

High Featured Cost
Conscious Colour Printing

Aficio™ CL4000DN/CL4000HDN



RICOH
Image Communication

Colour Prints Made Fast & Affordable



High quality colour prints are a necessity in your office nowadays. Yet, with print costs accounting for up to 10 to 20% of your IT budget*, a sound print strategy is essential. Ricoh develops the tools to optimise your print flow. Take the Aficio™CL4000DN/CL4000HDN, competitively priced colour laser printers with a low cost per print, total print cost monitoring and minimum maintenance. A built-in Hard Disk Drive (optional for the Aficio™CL4000DN) provides extra efficiency and security. The performance of these units is excellent too: high colour and B/W speeds, supreme output quality, ease of use... You name it, the Aficio™CL4000DN/CL4000HDN score in every area. Take a look at the market and you will soon find out these cost effective Ricoh printers are top of the rank!

* Source: IDC



Easy to Use & Reliable

- increased reliability
- easy panel to be used by anyone
- generous paper capacity: up to 1,750 sheets
- fast, easy & efficient one click printing with Ricoh's RPCS™
- versatile workflow integration with DeskTopBinder™ V2 Lite: merge different formats into one file

Easy Maintenance

Maintaining and expanding the Aficio™CL4000DN/CL4000HDN is effortless and cost efficient. You can install the optional paper trays by simply sliding them in place. Replacing consumables is just as easy.





High Performance Colour

Printing is an important task yet you want to spend as little time as possible on it. The Aficio™CL4000DN/CL4000HDN is fast in more ways than one:

- warm up time: less than 30 seconds
- first print speed: less than 10/15 seconds (black and white/colour)
- 25 ppm output speed (black and white/colour & simplex/duplex)
- 533 MHz processor for fast processing
- PDF direct printing: print data is sent directly to the printer without using server capacity



1,200 dpi Print Quality

- presentations
- charts & graphs
- photo quality images

Colour brings three extra dimensions: it informs, persuades and promotes. Lengthy reports become easier to read, graphs clearer and manuals more legible. Use the Aficio™CL4000DN/CL4000HDN's excellent colour capabilities to optimise your communication strategy and make an impact on clients and prospects.



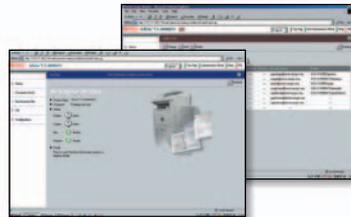
Embedded Software Architecture™

Open Architecture

The Aficio™CL4000DN/CL4000HDN include an innovative Java™ (J2ME) compatible software development platform for customised key applications. More info on www.ricoh-developer.com.

The Ultimate in Network Connectivity

The Aficio™CL4000DN/CL4000HDN integrate with virtually any network environment and come standard with USB 2.0 & NIB. For extra connectivity, install a parallel port, a FireWire (1394) interface board or opt for Bluetooth or Wireless LAN.



Advanced Monitoring

Via the bundled Web Image Monitor and Web SmartDeviceMonitor™ software you can monitor the status of networked peripherals through common web browsers. In addition, with SmartDeviceMonitor™ for Admin, IT managers and network administrators can set user privileges and obtain job statistics.



Hard Disk Drive Efficiency

The Aficio™CL4000HDN comes standard with a 40 GB Hard Disk Drive providing:

- Locked Print™ for optimum security: confidential jobs are released after you type in your password at the printer control panel.
- Sample Print™ for increased efficiency: print out the first set of documents and verify the results before outputting the remaining sets.
- Collation & job spooling for large volume control
- Downloadable fonts & macros



Ricoh's Green Commitment

In line with all Ricoh's products, the Aficio™CL4000DN/CL4000HDN have been created with zero waste and zero emission in mind:

- standard duplex printing for easy paper saving
- easily recyclable parts
- eco conscious toner bottle
- low power consumption
- compliant with 2005 EU legislation & Energy Star guidelines



Aficio™ CL4000DN/CL4000HDN

Specifications



GENERAL

Technology:	4 drums tandem method, laser beam scanning, electro photographic printing and dual component toner development	
Continuous print speed (simplex/duplex):	Black and white/full colour:	25 prints per minute (A4)
Warm up time:	30 seconds or less	
First print speed:	Black and white:	10 seconds
	Full colour:	15 seconds
Dimensions (W x D x H):	446 x 589 x 487 mm	
Weight:	50 kg or less	
Power source:	220 - 240 V, 50/60 Hz	
Power consumption:	Maximum:	1,200 W
	Energy saver mode:	6 W
Duty cycle:	150,000 pages per month (colour ratio 50%)	

CONTROLLER

Processor:	RM7065C 533 MHz	
Printer languages/ resolution:	PCL5c:	600 x 600 dpi
	PCL6, Adobe® PostScript® 3™, RPCS™:	1,200 x 1,200 dpi 1,200 x 600 dpi 600 x 600 dpi
Memory:	CL4000DN: Standard:	128 MB
	Maximum:	384 MB
	CL4000HDN: Standard:	256 MB
	Maximum:	512 MB
	Hard Disk Drive:	40 GB
Drivers:	PCL5c/PCL6/RPCS™: Windows® 95/98/Me/NT4.0/2000/XP Server 2003	
	Adobe® PostScript® 3™: Windows® 95/98/Me/NT4.0/2000/XP Server 2003	
	Macintosh 8.6 - 9.2, Macintosh X (native mode) UNIX	
Fonts:	PCL5c/PCL6:	35 intelli fonts 10 true type fonts 1 bitmap font (31 fonts can be downloaded)
	Adobe® PostScript® 3™:	136 Adobe® type 1 fonts
	Option:	OCR Barcode

CONNECTIVITY

Network protocol:	TCP/IP, IPX/SPX, SMB (NetBEUI, NetBIOS over TCP/IP) AppleTalk
Supported networks:	Windows® 95/98/Me/NT4.0/2000/XP Server 2003 Novell® NetWare® 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6 UNIX Sun® Solaris 2.6/7/8, HP-UX 10.x/11.00

		SCO OpenServer 5.x RedHat® Linux 6.x/7.x IBM® AIX v4.3/5L v5.1 Macintosh 8.6 - 9.2.x (OS X Classic) Macintosh X v10.1 or later (native mode)
Interface:	Standard:	Ethernet 10 base-T/100 base-TX USB 2.0
	Option:	Bi-centronics IEEE 1284 ECP FireWire (IEEE 1394) interface Wireless LAN (IEEE 802.11b) Bluetooth
Network utilities:	Standard:	DeskTopBinder™ V2 Lite SmartDeviceMonitor™ for Admin SmartDeviceMonitor™ for Client Web SmartDeviceMonitor™ Web Image Monitor Printer utility for Macintosh Job binding Font Manager 2000
	Option:	Document management utilities & professional software versions

PAPER HANDLING

Paper input capacity:	Standard:	550-sheet paper tray 100-sheet bypass tray
	Maximum:	1,750 sheets
Paper output capacity:	Standard:	500 sheets face down
Paper size:	A4 - B5	
Paper weight:	52 - 216 g/m²	
Media:	Plain paper, recycled paper, envelopes, thick paper, transparencies	

CONSUMABLES

Toners:	Black/C, M, Y:	15,000 sheets (high yield) ¹ 5,000 sheets (low yield) ¹
The Aficio™CL4000DN/CL4000HDN ship with a starter kit.		

OPTIONS

Internal options:	40 GB Hard Disk Drive (Aficio™CL4000DN) 128/256 MB SDRAM DIMM User Account Enhance Unit Network Data Protection Unit Bi-centronics IEEE 1284 ECP FireWire (IEEE 1394) interface Bluetooth Wireless LAN (IEEE 802.11b) VM Card
External options:	2 x 550-sheet paper trays

¹ A4 with 5% coverage

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



Ricoh has determined that these products meet the ENERGY STAR guidelines for energy efficiency.

Ricoh believes in conserving the earth's precious natural resources. This brochure is printed on environmentally friendly paper: 50% recycled fibres, 50% chlorine free bleached pulp.

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