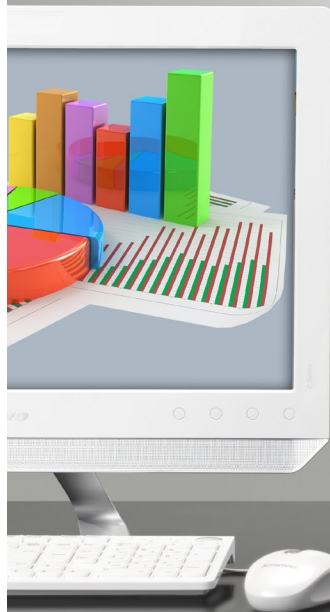


RICOH
imagine. change.

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 JETRA J6 Color Chart & JETRA 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 (8.25" 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/m) Optional Multi-Bypass Tray: 16 – 68 lb. Bond/140 lb. Index (60 – 256 g/m) Optional Paper Feed Unit: 16 – 28 lb. Bond (60 – 105 g/m) |
| 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 US: UL60950-1, FCC Part 15, Subpart B/C/E Canada: CAN/CSA C22.2 No. 60950-1, IC ES-003, IC RSS-210 |
| Safety Regulations | |
| 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 Status Monitor Web Image Monitor SmartDeviceMonitor SmartDeviceMonitor for Admin Accounting Report Package @Remote (limited support) DeskTopBinder Lite TWIN Scanner Driver LAN Fax Driver (SG 3110SFNw) |
| Software Utilities | |

Copier Specifications

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|--------------------------|---|
| 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

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|-------------------------|---|
| 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

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|-------------------------|---|
| Multi-Bypass Tray | Part # 405759 |
| Type BY1040 | |
| 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/m) |
| 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 | Part # 405760 |
| Type TK1160 | |
| 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/m) |
| 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 | Part # 405761 | 2,500 prints* |
| Print Cartridge | | |
| Regular Yield Cyan | Part # 405762 | 2,200 prints* |
| Print Cartridge | | |
| Regular Yield Magenta | Part # 405763 | 2,200 prints* |
| Print Cartridge | | |
| Regular Yield Yellow | Part # 405764 | 2,200 prints* |
| Print Cartridge | | |
| 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 GeJet 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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