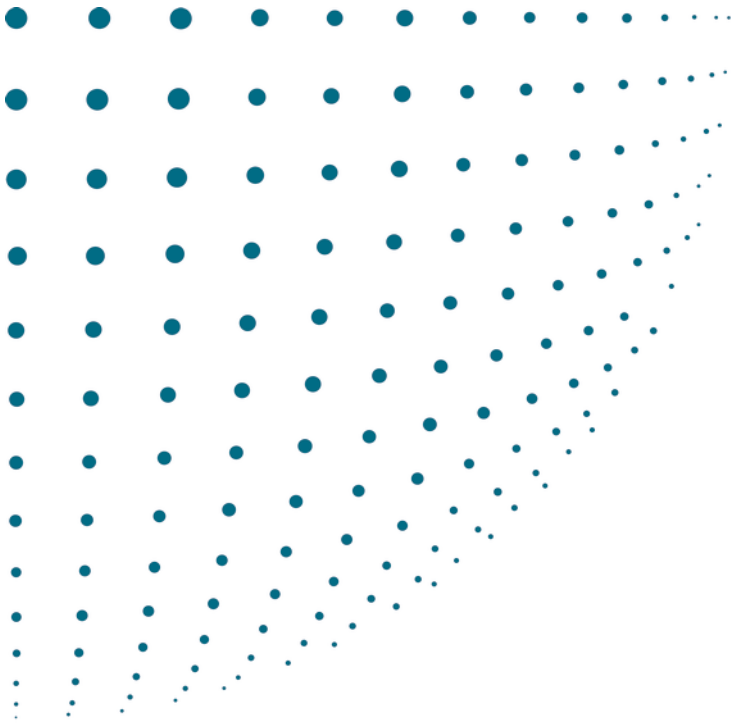
RICOH

Cost-effective and secure



Aficio™ SP C430DN/SP C431DN

The best choice for low cost secure printing

The Aficio™SP C430DN/SP C431DN provide an excellent solution for cost-efficient colour printing. With printing costs amounting to a significant percentage of your company's turnover, a low cost per print is simply essential. In addition, your confidential documents require protection. The SP C431DN supplies security features such as Enhanced Locked Print NX as standard. High quality, fast printing at up to 40 colour pages per minute (SP C431DN), along with a 50-second warm-up time, optimise office productivity.

- Low Total Cost of Ownership: low cost per print and high duty cycle.
- Document protection: Enhanced Locked Print NX is standard (SP C431DN).
- Productive: up to 40 colour or B/W pages per minute (SP C431DN).
- User-friendly: easy-to-use operation panel.
- Flexible printing: wide range of media possibilities.

Productivity and performance

LOW TOTAL COST OF OWNERSHIP

A number of features contribute to a low Total Cost of Ownership. Affordable in-house document creation means there is no need for outsourcing. A high duty cycle results in minimal maintenance. Long yield of consumables leads to a low cost per print. And built-in duplexing reduces paper consumption.

DOCUMENT PROTECTION

The SP C431DN offers extensive security features as standard. Protect confidential and proprietary information with Enhanced Locked Print NX. Your document will not print until you enter your ID and password on the printer. For organisation-wide document protection, network administrators can even set this as the default.

HIGH PRODUCTIVITY

The Aficio™SP C430DN/SP C431DN are fast, efficient and productive. After a warm-up time of 50 seconds, the first B/W print is ready in 10 seconds; the first colour page in 15 seconds. The SP C430DN prints 35 colour and B/W pages per minute; the SP C431DN is even faster, printing 40 colour and B/W pages per minute. What's more, there is no reduction in print speed in duplex mode. For efficient networking, a Network Interface Card is provided as standard.

EASY OPERATION AND MAINTENANCE

Operation of both devices is straightforward via an intuitive 4-line LCD operation panel which clearly displays all functions. Toner and paper replacement are simple tasks as the devices are accessible from top and front. Animated procedures help you troubleshoot in seconds.

FLEXIBLE MEDIA HANDLING

Looking for an affordable colour printer product that can handle many different media types? With the SP C430DN/SP C431DN you can print covers and flyers on heavy paper up to 256 g/m². Or print on your preferred envelopes, labels, card stock and transparencies. Output quality is an excellent 1,200 x 1,200 dpi. Paper capacity is an outstanding 2,300 sheets when the three additional paper trays are installed.

EASILY ACCESSIBLE

Front/top accessibility means these devices can be located against a wall or even in a corner. No parts stick out and get in the way. The front-loading paper tray slides back underneath the machine so you will never accidentally knock or damage it.

ENVIRONMENTALLY FRIENDLY

At Ricoh we help you lower the environmental impact of your office as well as lowering your Total Cost of Ownership. The SP C430DN/SP C431DN have eco-friendly and money-saving features such as low power consumption, fast duplex printing, ultra-low sleep mode, short warm-up time and increased toner yield. Thus they save paper, time and energy while reducing waste and costs. In addition, Ricoh products are Energy Star compliant. This means less CO2 is produced in providing the energy needed to run Ricoh devices.

Aficio™ SP C430DN/SP C431DN

GENERAL

Technology:	4 drums tandem method, laser beam scanning, electro photographic printing and dual component toner development
Print speed:	Full colour: 35/40 prints per minute B/W: 35/40 prints per minute
Warm-up time:	Less than 50 seconds
First print speed:	Full colour: Less than 15 seconds B/W: Less than 10 seconds
Dimensions (W x D x H):	444 x 658 x 490 mm
Weight:	57 kg
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	Maximum: 1,510 W Energy saver mode: Less than 6 W
Duty cycle:	150,000 pages per month

CONTROLLER

Processor:	600MHz
Printer language:	Standard: PCL5c, PCL6, PostScript 3, PDF, XPS Option: PictBridge
Resolution:	600 dpi (1-bit)/600 dpi (2-bit)/1,200 dpi
Memory:	Standard: 384/768 MB Maximum: 768 MB Hard Disk Drive: 80 GB (standard for SP C431DN)
Drivers:	PCL5c/PCL6: Windows® 2000/XP/Vista/ Server 2003/2003R2/Server 2008 PostScript 3: Windows® 2000/XP/Vista/ Server 2003/2003R2/Server 2008, Macintosh 8.6 – 9.2.x (OS X Classic), Macintosh X v10.1/10.2/10.3 or later (native mode), UNIX
Fonts:	PCL: 45 fonts + 13 fonts (International Fonts) PostScript 3: 136 fonts

CONNECTIVITY

Network protocol:	TCP/IP (IPv4, IPv6), AppleTalk, IPX/SPX
Supported environments:	Windows® 2000/XP/Vista/Server 2003/2008 (32 bit, 64 bit) Novell® NetWare® 6.5 or later Macintosh 8.6 or later
Interface:	Standard: Ethernet 10 base-T/100 base-TX, USB 2.0 (Type A & B), Option: Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g), Gigabit Ethernet
Additional feature:	PDF Direct Print

PAPER HANDLING

Paper input capacity:	Standard: 1 x 550-sheet paper tray 100-sheet bypass tray Maximum: 2,300 sheets
Paper output capacity:	Standard: 500 sheets
Paper size:	Paper trays: A6 - A4 Bypass tray: A6 - A4
Paper weight:	Paper trays: 52-220 g/m² Bypass tray: 52-256 g/m² Duplex tray: 60-163 g/m²
Media:	Plain paper, recycled paper, middle thick paper, thick paper, thin paper, transparencies, letterheads, labels, coated paper, waterproof paper, pre-printed paper, envelopes

CONSUMABLES

Toner[1] :	Black: 21,000 sheets C, M, Y: 24,000 sheets

OTHER OPTIONS

Internal options:	Wireless LAN (IEEE 802.11a/b/g) Camera Direct Print Card HDD Encryption Data Overwrite Security Unit Bi-directional IEEE 1284 Gigabit Ethernet NetWare HDD[3] 256 MB Memory[3] 512 MB Memory[3] VM Card[3]
External options:	550-sheet paper tray (max. 3) Caster table Low cabinet High cabinet

[1] The SP C430DN/SP C431DN ships with a starter kit.

[2] Declared yield value in accordance with ISO/IEC 19798.

[3] Optional for SP C430DN only.

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

ISO9001 certified, ISO14001 certified

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