

CL4000DN

THE RICOH AFICIO CL4000DN

THE RICOH
color printer
series



Aficio®

RICOH®

THE RICOH Aficio CL4000DN

Color Laser Printer...

Small, Sturdy, and Packed with

Big Performance



Unequaled Total Cost of Ownership with Outstanding Printer Performance

To say that the new state-of-the-art RICOH® Aficio® CL4000DN Color Laser Printer is designed to streamline workflow while trimming expenses is truly an understatement. This powerful, advanced system helps optimize workgroup productivity by enabling users to **work faster** with superior print speed and reliability; **work easier** with simple operation, maintenance and connectivity; **work better** with exceptional image quality and versatile features; and **work smarter** thanks to a lower total cost of ownership versus comparable printers, plus expandability to meet your future multifunction needs.

Improve Productivity As Well As Your Bottom Line

As affordable to purchase as it is cost effective to operate, the Aficio CL4000DN is a wise investment for any business. Ready to work right out of the box, this high-performance color printer:

- ▶ Saves space with a **sleek, space-saving design** that fits virtually anywhere in your office.
- ▶ Saves time with a fast **26 page-per-minute print speed** in color and black & white, and up to 1200 x 1200 dpi resolution for swift, sharp output.
- ▶ Adds value as a **top-notch black & white printer** for your daily job requirements with the **bonus of color** to make documents more impactful.



The CL4000DN maintains almost 100% of simplex speed

Advanced Integrated Two-sided Printing: Because the cutting-edge Aficio CL4000DN offers standard duplex printing that's integrated into the design, desktop space is minimized, while two-sided printing reliability is enhanced. Portions of the simplex paper path are used to optimize print performance, thereby shortening the length paper travels and streamlining duplex productivity. Now, you can not only save paper and file space, but can enjoy impressive duplex print performance at almost 100% of simplex speed.

Built to Do More for less: While speed and performance are main concerns for any business, so is keeping costs and maintenance down. The Aficio CL4000DN is designed to work harder so you can work smarter, maximizing uptime, productivity, and efficiency.

- ▶ **Separate consumables** result in unmatched return on the dollar and convenience when printing in both color and black & white. You'll benefit from:
 - The **best price point for color** in the industry vs. other systems in its class
 - A **competitive low cost per page** vs. your current black & white printer technology
- ▶ Simple user maintainability also makes the CL4000DN an invaluable printing solution, with **supplies that are easy to access and replace**.
- ▶ Thanks to cutting-edge engineering, the CL4000DN can be positioned in **high-volume usage areas** to handle the most demanding workgroups/departments.
- ▶ Exceptionally **high color and black toner yields** (15,000 prints for both, and twice as much as competitors) mean longer print runs that extend uptime and less intervention.
- ▶ A **large standard 550-sheet paper tray plus a 100 sheet bypass** facilitates uninterrupted printing. Just put an entire ream of paper into the tray then go tend to other tasks! Two optional 550-sheet cassettes boost total capacity to 1,750 sheets.



Color and Black toners are easily accessible to replace

Diverse Paper Handling: Printing on a variety of stocks and paper sizes up to 8.5" x 14" is also an easy task for the CL4000DN. Paper weights of 16 to 55 lb. Bond/110 lb. Index can be fed through **ALL** paper trays, while duplex printing accommodates 16 to 43 lb. Bond/90 lb. Index stock. Special paper stocks include postcards, overhead transparencies and envelopes.

Seamless Connectivity in an Instant: The CL4000DN fits right into your existing office setup and can handle your immediate workload with a **powerful 533MHz print controller** that facilitates speedy printing via standard 10/100 BaseTX Ethernet and USB 2.0 connectivity.

Optional IEEE 802.11b and Bluetooth wireless, IEEE 1394 (Firewire) and IEEE 1284 interfaces extend flexibility and optimize communication between the CL4000DN and your individual or networked PCs no matter what the connection requirements of your work environment.



Print on to a variety of stocks (including envelopes) and paper sizes up to 8.5" x 14"



The CL4000DN provides comprehensive workflow management tools

The convenience continues long after network setup with **Ricoh network utilities** that put you in control of your documents and devices. Productive Web-based utilities include:

- ▶ **SmartDeviceMonitor**, for managers to remotely monitor, manage and configure an entire fleet of Ricoh printers and multifunction devices using a standard Web browser or client workstation tools.
- ▶ **Web Image Monitor**, for handy device management right from your desktop via the Internet/intranet, eliminating the need to install added software on your PCs.

Besides its choice of print drivers, the Aficio CL4000DN also offers **PDF Direct Print**. Great for reducing network traffic, this feature lets the system receive then print a PDF file from a PC without requiring access to Adobe Acrobat.

Simplest of all is the CL4000DN's **user-friendly control panel** with a clear 16-character LCD and arrow keys that walk users through menu options.

Expand Your Investment...and Your Possibilities: Besides providing your workgroup with fast, professional-quality prints and dazzling color documents, the Aficio CL4000DN is upgradeable to meet your growing business needs. The optional IS200e MFP upgrade is a state-of-the-art scanner that promotes value-added expandability and multi-functionality with:

- ▶ **Full-color and black & white scanning** at 16 and 33 ppm respectively.
- ▶ **Scan-to-E-Mail** for instant and simultaneous distribution of scanned documents in TIFF, JPEG or PDF file formats to multiple recipients over the Internet or intranet with LDAP support for accurate address look-up.
- ▶ **Scan-to-Folder** so users can send scanned forms, applications, reports and other documents to a designated folder on the network for review, providing a cost-effective archival and basic print-on-demand solution.
- ▶ **Scan-to-FTP** to facilitate sharing files outside the network and within different operating systems.
- ▶ **Scan-to-Print** that maximizes the functionality of your Ricoh laser printer by supporting basic copying features, also minimizing the cost of color and black & white reproduction.
- ▶ **TWAIN**, which allows you to capture hardcopy images in digital form for further editing back at the host PC, for incorporation into other electronic documents, or to save for future use.



The Ricoh CL4000DN color printer is shown with the optional IS200e Image Scanner and optional scanner table

The Ricoh Aficio CL4000DN Color Laser Printer puts color in easy reach, with a total cost of ownership that's unmatched in the industry.

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Specifications

Main Unit CL4000DN – Part #402325

Configuration:	Desktop
Technology:	Laser-beam scanning, Electro-photographic printing with mono-component toner development
Resolution:	600 x 600 dpi (default); 1200 x 600 dpi; 1200 x 1200 dpi
Printing Speed:	26 ppm @ 600 dpi in Color and B&W
First Print Speed:	Color: 15 seconds; B&W: 10 seconds
Dimensions (W x D x H):	17.6" x 23.2" x 19.2" (446 mm x 589.5 mm x 487 mm)
Weight:	110 lbs. (50 kg)
Warm-Up Time:	Less than 30 seconds
Power Source:	120 V, 60 Hz
Power Consumption:	990W or less
Energy Saver Mode:	6W or less
Paper Capacities:	Up to 1,750-sheet total capacity Standard Tray: 550 sheets Bypass Tray: 100 sheets Optional Tray: 550 sheets (1 or 2 may be added)
Output Capacity:	500 sheets face down
Paper Sizes:	Standard/Optional Trays: 8.5" x 11", 8.5" x 14", 5.5" x 8.5"; 7.25" x 10.5", A4, envelopes & custom sizes. Bypass Tray: 2.8" x 5.8" – 8.5" x 14"
Paper Weight:	Standard/Bypass: 16 lb. – 55 lb. Bond/110 lb. Index (52 – 216 g/m ²). Duplexing: 16 lb. – 43 lb. Bond/90 lb. Index (52 – 105 g/m ²)
Acceptable Paper Types:	Thick paper/Cardstock; Plain Paper/Recycled Paper; Laser qualified Transparencies; Envelopes
Safety Regulations:	UP1950/cUL; CSA No.950; FDA-21; CFR-J; FCC Class B

Controller Specifications

CPU:	RM7065 533MHz
Printer Languages:	Adobe PostScript 3, PCL 5c, PCL 6, Ricoh RPCS
Fonts:	Adobe PostScript 3: 136 Type 1 fonts PCL: 35 Intellifonts, 10 TrueType fonts, 1 bitmap font
Memory:	128MB RAM standard; Up to 384MB RAM maximum; 40GB Hard Disk Drive (Optional)
Standard Interfaces:	10/100BaseTX Ethernet, USB 2.0 Port
Optional Interfaces:	IEEE 802.11b wireless LAN, Bluetooth wireless, IEEE 1394, IEEE 1284c Parallel Port
Network Protocols:	Simultaneous auto-sensing/auto-switching TCP/IP, Novell IPX/SPX, AppleTalk, SMB/NetBEUI
Drivers:	RPCS, PCL 5c/6, and PS: Windows 95/98/Me/NT 4.0/2000/XP/Server 2003; PS: Macintosh 8.6 or later, OS X (v. 10.1, 10.2, 10.3) UNIX: Solaris, HP-UX, Red Hat Linux, SCO, IBM AIX
Print Utilities:	SmartDeviceMonitor for Administrator and Client, Web SmartDeviceMonitor, Web Image Monitor, DeskTopBinder Lite, Printer Utility for Mac, Agfa Font Manager 2000

Controller Options

40GB Hard Disk Drive Type 4000 – Part # 002084MIU	
IEEE 1394 Interface Board Type B* – Part # 411264	
IEEE 1284c Interface Board Type A* – Part # 411699	
IEEE 802.11b Wireless LAN Interface Type H* – Part # 402378	
Bluetooth Interface Board Type 3245* – Part # 412178	
*Only one additional interface can be installed.	
Network Data Protection Unit Type B – Part # 402363: Enables data encryption so that only the printer can properly recreate the data stream, guarding against information theft.	
User Account Enhance Unit Type E – Part # 402270: Monitors printer usage and restricts users' access via Web Image Monitor and SmartDeviceMonitor	
Memory Options	144-pin DIMM SD-RAM (PC133 compliant); Maximum of 384MB 128MB RAM Type D – Part # 002083MIU 256MB RAM Type D – Part # 001491MIU

Paper Handling Accessory

Paper Feed Unit Type 4000 – Part # 420165	
Paper Size	8.5" x 11", 8.5" x 14", 5.5" x 8.5", 7.25" x 10.5", A4, envelopes & custom sizes
Paper Weights	16 – 55 lb. Bond/110 lb. Index (52 – 216 g/m ²)
Capacity	550 sheets; 1 or 2 units may be added
Printer Stand FAC29 – Part # 402390	

IS200e Image Scanner (MFP Upgrade Option) – Part # 402334

Scanning Functionality	Scan-to-Email (with LDAP support), Scan-to-Folder, Scan-to-FTP, TWAIN Scanning, Scan-to-Print
Scanner Table Type 4000 – Part # 402337	

Consumables*

Color LP Toner Cartridge Type 145 Black HY – Part # 888308, Yield: 15,000 pages @ 5%
Color LP Toner Cartridge Type 145 Yellow HY – Part # 888309, Yield: 15,000 pages @ 5%
Color LP Toner Cartridge Type 145 Magenta HY – Part # 888310, Yield: 15,000 pages @ 5%
Color LP Toner Cartridge Type 145 Cyan HY – Part # 888311, Yield: 15,000 pages @ 5%
Color LP Toner Cartridge Type 145 Black – Part # 888276, Yield: 6,000 pages @ 5%
Color LP Toner Cartridge Type 145 Yellow – Part # 888277, Yield: 6,000 pages @ 5%
Color LP Toner Cartridge Type 145 Magenta – Part # 888278, Yield: 6,000 pages @ 5%
Color LP Toner Cartridge Type 145 Cyan – Part # 888279, Yield: 6,000 pages @ 5%
Photoconductor Unit Type 145 Black – Part # 402319, Yield: 50,000 pages
Photoconductor Unit Type 145 Color – Part # 402320, Yield: 50,000 pages
Waste Toner Bottle Type 4000 – Part # 402324, Yield: 125,000 pages
Intermediate Transfer Unit Type 145 – Part # 402323, Yield: 100,000 pages
Maintenance Kit Type 4000 – Part # 402321 (Includes: Fusing Unit, Transfer Roller, Paper Feed Roller), Yield: 100,000 pages

*CL4000DN ships with starter toner cartridges at 3,000 pages @ 5% coverage; all other consumables ship at full yield.

Specifications subject to change without notice.



RICOH® Image Communication

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The Ricoh Aficio CL4000DN is warranted against defects for a period of ONE (1) YEAR from the date of purchase.
Consumables are warranted for a period of ninety (90) days from the date of purchase. Please see warranty shipped with the product for more details.



EPA 2000 Office Products Partner of the Year (5th consecutive year)
EPA 2000 Labeling Partner of the Year

Ricoh Corporation has determined that this product meets the Energy Star® guidelines for energy efficiency.



Printed in U.S.A. on recycled paper because Ricoh cares.

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