

Color Laser Printer

RICOH SP C435DN

Printer Copier Facsimile Scanner



RICOH
imagine. change.

SP C435DN

37
ppm
monochrome
and full-color

Get high-performance printing for your budget-conscious office

You're busy with several projects in queue — and a lot of people are waiting for them. 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 don't have to waste time running between multiple printers to produce them. The RICOH® SP C435DN will help your workgroup or small office print a wider range of high-quality documents in-house so that you can share them with coworkers and decision makers quickly and easily. Take advantage of impressive output quality and flexible media options to make every project stand out from the crowd. In doing so, you'll notice something else — an incredibly low investment for the SP C435DN and affordable per page costs.

Take on more jobs with fewer delays

When you want to guarantee that printed information reaches your audience on time, there's only one option — use the SP C435DN to do it yourself. Eliminate outsourcing costs and reduce delays from running different jobs on multiple printers. Choose from a wider range of media options — including thicker media stocks up to 140 lb. Index (256 g/m²), plain paper up to 8.5" x 14" and basic banners up to 49" long — to reach your audience with the information it needs in the format it prefers. With the 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

Somebody has an important decision to make. You have information that could help them make it — but only if it gets there in time. With first-print speeds of only 10 seconds, you won't have to wait long to get started. Produce up to 37 pages per minute — in both color and black-and-white — to complete even your largest jobs with ease and then quickly transition to the next one. With up to five media trays capable of holding up to 2,300 sheets, you can load multiple paper types and be more productive with fewer reloads. Your entire workgroup can send complex files or even multiple jobs to the device simultaneously. The SP C435DN will churn through them thanks to its powerful processor and standard 1 GB of RAM.



Stay productive on the run

With your mobile device, you can work from anywhere. Now, 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? When you add the optional Hard Disk Drive (HDD), you can 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

Use what you know about your office to streamline workflows and reduce operating costs as well as your environmental footprint. Instead of wasting office space with pre-printed forms that can't be edited, store frequently used documents on the optional 320 GB HDD and print them on-demand directly from the SP C435DN. When printing multiple-page documents, take advantage of default duplex printing and cut your paper costs in half. When you know the office will be empty overnight, set the ECO-Night Sensor to shut down the device automatically. When you're producing draft color presentations or documents, use Economy Color mode to reduce image density and mitigate print costs without compromising text legibility. You can take advantage of other cost savings automatically. The device is ENERGY STAR® certified and meets EPEAT® Gold* criteria, so you can make a big impact using less energy and resources.

*EPEAT Gold rating is applicable only in the USA.



Make a lasting impression

You want your audience to feel compelled to act on your message. But you have to get them to notice it first. With the SP C435DN, you can 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 to produce accurately matched reproductions sure to impress both you and your audience.



Secure more responsible print behaviors

It's not as easy to differentiate yourself when everybody else has the same information that you do. Added security features help ensure that only intended recipients can access your most critical information. With 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. Plus, you can take advantage of DataOverwriteSecurity System (DOSS) to overwrite all latent images and stored data on the hard disk drive.



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.



RICOH SP C435DN

SYSTEM SPECIFICATIONS

Engine Specifications

RICOH SP C435DN	Part # 407997
Configuration	Desktop
Technology	Color/B&W Laser
Printing Process	Electro-photographic printing
Toner Type	Dry, single component
Color Print Speed (Letter)	37 ppm
B&W Print Speed (Letter)	37 ppm
Maximum Monthly Volume	10,000 prints
Maximum Monthly Duty Cycle	80,000 prints
First Page Out Time	B&W: 10 sec or less, Full-Color: 15 sec or less
Warm-up Time	46 seconds
Recovery from Sleep Mode	46 seconds
Print Resolution	Up to 1200 x 1200 dpi
Standard Paper Capacity	1 x 550-Sheet Tray + 100-Sheet Bypass Tray
Maximum Paper Capacity	2,300 sheets
Standard Output Capacity	500 sheets (LT)
Supported Paper Sizes	Paper Trays: 3.9" x 5.9" - 8.5" x 14.0" Bypass Tray: 2.8" x 5.0" - 8.5" x 49.6"
Supported Paper Weights	Standard and Optional Trays: 14-59 lb. Bond/120 lb. Index (52-220 g/m ²) Bypass Tray: 14-69 lb. Bond/140 lb. Index (52-256 g/m ²) Duplex: 16-44 lb. Bond/90 lb. Index (60-163 g/m ²)
Supported Paper Types	Plain, Recycled, Thin, Thick, OHP (Transparency), Letterhead, Preprinted, Label, Glossy, Coated and Envelopes
Duplexing	Automatic (standard)
Dimensions (WxDxH)	17.48" x 25.91" x 19.29" (444 x 658 x 490 mm)
Weight	126 lbs. (57 kg)
Power Consumption (Operating)	B&W: 725 W Color: 770 W
Power Consumption (Sleep Mode)	0.53 W
Typical Electricity Consumption (TEC)	3.49 kWh/week
Power Requirements	120 V, 60 Hz, 12A
ENERGY STAR 2.0	Certified
EPEAT	Gold Rated

Controller Specifications

Processor Speed	533 MHz
Memory	1 GB RAM
Hard Disk Drive	320 GB (optional)
Maximum Stored Documents	950 files (HDD required)

Maximum Stored Pages	9,000 pages (HDD required)
Connection Type	Standard: Gigabit Ethernet (1000/100/10BASE-T), USB 2.0 Type B, USB 2.0 Type A, SD Card Slot (2 ports) Optional: IEEE802.11a/b/g/n, IEEE1284, NIC2 Port
Printer Languages	Standard: PCL6/5c, Adobe® PostScript®3*, PDF Direct Optional: IPDS*, PictBridge®
Font Support	PCL6: 45 fonts + 13 International fonts PostScript3/PDF: 136 fonts IPDS: 108 fonts (optional)
Network Protocols Supported Operating Systems	TCP/IP (IPv4, IPv6) Windows® Vista/7/8/8.1/10/Server2003/Server 2003R2/Server 2008/Server 2008R2/Server 2012/Server 2012 R2, CPS/XenApp PCL/PS only; Mac OS X (10.7 - 10.11) PS only; UNIX Sun Solaris 9/10, HP-UX 11.x, 11i v2, 11i v3, Red Hat Linux Enterprise V4/V5/V6, SCO OpenServer 5.0.7/6.0, IBM AIX V5L/V5.3/V6.1/V7.1; S/390 R/3
Device Management Utilities	Web Image Monitor, @Remote Embedded, @Remote Office Appliance, @Remote Enterprise Pro On-Site, Device Manager NX

*Hard disk drive may be required.

Controller Options

Hard Disk Drive Option Type P7	Part # MX407776RA
IPDS Unit Type P7*	Part # 407777
VM Card Type P7	Part # 407784
IEEE802.11a/b/g/n Interface Unit Type O	Part # 407113
IEEE 1284 Interface Board Type A	Part # 411699
USB Device Server Option Type M12	Part # 417084

*Available in April 2016

Security Features

Windows Authentication, LDAP Authentication, Basic and User Code Authentication*, User Lockout, Auto Logout, Menu Protect, Data Encryption (Address Book/User Authentication Information/Job Logs/Temporary Stored Document/Network Interface Settings/System Settings), Network Security via TCP/IP Access Control, Encrypted communications using SSL/TLS, IPsec, or IEEE 802.1X; SMNPv3, IPP Authentication, Kerberos Authentication Encryption, Wireless LAN Security (WEP, WPA2/WPA2-PSK), Protect document data with Locked and Stored Print, Unauthorized Copy Prevention, Compulsory Security Stamp, HDD Data Overwrite and Encryption

*Hard disk drive required.

Hardware Options

Paper Feed Unit PB1020 (Part # 406681)

Paper Capacity	550 sheets
Supported Paper Sizes	3.9" x 5.9" - 8.5" x 14.0"
Supported Paper Weight	14-59 lb. Bond/120 lb. Index (52-220 g/m ²)
Dimensions (WxDxH)	17.5" x 23.2" x 5.5" (444 x 590 x 140 mm)
Weight	26.5 lbs. (12.4 kg)

Caster Table Type C (Part # 406755)

Required for the SP C435DN when configured with three optional Paper Feed Units.	
Dimensions (WxDxH)	21.7" x 21.6" x 5.04" (594 x 616 x 128 mm)
Weight	21.1 lbs. (9.6 kg)

Tall Cabinet Type C430 (Part # 52121)

For use with the SP C435DN base model only.	
Dimensions (WxDxH)	17.5" x 22.8" x 19.7" (445 x 580 x 500 mm)
Weight	40.6 lbs. (18.4 kg)

Medium Cabinet Type C430 (Part # 52111)

For use with the SP C435DN when configured with one or two optional paper feed units.	
Dimensions (WxDxH)	17.5" x 22.8" x 11.0" (445 x 580 x 280 mm)
Weight	29.5 lbs. (13.4 kg)

Power Filter (Part # ESPAC1)

Consumables & Yields

Toner Cartridge Black SP C435A	11,000 pages*	Part # 821243
Toner Cartridge Yellow SP C435A	13,000 pages*	Part # 821244
Toner Cartridge Magenta SP C435A	13,000 pages*	Part # 821245
Toner Cartridge Cyan SP C435A	13,000 pages*	Part # 821246
Transfer Unit SP C430	100,000 pages	Part # 406664
Waste Toner Bottle SP C430	50,000 pages	Part # 406665
Fusing Unit SP C430	120,000 pages	Part # 406666
Black Photoconductor Unit SP C430	50,000 pages	Part # 407018
Color Photoconductor Unit SP C430	50,000 pages	Part # 407019

*Declared yield values in accordance with ISO/IEC 19798. Actual yields may vary based on images printed and other factors.

The RICOH SP C435DN ships with starter toner bottles that yield 3,000 pages each (5% coverage, two pages per job).

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

Specifications subject to change without notice.

Warranty

The RICOH SP C435DN is 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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