

**Multifunctional Strength &
Colour on Demand**

Aficio™ 3228C/3235C/3245C



RICOH
Image Communication

The Economy of Black and White & the Power of Colour

Today's business world is increasingly tough and pressure is on the rise. Reports have to be ready instantly, presentations need to be professionally finished and documents distributed immediately. To cope with these increasing demands, your productivity needs a boost. Ricoh, the trendsetter in sophisticated multifunctionality, presents the Aficio™3228C/3235C/3245C: high performance document managers that will put you in the lead. These systems come with versatile finishing, cost effective faxing, 'scan to e-mail' via LDAP and document management functionalities. And they offer a touch of colour to make your reports easier to read and your proposals more attractive. The benefits of colour without sacrificing the economy of black and white. Combine these amazing strengths and you obtain a system that will make you stand out and break through office productivity barriers!



The Tools that Put You in Control

To meet the ever growing challenges your office faces, you need a productive and versatile companion. The Aficio™3228C/3235C/3245C offer you the walk-up simplicity and high performance of a digital black and white system together with today's most crucial impact feature: colour. Experience and innovation combined.



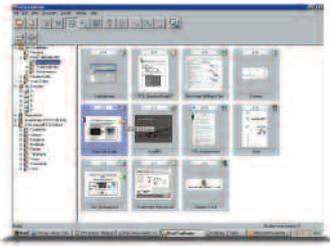
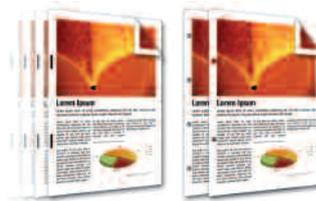
The Power of Colour

Enhance the overall impact of documents using colour and gain a competitive edge. Presentations, mailings, newsletters, spreadsheets... they all become more recognisable, attractive and readable. More concrete: colour communicates 70% faster than black and white!*

* Color for Impact by Jan V. White

Versatile Finishing & Booklet Creation

The choice is yours for professional finishing: the 2,000-sheet multi-tray finisher to staple and punch or the 1,000-sheet booklet finisher to create attractive sales, training or presentation material.



Optimal Document Management

For streamlined document handling, all your print, copy, fax and scan data can be stored and managed using DeskTopBinder™ Lite. With Web Image Monitor you can retrieve stored data, view files and re-organise, change or delete them through a web browser anywhere, anytime.



Cut Paper & Costs

Reduce paper usage and you scale down costs while minimising the impact on the environment. With the tray-less auto duplex function you can produce unlimited double-sided output without the loss of speed.



Efficient Distribution

Distributing larger documents can be tedious.

The Aficio™3228C/3235C/3245C offer two efficient solutions:

- **scan to e-mail:**
send scanned files to any e-mail address in the world and use LDAP to automatically access all company e-mail addresses.
- **scan to folder:**
send large documents to a client folder across the network.

Fax Directly from your PC

With the LAN fax function, you can send fax messages directly from your own networked PC. To reduce the distribution of printed faxes, incoming faxes can be automatically forwarded by e-mail. You can even receive faxes outside the office, via your laptop.

Cost Saving Internet Faxing

Using the Internet for long distance faxing has major advantages. By sending fax messages to PCs in e-mail format, you reduce costs while enhancing your communication capabilities and document quality.

Advanced Device Monitoring

Using Web SmartDeviceMonitor™, the status of networked peripherals can be monitored and checked through web browsers. Additionally, IT managers and network administrators can set user privileges, obtain complete job statistics and restrict usage.



Straightforward & Compact

The Aficio™3228C/3235C/3245C combine a variety of capabilities yet remain as compact and easy to use as your average black and white system. Whether printing, copying, faxing or scanning, any user can easily perform tasks using the large touch screen.



Our Earth, Our Tomorrow

The Aficio™3228C/3235C/3245C reflect Ricoh's commitment to the environment through the usage of toxic free materials*. Significant energy savings are also obtained thanks to advanced new power saving modes (ready in 99 seconds from off mode and 30 seconds recovery time from low power mode). These systems, however, take it one step further by adopting the polyester x polymerisation toner (PXP™) which uses less energy to produce particles than conventional toners. As a result, carbon dioxide emissions during the production process are reduced by approximately 30%.

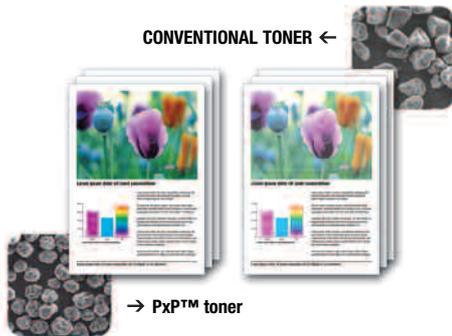
* In compliance with EU RoHS directive
(RoHS: Restriction of Hazardous Substances, effective from July 2006).

The image on these pages is not a real photograph and slight differences in detail might appear.

Breakthrough Performance & Versatility

Your office equipment has to be able to keep pace in your corporate department or busy workgroup. Meeting deadlines is the Aficio™3228C/3235C/3245C's strength.

Whether printing, copying, scanning or faxing, these systems offer performance and efficiency without compromise. Add versatile network and software support and you will soon experience these systems help you do business more productively.



Thanks to its small and uniform toner particles, Ricoh's newly developed PxP™ toner assures excellent high quality.

Save Time & Costs

Designed to save time and costs, the multifunctional Aficio™3228C/3235C/3245C take over the workload of multiple dedicated devices. Next to offering excellent black and white functionalities, these systems provide you with the ultimate feature for today's offices: affordable colour. Colour output is no longer a luxury, it can be created in house on demand. With an attractive purchase price and only one set of consumables, Total Cost of Ownership is competitive.

Accelerate your Business

More speed means more efficiency. Black and white documents are on your desk at 28/35/45 ppm, colour output at 24/28/35 ppm. A short warm up time and first output speed further reduce waiting time. Copying multi page documents or printing large files? The systems' maximum paper capacity of 3,100 sheets allows you to continue your work without refill interruptions while maintaining the same high quality. The newly developed PxP™ toner guarantees exactly that. Thanks to smaller and more uniform toner particles, image quality is sharper than when using conventional toner.

Safeguard Access & Information

To protect the interests of your work environment, the Aficio™3228C/3235C/3245C are equipped with advanced access limitation and security

functionalities. Using your existing Windows® network login infrastructure, you can prevent unauthorised machine use and restrict colour usage. To avoid industrial spying and information leaks, Ricoh presents Data Overwrite Security Unit. This optional functionality erases the temporary data on the systems' Hard Disk Drive. Additionally, all data communication from and to the system can be encrypted.

Cost Effective Print Job Routing

Ideally, different print jobs should be routed to the most suitable print system: large, complex jobs to the central printer, smaller print jobs to the desktop device. doc-Q-route brings new levels of efficiency to your business printing. This solution automatically routes documents to the most appropriate device such as the Aficio™3228C/3235C/3245C allowing you to increase productivity and save costs.

Moving New Ideas Forward

By launching the Ricoh Developer Program™, Ricoh backs its mission to bring you 'solutions that fit'. One of the tools is Ricoh's Embedded Software Architecture™, an innovative Java™ (J2ME™) compatible software platform allowing the design of customised key applications for Ricoh MFPs and laser printers, including the Aficio™3228C/3235C/3245C. For more information, visit www.ricoh-developer.com.



Embedded Software Architecture™

Compatible software platform allowing the design of customised key applications.



Occasional colour: now affordable for every office. The Aficio™3228C/3235C/3245C help you stay ahead in today's business world.



Aficio™ 3228C/3235C/3245C

Specifications



COPIER

| | | |
|----------------------------|--|--|
| Copying process: | Laser beam scanning & electro photographic printing | |
| Copy speed: | Black and white: 28/35/45 copies per minute | Full colour: 24/28/35 copies per minute |
| Resolution: | 600 dpi | |
| Multiple copy: | Up to 999 | |
| Warm up time: | 99 seconds | |
| First output speed: | Aficio™3228C/3235C: Black and white: 8 seconds Full colour: 10 seconds | |
| | Aficio™3245C: Black and white: 6 seconds Full colour: 8 seconds | |
| Zoom: | 25 - 400% (in 1% steps) | |
| Memory: | Standard: 1,024 MB + 80 GB Hard Disk Drive | |
| Paper input capacity: | Standard: | 2 x 500-sheet trays 1 x 100-sheet bypass tray |
| | Maximum: | 3,100 sheets |
| Paper output capacity: | Maximum: | 2,600 sheets |
| Paper size: | A6 - A3 (A3+ via bypass tray) | |
| Paper weight: | Paper trays/duplex: | 60 - 105 g/m ² |
| | Bypass tray: | 60 - 163 g/m ² |
| Dimensions (W x D x H): | 670 x 698 x 859 mm | |
| Weight: | Less than 120 kg | |
| Power source: | 220 - 240 V, 50/60 Hz | |
| Power consumption: | Operation: | Maximum 1.68 kW |
| | Energy saver mode: | Aficio™3228C: Less than 130 W Aficio™3235C/3245C: Less than 135 W |



PRINTER

| | | |
|-------------------------|---|--|
| Print speed: | Black and white: 28/35/45 prints per minute | Full colour: 24/28/35 prints per minute |
| Printer language: | Standard: | PCL5c, PCL6, RPCS™ |
| | Option: | Adobe® PostScript® 3™ |
| Resolution: | 1,200 x 1,200 dpi 1,800 x 600 dpi (equivalent) | |
| Interface: | Standard: | USB 2.0 Ethernet 10 base-T/100 base-TX |
| | Option: | Bi-directional IEEE 1284 FireWire (IEEE 1394) Wireless LAN (IEEE 802.11b) Bluetooth |
| Network protocol: | TCP/IP, IPX/SPX, SMB, AppleTalk | |
| Supported environments: | 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 2.6/7/8/9 HP-UX 10.x/11.x/11iv1/11i SCO OpenServer 5.0.6 RedHat® Linux 6.x/7.x/8.x/9.x/Enterprise IBM® AIX v4.3/5L v5.1/5L v5.2 Macintosh 8.6 or later (OS X Classic) Macintosh X v10.1 or later (native mode) | |



SCANNER

| | |
|-------------------------------|---|
| Scan speed: | Maximum 50 originals per minute (MH, A4) |
| Resolution: | 600 dpi full colour (1,200 dpi TWAIN black and white, greyscale) |
| Original size: | A5 - A3 |
| Output formats: | PDF/JPEG/TIFF |
| Bundled drivers: | Network, TWAIN |
| Scan to e-mail: | SMTTP, TCP/IP |
| Destination addresses: | Maximum 500 per job |
| Stored destination addresses: | Maximum 2,000 |
| Address book: | Via LDAP or locally on Hard Disk Drive |
| Scan to folder: | SMB or FTP protocol (with login security) |
| Destination: | Maximum 50 folders per job |



SOFTWARE

SmartDeviceMonitor™, Web SmartDeviceMonitor™
Web Image Monitor, DeskTopBinder™ Lite



FAX (option)

| | | |
|---------------------|--|------------------------|
| Circuit: | PSTN, PBX | |
| Compatibility: | ITU-T (CCITT) G3 ITU-T (T.37) Internet fax ITU-T (T.38) IP fax | |
| Modem speed: | Maximum 33.6 Kbps | |
| Resolution: | Standard/detail: | 200 x 100/200 dpi |
| | Maximum: | 400 x 400 dpi (option) |
| Compression method: | MH, MR, MMR, JBIG | |
| Scanning speed: | Less than 0.86 seconds (200 x 100 dpi, A4) | |
| Memory capacity: | Standard: | 4 MB |
| | Maximum: | 28 MB |
| Memory backup: | Yes | |

OTHER OPTIONS

- Platen cover
- 80-sheet Auto Reverse Document Feeder
- 1 x 500-sheet paper tray
- 2 x 500-sheet paper trays
- 2,000-sheet large capacity tray
- 350-sheet multi-bin tray
- 2,000-sheet multi-tray finisher
- 1,000-sheet booklet finisher
- Adobe® PostScript® 3™
- Bi-directional IEEE 1284
- FireWire (IEEE 1394)
- Wireless LAN (IEEE 802.11b)
- Bluetooth
- 2nd G3 port
- Professional software solutions

For availability of models, optional apparatus and software, please contact your local Ricoh representative.



ISO9001: 2000 certified
ISO14001 certified

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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RICOH
Image Communication

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