imageRUNNER 2224 Series

SECURE, EFFICIENT AND HIGHLY RELIABLE A3 BW MULTIFUNCTION PRINTERS

MAIN CONFIGURATION OPTIONS

Handset-K1

DADF-AY2

Duplex Unit-E1

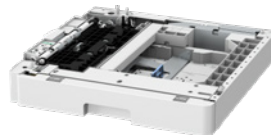**iR 2224iF**

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

Machine type	A3 Monochrome Laser Multifunctional
Core functions	iR 2224iF: Print, Copy, Scan, Send, and Fax iR 2224N: Print, Copy, Scan, and optional Send iR 2224: Print, Copy, and Scan
Processor	1.6GHz Dual Core Processor
Control Panel	8.9 cm/3.5 inch monochrome Touch panel
Memory	Standard: 1.0GB RAM
Storage	Standard: 2GB eMMC
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 iR2224: USB 2.0 (device) x1
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
Finishing capabilities	Collate, Group
Supported media types	Multi-purpose Tray: Thin, Plain, Recycled, Thick, Color, Bond, Transparency, Label, Pre-punched, Envelope Paper Cassette: Plain, Recycled, Color, Pre-punched
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 Paper Cassette: Standard size: A3, A4, A4R, A5R, B4, B5, B5R
Supported media weights	Multi-purpose tray: 60 to 157 gsm Paper Cassettes: 64 to 90 gsm Duplex: 60 to 90 gsm
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
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
Installation Space(W x D)	1065 x 1285 mm
Weight	Standard: iR 2224iF: Approx. 37.5 kg without toner iR 2224N: Approx. 31.6 kg witout toner iR 2224: Approx. 32.3 kg including toner

PRINT SPECIFICATIONS

Print Speed (BW)	1-sided: Up to 24 ppm (A4), Up to 12 ppm (A3), Up to 11 ppm (A4R) 2-sided: Up to 16.7 ppm (A4), Up to 7.5ppm (A3), Up tp 7.8ppm (A4R)
Print Resolution (dpi)	Up to 1,200 x 1,200
Page description languages	iR2224iF/2224N Standard: UFRII, PCL6/PCL5 iR2224 Standard: UFRII
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
OS Standard Printing	Android/Windows® 10/Chrome OS/macOS (11.2.2)/iOS/iPadOS
Fonts	PCL fonts: 45 Roman, 10 Bitmap fonts
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
Operating System	UFRII: 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

COPY SPECIFICATIONS

Copy Speed	DADF: 1-sided: Up to 24 ppm (A4), Up to 12 ppm (A3), Up to 11 ppm (A4R) 2-sided: Up to 16.7 ppm (A4), Up to 7.5ppm (A3), Up to 7.8ppm (A4R)
First-Copy-Out Time (BW)	Platen: Approx. 7.4 seconds or less (A4)
Copy resolution (dpi)	600x 600
Multiple Copies	up to 999 copies
Copy Density	Automatic or Manual (9 Levels)
Magnification	25% - 400% (1% Increments) Preset reduction/enlargement: 25%, 50%, 70%, 100%, 141%, 200%, 400%
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

SCAN SPECIFICATIONS

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
Document Feeder Paper Capacity	50 Sheets (80sm)
Acceptable Originals and weights	Platen: Sheet, Book Document Feeder sheet media weight: 1-sided/2-sided continuous scanning: 52 to 105 gsm (BW/CL) Only 1-sheet feeding is supported in 37-52 and 105-128 gsm
Supported media sizes	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
Scan Speed (ipm: BW/CL; A4)	DADF: 1-sided Scanning: 35/25 (300 dpi, send), 25 (600 dpi, copy) 2-sided Scanning: 12/8 (300 dpi, send), 8 (600 dpi, copy)
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
Pull Scan Specifications	ScanGear MF For both TWAIN and WIA Windows®8.1/ Windows®10/ Windows®11 macOS (10.12 or later)
Scan Method	Push scan, Pull scan, Scan to Network

SEND SPECIFICATIONS

Standard/Optional	iR 2224iF: Standard iR 2224N: Optional
Destination	Standard: E-mail(SMTP), SMB3.0
Address Book/Speed dials	LDAP (50)/Local (300)/Speed dial (296)
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
Communication protocol	File: SMB3.0 (TCP/IP) Email: SMTP (send)
File Format	Standard: TIFF, JPEG*, PDF, PDF (Compact) * Single Page Only
Universal Send Features	Original Type Selection, Two-sided Original, Different-size Originals, Density Adjustment, Sharpness, Preview, File Name, Subject/Message, Reply-to, E-mail Priority, TX Report

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 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/
Noise levels (BW/CL)	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
Scanning software	ScanGear
Optimisation tools	Canon Driver Configuration Tool
Document Publishing	iW Desktop

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 2224 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

universal login manager

Business Canon

Certifications and compatibility

AirPrint

mopria ALLIANCE

Microsoft 365

Canon