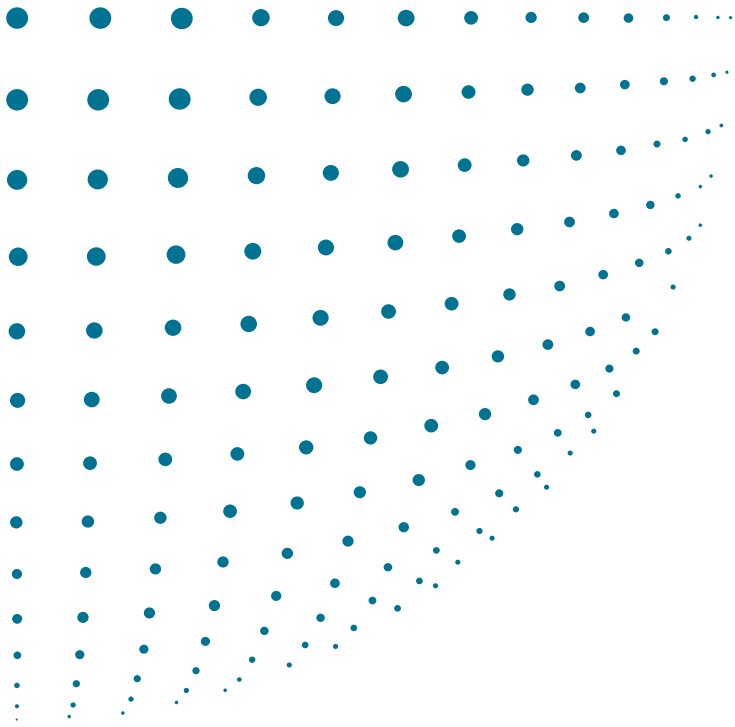


Productive colour printers for daily office use



# 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 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 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> : 600 x 600 dpi (Speed Mode), 1,200 x 600 dpi equivalent (Standard Mode), 2,400 x 600 dpi equivalent (Fine Mode)
Memory:	Standard: 128 MB 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 Citrix Presentation Server 4.0/4.5 Macintosh OS X v10.2.8 - 10.5 (native mode) Novell® Netware® v4.x or later
Interface:	USB 2.0 10 base-T/100 base-T Ethernet PictBridge (SP C312DN only)

## PAPER HANDLING

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

## CONSUMABLES

Toner:	C, M, Y: 6,000 (long yield) - 2,500 (short yield) pages* 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.



ISO9001: 2000 certified ISO14001 certified

All brand and/or product names are trademarks of their respective owners. Specifications and external appearance are subject to change without notice. The colour of the actual product may vary from the colour shown in the brochure. The images in this brochure are not real photographs and slight differences in detail might appear.

Copyright © 2009 Ricoh Europe PLC.

All rights reserved. This brochure, its contents and/or layout may not be modified and/or adapted, copied in part or in whole and/or incorporated into other works without the prior written permission of Ricoh Europe PLC.

# RICOH

[www.ricoh-europe.com](http://www.ricoh-europe.com)

For more information, please contact

