Canon

imageRUNNER™
210 SERIES

networked workgroup solutions

Introducing the imageRUNNER[a] 210 Series

of Digital Imaging Systems, your connection to complete stand-alone or networked document-management that sets new levels of performance for workgroup multifunction devices.

networked workgroup solutions

Whether your document needs are addressed in stand-alone or network-connected environments, the imageRUNNER 210 Series of Digital Imaging Systems is the means of attaining complete hard-copy- or electronic-based information management within your enterprise. As today's knowledge-workers in office environments must work together and share common resources, every imageRUNNER 210 Series device can be configured to serve the digital copying, network printing, faxing and scanning needs of users, at levels of performance other devices in its class simply cannot match.

imageRUNNER™ 210 SERIES

Workers in office environments

must work together and share common resources. Every imageRUNNER 210 Series device can be configured to serve their digital copying, network printing, faxing and scanning needs...

Canon is the leading provider of network-connected, multifunction devices in the industry. Having pioneered the marketplace, the imageRUNNER 210 Series has set a standard which makes the name synonymous with open architectures, superior image quality, complete modularity, and full network connectivity. These product strengths combine to utilize a number of finishing options and device application software which give users an unparalleled amount of control over the entire document-management process. The imageRUNNER 210 Series devices operate at high-performance levels, allowing your organization to attain impressive efficiency and the competitive advantage you need. And because they are complete multifunction systems, you can manage business information quickly and accurately, regardless of form, content or location.

Every imageRUNNER 210 Series device operates at 21 pages per minute and supports resolution of 1200 x 600 dpi at 256 grayscale, the highest of any copier in its class. Standard paper supply support for 1,050 sheets of Statement to 11" x 17" sizes is also offered. All imageRUNNER 210 Series devices have expansion capability and can be equipped with a complete range of imaging functions and connectivity options. Additional paper input and output options can handle the most basic document processing to the most complex requests of either walkup or network users. All imageRUNNER 210 Series devices are designed to support parallel processing and fault tolerance in driving greater levels of system throughput. When coupled with an extensive level of device control made available through application software, the imageRUNNER 210 Series becomes the enterprise-wide resource that empowers end-users with complete document-management capabilities.

An imageRUNNER 210 Series Device for Every Customer Application

No customer document-management application is the same. For this reason, there are two imageRUNNER 210 Series devices available, each fully modular with expansion capability that can be custom-tailored to meet the document needs of a full range of customers.

imageRUNNER 210S

The imageRUNNER 210S, the base model in this Series, offers digital copying support of 1200 x 600 dpi resolution and 256 grayscale, the highest of any copier in its class in the industry. With standard duplexing and 1,050-sheet support for Statement to 11" x 17" sizes, the imageRUNNER 210S is the ideal solution for users who demand the image quality and editing capabilities that digital technology offers as a direct replacement for analog devices. And with a completely modular upgrade path, the imageRUNNER 210S can seamlessly be upgraded to address the network printing, faxing and scanning needs of your organization if and when they dictate.

The imageRUNNER 210 Series sets the standard for networked document management by seamlessly integrating the functions of traditional office equipment. Now your associates can create, distribute, print, and manage documents right from their desktops.

networked workgroup solutions

Accessing the imageRUNNER 210 Series' functions is made simple with Canon's graphical printer driver software.

The imageRUNNER 210 Series

can seamlessly integrate into your Ethernet or Token Ring environment and provide tremendous value to LAN or client/server users.

imageRUNNER 210N

The flagship imageRUNNER 210N model comes standard with high-performance, 10/100 Ethernet network printing at 133MHz processing speed, and complete digital-copying functionality. The imageRUNNER 210N is fully loaded to plug-and-play, delivering the benefits of networked document-management from the moment you unpack it. And with a standard 32MB of RAM and 3.2GB hard drive, the imageRUNNER 210N maximizes document throughput productivity by offering RIP-While-Print™ and Continuous Print™ technologies, both of which conserve network resources and eliminate engine cycle downtime for peak performance.

Network Connectivity is Key

When equipped with one of the available network printer options, the imageRUNNER 210 Series can seamlessly integrate into your Ethernet or Token Ring environment, and provide tremendous 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 210 Series is specifically designed to address specific network communication needs throughout the enterprise. And whether your organization operates in UNIX™, Windows™, Macintosh™, or all of these environments, cross-platform compatibility, performance and reliability on the network are reasons why Canon's imageRUNNER products command the highest connectivity percentage placement rates of any other vendor in the marketplace today.

. . . as well as Powerful Network Device Management and Driver Software

Regardless of the network or computer operating platform you use, all imageRUNNER 210 Series device driver software is designed for ease-of-use and full document control. Send print jobs over the network from the desktop with specific instructions— sort or staple/sort, duplex, or even select multiple-size paper options for your print job— by accessing up to seven different available supply areas.

As an integral component of every network-connected imageRUNNER 210 Series device, Canon's NetSpot™ Device Management Software simplifies the complete installation, configuration and management of the device through a consistent, easy-to-understand user-interface. NetSpot enables both network administrators and end-users to receive an extensive amount of device status and configuration information, as well as the ability to view a networked imageRUNNER 210 Series device print queue from anywhere in the enterprise at the user's desktop. Depending on user-rights, print jobs can be deleted or promoted within a queue, or redirected to other devices on the network through the simple drag-and-drop procedure commonly used with a mouse. For the network administrator, consistency of user-interface, regardless of network or computer operating system used, makes setup and management of the device a simple and easy process.

The imageRUNNER 210 Series fax driver software enables users to fax documents right from their desktops.

Choose Simplify ShareScan[3] for network scanning requirements, or other Canon-offered imaging software for archive/retrieval, workflow or hard-copy integration to E-mail and fax software.

Printing in PCL 5e and/or Adobe PostScript 3

The imageRUNNER 210 Series offers flexibility in network printer options that are tailored to your organization's printing needs. The Network Multi-PDL Board-D1 offers PCL5e and Adobe PostScript 3 printing, and has 32MB of RAM and a 3.2GB hard disk. The Network Printer Board-E1 has the same memory capacity, but is specifically tailored for PCL print environments only.

Faxing that is more productive than with stand-alone devices

The Super G3 Fax Board-D1, which can be equipped on any imageRUNNER 210 Series device, provides a much more productive solution than the majority of stand-alone devices available in the marketplace today. With 33.6 Kbps transmission speed, or 3 seconds per page*, the imageRUNNER 210 Series can support up to 630 faxed pages through the 3MB or 9MB memory expansion modules. And with the Recirculating Document Feeder-G1, you can greatly enhance faxing productivity by scanning simplex or duplex documents of sizes up to 11" x 17".

Scanning of Hard-copy Originals

Scanning is quickly becoming a necessity as organizations integrate paper-based information with electronic information for shared access across the enterprise. With the Scanning Interface Board-C1, any imageRUNNER 210 Series device has the ability to scan hard-copy originals at 150 dpi, up to 2400 dpi. This scanning capability adds a tremendous amount of value over traditional scanners in that grayscale, resolution and paper size are much greater, all at a low, incremental cost when added to the imageRUNNER 210 model you select. You can also scan images to workstations in industry-standard file formats, enabling you to import images to your document or file at high speeds with high resolution.

Through Canon's support of industry-standard ISIS scanner interface technology, the imageRUNNER 210 Series models support more than 120 of the most popular imaging applications.

Whether you're looking to integrate the imageRUNNER 210 Series into an existing imaging environment, or build a turnkey system through Canon-provided software, Canon has the solution.

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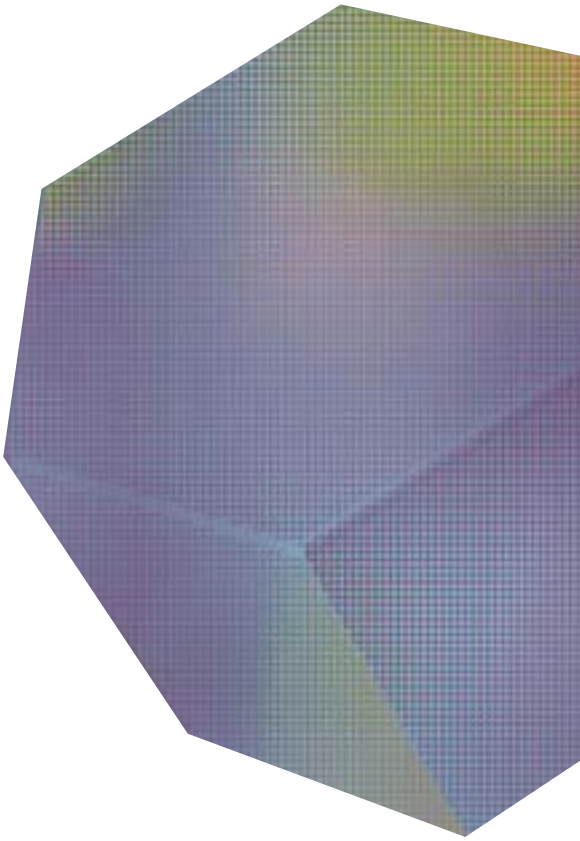


*Approximate 3-second-per-page fax transmission time based on ITU-T No. 1 Chart (MMR, Standard Mode) at 33.6 Kbps modem speed when transmitting to another V.34 machine. The Public Switched Telephone Network (PSTN) currently supports 28.8 Kbps modem speeds or lower, depending on telephone line conditions.

Artificial intelligence improves

contrast and text sharpness, often better than the original hard copy itself.

For every board, a CPU

Instead of relying on a single Central Processing Unit (CPU) to handle all functions, each expansion board has its own CPU. This not only optimizes the specific requested function, but also allows processing of multiple jobs simultaneously. In addition, this design recognizes the critical nature of your networked requirements by offering a robust level of redundancy, eliminating the possibility of a total system failure.

DIPS digitizes images for super clarity

Instead of producing originals the traditional way, CanonÕ unique Digital Image Processing System (DIPS) translates original images into digital form, then prints them‹ using a high-quality, invisible ray laser‹ at up to 1200 x 600 dpi resolution. The result is astounding digital clarity. DIPS also uses advanced Artificial Intelligence to improve contrast and text sharpness, often better than the original hard copy itself.

Ease-of-use with the touch of a button

To provide the highest level of productivity, the imageRUNNER 210 Series is designed with a user-friendly, integrated LCD touch-panel. For operations that require being at the device itself, Canon has provided a simple interface that allows users to complete tasks in as few steps as possible. With the touch of a button, documents can be copied, faxed or edited, if necessary. The result: less time performing device operations and more time being productive.

3,000-sheet paper capacity designed for the active workplace

With standard support for 1,050 sheets of paper ranging in user-selectable sizes from Statement to Ledger, the imageRUNNER 210 Series offers support for workgroup office volume. To accommodate the needs of paper-intensive operations, each system can be expanded through the Cassette Feeding Unit-L1. This imageRUNNER 210 system option adds four, 500-sheet paper trays to the standard two trays, bringing total paper capacity to 3,050 sheets.

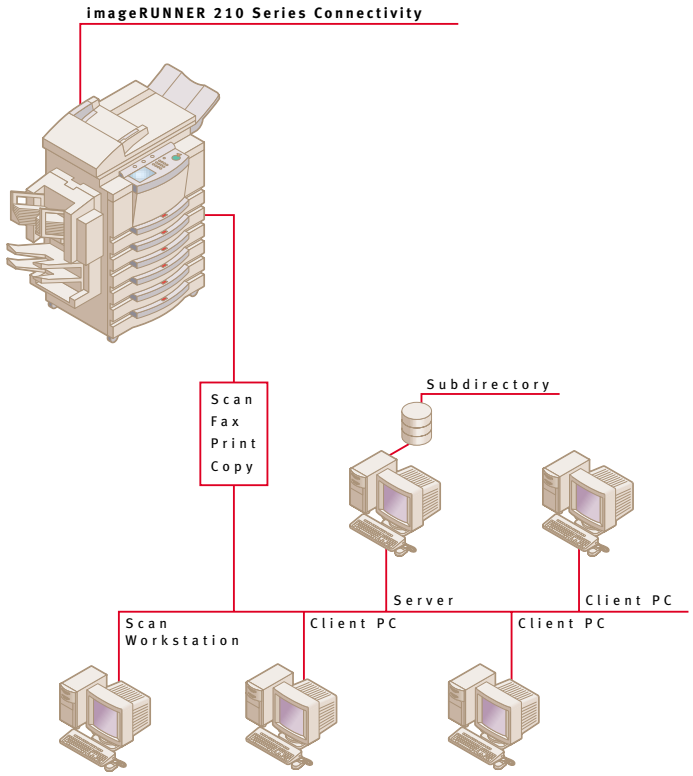
For less paper-intensive environments, the optional Cassette Feeding Unit-M1 adds two, 500-sheet paper trays and a device pedestal, bringing total paper capacity to 2,050 sheets.

A 50-sheet Stack Bypass is provided for convenient handling of transparencies, labels, and other media.

The imageRUNNER 210 SeriesÕ Control Panel has a user-friendly design that makes even the most complex jobs as easy as touching a button.

The Multi-Output Tray-B2/B3 feature 10 bins to receive finished copies, and two trays for print and fax output.

The 3-bin Multi-Output Tray allows for separation of print, copy and fax output.



Feeding, sorting, stapling

The imageRUNNER 210 Series offers a wide range of standard features and optional accessories, including:

- The optional RDF-G1 Recirculating Document Feeder (standard on imageRUNNER 210N) lets you stack as many as 50 originals, from Statement to Ledger sizes.
- The Multi-Output Tray-B2 contains 10 bins to receive finished prints or copies, with two shifting trays for offsetting and separation of print and fax output.
- The Multi-Output Tray-B3 contains 10 bins to receive finished output, with two stationary trays for separation of print and fax output.
- The Stapler Sorter-M1 contains 10 bins to receive finished prints, copies or fax output.
- The Multi-Output Tray-C1 provides three trays for separation of copy, print and fax output.

You can design the imageRUNNER 210 Series models to suit the needs of your workplace. They not only enhance the quality of your printed communications, but they also improve the efficiency of your office.

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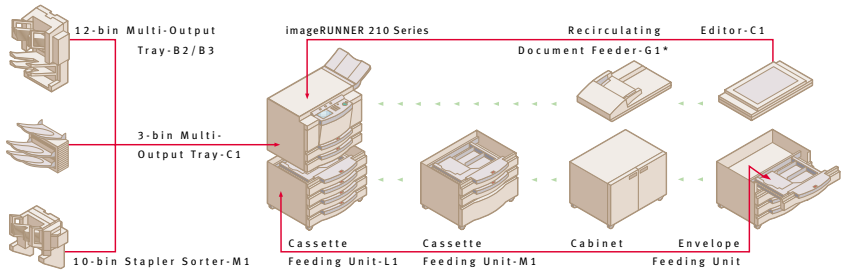

* Standard on imageRUNNER 210N

imageRUNNER 210 Series Specifications

Basic Specifications

Type:	Digital Multifunction Imaging System
Imaging System:	Laser Dry Electrostatic Transfer
Developing System:	Dry Monocomponent Toner Projection
First-print Speed:	9.2 seconds or less (AE OFF, Letter, Upper Cassette)
Warm-up Time:	8.6 seconds or less (from Power OFF)
Multipage Speed:	21 pages per minute
Actual Resolution:	600 dpi x 600 dpi
Interpolated Resolution:	1200 dpi x 600 dpi
Halftone:	256 gradations of gray (continuous-tone)
Scanner:	CCD, supports 150 dpi to 2400 dpi
Maximum Original Size:	11" x 17"
Output Sizes	
Cassette:	Statement to Ledger
Bypass:	4-1⁄8" x 5-7⁄8" to Ledger
Paper Supply	
Standard:	Dual Front-loading, User-adjustable Cassettes (500 Sheets Each) 50-sheet Stack Bypass (22 lb. Bond)
Optional:	1,000-sheet Cassette Feeding Unit 2,000-sheet Cassette Feeding Unit (Maximum Total: 3,050 Sheets)
Output Options:	12-bin Multi-Output Tray 3-bin Multi-Output Tray 10-bin Stapler Sorter
Duplexing:	Standard 20-sheet Automatic Duplexing
Magnification:	25% to 800% (in 1% increments)
Preset Reduction/ Enlargement:	25%, 50%, 64%, 73%, 78%, 121%, 129%, 200%, 400%, 800%
Exposure Control:	Automatic and Manual (Text or Photo)
Multiple Copies:	1 to 100
Dimensions (H x W x D):	23" x 23-5⁄8" x 27-5⁄8" (585mm x 599mm x 700mm)
Weight:	185 lb. (84.2kg)
Power Requirements:	115V, 60Hz
Photo Conductor:	OPC Drum estimated yield: 50,000 images
Toner:	530g Cartridge
Void Areas:	All sides, 2.5mm
Fixing System:	RAPID Fusing System

Accessories

Recirculating Document Feeder-G1*

Acceptable Originals:	Statement to Ledger
Capacity:	50 Sheets (Letter)
Power Consumption:	170W (max.)
Power Source:	Directly from Main Unit
Dimensions (H x W x D):	6-3⁄8" x 25-3⁄8" x 20-3⁄4" (161mm x 645mm x 527mm)
Weight:	31 lb. (14.1kg)

Multi-Output Tray-B2/B3

Number of Bins:	12 (10 stapler/sorter; 2 output trays print/fax) B2 Model has offsetting output trays
Bin Capacity:	30 Sheets (Letter/Sort Mode; 200 sheets each tray)
Stapling Capacity:	Up to 20 Sheets (22 lb. Bond)
Paper Sizes	
Sorting:	Statement to Ledger
Stapling:	Letter to Ledger
Output Tray:	Statement to Ledger
Power Consumption:	80W (max.)
Power Source:	Directly from Main Unit
Dimensions (H x W x D):	27-1⁄4" x 17-1⁄8" x 22-1⁄2" (691mm x 434mm x 571mm)
Weight:	55.1 lb. (25kg)

Multi-Output Tray-C1

Number of Bins:	3: Top Tray and Two Shift Trays
Bin Capacity:	100 Sheets/All Sizes
Paper Sizes:	Statement to Ledger
Maximum Number of Copies:	Tray A: Default: Copying Output‹ 100 Sheets/All Sizes Tray B: Default: Fax Output‹ 100 Sheets/All Sizes Tray C: Default: Print Output‹ 100 Sheets/All Sizes
Power Consumption:	Max. 35W
Power Source:	DC 24V from Main Unit
Dimensions (H x W x D):	10-3⁄8" x 7-3⁄4" x 19-1⁄8" (262mm x 195mm x 485mm)
Weight:	13.4 lb. (6.1kg)

Stapler Sorter-M1

Number of Bins:	10 stapler/sorter
Bin Capacity:	30 Sheets (Letter/Sort Mode)
Stapling Capacity:	Up to 20 Sheets (22 lb. Bond)
Paper Sizes	
Sorting:	Statement to Ledger
Stapling:	Letter to Ledger
Power Source:	Directly from Main Unit
Dimensions (H x W x D):	15-3⁄8" x 15-3⁄8" x 21-7⁄8" (390mm x 390mm x 555mm)
Weight:	26.4 lb.

Cassette Feeding Unit-L1/M1

Paper Capacity:	L1: 4 x 500 Sheets (22 lb. Bond) M1: 2 x 500 Sheets (22 lb. Bond)
Paper Sizes:	Ledger, Letter, Letter-R, Statement, Statement-R
Paper Weights:	17 lb. to 22 lb. Bond (64 to 80 g/m²)
Power Source:	DC 24V from Main Unit
Dimensions (H x W x D):	17-7⁄8" x 23" x 24-3⁄8" (453mm x 585mm x 619mm)
Weight:	93 lb. (42.2kg)

Network Multi-PDL Board-D1*

Type:	Embedded Print/Network
Processor:	MIPS R4700 133MHz 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:	3.2GB
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
Token Ring:	TCP/IP, IPX/SPX
Network Interface Connections	
Ethernet:	10/100Base-T (RJ-45), 10Base-5
Token Ring:	RJ-45, DB-9

* Standard on imageRUNNER 210N

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