



Advanced technology to advance your business

# Advanced technology to advance you

Understanding businesses are keen to enhance their digital communications in all aspects, the leading edge imageRUNNER ADVANCE C5051/5045 devices are subtly designed to cater for the increasing demands of versatile offices and companies.

Through improved design and functionality as well as alliances with specialist partners in the industry, the new imageRUNNER ADVANCE devices incorporate a brand new architecture that not only achieves advanced performance, but also eases device management and document workflows. Comparatively, higher image quality, better usability, lower operating costs, as well as improved document security and management are accomplished.

Through advanced printing, sending, storage, connectivity and communication, they remarkably enhance business processes and help enterprises develop a truly digital business environment.

Canon imageRUNNER ADVANCE deploys a groundbreaking platform for a truly digital office

Productivity

Efficiency

Cost Control

Document Sharing & Storage

Device Management

Usability

Environmental Friendly



# image RUNNER

C5051/C5045

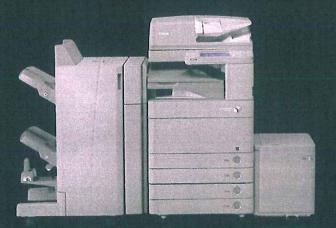
## ousiness

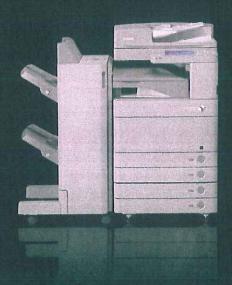
#### imageRUNNER ADANCE C5051

Color 51ppmBlack & White 51ppm

#### imageRUNNER ADANCE C5045

Color 45ppmBlack & White 45ppm







Copy / Print / Scan & Send / Fax / Scan & Store



1200 x 1200 dpi print resolution

#### Outstanding configurations

- Advanced imageCHIP system architecture
- Standard with 80GB HDD, 2GB BAM
- Compact Design

#### Impressive productivity

- Up to 51/45 ppm printing speed (Black-and-White/Color, A4)
- Up to 100 ipm single pass duplex scanning (Black-and-White/Color, A4 at 300dpi)
- · Warm-up time only 38 seconds from power ON

#### Enhanced collaboration

- Advanced Box document sharing solution
- Standard with Universal Send
- Adobe PDF formats
- Scan to and print from USB thumb drive / memory cards

#### Strong environmental consciousness

- 1W power consumption during Sleep Mode
- ENERGY STAR qualified
- Applying higher standard than EU RoHS Directive
- Reducing CO<sup>2</sup> emissions significantly
- Noise reduction design



# Powerful Performance

## **Empowering Exceptional Performance**

With imageRUNNER ADVANCE C5051/5045, users can accomplish multiple tasks concurrently with a very high speed that meets your rigid requirements. These imageRUNNER ADVANCE devices incorporate Canon's cutting edge Advanced imageCHIP system architecture, which features two processors to deliver outstanding multitasking performance.

The embedded image processing board works with the scanner, adjusts image size, and ensures superior image quality and super-fast processing. Also, the information processing board controls the user interface and coordinates device networking and connectivity.



Advanced System Architecture



Canon's Proprietary Image Sensor

## Superb Printing Quality

imageRUNNER ADVANCE C5051/5045 inherit many innovations from Canon digital systems used in professional printing companies, which include a new pQ toner, durable E-Drum (B/W), and a sophisticated controller that delivers vivid color prints with high fidelity.



PQ Toner

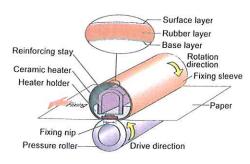
## High Speed Scanning

imageRUNNER ADVANCE C5051/5045 utilize Canon's proprietary image sensor to improve both image quality and scanning speed.

## Energy Saving Fixing Unit

The use of On Demand Fixing unit ensures better reliability than with conventional rollers, which results in reduced downtime.

Compared to the 4 minutes of the conventional model, the warm-up time of the imageRUNNER ADVANCE C5051/5045 has been drastically shortened to 38 seconds. Energy efficiency also has been significantly improved.



On Demand Fixing Unit



# Configurations

#### Various finishing options

- Stapling
  - Corner / Double
  - Booklet-making
- Hole-punching
- Inner finisher for space saving



#### High speed scanning

- · Canon's proprietary image sensor
- Up to 100 ipm single pass duplex scanning speed (Black-and-White/ Color, A4 at 300dpi)

#### Reliable consumables and supplies

- Durable E-drum (B/W) and OPC drum (Color)
- Replace toner without stop printing
- Newly developed pQ Toner

## Superior paper handling

- Up to 5,000-sheet paper capacity
- Support 52 256 g/m² paper weight
- Up to 320 x 457mm media size
- Tab / Envelope Feeding option available

#### **Finishing Options**

Staple Finisher-C1



Inner Finisher-A1



Booklet Finisher-C1



External 2 Hole Puncher-B1



Paper Handling Options

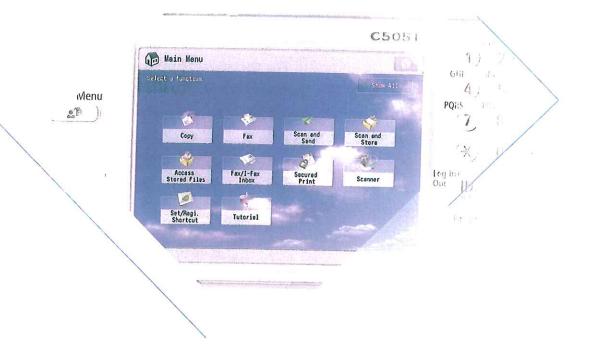




Paper Deck Unit-B1







# Smart Usability

## User-friendly LCD Control Panel Guides Users Through Tasks

The imageRUNNER ADVANCE C5051/5045 feature a large 8.4" and high-quality color SVGA TFT LCD touch screen user interface, which can organize the onscreen buttons to fit the way they work by determining their number, size and layout.

The new devices come with a new "slide-and-tilt" feature to allow users to adjust the control panel to a comfortable and accessible position.





Slide-and-tilt Control Panel

## Customizable User Interface Delivers Ideal Workflow

Users can customize screen options for individuals when authentication login is enabled. Users can personalize and speed-up access to the most relevant functions for their specific role through setting their own buttons, combining and accessing routine tasks at the touch of just one button in Quick Menu.



## Expanded Connectivity Options Make Document Work Easier

Designed to offer easier document work, users can scan to and print from a USB thumb drive directly. Also, versatile memory media, such as SD cards, Memory Sticks or CompactFlash cards, can also be connected without a PC. An optional keyboard may also be attached for easier and more comfortable typing.





Support USB thumb drive and memory media connectivity



## Environment Friendly

#### Built with Creative ECO-materials

Paying close attention to environmental protection, all imageRUNNER ADVANCE devices are constructed with eco-friendly materials. They employ certain components fabricated with 100% recycled plastic materials from retired products. Canon's innovative green technologies also include bio-based plastic materials, and a plant-derived compound that replaces certain petroleum-based plastic parts.



Bio-plastics

#### Reduction of CO<sup>2</sup> Emissions

Canon has lowered CO<sup>2</sup> emissions by focusing on each stage of the product life cycle, including manufacturing, energy use, and logistics by 30% compared with conventional model.

#### Noise Reduction Design

Various noise-reducing measures and control features are implemented in the configuration of the imageRUNNER ADVANCE C5051/C5045 to ensure minimum noise levels during both operation and standby mode.

## Complying with RoHS Directives

Canon exceeds the toughest global standards set by the EU RoHS standard, which requires the restriction of six specified hazardous substances. Canon currently restricts the use of 24 such substances.

#### High Energy Efficiency

The imageRUNNER ADVANCE Series is designed for high energy efficiency and extraordinary performance. The combination of Canon's On Demand Fixing technologies

and the new pQ toner significantly reduces overall energy consumption by minimizing heat and power requirements. When devices are in Sleep Mode, power consumption is only 1W or less.







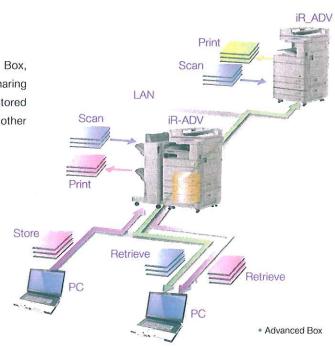
## Easy Document Sharing and Collaboration

#### Serverless File Sharing

imageRUNNER ADVANCE C5051/5045 provide Advanced Box, which utilizes dedicated hard disk space on the device for file sharing over SMB and WebDAV connections. Once files have been stored in Advanced Box, users can access these files from PCs and other imageRUNNER ADVANCE systems running on the network.

## Storing Versatile Files without Hassle

The Advanced Box supports a wide variety of file formats so that documents created on PCs can be saved as its original format in Advanced Box, including Word, Excel, PowerPoint, PDF, etc.



# Print Options

## Multiple Printer Language Selection

imageRUNNER **ADVANCE** C5051/5045 supports multiple PDLs (Page Description and multiple protocols Language) accommodate varying office environments. Supported PDLs include Canon's proprietary high-speed UFR II, PCL and Adobe® PostScript® 3™ for specific production needs. As a result, users can benefit from versatile printing solutions.

## Enhanced Performance to Foster Creativity

The devices come with some optional controllers, imagePASS-B1 and ColorPASS-GX300\*. Also, they are built with Adobe® PostScript® 3<sup>TM</sup> printing technology that supports advanced workflow and color management capabilities. They support a wide range of protocols and fit in various network environments.





imagePASS-B1

ColorPASS-GX300

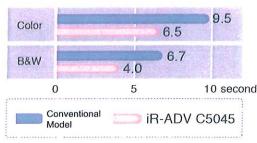
ColorPASS GX-300 is compatible with imageRUNNER ADVANCE C5051 only.



# Copy Performance

#### Continuous Copying – Excellent Performance in Color and Black-and-White

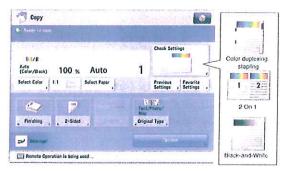
The imageRUNNER ADVANCE Series delivers continuous copy speed of up to 51 sheets per minute in both color and black-and-white (A4), capable of performing high-volume copies at fast speed. First copy output time (FCOT) is faster than that achieved by predecessor models. User can get the job done more quickly. In addition, duplex copying is supported as a standard feature.



First Copy Output Time

#### Copy Settings at a Glance

The Regular Copy Basic Features Screen displays preview images in the upper right area for users to confirm the currently specified settings, such as "2-Sided" and "N on 1" in a quick glance. Also, you can register frequently used settings in memory. This further enhances your workflow efficiency.



Copy settings at a glance

# Security Solutions

Canon has introduced advanced security related features to strengthen Device Security, Data Protection and Information Integrity.

#### Soument Security

- Document Scan Lock
- Adobe<sup>®</sup> LiveCycle<sup>®</sup> Rights Management ES
- Encrypted Secure Print
- Watermark/Secure Watermark
- Copy Set Numbering
- Encrypted PDF
- Digital Signature PDF
- Fax Forwarding
- Fax Destination Confirmation

#### **Data Security**

- Trusted Platform Module
- HDD Data Erase
- HDD Data Encryption
- Advanced Box Security
- Mail Box Password Protection
- Removable Hard Disk Drive

#### Server Security

- POP Authentication before SMTP
- SMTP Authentication

# Internet

# HDD

#### Network Securit

- IP/MAC Address Filtering
- SSL Encryption
- Network Application On/Off
- USB Port On/Off
- Destination Restriction
- IP Sec
- IEEE 802.1 x (Wire / Wireless)

#### Authentication

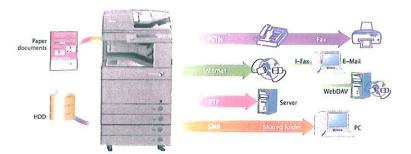
- Department ID / Control Card Systems
- · Device Level Login (SSO-H)
- · Access Management Systems (AMS)
- Function Level Login via AMS



## Smart Communication and Document

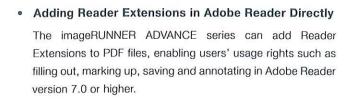
#### Simplifying Workflow in One Operation by Universal Send

Universal Send enables users to scan hard-copy originals, convert them into digital documents, and push them to multiple destinations in one operation. With this feature, image files can be sent to any network destination including E-mail addresses, file folders, Fax and I-Fax numbers. This helps users improve their digital document distribution workflow.



#### Distributing Color Data Quickly by High Compression PDF

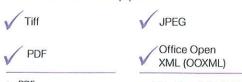
The imageRUNNER ADVANCE C5051/5045 come standard with High Compression PDF creating function, which is a Canon's proprietary document conversation technology that allows users to compress an image file into 1/10 of the original size. Hence, it reduces network burden when sending color documents, thus making smooth and easy network transfer.







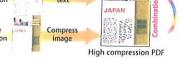
#### File Formats Supported



- PDF
- High Compression
- Searchable PDF
- Encrypted PDF
- Trace & Smooth PDF
- Digital Signature
- PDF/A1-b
- Optimize PDF for Web PDF
- Reader Extensions PDF
- Policy-protected PDF
- Office Open XML (OOXML)
- Searchable OOXMI



- XPS
- High Compression XPS
- Searchable XPS
- Digital Signature XPS



Compress

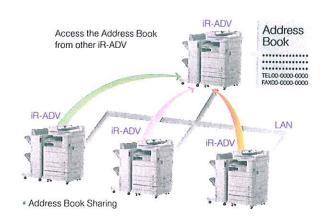


Without Reader Extensions

# Lower TCO through Effective Management

#### Address Book Sharing for Centralized Management

By registering shared destinations in the Address Book of one imageRUNNER ADVANCE device, users can access that Address Book to select sending destinations from other imageRUNNER ADVANCE devices on the network. This reduces the effort of registering the same destinations on multiple systems and facilitates centralized management.





## Distribution

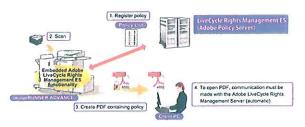


#### Enhanced File Format Support Through Scanning

The new imageRUNNER ADVANCE Series meets demanding office requirements of a wide range of file formats in scanning. Many new file formats have been added and the devices can generate a variety of Adobe PDF formats through scanning.

#### Supporting Adobe LiveCycle® Rights Management ES

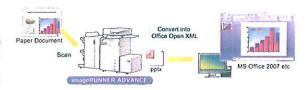
The imageRUNNER ADVANCE C5051/5045 support Adobe LiveCycle® Rights Management ES functionality via a user-installed rights management server. Users can thus assign fully editable usage rights, such as reviewing, copying, editing, or printing, to policy protected PDF files. Rights can be modified for all rights-protected files after distribution.



Adobe LiveCycle® Rights Management Outline

## Scanning Paper Documents to PowerPoint (Office Open XML) with Ease

Office Open XML is Microsoft's new and native fully-editable file format, which has been the default file format of Microsoft Office 2007 onwards. The imageRUNNER ADVANCE series supports the PowerPoint .pptx file format. Users can scan paper documents into PowerPoint files (pptx) directly and edit logos, images or text to create new presentation files.



Scan to PowerPoint

# Receiving fax documents iR-ADV without iR-ADV Fax Board with Fax Board Public Line Fax documents Receiving fax documents

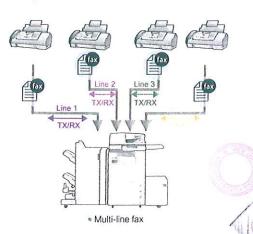
## Multi-Line Fax Support

The imageRUNNER ADVANCE C5051/5045 support up to four fax lines to accommodate users who need multiple lines for high volume fax usage. Combined with the use of Remote Fax, it provides a scalable fax solution.

# Realizing Remote Fax with Same Fax Line Sharing

Utilizing a fax-enabled imageRUNNER ADVANCE device as the

fax server, other imageRUNNER
ADVANCE devices without fax line can send and receive fax documents via the host device. This expedites business processes and reduces the expense of extra fax line.



#### imageRUNNER C5051 / C5045 Specifications

Operation Panel		8.4* SVGA Full-Color TFT Screen
Memory	RAM	2 GB (Std.) / 2.5GB (Max.)
	HDD	80 GB (Std.) / 250GB (Max.)
Copy / Print Speed (A4)	B/W / Full Color	iR-ADV C5051: 51/51 pages per minute
- 66	_	iR-ADV C5045: 45/45 pages per minute
Warm-up Time		38 seconds
First-Copy-Out Time (A4)	B/W	4.0 Seconds
195	Color	6.5 Seconds
Acceptable Originals		Sheet, Book, Three-dimensional Objects (Up to 2 kg)
Paper Sizes	Cassette	A3, B4, A4, A4R, B5, B5R, A5R, 305mm x 457mm, Irregular Size: (140mm x 182mm to 305mm x 457mm), Tab Paper <sup>1</sup> and Envelopes <sup>2</sup>
	Multi-purpose Tray	A3, B4, A4, A4R, B5, B5R, A5, A5R, 305mm x 457mm, 320mm x 450mm (SRA3), Irregular Size (99mm x 140mm to 320mm x 457mm), Tab Paper and Erivelopes
Paper Weight	Cassette	52 to 209 g/m²
	Multi-purpose Tray	52 to 256 g/m²
Paper Feeding Capacity	Cassette (1, 2)	550 sheets x 2 cassettes (Standard)
(A4, 80g/m²)	Cassette (3, 4)	550 sheets x 2 cassettes (Optional)
	Multi-purpose Tray	100 sheets (Standard)
	Paper Deck	2,700 sheets (Optional)
Halftone		256 Gradations
Magnification		25 to 400% (in increments of 1%)
Multiple Copies		999 sheets
Network Interface	Standard	Ethernet (1000Base-T / 100Base-TX / 10Base-T), USB 2.0
	Optional	Wireless LAN (IEEE 802.1x)
Power Source		220-240V AC, 50/60Hz
Maximum Power Consump	ition	1.8 kW
Dimensions (H x W x D)		801 mm x 620 mm x 735 mm (Only Main Unit)
,		1,189 mm x 620 mm x 735 mm (With Color Image Reader Unit-B1 and Cassette Feeding Unit-AD1)
Weight		Approx. 133 kg (Only Main Unit)
		Approx. 182.5 kg (With Color Image Reader Unit-B1 and Cassette Feeding Unit-AD1)

<b>Duplex Color Image</b>	Reader Uni	t-B1 (Optional)
Scanning Resolution Original paper size		600 x 600dpi A3, B4, A4, A4R, B5, B5R, A5, A5R, B6R
	2-sided	50 to 128 g/m²
Original Tray Capacity		150 sheets (80 g / m²)
Scanning speed (A4, BW / Full Color, 300dpi)	1-sided	70 images per minute
	2-sided	100 images per minute

Color Image Reade	er Unit-B1 (Op	otional)
Scanning Resolution Original paper size		600 x 600dpi A3, B4, A4, A4R, B5, B5R, A5, A5R, B6
2-sided	50 to 128 g/m <sup>2</sup>	
Original Tray Capacity		100 sheets (80 g / m²)
Scanning speed (A4, BW / Full Color, 300dpi)	1-sided	46 images per minute

Color Printing Feature	
Priniting Resolution	1,200 x 1,200dpi
UFR II Printing	
Supported PDL	Ultra Fast Rendering (UFR) II
Supported OS	Windows 2000/XP/Server 2003/Vista/Server 2008/Win7 Mac OSX (10.4.9 or later)
PCLPrinter Kit-AE1 (Optional)	
Supported PDL	PCL5c, PCL6
Supported OS	Windows 2000 / XP / Server 2003 / Vista / Server 2008 / Win7
PS Printer Kit-AE13 (Optional)	
Supported PDL	Adobe® PostScript® 3™
Supported OS	Windows 2000/XP/Server2003/Vista/Server2008/Win7, Mac OSX (10.4.9 or later)

ColorPASS-G	X 3003 (Optional)	
Connectable Device		imageRUNNER ADVANCE C5051
Туре		Console type
CPU		Intel Duo Core2 Xeon E8400 2 x 3.0 Ghz
Memory	RAM	2GB
**************************************	HDD	160GB
Interfaces (to LAN)	1	Ethernet 1000 Base-T / 100 Base-TX / 10 Base-T), USB, D-sub 15-pin connector
Supported PDL		Adobe® PostScript ® 3™
Supported OS		Windows 2000/XP/Server2003/Vista, Mac OSX (10.3.9 or later)
Utility Software		Command WorkStation, Hotfolder Ver. 2, Paper Catalogue kit, Secure Erase V1.1, Graphic Arts Package
EFI Options		Removable HDD Kit-B1, Graphic Arts Package Premium Edition Compose ver. 2.0, Impose ver. 2.7

imagePASS-E	313 (Optional)	
Connectable Device		imageRUNNER ADVANCE C5051/5045
Туре		Embedded type
CPU		Intel Celeron-M M440 1.86 GHz
Memory	RAM	512 MB (Std.) / 1GB (Max.)
'ARG	HDD	80 GB
Interfaces (to LAN	)	Ethernet 1000Base-T/100Base-TX/10Base-T), USB
Supported PDL		PCL5c / 6, Adobe® PostScript ® 3™
Supported OS		Windows 2000/XP/Server2003/Vista, Mac OSX (10.3.9 or later)
Utility Software		Command WorkStation, Paper Catalog Kit
EFI Options		512MB RAM, Hotfolder ver. 2, Impose ver. 2.7

Sending Methods		E-mail, I-FAX, SMB, File Server (FTP, WebDAV), User Inbox
Communication	File	FTP (TCP/IP), SMB (TCP/IP), WebDAV
Protocol	E-mail / I-FAX	SMTP, POP3, I-FAX (Simple, Full)
Data Format	File / E-mail	TIFF, JPEG, PDF, PDF/A, XPS, Office Open XML*, High Compression PDF, XPS, Searchable PDF/XPS/Office Open XML*, Trace and Smooth PDF*, Reader Extensions PDF*, Policy-protected PDF, Optimize PDF for Web, Encrypted PDF**, Digital Device Signature PDF/XPS***, Digital User Signature PDF/XPS***.
	I-FAX	B/W: TIFF (MH, MR, MMR) / Color: TIFF (Profile-C)
Address Book Capacity		Max. 1,800 destinations (including 200 One-Touch buttons)
		Max. 5 LDAP Servers

Super G3 Fax Feature ( O)	otional)
Applicable Line	Public Switched Telephone Network (PSTN)
Connection Lines	Max. 4 lines
Transmission Speed	33.6 kbps
Compression Method	MH, MR, MMR, JBIG

<b>Memory Media</b>	Connectivity	
Memory Media supported	USB Port (Standard)	USB Thumb Drive
	Multimedia Reader / Writer <sup>4</sup> (Optional)	SD, SDHC, CompactFlash, Memory Stick, Memory Stick Pro, Microdrive
Supported File Formats	Scanning	TIFF, JPEG, PDF, PDF/A, High Compression PDF, Searchable PDF*, Trace and Smooth PDF*, Reader Extensions PDF*, Policy-protected PDF Optimize PDF for Web, Encrypted PDF**, Device Signature PDF**, Digital User Signature PDF***
	Printing	TIFF, JPEG, PDF35

Cassette Feeding Unit-AD1 (Opt	ional)
Paper Size	A3, B4, A4, A4R, B5, B5R, A5R, 305mm x 457mm, Irregular Size (140mm x 182mm to 305mm x 457mm)
Paper Feeding Capacity (A4, 80g/m²)	550 sheets x 2 cassettes
Acceptable Paper Weight	52 to 209 g/m²

Inner Finishe	r-A1 (Optional)		
Tray Capacity		500 sheets (A4, 80 g/m²)	
Paper Size	Corner / Double	A3, B4, A4, A4R, B5	
Maximum Staple	Capacity	50 sheets (A4, 80 g/m²)	

Staple Finisher	r-C1 <sup>6</sup> /Booklet Finis	her-C1 <sup>6</sup> (Optional)	
Tray Capacity	Upper Tray	1,300 sheets (A4, 80g/m²)	
	Lower Tray	1,700 sheets (A4, 80g/m²)	
Paper Size	Corner/Double	A3, B4, A4, A4R, B5	
	Saddle Stitch'	A3, B4, A4R, 305 mm x 457 mm	
Maximum Staple Capacity	Corner / Double	50 sheets (A4, 80 g/m²)	
	Saddle Stitch'	16 sheets (A4, 80g/m²)	
Dimensions (H x W x D)	Staple Finisher-C1	1,097 mm x 677 mm x 646 mm	
	Booklet Finisher-C1	1,097 mm x 789 mm x 646 mm	

Paper Deck Unit-B1 (Optional)		
Paper Size	A4	
Paper Capacity	2,700 sheets (A4, 80 g/m²)	
Dimensions (H x W x D)	473 mm x 372 mm x 603 mm	

- Requires Tab Feeding Attachment Kit-B1
   Requires Envelope Feeder Attahcment-D1
- Requires 512MB RAM Type B
   Requires USB Device Port-B1 and Multimedia Reader / Writer-A1
- Requires Universal Send Advanced Feature Set-D1
- " Requires Universal Send Security Feature Set-D1
- \*\*\* Requires Universal Send Digital User Signature Krt-C1
- 5 Requires PS Printer Kit-AE1
- 6 Requires Buffer Pass Unit-G1 7 Available with Booklet Finisher-C1 only
- 8 Requires Staple Finisher-C1 or Booklet Finisher-C1

#### **Additional Optional Accessories** Finishing Options

- External 2 Hole Puncher-B1
   Copy Tray-J1
- Inner Finisher Additional Tray-A1
- Inner 2 Way Tray-F1
   Buffer Pass Unit-G1

- Paper Supply Options
   Tab Feeding Attachment Kit-B1
- Envelope Feeder Attahoment-D1

#### Printing Options Barcode Printer Krt-D1

- Send & Fax Options Universal Send Advanced Feature Set-D1
- Universal Send Security Feature Set-D1
   Digital User Signature Kit-A1
- · Remote Fax Kit-A1

#### Connectivity Options

- Wireless LAN Board-B1
  Web Access Software-H1

#### Security Options

- Data Erase-C1
   HDD Mrroring Krt-D1
   HDD Data Encryption & Mirroring Krt-C1
- Encrypted Printing Software-D1
   Secure Watermark-B1
- . Document Scan Lock Kit-A1
- IPsec Board-B2

## Memory Options • 512MB RAM Type B

- 2.5 Inch/80GB HDD-C1
   2.5 Inch/250GB HDD-D1

#### Accessibility Options

\* Remote Operation Kit-B1

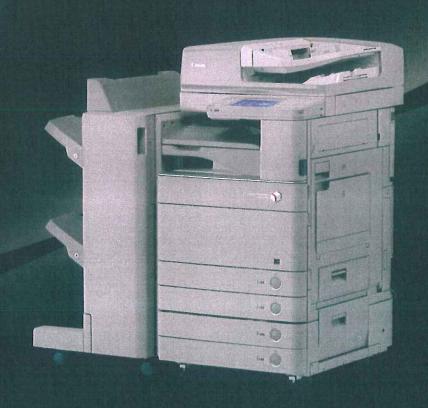


CANON HONGKONG COMPANY LTD. 19/F., The Metropolis Tower, 10 Metropolis Drive, Hunghom, Kowloon, Hong Kong Hotline: 3191 2388 Website: http://www.canon.com.hk CANON MARKETING (PHILIPPINES), INC. Ground Floor Commerce and Industry Plaza. Campus Ave. cor. Park Ave., McKinley Hill, Fort Bonifacio, Taguig City Tel: (632) 884-9000 Fax: (632) 894-4174 Website: http://www.canon.com.ph



## imageRUNNER ADVANCE

C5051/C5045



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