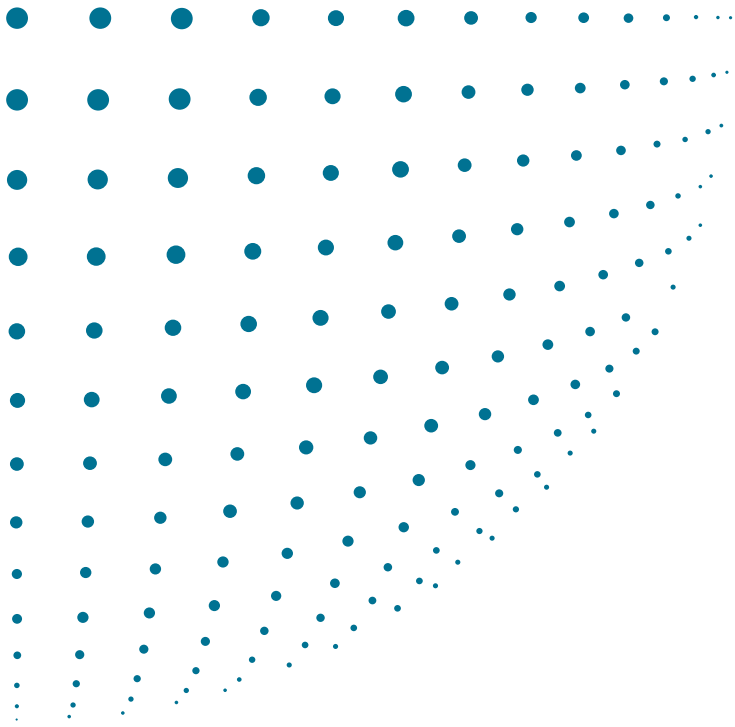


Productive colour printers for daily office use



# Low cost, high quality

It is a known fact: colour prints have a greater impact than monochrome documents. Ricoh's Aficio™SP C311N/SP C312DN prove that this added value can come at an attractive cost per page. Fast warm-up times, impressive print speeds and high-quality images characterise them. Give your internal documents an edge with the SP C311N/SP C312DN's advanced print features. These user-friendly systems have what it takes to answer the needs of your colour document workflow.

- 25 prints per minute.
- Excellent colour and image quality.
- Low cost per page.
- Convenient all-in-one cartridges.
- Small footprint.



## Compact and powerful



### PRODUCTIVITY

The SP C311N/SP C312DN produce your documents in no time. They need less than 30 seconds to warm up. The first colour or monochrome print is delivered in a mere 13.5 seconds. Continuous print speed is 25 pages per minute in both B/W and full colour.



### USER-FRIENDLY OPERATION

Like all Ricoh products, the SP C311N/SP C312DN are straightforward in use. Easily replaceable parts ensure quick and simple maintenance. The convenient all-in-one cartridges allow you to replace drum and toner in one go. With the full-front operational paper pass, any jammed paper is removed in the blink of an eye.



### IMAGE QUALITY

Impress with superior colour documents. The SP C311N/SP C312DN produce vibrant colours and their maximum print resolution is an excellent 600 dpi. You can even run a special matching system that simulates offset colours.



## PRODUCE DOCUMENTS IN-HOUSE

- Enjoy the same high-quality colours for every document with colour registration.
- Feed your document's front cover from a specified tray.
- Control printing on preprinted paper with Letterhead Mode.

## YOUR BENEFIT: LOW TOTAL COST OF OWNERSHIP

- Competitive machine price.
- Low cost per page.
- Standard duplexing (SP C312DN only).



## WE THINK GREEN, DO YOU?

Ricoh devices boost the cost-efficiency of your print workflow while respecting the environment. Short warm-up times result in frequent use of the energy saver mode. Combine this low energy cost with the SP C312DN's paper-saving duplex capability. What is good for nature is also good for you.

# Aficio™ SP C311N/SP C312DN

## GENERAL

|                         |  |
|-------------------------|--|
| Technology:             | Laser beam scanning & electro-photographic printing            |
| Continuous print speed: | Full colour: 25 prints per minute<br>B/W: 25 prints per minute |
| Resolution:             | 600 dpi  |
| Warm-up time:           | Less than 30 seconds   |
| First print speed:      | 13.5 seconds   |
| Dimensions (W x D x H): | 400 x 480 x 387 mm   |
| Weight:                 | Less than 28 kg  |
| Power source:           | 220 - 240 V, 50 - 60 Hz  |
| Power consumption:      | Maximum: Less than 1.3 kW<br>Energy saver mode: Less than 15 W |
| Duty cycle:             | 50,000 pages per month   |

## CONTROLLER

|                              |  |
|------------------------------|--|
| CPU:                         | 400 MHz  |
| Printer language/resolution: | PCL5c, PCL6, PostScript® 3™ <sup>1</sup> :<br>600 x 600 dpi (Speed Mode),<br>1,200 x 600 dpi equivalent (Standard Mode),<br>2,400 x 600 dpi equivalent (Fine Mode) |
| Memory:                      | Standard: 128 MB<br>Maximum: 640 MB  |
| Drivers:                     | PCL5c, PCL6, PostScript® 3™ <sup>1</sup>   |
| Fonts:                       | PCL, PostScript® 3™ <sup>1</sup> : HP80 fonts  |

## CONNECTIVITY

|                         |   |
|-------------------------|---|
| Network protocol:       | TCP/IP, AppleTalk, IPX/SPX  |
| Supported environments: | Windows® 2000/XP/Vista/Server 2003/Server 2008<br>Citrix Presentation Server 4.0/4.5<br>Macintosh OS X v10.2.8 - 10.5 (native mode)<br>Novell® Netware® v4.x or later |
| Interface:              | USB 2.0<br>10 base-T/100 base-T Ethernet<br>PictBridge (SP C312DN only)   |

## SOFTWARE SOLUTIONS

DeskTopBinder Lite, FontManager

## PAPER HANDLING

|                        |  |
|------------------------|--|
| Paper input capacity:  | Standard: 1 x 500-sheet paper tray<br>100-sheet bypass tray<br>Maximum: 1,100 sheets   |
| Paper output capacity: | Standard: 150 sheets (80 g/m <sup>2</sup> )  |
| Paper size:            | Paper trays: A5 - A4<br>Bypass tray: A6 - A4<br>Optional paper tray: A4  |
| Paper weight:          | Paper trays: 60 - 105 g/m <sup>2</sup><br>Bypass tray: 60 - 200 g/m <sup>2</sup><br>Optional paper tray: 60 - 105 g/m <sup>2</sup>   |
| Media:                 | Standard/optional paper trays: Plain paper,<br>recycled paper, pre-punched paper<br>Bypass tray: Plain paper, recycled paper,<br>application paper, envelopes, glossy paper,<br>thick paper, label paper |

## CONSUMABLES

|                     |  |
|---------------------|--|
| Toner:              | C, M, Y: 6,000 (long yield) - 2,500 (short yield) pages*<br>K: 6,500 (long yield) - 2,500 (short yield) pages* |
| Maintenance kit:    | 90,000 prints per bottle   |
| Transfer belt unit: | 90,000 prints per bottle   |
| Waste toner bottle: | 55,000 prints per bottle   |

The Aficio™SP C311N/SP C312DN ship with a 2,500-sheet starter kit.  
\* IEC24712 declared chart, ISO/IEC 19798 colour measurement.

## OTHER OPTIONS

Internal options: 256 MB memory  
External options: 1 x 500-sheet paper tray

<sup>1</sup> The SP C311N/SP C312DN do not run genuine PostScript® but an emulation.

For availability of models, optional apparatus and software, please consult your local Ricoh supplier.

# RICOH

[www.ricoh.eu](http://www.ricoh.eu)

For more information, please contact

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