35 seconds or less (from main power switch on)
Automatic Duplexing	Standard
Automatic Document Feeder	35 sheets
Paper Sizes	Standard Paper Tray and Optional Multi-Bypass Tray: Letter (8.5" x 11"), Legal (8.5" x 14"), Half Letter (5.5" x 8.5"), Executive (7.25" x 10.5"), F (8" x 13"), Folio (8.25" x 13"), Foolscap (8.5" x 13"), A4 (210 x 297 mm), A5 (210 x 148 mm), A6 (105 x 148 mm) Envelopes: Com10, Monarch, C6, C5, DL Custom Size (Standard Tray): 3.5" x 5.5" to 8.5" x 14" (88 x 139 mm – 216 x 356 mm) Custom Size (Optional Multi-Bypass Tray): 2.1" x 5.0" to 8.5" x 51" (55 x 127 mm – 216 x 1296 mm) Optional Paper Feed Unit: Letter (8.5" x 11"), Legal (8.5" x 14"), Executive (7.25" x 10.5"), F (8" x 13"), Folio (8.5" x 13"), Foolscap (8.25" x 13"), A4 (210 x 297 mm), A5 (210 x 148 mm), A6 (105 x 148 mm) Custom Size: 4.1" x 5.8" to 8.5" x 14" (105 x 148 mm – 216 x 356 mm) When Duplexing: 5.5" x 8.5", 7.25" x 10.5", 8.5" x 11"
Paper Weight	Standard Paper Tray: 16 – 42 lb. Bond/ 90 lb. Index (60 – 163 g/m²) Optional Multi-Bypass Tray: 16 – 68 lb. Bond/140 lb. Index (60 – 256 g/m²) Optional Paper Feed Unit: 16 – 28 lb. Bond (60 – 105 g/m²)
Standard Paper Supply	250-Sheet Paper Tray
Optional Paper Supply	100-Sheet Multi-Bypass Tray 250-Sheet Paper Feed Unit (1 or 2 may be added)
Maximum Paper Capacity	850 sheets
Output Capacity	100 sheets (Face up/Face down; User Selectable via print driver menus)
Acceptable Paper Types	Standard Paper Tray: Plain Paper, Inkjet Plain Paper*, Glossy Paper*, Postcard, Inkjet Postcard, Envelope* Optional Multi-Bypass Tray: Plain Paper, Inkjet Plain Paper*, Glossy Paper*, Postcard, Inkjet Postcard, Envelope*, Thick Paper* Optional Paper Feed Units: Plain Paper, Inkjet Plain Paper*, Glossy Paper* *Simplex only
Dimensions (WxDxH)	15.7" x 17.2" x 12.9" (399 x 436.5 x 329.5 mm) (mainframe only)
Weight	33.8 lb. (15.3 kg)
Power Requirements	100-120 V, 50/60 Hz
Power Consumption	SG 3100SNw: Printing: 30.2 W; Energy Saver: 3 W SG 3110SFNw: Printing: 30.4 W; Energy Saver: 4 W ENERGY STAR version 1.2 compliant
Safety Regulations	US: UL60950-1, FCC Part 15, Subpart B/C/E Canada: CAN/CSA C22.2 No. 60950-1, IC ES-003, IC RSS-210

Print Specifications

Processor	800 MHz
Memory	SG 3100SNw: 192 MB RAM Std./Max. (Printer: 64 MB + Scanner 128 MB) SG 3110SFNw: 256 MB RAM Std./Max. (Printer: 128 MB + Scanner 128 MB)
Print Resolution	PCL 5c/6 : 300 x 150, 600 x 300, 600 x 600 dpi RPCS : 300 x 150, 600 x 300, 600 x 600, 600 x 1200, 1200 x 1200, 3600 x 1200 dpi (equivalent)
Fonts	13 International, 45 PCL (SG 3110SFNw only)
Printer Languages/Driver	SG 3100SNw: RPCS Raster SG 3110SFNw: RPCS Raster, PCL 5c, PCL 6, PictBridge
Standard Interfaces	High-Speed USB 2.0 Type B, 10/100Base-TX Ethernet, IEEE 802.11 b/g/n Wireless LAN
Network Protocols	TCP/IP (IPv4, IPv6)
Supported Environments	Windows XP, Vista, Server 2003, Server 2008, 7 Mac OS X v.10.5+ Citrix Presentation Server 4.0+; XenApp 5.0+ Novell NetWare via 3rd party gateway
Software Utilities	Status Monitor Web Image Monitor SmartDeviceMonitor SmartDeviceMonitor for Admin Accounting Report Package @Remote (limited support) DeskTopBinder Lite TWAIN Scanner Driver LAN Fax Driver (SG 3110SFNw)

Copier Specifications

Maximum Copy Speed	29 copies-per-minute in B&W and Color
First Copy Speed	18 seconds or less
Multiple Copies	Up to 99
Copy Resolution	300 x 300 dpi (default), 600 x 600 dpi
Zoom	25% - 400% in 1% increments
Preset Reduction	65%, 78%, 93%
Preset Enlargement	129%, 155%, 400%
Image Density Adjustment	Automatic and Manual (5 levels)
Original Type Selection	Text, Photo, Text & Photo
Copier Features	Combine Copy (2-in-1, 2-in-1 two-sided), Color Settings (Color Balance, Sharper/ Softer, Contrast – 5 level scales), Eject Paper (face up or face down), Auto Reduce/Enlarge, Auto Tray Switching, Duplex Copy, ID Card Copy, Memory Copy, Poster Mode (RPCS only)

Scanner Specifications

Processor	258 MHz
Scanner Type	Full-color & Grayscale
Optical Scan Resolution	Up to 600 x 600 dpi maximum
TWAIN Resolutions	100/150/200/300/400/600/1200 dpi
Scan-to Functions	Scan-to-Email, Scan-to-Folder (FTP/SMB), Scan-to-USB (SG 3110SFNw only)
Scan-to Resolutions	150 dpi, 300 dpi, 600 dpi* *Monochrome only
Supported File Formats	TIFF, JPEG, PDF
Address Book Capacity	Up to 150 scan destinations (shared with Fax on SG 3110SFNw)
Maximum Original Size	Platen: 8.5" x 11.7" ADF: 8.5" x 14"

Facsimile Specifications (SG 3110SFNw only)

Compatibility	Super G3
Modem Speed	33.6 Kbps with Auto Fallback to 2,400 bps
Compression Types	MH, MR, MMR
Original Size	5.5" x 5.5" to 8.5" x 14"
Fax Scan Resolutions	200 x 100 dpi (standard), 200 x 200 dpi (detail), 200 x 400 dpi (fine)
Fax Print Resolution	600 x 600 dpi
One-Touch Dials	20 locations
Speed Dials	90
Broadcasting	Up to 100 numbers
Address Book Capacity	Up to 150 fax numbers (shared with Scanner on SG 3110SFNw)
Fax Features	Auto Answer (user adjustable between 1 – 16 rings), Auto Redial, Delayed Send, Immediate Transmission, Internet Fax (T.37 Simple Mode), LAN Fax (150-entry Address Book), Memory Transmission, On Hook Dial

Hardware Options

Multi-Bypass Tray Type BY1040	**Part # 405759**
Capacity	100 sheets
Acceptable Paper Size	2.1" x 5.0" – 8.5" x 51" (55 x 127 to 216 x 1296 mm), Envelopes
Acceptable Paper Weight	16 – 68 lb. Bond/140 lb. Index (60 – 256 g/m²)
Dimensions (WxDxH)	14.8" x 9.2" x 9.0" (376 x 234 x 230 mm)
Weight	5 lb. (2.3 kg)
Paper Feed Unit Type TK1160	**Part # 405760**
Capacity	250 sheets (1 or 2 may be added)
Acceptable Paper Size	4.1" x 5.8" – 8.5" x 14" (105 x 148 – 216 x 356 mm)
Acceptable Paper Weight	16 – 28 lb. Bond (60 – 105 g/m²)
Dimensions (WxDxH)	15.7" x 14.1" x 3.5" (399 x 360 x 90 mm)
Weight	11 lb. (5 kg)
USB 2.0 A/B Cable*	**Part # 004051MIU**
Length	6 feet

*USB 2.0 cable is not included with main unit and must be purchased separately.

Consumables & Yields

Consumables	Part #	Yield
Regular Yield Black Print Cartridge	Part # 405761	2,500 prints*
Regular Yield Cyan Print Cartridge	Part # 405762	2,200 prints*
Regular Yield Magenta Print Cartridge	Part # 405763	2,200 prints*
Regular Yield Yellow Print Cartridge	Part # 405764	2,200 prints*
Waste Ink Collector Unit	Part # 405783	27,000 prints*

*Declared yield values in accordance with ISO/IEC 24712.
Actual yields may vary based on types of images printed and other factors.

For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

Specifications subject to change without notice.

Advanced Exchange Warranty
The Ricoh Aficio SG 3100SNw and SG 3110SFNw Multifunction GelJet Printers are under warranty against defects for a period of one year from the date of purchase. Consumables are under warranty for a period of 90 days from the date of purchase or until depleted, whichever comes first. Please refer to warranty documents shipped with the product for more details.

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