

imageRUNNER 2224 Series

SECURE, EFFICIENT AND HIGHLY RELIABLE A3 BW MULTIFUNCTION PRINTERS

MAIN CONFIGURATION OPTIONS



Handset-K1



DADF-AY2



Duplex Unit-E1



iR 2224iF



iR 2224N



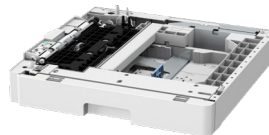
iR 2224



C-EXV 42 DRUM UNIT



C-EXV 42 TONER
• Yield 10,200 impressions (A4)



CASSETTE FEEDING UNIT AK-1
• 250 sheets capacity
• Media weight 64 - 90 gsm
• Supports up to A3



PLAIN PEDESTAL TYPE J-2
• Raises the device, no additional media supply

This flat configuration is for illustration purpose only. For a complete list of options and the exact compatibility, please refer to the Online Product Configurator or consult your sales representative.

Canon

TECHNICAL SPECIFICATIONS

imageRUNNER 2224 Series

MAIN UNIT		COPY SPECIFICATIONS	
Machine type	A3 Monochrome Laser Multifunctional	Copy Speed	DADF: 1-sided: Up to 24 ppm (A4), Up to 12 ppm (A3), Up to 11 ppm (A4R)
Core functions	iR 2224iF: Print, Copy, Scan, Send, and Fax iR 2224N: Print, Copy, Scan, and optional Send iR 2224: Print, Copy, and Scan		2-sided: Up to 16.7 ppm (A4), Up to 7.5ppm (A3), Up to 7.8ppm (A4R)
Processor	1.6GHz Dual Core Processor	First-Copy-Out Time (BW)	Platen: Approx. 7.4 seconds or less (A4)
Control Panel	8.9 cm/3.5 inch monochrome Touch panel	Copy resolution (dpi)	600x 600
Memory	Standard: 1.0GB RAM	Multiple Copies	up to 999 copies
Storage	Standard: 2GB eMMC	Copy Density	Automatic or Manual (9 Levels)
Interface Connection	iR2224iF/2224N: NETWORK Standard: 100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n) OTHERS Standard: USB 2.0 (Device) x1	Magnification	25% - 400% (1% Increments) Preset reduction/enlargement: 25%, 50%, 70%, 100%, 141%, 200%, 400%
	iR2224: USB 2.0 (device) x1	Copy Features	Preset R/E Ratios by Area, Two-Sided*, Density Adjustment, Original Type Selection, Two-sided Original, Sort, N on 1, Different Size Originals, Sharpness, Erase Frame, Copy ID Card, Copy Passport * Std on 2224iF, Opt on 2224N only
Paper Supply Capacity (A4, 80gsm)	Standard: 350 sheets Maximum: 600 sheets (with Cassette Feeding Module-AK1)		
Paper output capacity (A4, 80gsm)	Standard: 250 sheets Maximum: 250 sheets	SCAN SPECIFICATIONS	
Finishing capabilities	Collate, Group	Type	iR 2424iF: Standard Duplexing Automatic Document Feeder [2-sided to 2-sided] iR 2424N: Standard Platen Cover and optional Duplexing Automatic Document Feeder [2-sided to 2-sided] iR 2424: Standard Platen Cover
Supported media types	Multi-purpose Tray: Thin, Plain, Recycled, Thick, Color, Bond, Transparency, Label, Pre-punched, Envelope	Document Feeder Paper Capacity	50 Sheets (80sm)
	Paper Cassette: Plain, Recycled, Color, Pre-punched	Acceptable Originals and weights	Platen: Sheet, Book Document Feeder sheet media weight: 1-sided/2-sided continuous scanning: 52 to 105 gsm (BW/CL)
Supported media sizes	Multi-purpose tray: A3, A4, A4R, A5, A5R, B4, B5, B5R, Envelope (COM10, Monarch, DL, ISO-C5) Custom size: Min. 95.0 x 148.0mm up tp 297.0 x 431.8mm	Supported media sizes	Only 1-sheet feeding is supported in 37-52 and 105-128 gsm Platen: max. scanning size: 297.0 x 432.0 mm Document Feeder media size: A3, A4, A4R, A5, A5R, B4, B5, B5R Custom size: 128.0 x 148.0 mm to 297.0 x 432.0 mm
Supported media weights	Paper Cassette: Standard size: A3, A4, A4R, A5R, B4, B5, B5R Multi-purpose tray: 60 to 157 gsm Paper Cassettes: 64 to 90 gsm Duplex: 60 to 90 gsm	Scan Speed (ipm: BW/CL; A4)	DADF: 1-sided Scanning: 35/25 (300 dpi, send), 25 (600 dpi, copy)
Warm-up Time	From Power On: 13 Seconds or Less* * Time from device power-on, until copy ready (not print reservation) Quick start mode: N/A From Sleep Mode: 4.3 Seconds or Less	Pull Scan Specifications	2-sided Scanning: 12/8 (300 dpi, send), 8 (600 dpi, copy)
Dimensions (W x D x H)	iR 2224iF/2224N (with DADF): 627 x 607 x 606 mm iR 2224/2224N (with Platen cover): 627 x 589 x 502 mm	Scan Resolution (dpi)	Scan for Copy: up to 600 x 600 Scan for Send: (Push) up to 300 x 600, (Pull) up to 600 x 600 Scan for Fax: up to 200 x 400
Installation Space(W x D)	1065 x 1285 mm	Universal Send Features	ScanGear MF For both TWAIN and WIA Windows*8.1/ Windows*10/ Windows*11 macOS (10.12 or later)
Weight	Standard: iR 2224iF: Approx. 37.5 kg without toner iR 2224N: Approx. 31.6 kg without toner iR 2224: Approx. 32.3 kg including toner	Scan Method	Push scan, Pull scan, Scan to Network
PRINT SPECIFICATIONS		SEND SPECIFICATIONS	
Print Speed (BW)	1-sided: Up to 24 ppm (A4), Up to 12 ppm (A3), Up to 11 ppm (A4R)	Standard/Optional	iR 2224iF: Standard iR 2224N: Optional
Print Resolution (dpi)	2-sided: Up to 16.7 ppm (A4), Up to 7.5ppm (A3), Up tp 7.8ppm (A4R)	Destination	Standard: E-mail(SMTP), SMB3.0
Page description languages	Up to 1,200 x 1,200 iR2224iF/2224N Standard: UFR II, PCL6/PCL5 iR2224 Standard: UFR II	Address Book/Speed dials	LDAP (50)/Local (300)/Speed dial (296)
Printing from mobile and cloud Application	iR2224iF/2224N only: Apple AirPrint, Canon PRINT Business, Mopria, Canon Print Service. A range of software solutions is available to provide printing from mobile devices or internet-connected devices and cloud-based services depending on your requirements. Please contact your sales representative for further information	Send resolution (dpi)	Push: 300 x 600 (SMB/FTP/Email) Pull: 50 x 50, 75 x 75, 150 x 150, 200 x 200, 300 x 300, 400 x 400*, 600 x 600* * color mode is black and white only
OS Standard Printing	Android/Windows* 10/Chrome OS/macOS (11.2.2)/ iOS/iPadOS	Communication protocol	File: SMB3.0 (TCP/IP) Email: SMTP (send)
Fonts	PCL fonts: 45 Roman, 10 Bitmap fonts	File Format	Standard: TIFF, JPEG*, PDF, PDF (Compact) * Single Page Only
Print Features	Watermark, Header/Footer, Page Layout, Two-sided Printing*, Mixed Paper Sizes/Orientations, Toner Reduction, Poster Printing, Print Date * Std on 2224iF, Opt on 2224N only		Original Type Selection, Two-sided Original, Different-size Originals, Density Adjustment, Sharpness, Preview, File Name, Subject/Message, Reply-to, E-mail Priority, TX Report
Operating System	UFR II: Windows*8.1 / Windows*10 / Windows*11 / Windows*Server2012 / Windows*Server2012 R2 / Windows*Server2016 / Windows*Server2019 / Windows*Server2022 PCL: Windows*8.1 / Windows*10 / Windows*11 / Windows*Server2012 / Windows*Server2012 R2 / Windows*Server2016 / Windows*Server2019 / Windows*Server2022 PPD: Windows*8.1/Windows*10/Windows*11 As of Nov 2022		



TECHNICAL SPECIFICATIONS

imageRUNNER 2224 Series

FAX SPECIFICATIONS

Optional/ standard	iR 2224iF: Standard iR 2224/iR2224N: n/a
Maximum Number of Connection Lines	1
Modem Speed	SuperG3: 33.6kbps, G3: 14.4kbps
Compression Method	MH, MR, MMR, JBIG
Resolution (dpi)	200 x 400 (Superfine), 200 x 200 (Fine), 200 x 100 (Normal)
Sending/Recording Receiving Size	Sending: A3, A4, A4R, A5* ² , A5R* ² , B4, B5* ¹ , B5R* ² , Receiving: A3, A4, A4R, A5R, B4, B5, B5R, * ¹ Sent as B4 * ² Sent as A4
FAX memory	Up to 512 pages
Speed dials	Max. 296
Group dials/destinations	Max. 299 dials
Sequential broadcast	Max. 310 addresses
Memory backup	Yes
Fax Features	Sender's Name (TTI), Direct Send, TX Report, Sequential Broadcasting

SECURITY SPECIFICATIONS

Authentication and Access Control	Department ID Authentication (Department ID and PIN Login, Function Level Login)
Document Security	Print Security (SecurePrint), Send Data Security (Restricted E-mail/File send functions, Confirming FAX number, Allow/Restrict Fax Driver Transmissions, Allow/Restrict Sending from History)
Network Security	TLS 1.3, IPSec, IEEE802.1X authentication, SNMPv3, Firewall Functionality (IP Address Filtering), Enabling/ Disabling (Network Applications, Remote UI, USB Interface), G3 FAX separation from LAN, USB Port separation from LAN
Device Security	Standard HDD/SSD Initialize, Job Log Conceal Function, Protecting MFP Software Integrity, Verify System at Startup (NIST SP800-193)
Device Management and Auditing	Administrator Password, Digital Certificate and Key Management*, Security Policy Setting* * iR 2224iF/2224N only

ENVIRONMENTAL SPECIFICATIONS

Operating Environment

Temperature: 10 to 30 °C
Humidity: 20 to 80% RH (Relative Humidity)
220-240V 50/60Hz (2.8A)
Maximum: Approx. 1,500 W
Standby: Approx. 15.5
Sleep mode: Approx. 0.9 W

Power source

Power consumption

Typical Electricity Consumption (TEC)*:
iR2224: 0.26kWh
iR2224N/iR2224iF: 0.28kWh
* As per US Energy Star 3.0

For detailed information relating to Lot26 regulation,
please go to:
https://www.canon-europe.com/for_work/lot26/

Sound Power Level (LWA,m)
Active (1-sided): 6.7B*, Kv: 0.3B*

Sound Pressure Level (LpAm)
Bystander's position:
Active (1-sided): 55 dB*

* Reference value: measured only one unit with ISO7779, described with
ISO9296:2017

Noise levels (BW/CL)

CONSUMABLES

Toner Cartridge/s

Toner (Estimated Yield @ 5% Coverage)

C-EXV 42 TONER BK EUR

Black: 10,200 impressions (A4)

SOFTWARE AND PRINTER MANAGEMENT

Remote management tools

iWEMC
eMaintenance
ScanGear
Canon Driver Configuration Tool
iW Desktop

Scanning software

Optimisation tools

Document Publishing

PAPER SUPPLY OPTIONS

Feeder Options

Cassette Feeding Module-AK1
Paper Capacity: 250 sheets x 1 (80 gsm)
Paper Type: Plain, Recycled, Color, Pre-punched
Paper Size: A3, A4, A4R, A5, B4, B5, B5R
Custom Size: -
Paper Weight: 64 to 90 gsm
Power Source: Main Unit
Dimensions (W x D x H): 581 x 575 x 92 mm
Weight: Approx. 5.8 kg

Duplex Unit-E1

Enables automatic double-sided printing*

* iR 2224N only

DADF-AY2

Duplexing Automatic Document
Feeder [2-sided to 2-sided]*

* iR 2224N only

SYSTEM AND CONTROLLER OPTIONS

SEND OPTIONS

CLR SEND KIT-AC1

FAX ACCESSORIES

HANDSET-K1

Software & Solutions



Certifications and compatibility



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