RICOH SP C435DN

SYSTEM SPECIFICATIONS

Color Laser Printer

RICOH
SP C435DN

☑ Printer

Engine Specifications

Configuration	: Desktop
Technology	: Laser
Printing Process	: Electro-photographic printing
Control Panel	: 4-line LCD
Print Resolution	: 300 x 300 dpi/ 600 x 600 dpi/ 1200 x1200 dpi
B&W Print Speed (A4)	: 35 Pages per minute
Color Print Speed (A4)	: 35 Pages per minute
Maximum Monthly Volume	: 10,000 prints
Maximum Monthly Duty Cycle	: 80,000 prints
First Page Output	: Full color: Less than 15 Seconds B/W: Less than 10 Seconds
Warm-Up Time	: 50 seconds or less
Standard Paper Capacity	: 650 sheets (550-sheet Tray + 100-sheet Bypass Tray)
Maximum Paper Capacity	: 2,300 sheets
Standard Output Capacity	: Up to 500 sheets, face down
Supported Paper Sizes	: Standard Tray : A3, A4, A5, B4, B5, B6, Letter Size, Legal size
	Optional Tray : A3, A4, A5, B4, B5, B6, Letter Size, Legal size
	Bypass Tray : A3, A4, A5, B4, B5, B6, Letter Size, Legal size
Supported Paper Weights	: All Trays: 52 – 220 gsm Bypass: 52 – 256 gsm Duplex: 56 – 162 gsm
Supported Paper Types	: All Trays: 52 – 220 gsm Bypass: 52 – 256 gsm Duplex: 56 – 162 gsm
Duplexing	: Automatic (Standard)
Dimensions (WxDxH)	: 444 mm x 658 mm x 490 mm
Weight	: 57Kg
Power Consumption (Operating)	: 1,650 W or less
Power Consumption (Sleep Mode)	: 1W or less
Typical Electricity Consumption (TEC)	: 5.0 KWh or less
Power Requirements	: 220 – 240 V, 50/60 Hz
Recovery from Sleep Mode	: 5.0 seconds or less
Energy Star	: Certified

Controller Specifications

Processor Speed	: 533 MHz
Memory (Standard/Maximum)	: 1 GB RAM
Hard Disk Drive	: 320 GB (Optional)
Connection Type	: 10/100/1000Base-TX Ethernet (RJ45) Gigabit Network Interface USB 2.0 High Speed Type B (for direct computer connection) Dual USB 2.0 Host Type A (for external device connection) Dual SD Card Slots (for expanded functions/device customization)
Optional Interfaces	: USB Device Server IEEE 802.11a/b/g/n Wireless LAN IEEE 1284/ECP Parallel Interface NIC2 Port
Printer Languages	: PCL6/5e Adobe PostScript 3 PDF Optional: IPDS*, XPS, PictBridge
Font Support	: PCL5: 45 fonts + 13 International fonts PCL6: 45 fonts Postscript 3: 136 fonts IPDS: 108 fonts (optional)
Network Protocols	: TCP/IP (IPv4/IPv6)
Supported Operating Systems	: Windows® Vista/7/8/8.1/ Server2003/ Server2008/ Server2008 R2/ Server2012/ Server2012 R2 CPS/XenApp *PCL Mac OS (X10.7 or later) *PS only
Device Management Utilities	: Web Image Monitor, @Remote, Device Manager NX series, Printer Driver Packager NX
Mobile Print	: Ricoh Smart Device Print&Scan App
Other Print Features	: Reduce/Enlarge, Collate, Layout (N-up), Toner Saving, Watermark, Rotate Print, Support for Universal Driver, Sample Print, Hold Print, Store and Print, Media Direct Print (print from USB/SD), Banner Page Print, Poster Print, Wi-Fi Protected Support (WPS), External USB Keyboard Support, Import/Export of Preference Settings

*Hard disk drive may be required.

Controller Option

- USB Device Server Option
- 320 GB Hard Disk Drive
- IEEE 802.11 Interface Unit
- IEEE 1284 Interface Board
- VM Card
- XPS Direct Print Option
- Font SD Card
- PictBridge
- IPDS Option (108 Fonts)

Hardware Options

- Paper Feed Unit PB1020 500 Sheets Paper Capacity
- Caster Table

Consumables and Yields

Toner:	B&W: Approx 11,000 Pages*
	Color: Approx 13,000 Pages*

*Declared yield values in accordance with ISO/IEC 19798

Actual yields may vary based on types of images printed and other factors

The RICOH SP C435DN ships with starter toner that yields 3,000 pages (ISO/IEC 19798)

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

Specifications subject to change without notice

SP C435DN

35 ppm | monochrome and full-color

URL: http://www.ricoh.co.in

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ENERGY STAR | Adobe® PostScript® 3™ | RPCS | RICOH @Remote

Adobe PDF | Bluetooth® | Embedded Software Architecture™

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High-performance printing for your budget conscious office

Each project is as unique as your audience. Whether it's a bright and flashy postcard, a full-color brochure, a large banner or even a compelling letter enclosed in a personalized envelope, you can now have it printed with our RICOH® SP C435DN color laser printer. The SP C435DN will help you print a wider range of high-quality documents in-house so that you can share and distribute the information quickly and easily. The SP C435DN produces impressive output quality and flexible media options to make every project stand out from the crowd. In doing so, our Ricoh printer come with an incredibly low investment and affordable per page costs.

Take on more jobs and eliminate delays

When you want to guarantee that printed information reaches your audience on time, there's only one option — use the RICOH SP C435DN. Eliminate outsourcing costs and reduce delays from running different jobs on multiple printers. The SP C435DN allows you to choose from a wider range of media options — including thicker media stocks up to 256 g/m², plain paper up to 8.5" x 14" and basic banners up to 1.2 meter long — to reach your audience with the information, and cater to your business need. It comes with an easy-to-use 4-line LCD control panel, you can easily check settings, monitor supplies and perform other key tasks in moments and transition from one job to the next with speed and convenience.
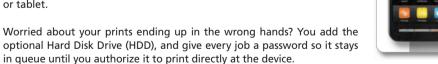
Move information quickly

The RICOH SP C435DN first-print speeds of only 10 seconds, you won't have to wait long to get started. It produce up to 35 pages per minute — in both color and black-and-white, you can now complete your largest jobs with ease and quickly transition to the next one with the our five media trays capable of holding up to 2,300 sheets, which cater for different type of paper and be more productive with fewer reloads. Your entire workgroup can send complex files or even multiple jobs to the device simultaneously.

Stay productive on the run

The RICOH SP C435DN can be connected to your mobile device, where you can print from there too. Download the RICOH Smart Device Print&Scan app and print whenever and wherever you want, without wasting time walking back to your desk. Whether you're printing a full-color brochure, a financial spreadsheet or even a web page, you can access all relevant print settings and preview every document directly from your smartphone or tablet.

Worried about your prints ending up in the wrong hands? You add the optional Hard Disk Drive (HDD), and give every job a password so it stays in queue until you authorize it to print directly at the device.

Use one printer for all of your everyday print needs

Prepare to make printing more affordable

The RICOH SP C435DN can help you reduce the operating costs as well as your environmental footprint. You can now store all the pre-printed forms and frequently used documents on the optional 320 GB HDD and print them on-demand when printing multiple-page documents, take advantage of default duplex printing and cut your paper costs in half. The SP C435DN equipped with the Ricoh ECO-Night Sensor that will help you to shut down the device automatically when the printer is not in use. When you're producing draft color presentations or documents, you can use Economy Color mode to reduce image density and mitigate print costs without compromising text legibility.

*Ricoh SP C435DN is ENERGY STAR® 2.0 certified.

Make a lasting impression

The RICOH SP C435DN produce brilliant, professional-looking prints at up to 1200 x 1200 dpi resolution with exceptional clarity between colors and crisp, clean lines between text. Take advantage of a wide range of tools, including customized color palettes developed by PANTONE®, to create more accurate reproductions. The CMYK colors were developed specifically for the printer toproduce accurately matched reproductions that will impress both you and your audience.

Secure more responsible print behaviors

The RICOH SP C435DN comes with security features that ensure only intended recipients can access. The user authentication, only authorized users can print documents at the device. Take advantage of up to 1,000 user codes to monitor users and output throughout your organization. Set volume limits or restrict certain print tasks, such as color printing, to curb expensive, unnecessary printing. You can also restrict certain IP addresses from connecting with the printer. When sending a job to the printer, help protect it with SSL/TLS encryption. In addition, you can take advantage of DataOverwriteSecurity System (DOSS) to overwrite all latent images and stored data on the hard disk drive to ensure confidentiality.

Manage every workflow from one everyday printer

With just a single printer, the RICOH SP C435DN allows you to serve users on two different networks. Take advantage of dual interface ports to link to a secondary network, such as a guest network, while preventing visitors access to your corporate network. For example, you can have guests use the secondary network without compromising workflows or information on your primary closed network. It's also ideal for organizations with multiple internal networks serving different business groups that have unique workflows or the need to protect confidential information.