PREPARED FOR:

OBS Centralized Copy
Program
Florida State University

Buyers Lab Product Summary

Finding the right mix of hardware and/or software for your business can be challenging, but Keypoint Intelligence Buyers Lab (BLI), the world's leading independent evaluator of document imaging hardware and software products, can help you sort through the clutter to find your ideal solution. A Buyers Lab Product Summary provides a look at how a combination of hardware and/or software products can benefit an organization. In this summary you may find individual product benefits assessments, which contain information distilled from BLI's exhaustive hands-on product testing by our experienced staff of lab technicians and analysts, as well as product overviews and/or first looks, which are BLI's first impression of a new hardware or software product. For the full test report on each product included in this summary, visit www.Keypointintelligence.com/research.

Since 1961, Buyers Laboratory (BLI), a division of Keypoint Intelligence, has been the world's leading independent provider of analytical information and testing services to the document imaging industry. To learn more about Keypoint Intelligence Buyers Lab visit www.keypointintelligence.com/testing.

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INCLUDED IN THIS REPORT:

Ricoh IM C4500

*Compatibility is self-reported by each software vendor and not guaranteed by BLI. Check with your vendor for up-to-date compatibility information.

Ricoh IM C4500

WHAT YOU NEED TO KNOW

HIGHLY RATED BY BLI FOR

- Reliability
- Usability
- Serviceability/Management
- Walk-up Experience
- Workstation Experience
- Speed
- Scan Speed
- Copy Speed
- Image Quality
- Security
- Features

(scale: 0 2 4 6 8 10)

If your large department or workgroup is seeking a copier that provides excellent security and scan functionality on top of high print and copy output quality, then you should seriously consider the 45-ppm Ricoh IM C4500A. Part of Ricoh's new IM Series, the unit offers an array of innovations to expedite workflows and boost uptime and productivity in your office. For starters, if your work involves high levels of scanning then you'll benefit from the unit's superb scan speeds, while its single-pass document feeder's double feed detection option facilitates more accurate scan processes, auto-file split capability ensures large-sized documents are prepared efficiently for email transfer, and a further option takes the pain out of scanning small-sized paper such as bank checks and receipts. The revamped Android-based control panel is more responsive and intuitive to use than the previous generation, plus it now incorporates an NFC tag to enable your workers to effortlessly pair their mobile devices with the MFP. Another value-add is new Ricoh Smart Integration functionality which lets users access time-saving Ricoh or third-party software solutions right at the control panel; options include full integration with Office 365 so you can scan to Word and Excel formats as well as print Outlook emails and attachments, plus you can scan to and print from personal cloud accounts as well as corporate accounts. On top of this, your company can retain control over what it produces and when via the unit's internal multi-fold unit so that you can produce promotional leaflets and brochures in-house for added convenience. Your administrators and IT helpdesk have their share of benefits too. Chief among the features, new remote panel operation software provides real-time interactive IT user support, while the wrong media size flush function helps users avoid paper jams and reduces downtime. Proactive device management is a reality via Ricoh's Always Current Technology which provides you with the latest controller and firmware functionality, apps, and bug fixes without delay; RICOH Intelligent Support provides pre-emptive service support and predictive maintenance to reduce your downtime and maximize availability. Suffice to say, the Ricoh IM C4500A is a formidable MFP and would be a great asset in any mid-size to large workgroup.

A BLI Benefits Assessment is a benefit assessment of document imaging hardware and software excerpted from BLI's comprehensive lab test reports. For the full test report of this product, visit www.keypointintelligence.com/research.

- Maximize uptime thanks to flawless reliability and easily replaceable consumables

- Simplify everyday tasks and maximize on your investment by connecting to specialized and embedded applications leveraging Ricoh's Smart Integration technology

- Proactive device management via Ricoh's Always Current Technology which provides regular updates to features and interface enhancements; RICOH Intelligent Support provides pre-emptive service support and predictive maintenance to reduce customer downtime and maximize availability

- High quality printed and copied output will ensure your general office and marketing communications stand out

- Convenient support for mobile printing via Apple AirPrint, Mopria, Google Cloud Print, NFC, and the RICOH Smart Device Connector app lets you stay productive while on the move

- User friendly experience from the highly intuitive Android-based touchscreen operation panel; a larger tilt angle provides better accessibility for seated users; customizable screens on a user-by-user basis

- Boost efficiency with the ability to register up to 32 custom one click presets in the driver

- User friendly driver and web utility simplify operation for both users and administrators

- Robust scan features expedite your daily scan tasks, including double feed detection; support for small-size document such as receipts and pay slips; and auto-file split to ensure large scanned documents are more manageable for email

- Ability to extend scan and print features into the cloud, without the need for on site servers or IT resources

Ricoh IM C4500

At a Glance

Maximum Monthly Duty Cycle: 200,000 impressions
Recommended Monthly Volume: 50,000 impressions
Std Paper Capacity: 550/550 sheets
Max Paper Capacity: 4,700 sheets
Std/Max RAM & HDD: 2-GB RAM, 320-GB HD/4-GB RAM, 320-GB HD
Maximum Media Size: 12 x 18*
Document Feeder: Std DSPF
Network Connectivity: Std Ethernet, opt wireless

Features

- 10.1" color touchscreen can be configured for quick access to frequently used apps

- Standard near field communication (NFC) for touch-to-print capability

- Duplex scanning at up to 240 images per minute boosts workplace productivity

- Document server with 9,000-page storage capacity adds convenience

- Motion sensor detects user, starts up control panel within one second of being touched

- Wide range of finishing options includes multiple page feed detection unit, color controller

Target Market

The Ricoh IM C4500 color laser multifunction printer is designed for mid-size offices and workgroups.

New & Noteworthy

The 45 ppm Ricoh IM C4500 replaces the Ricoh MP C4504ex, providing a faster warmup time as well as faster scanning (i.e., simplex scanning at 120 images per minute vs. 110 images per minute in the predecessor). The print/copy/scan/optional fax device is part of the company's Dynamic Workplace Intelligence line, which lets users download the latest features, upgrades, and applications as required through a subscription-based service. Users can print from a PC or laptop, or with a mobile device through methods like Apple AirPrint, Google Cloud Print, the Mopria Print Service, and the RICOH Smart Device Connector app. In terms of scanning, users can scan directly to email; USB drive; dedicated network folder; and cloud services like Box, Dropbox, Google Drive, Microsoft SharePoint, and RICOH Content Manager. Finishing options include a 500-sheet internal finisher, a 1,000-sheet hybrid finisher, a 1,000-sheet booklet finisher, a 2,000-sheet booklet finisher, and a 3,000-shee finisher—all with 50-sheet stapling. As for supplies, black and color toner bottles yield 33,000 and 22,500 impressions respectively for uninterrupted printing.

Ricoh IM C4500
Desktop, Full-color copier, MF Laser

Manufacturing Status: Current
Part Number: 418309

Domestic Intro Date:	January 2019
Max Monthly Duty Cycle:	200,000 impressions
Recommended Monthly Volume:	50,000 impressions

MULTIFUNCTION MODES

Copier:	Std	Fax:	Opt
Internet Fax:	Opt	Network Fax:	Opt
Network Printer:	Std	PC Fax:	Opt
Printer:	Std	Scanner:	Std

GENERAL SPECS/PAPER HANDLING

First Copy Time:	5.4 sec color/3.6 sec black
Warm-up Time:	21 sec
Std Paper Source(s):	Dual drawer
Std Paper Capacity:	550/550 sheets
Paper Weights:	16 to 80 lbs
Bypass/Paper Weights:	100-sheet/14 to 80 lbs
Max Paper Sources/Cap:	5/4,700 sheets
Max Original Size:	11 x 17
Min/Max Output Size:	3.5 x 5.8/12 x 18*
Copy Resolution:	600 x 600 dpi
Std/Max System Memory:	2-GB RAM, 320-GB HD/4-GB RAM, 320-GB HD
Duplex:	Auto (1:2,2:2,2:1)
Capacity/Paper Sizes:	Unlimited/5-1/2 x 8-1/2 to 12 x 18
Document Feeder:	Std DSPF
Capacity:	220 orig
Paper Weights:	14 to 34 lbs
Finisher:	Opt finishers
Tray/Stapling/Pos(s):	500, 1,000, 3,000, 1,000, 2,000/50/3, 3, 3, 4, 4

SECURITY SPECS

HDD Overwrite:	Std
Max Overwrites:	9
HDD Encryption:	Std
Secure Print:	Yes
Encrypted Secure Print:	Opt
Encrypted PDF Mode (Encrypted Scanning):	Yes

Connectivity Specs

USB Interface:	Std 2.0, std 2.0 (host)
Network Interface:	Std Ethernet, opt wireless
Interface Type:	10/100/1000BaseTX, 802.11a/b/g/n
Mobile Print Support:	Yes (Apple AirPrint, Google Cloud Print, Mopia Print Service, RICOH Smart Device Connector)
Near Field Communication:	Std
Embedded Software Platform or Extensible Solutions Interface:	Embedded Software Architecture

Printer Specs

Speed:	45 ppm color/45 ppm black
First-Page-Out Time:	5.7 sec color/4 sec black
Enhanced Resolution:	Not applicable
Unenhanced Resolution:	1200 x 1200 dpi
Controller Mfr/Model:	Info not avail
Processor/Bits/MHz:	Intel Apollo Lake E3940/Info not avail/1.6 GHz
PDL/PCL:	PCL 5c/6, PostScript 3, opt Adobe PostScript 3

Scanner and Image Management Specs

Technology/Scan Speed:	CCD/120 ipm color, 120 ipm black

Scan Destinations:

Cloud:	Yes	E-mail:	Yes
I-fax:	Yes	FTP:	Yes
SMB:	Yes	HDD:	Yes
URL:	Yes	USB:	Yes
LDAP Support:	Yes		

File Formats Supported:	JPEG, PDF, PDF/A, compact PDF, encrypted PDF, searchable PDF, TIFF

ADDITIONAL INFORMATION

Control Panel:	10.1" color touchscreen
Dimensions (HxWxD):	37.9" x 23" x 27"
Weight (Base Unit):	223.5 lbs
Energy Star Compliant:	Yes