

## 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**

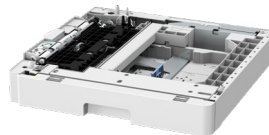


**C-EXV 42 DRUM UNIT**



**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

<b>MAIN UNIT</b>		<b>COPY SPECIFICATIONS</b>	
<b>Machine type</b>	A3 Monochrome Laser Multifunctional	<b>Copy Speed</b>	DADF: 1-sided: Up to 24 ppm (A4), Up to 12 ppm (A3), Up to 11 ppm (A4R)
<b>Core functions</b>	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)
<b>Processor</b>	1.6GHz Dual Core Processor	<b>First-Copy-Out Time (BW)</b>	Platen: Approx. 7.4 seconds or less (A4)
<b>Control Panel</b>	8.9 cm/3.5 inch monochrome Touch panel	<b>Copy resolution (dpi)</b>	600x 600
<b>Memory</b>	Standard: 1.0GB RAM	<b>Multiple Copies</b>	up to 999 copies
<b>Storage</b>	Standard: 2GB eMMC	<b>Copy Density</b>	Automatic or Manual (9 Levels)
<b>Interface Connection</b>	iR2224iF/2224N: NETWORK Standard: 100Base-TX/10Base-T, Wireless LAN (IEEE 802.11 b/g/n) OTHERS Standard: USB 2.0 (Device) x1	<b>Magnification</b>	25% - 400% (1% Increments) Preset reduction/enlargement: 25%, 50%, 70%, 100%, 141%, 200%, 400%
	iR2224: USB 2.0 (device) x1	<b>Copy Features</b>	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
<b>Paper Supply Capacity (A4, 80gsm)</b>	Standard: 350 sheets Maximum: 600 sheets (with Cassette Feeding Module-AK1)	<b>SCAN SPECIFICATIONS</b>	
<b>Paper output capacity (A4, 80gsm)</b>	Standard: 250 sheets Maximum: 250 sheets	<b>Type</b>	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
<b>Finishing capabilities</b>	Collate, Group	<b>Document Feeder Paper Capacity</b>	50 Sheets (80sm)
<b>Supported media types</b>	Multi-purpose Tray: Thin, Plain, Recycled, Thick, Color, Bond, Transparency, Label, Pre-punched, Envelope	<b>Acceptable Originals and weights</b>	Platen: Sheet, Book Document Feeder sheet media weight: 1-sided/2-sided continuous scanning: 52 to 105 gsm (BW/CL)
<b>Supported media sizes</b>	Paper Cassette: Plain, Recycled, Color, Pre-punched	<b>Supported media sizes</b>	Only 1-sheet feeding is supported in 37-52 and 105-128 gsm
	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 to 297.0 x 431.8mm	<b>Scan Speed (ipm: BW/CL; A4)</b>	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
<b>Supported media weights</b>	Paper Cassette: Standard size: A3, A4, A4R, A5R, B4, B5, B5R		DADF: 1-sided Scanning: 35/25 (300 dpi, send), 25 (600 dpi, copy)
	Multi-purpose tray: 60 to 157 gsm Paper Cassettes: 64 to 90 gsm Duplex: 60 to 90 gsm	<b>Scan Resolution (dpi)</b>	2-sided Scanning: 12/8 (300 dpi, send), 8 (600 dpi, copy)
<b>Warm-up Time</b>	From Power On: 13 Seconds or Less* * Time from device power-on, until copy ready (not print reservation)	<b>Pull Scan Specifications</b>	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
	Quick start mode: N/A From Sleep Mode: 4.3 Seconds or Less	<b>Scan Method</b>	ScanGear MF For both TWAIN and WIA Windows*8.1/ Windows*10/ Windows*11 macOS (10.12 or later)
<b>Dimensions (W x D x H)</b>	iR 2224iF/2224N (with DADF): 627 x 607 x 606 mm iR 2224/2224N (with Platen cover): 627 x 589 x 502 mm		Push scan, Pull scan, Scan to Network
<b>Installation Space(W x D)</b>	1065 x 1285 mm	<b>SEND SPECIFICATIONS</b>	
<b>Weight</b>	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	<b>Standard/Optional</b>	iR 2224iF: Standard iR 2224N: Optional
<b>PRINT SPECIFICATIONS</b>		<b>Destination</b>	Standard: E-mail(SMTP), SMB3.0
<b>Print Speed (BW)</b>	1-sided: Up to 24 ppm (A4), Up to 12 ppm (A3), Up to 11 ppm (A4R)	<b>Address Book/Speed dials</b>	LDAP (50)/Local (300)/Speed dial (296)
	2-sided: Up to 16.7 ppm (A4), Up to 7.5ppm (A3), Up to 7.8ppm (A4R)	<b>Send resolution (dpi)</b>	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
<b>Print Resolution (dpi)</b>	Up to 1,200 x 1,200	<b>Communication protocol</b>	File: SMB3.0 (TCP/IP) Email: SMTP (send)
<b>Page description languages</b>	iR2224iF/2224N Standard: UFR II, PCL6/PCL5 iR2224 Standard: UFR II	<b>File Format</b>	Standard: TIFF, JPEG*, PDF, PDF (Compact) * Single Page Only
<b>Printing from mobile and cloud Application</b>	iR2224iF/2224N only: Apple AirPrint, Canon PRINT Business, Mopria, Canon Print Service.	<b>Universal Send Features</b>	Original Type Selection, Two-sided Original, Different-size Originals, Density Adjustment, Sharpness, Preview, File Name, Subject/Message, Reply-to, E-mail Priority, TX Report
	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		
<b>OS Standard Printing</b>	Android/Windows* 10/Chrome OS/macOS (11.2.2)/ iOS/iPadOS		
<b>Fonts</b>	PCL fonts: 45 Roman, 10 Bitmap fonts		
<b>Print Features</b>	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		
<b>Operating System</b>	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)
Power source	220-240V 50/60Hz (2.8A)
Power consumption	Maximum: Approx. 1,500 W Standby: Approx. 15.5 Sleep mode: Approx. 0.9 W
Noise levels (BW/CL)	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: <a href="https://www.canon-europe.com/for_work/lot26/">https://www.canon-europe.com/for_work/lot26/</a> 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

## CONSUMABLES

Toner Cartridge/s	C-EXV 42 TONER BK EUR
Toner (Estimated Yield @ 5% Coverage)	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  Enables automatic double-sided printing* * iR 2224N only  Duplexing Automatic Document Feeder [2-sided to 2-sided]* * iR 2224N only
Duplex Unit-E1	
DADF-AY2	

## SYSTEM AND CONTROLLER OPTIONS

SEND OPTIONS	CLR SEND KIT-AC1
FAX ACCESSORIES	HANDSET-K1

## Software & Solutions



## Certifications and compatibility



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