

Canon

imageRUNNER™
330 / 400 SERIES



networked
departmental
solutions

Think Digital...Work Different...

Experience the Unparalleled Results...From a New Generation of Digital Imaging Systems Only Canon Can Deliver—imageRUNNER™.

networked departmental solutions

Expect Innovation From the Industry Pioneer and Leader in Digital Multifunction Technology.

Digital technology has forever revolutionized the ways in which we conduct business. Speed and productivity through shared resources have significantly improved communications, bringing great competition among organizations demanding this power. To adapt to the challenges of building an effective IT platform, you need easy-to-operate, yet powerful systems to connect with the world of LANs, client/servers, Token Rings, TCP/IP and other technologies.

imageRUNNER™ 330/400

The power of digital

technology has forever revolutionized the ways in which the world conducts business.

Canon, the pioneer in digital technology and market leader in network-connected devices, proudly offers the imageRUNNER™ 330 and imageRUNNER™ 400. These unique systems integrate unsurpassed levels of performance and multifunction capability within your LAN or client/server workgroups and/or stand-alone environments. Whether your document-management needs call for printing, copying, faxing or scanning, every imageRUNNER 330/400 can be precisely configured to match the requirements of your organization. Using an open, fully modular architecture, every imageRUNNER can be expanded to integrate available options and accessories to accommodate changing needs. And all imageRUNNER devices can easily implement new imaging technology as it evolves, making Canon the smart choice as your long-term solutions provider. In choosing imageRUNNER, your organization will benefit from initial investment protection other manufacturers simply cannot match.

Create a Power Shift in Your Office Everyone Will Welcome.

With the imageRUNNER 330/400 Series, document creation and distribution—in either hard-copy or electronic formats—empower end-users to create what they want, when they want it, with high-level finishing that sets both devices apart from any others in the industry. Whether installed in stand-alone, walk-up environments, or with full connectivity to many networked systems, the power truly belongs with end-users, as they create, edit and distribute digital-quality documents with ease and flexibility.

At the heart of every imageRUNNER 330/400 is an internal Image Server, which allows unprecedented performance and efficiency of copy, print and fax jobs. Each imageRUNNER ships with standard memory to host such functions as Scan-Once-Print-Many, Automatic Image Orientation, Automatic Page Layout for booklet-making, and Confidential User Mailboxes for secure printing applications. The embedded Image Server



memory can be expanded to 96MB, total, through industry-standard DIMM memory modules.

In terms of user-control, powerful, intuitive Canon device drivers and remote device-management software come standard with every networked imageRUNNER. This application software allows workgroups to complete the document-creation process from start to finish, right at their desktops. And should an end-user or network administrator need to access a device remotely to monitor its operating status, determine its configuration, or even manage its print or fax queue, Canon's NetSpot™ Network Device Management Software simplifies the complete control of all imageRUNNER models on the network.

An imageRUNNER for Every Workgroup to Experience imageANYWARESM in Action...

For every size workgroup, for any management-information need, Canon has an imageRUNNER model to address your organization's document requirements. The imageRUNNER 330 operates at a speed of 33 pages per minute; the imageRUNNER 400, at a speed of 40 pages per minute. Both systems support output resolution of 1200 x 600 dpi at 256 grayscale—the highest of any copier in their class, plus they offer standard, built-in duplexing of paper sizes from statement to ledger, which helps reduce the costs associated with paper-intensive environments. And a standard, 1,050-sheet paper supply is offered via two 500-sheet paper cassettes and a 50-sheet stack bypass. Best of all, each system can be expanded and custom-tailored to meet the information-management needs of many customers.

imageRUNNER 330S is the base model, ideal for users demanding the high image quality and editing capability offered by digital technology. Its internal Image Server has 32MB standard memory, upgradable to 96MB, and supports Scan-Once-Print-Many, Automatic Image

Stapler Screen — Stapling in multiple positions, the imageRUNNER 330/400 Series provides unmatched finishing flexibility.



Finishing Screen — A multitude of finishing options are available for all devices, ensuring that end-users can immediately finish the job.



The Saddle-stitch Finisher on the imageRUNNER 330/400 Series offers multiposition stapling of up to 50 sheets, saddle-stitch finishing up to 15 sheets, and has five output trays, including interrupt tray.

For every size workgroup,
for any need to manage information, regardless
of form, content or location...

Orientation and Automatic Page Layout for booklet-making, when equipped with the appropriate finishing device. As a stand-alone digital copier with a completely modular upgrade path, the imageRUNNER 330S can be easily modified for new document-management needs, should they change in the future.

imageRUNNER 330N is the flagship model, offering standard, high-performance 10/100 Ethernet network printing at 200MHz. Also standard are digital copying with built-in duplexing, an Automatic Document Feeder and a 64MB internal Image Server. The imageRUNNER 330N is fully loaded to plug-and-play to the network, delivering maximum document-creation and distribution benefits right from the start. Plus, a standard 32MB of RAM and 2.1GB Hard Drive on the network print controller maximize document throughput by offering RIP-While-Print® and Continuous Print™ technologies, which conserve network resources and eliminate engine cycle downtime for peak performance.

imageRUNNER 400S, the base 40-page-per-minute model, offers all the same capabilities of the imageRUNNER 330S. An ideal mid-range solution for users requiring exceptional image quality and editing capability, it also provides the ability for upgrades, should they become necessary.

imageRUNNER 400N comes equipped with the same capabilities as the imageRUNNER 330N, thereby providing a complete networked system designed for maximum multitasking and digital engine throughput. And to help conserve energy and eliminate engine cycle downtime, the imageRUNNER 400N efficiently processes documents using RIP-While-Print and Continuous Print technologies.

Network Connectivity NOW, As It Should Be...

With one of the available network printer options, the imageRUNNER 330 and imageRUNNER 400 models can seamlessly integrate into Ethernet or Token Ring





Canon's 50-sheet ADF, standard on the imageRUNNER 330N/400N models, pulls from the top of a document stack, maximizing machine throughput.

imageRUNNER is the ideal solution for users who demand high image quality and editing capability...

environments, providing great value to LAN or client/server users in creating and processing finished documents. With multiple protocol support for IPX/SPX™, TCP/IP, AppleTalk® and SNMP, the imageRUNNER 330/400 Series is designed to address specific, company-wide network communication needs. Whether you operate in UNIX®, Windows®, Macintosh®, or all these environments combined, cross-platform compatibility, high performance and network stability are reasons why Canon commands the highest connectivity rate in the marketplace today.

...As Well As Powerful Network Device Management and Driver Software

Regardless of the network or computer operating platform you use, every imageRUNNER, when connected to the network, offers device driver software designed for ease-of-use and full document control. You can send print jobs from your desktop over the network with specific instructions, such as sort, staple/sort, saddle-stitch or duplex, or even select various paper options by choosing up to seven available supply areas.

As an integral component of every network-connected imageRUNNER, Canon's NetSpot Device Management Software simplifies the complete device installation, configuration and management through an easy-to-understand user-interface. From one's desktop, NetSpot enables network administrators and end-users to receive system status and configuration information, as well as view a networked imageRUNNER print queue anywhere in the company. Depending on user-rights, print jobs can be deleted or promoted within a queue, or redirected to other networked devices through the simple "drag-and-drop" procedure commonly used with a mouse. For the network administrator, consistency of user-interface, regardless of operating system used, makes device setup and management simple and easy.



With its user-friendly design and consistency across all Canon Digital Imaging Systems, the imageRUNNER 330/400 Series' Control Panel makes machine operation as simple as touching a button.

Super High-quality Printing in PCL®5e and/or Adobe® PostScript® 3

No matter which imageRUNNER device you choose, Canon offers a range of network printer options tailored to your organization's needs. The Network Multi-PDL Printer Board-H1 offers PCL5e and Adobe PostScript 3 printing, and comes equipped with 32MB of industry-standard memory and a 2.1GB Hard Disk for superior network printing performance. The Network Printer Board-K1 has the same memory capacity and hard disk, but is specifically tailored for PCL print environments only.

JBIG Faxing...More Productive Than With Stand-alone Devices

The Super G3 Fax Board-F1 and Super G3 Dual Line Fax Board-A1 for the imageRUNNER 330/400 Series provide a more productive solution than the majority of stand-alone devices available today. With 33.6 Kbps transmission speed, JBIG compression capability and 32MB of standard RAM, the imageRUNNER 330/400 Series can support up to 640 pages of faxed documents. The Dual Line Super G3 Fax Board-A1 adds an additional phone line for sending and receiving faxes simultaneously. With additional memory expansion modules, maximum capacity is increased to 96MB, creating support for up to 1,000 sheets.

High-resolution Document Scanning and Distribution With an Open System...

Scanning is quickly becoming a necessity as organizations integrate paper-based and electronic information for shared access throughout the company. With the Interface Board-D1, every imageRUNNER 330/400 has the ability to scan hard-copy originals from 150 dpi to 2400 dpi, adding tremendous value over traditional scanners, as grayscale, resolution and paper support are much greater. Furthermore, Canon's support of industry-standard ISIS® scanner interface technology allows all imageRUNNER 330/400 Series models to support more than 120 of the most popular imaging applications.



The imageRUNNER 330/400 Series' optional Paper Deck expands total paper capacity by 3,500 sheets and is ideal for production-level environments.



imageRUNNER 330/400 Series' Multiposition Auto Stapler has three output trays to receive print, copy and fax output, with one stationary interrupt tray for separation of print and fax output.



The imageRUNNER 330/400 Series' Stapler Stacker can staple sets of up to 30 sheets, and holds up to 1,000 pages of statement to letter or 500 legal to ledger sheets.

imageRUNNER 330/400 Series provides a much more productive solution than the majority of stand-alone devices available in the marketplace today.

Built-in Fault Tolerance Assures Your imageRUNNER is Always Operating...

Rather than rely on a single Central Processing Unit (CPU) to handle all functions, each expansion board has its own, thereby optimizing the specific requested function while processing multiple jobs simultaneously. Recognizing the critical nature of your networked requirements, this offers a robust level of redundancy, thus eliminating potential for total system failure.

DIPS Digitizes Images For Super Clarity

Instead of producing originals the traditional way, Canon's patented Digital Image Processing System (DIPS) translates original images into digital form and then prints them—using a high-quality invisible ray laser—at up to 1200 x 600 dpi resolution, resulting in astounding digital clarity. DIPS also uses advanced Artificial Intelligence to improve contrast and text sharpness, often proving to be better than the original itself.

Ease-of-use With the Touch of a Button

For maximum productivity, all imageRUNNER 330/400 Series models are designed with a user-friendly, integrated LCD touch-panel. For operations that require monitoring, Canon has provided a simple interface that allows users to complete tasks in fewer steps. Just the touch of a button can copy, fax or edit documents, leaving the operator free to do other tasks.

Although the imageRUNNER 330/400 Series comes standard with a 1,050-sheet, statement-to-ledger paper supply, it can accommodate paper-intensive operations with available paper supply options, including:

1. Cassette Feeding Unit-R1: This option adds four 500-sheet paper trays to the standard two 500-sheet trays, bringing total paper capacity to 3,000 sheets.

2. Cassette Feeding Unit-S1: This option adds two 500-sheet paper trays and a device pedestal to the standard two 500-sheet trays, bringing total paper capacity to 2,000 sheets.

3. Paper Deck-B1: Holding 3,500 sheets of letter-sized paper, the Paper Deck-B1, when used with the Cassette Feeding Unit-S1, provides a total paper capacity of 5,500 sheets.

A standard, 50-sheet stack bypass offers convenient handling of transparencies, labels and other media as an extra source tray supporting the above options.

High-level Finishing and Paper-handling Beyond Comparison

To enhance the quality of your printed communications and improve office efficiency, the imageRUNNER 330/400 Series offers a wide range of standard features and optional accessories, including:

- The optional **DADF-A1** Automatic Document Feeder (standard on imageRUNNER 330N/400N) lets you stack up to 50 originals, statement to ledger.

- The optional **DADF-B1** Automatic Document Feeder lets you stack up to 30 originals, statement to ledger.

- The **Finisher-E1** (Stapler Stacker) holds up to 1,000 prints, copies or faxes from statement to letter, and up to 500 sheets of legal to ledger paper. Plus, the Finisher-E1 can staple sets of up to 30 sheets.

- The **Finisher-C1** (Multiposition Auto Stapler) has three output trays to receive finished print, copy and fax output, with one stationary interrupt tray for separation of print and fax output.

- The **Finisher-C2** (Saddle-stitch Finisher) has five output trays, including interrupt tray, and offers multiposition stapling up to 50 sheets, and saddle-stitch finishing up to 15 sheets.



NetSpot provides end-users and administrators with easy access to device status information.



Through the NetSpot Features Tab, users can easily determine which imageRUNNER is configured to meet the needs of their output.



When fully configured, the imageRUNNER 330/400 Series delivers 5,550 sheets of on-line paper, the highest in its class.

The Canon imageRUNNER 330/400 Series.

Giving You the Power to Create and Distribute Knowledge and Ideas in New Ways Within Your Workgroup and Beyond.

Expansion Boards For Added Functionality*

The following expansion boards give your system the ability to print, fax or scan and interface with other systems in your office network:

1. Network Multi-PDL Printer Board-H1 (Standard on imageRUNNER 330N/400N only)

The Network Multi-PDL Board-H1 provides a direct 10/100 Ethernet connection to your local area network. Operating at 200MHz with a 32MB standard memory and 2.1GB Hard Drive, this high-performance network print connection is equipped for both PCL5e and PostScript 3 printing, and also offers multiple protocol support for many network and computer operating system platforms.

2. Network Printer Board-K1 (Optional for imageRUNNER 330S/400S only)

While the Network Printer Board-K1 offers the same performance as the Network Multi-PDL Printer Board-H1, it is specifically designed for PCL printing environments only. This printer board can be configured for the imageRUNNER 330S/400S with the pre-installation of the Expansion Board Base Unit-C1, required for adding extra functionality to these models.

3. Token Ring Interface Kit-TR4 (Optional on all imageRUNNER 330/400 models)

Ideally suited for driving full-device performance over Token Ring networks, this optional board can be equipped on either Network Printer Board, and supports environments operating at 4/16 Mbps via RJ-45 and DB-9 connections, with multiple-protocol support and integration within Canon's NetSpot architecture.

4. Super G3 Fax Board-F1

The Super G3 Fax Board-F1 provides more productivity than stand-alone facsimile machines. With JBIG compression, a 33.6 Kbps transmission speed, and a memory upgradable to 96MB to support up to 1,000 sheets, the Super G3 Fax Board-F1 is a flexible alternative to traditional, "non-networked" fax devices.

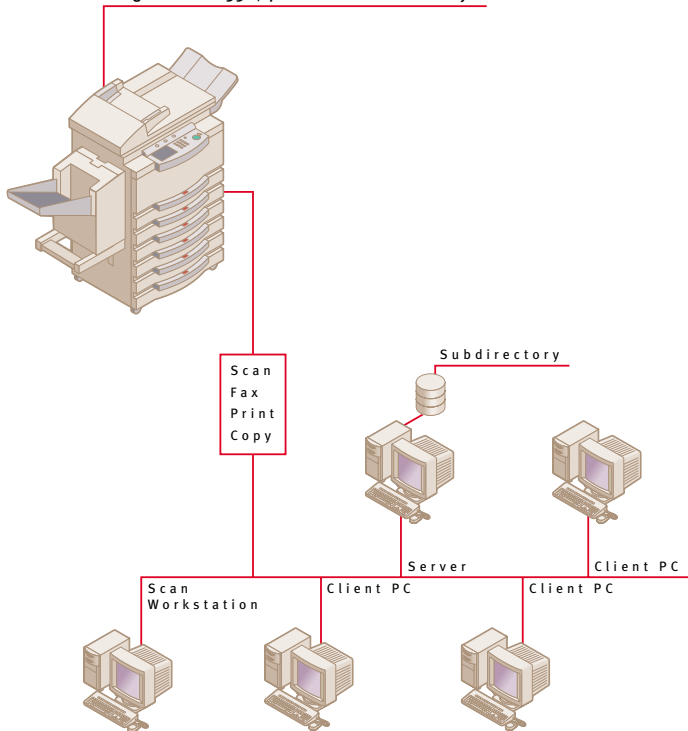
5. Super G3 Dual Line Fax Board-A1

Equipped with the same capabilities as the Super G3 Fax Board-F1, the Super G3 Dual Line Fax Board-A1 adds another line for sending and receiving G3 type faxes simultaneously.

6. Scanning Interface Board-D1 (Optional on all imageRUNNER 330/400 devices)

The Scanning Interface Board-D1 is designed with a standard 10MB memory to handle scanning needs from low-resolution text to high-grayscale images. Supporting scanning resolutions of 150 dpi to 2400 dpi, this optional board integrates paper and digital workflows with ease.

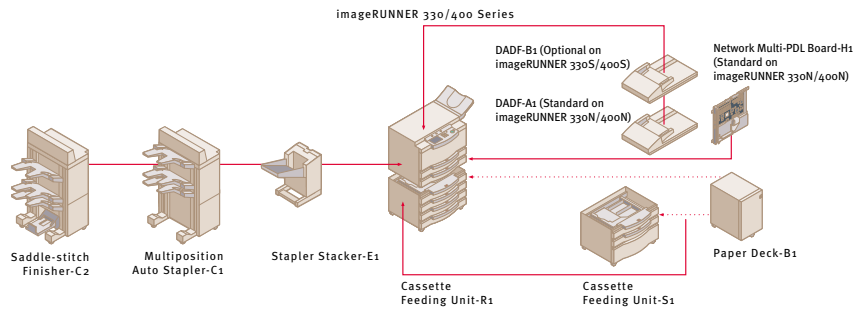
imageRUNNER 330/400 Series Connectivity



*The Expansion Board Base Unit-C1 is required prior to installation of all functional Expansion Boards.

Giving You the Power to Create and Distribute Knowledge in New Ways, Within Your Workgroup and Beyond. The Canon imageRUNNER 330 and imageRUNNER 400.

imageRUNNER™ 330/400 SERIES



imageRUNNER 330/400 Series Specifications

Basic Specifications

Type:	Digital Multifunction Imaging System
Imaging System:	Laser Dry Electrostatic Transfer
Developing System:	Dry Monocomponent Toner Projection
Image Server Memory:	32MB (S models), 64MB (N models) Standard, Upgradable to 96MB Total (DIMMs)
First-print Speed:	6 seconds from ADF or less
Warm-up Time:	81 seconds or less
Multipage Speed:	33 pages per minute (330N/S) 40 pages per minute (400N/S)
Resolution:	600 dpi x 600 dpi
Interpolated Resolution:	1200 dpi x 600 dpi
Half-tone:	256 gradations of gray (Continuous-tone)
Scanner:	CCD, 600-dpi resolution
Document-handling:	Automatic Document Feeder
Automatic Document Feeder Capacity:	50 Sheets (DADF-A1), 30 Sheets (DADF-B1)
Max. Original Size:	11" x 17"
Output Sizes	
Cassette:	Statement to Ledger
Bypass:	Statement to Ledger
Paper Supply	
Standard:	Dual Front-loading Cassettes (500 Sheets Each) 50-sheet Stack Bypass
Optional:	1,000-sheet Two-cassette Feeder 2,000-sheet Four-cassette Feeder 3,500-sheet Paper Deck (Total: 5,550 Sheets)
Output Options:	Stapler Stacker Finisher Multiposition Auto Stapler Saddle-stitch Finisher
Duplexing:	Standard Automatic Trayless Duplexing
Magnification Reduction/Enlargement:	25% to 800% in 1% increments
Multiple Copies:	1 to 999
Paper Weights:	13 lb. to 32 lb.
Drum:	OPC – estimated yield: 55,000 impressions
Duty Cycle:	120,000 impressions per month (330N/S) 150,000 impressions per month (400N/S)

Accessories

Automatic Document Feeder (DADF-A1)

Acceptable Originals:	Statement to Ledger
Capacity:	50 Sheets (Letter/20 lb.)
Max. Paper Weight:	Up to 28 lb.

Automatic Document Feeder (DADF-B1)

Acceptable Originals:	Statement to Ledger
Capacity:	30 Sheets
Max. Paper Weight:	Up to 28 lb.

Cassette Feeding Units

Number of Cassettes:	Two or Four Cassettes
Paper Capacity:	1,000 or 2,000 Sheets (STMT to LDR)
Paper Weights:	Up to 22 lb. Bond

Paper Deck-B1

Paper Capacity:	3,500 Sheets (LTR)
Paper Weights:	Up to 22 lb. Bond

Stapler Stacker Finisher-E1

Number of Trays:	One Tray
Tray Capacity:	1,000 Sheets (LTR)
Staple Position/ Capacity:	Top Corner/30 Sheets

Multiposition Auto Stapler-C1

Number of Trays:	Four Trays, including Interrupt Tray
Tray Capacity	
Top Tray:	300 Sheets (LTR)
Middle Tray:	750 Sheets (LTR)
Lower Tray:	200 Sheets (LTR)
Staple Positions:	Multiposition Stapling (1) Top Corner; (2) Side Margin
Stapling Capacity:	50 Sheets

Saddle-stitch Finisher-C2

Number of Trays:	Five Trays, including Interrupt and Saddle-stitch Trays
Tray Capacity	
Top Tray:	300 Sheets (LTR)
Middle Tray:	750 Sheets (LTR)
Lower Tray:	200 Sheets (LTR)
Saddle-stitch Tray:	300 Sheets

Staple Positions:	Multiposition Stapling (1) Top Corner; (2) Side Margin; (3) Saddle-stitch
Stapling Capacity:	50 Sheets (Saddle-stitch: 15 Sheets)
Saddle-stitch Specifications	
Total Sides Imaged:	60 Total Sides (15 Sheets)
Total Sets:	10 Total Sets
Folding:	V-folding Standard

Network Print Controller

Type:	Embedded Print/Network
Processor:	MIPS R5000 200MHz RISC
RAM	
Standard:	32MB (168-Pin DIMM)
Maximum:	64MB (168-Pin DIMM)
PDL Support:	Adobe PostScript 3 – PCL5e
PostScript Fonts:	139 Type 1 and 3
PCL Fonts:	45 TrueType®
Hard Disk:	2.1GB
Optimized Features:	Continuous Print RIP-While-Print
Printer Interface	
Ports:	Bi-Directional Centronics
Topology:	Ethernet Token Ring (Optional)
Speed:	10/100 Mbps Ethernet 4/16 Mbps Token Ring
Protocols Supported	
Ethernet:	TCP/IP, IPX/SPX, EtherTalk
Token Ring:	TCP/IP, IPX/SPX
Network Interface Connections	
Ethernet:	10/100Base-T (RJ-45), 10Base-5 RJ-45, DB-9
Token Ring:	

Additional options, including faxing and scanning, are available. Please contact your local authorized Canon Dealer for details.

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