IMPROVE SUSTAINABILITY WITH REMANUFACTURED A3 MONO DEVICES, OFFERING ENHANCED DOCUMENT SECURITY FOR EVERY WORKSPACE

Main configuration options

COLOUR IMAGE READER UNIT-H1
AS STANDARD





INNER FINISHER D1-ER

- Capacity: A4/A5R 1,000 sheets, A3/A4R 500 sheets
- Paper Weight: 52 to 220 gsm
- Staple Position: Corner, Double
- Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets



INNER 2 WAY TRAY-H1

- Adds a second internal output tray and increases capacity to 450 sheets



imageRUNNER ADVANCE
EQ80 4225i/4245i



CASSETTE FEEDING UNIT
AS STANDARD

- 4 x 550 Sheets (80 gsm)

TECHNICAL SPECIFICATIONS

imageRUNNER ADVANCE EQ80 4200 Series

MAIN UNIT	
Machine type	Monochrome Laser Multifunctional
Core functions	Print, Copy, Scan, Send, Store and Optional Fax
Processor Speed	1.8 Ghz
Control Panel	21.3 cm(8.4 inch) TFT SVGA Colour Touchscreen
Memory	Standard: 1GB+256MB
Hard Disk drive	Standard: 160GB
Interface Connection	NETWORK Standard: 1000BaseT/100Base-TX/10Base-T OTHERS: 1 x USB Host (2.0), Additional 2x USB Host (2.0) (Optional)
Network Protocols	TCP/IP* (LPD/ Port 9100/ WSD/ IPP/ IPPS/ SMB/ FTP), IPX/ SPX (NDS, Bindery), AppleTalk *IPv4/IPv6 support
Paper Input (Standard)	4 x 550-sheet cassettes (80gsm) 80-sheet multi-purpose tray (80gsm)
Maximum Paper Input Capacity	2,280 sheets (80 gsm)
Paper output capacity	Without Finisher: 250 Sheets (A4, 80gsm) With Inner Finisher: 1,000 Sheets (A4, 80gsm)
Finishing capabilities	Standard: Collete, Group With Inner Finisher: Collate, Group, Staple
Supported media types	Cassette/s: Plain paper, Recycled paper, Colour paper, Heavy paper, Punch Multi-purpose tray: Plain paper, Recycled paper, Colour paper, Heavy paper, Punch, Bond, Transparency, Label, Envelope
Supported media sizes	Paper Drawer 1: Standard size: A4, A4R, A3, A5R Free size: (139.7mm x 182.0mm x 431.8mm) Paper Drawer 2, 3 and 4: Standard size: A4, A4R, A3, A5R, Free size: (139.7 mm x 182.0 mm to 297.0 mm x 431.8 mm) Multi-purpose tray: Standard size: A4, A4R, A3, A5, A5R, B5 Free size: (99mm x 148mm to 297 mm to 432 mm), Envelopes (No.10 (COM10), ISO-B5, Monarch, ISO-C5,DL)
Supported media weights	Cassette/s: 60 to 128 gsm Multi-purpose tray: 52 to 220 gsm Duplex: 60 to 105 gsm
Warm-up Time	30 sec or less from Power ON, 10 sec or less from Power ON (Quick Start mode)
Dimensions (W x D x H)	565 mm x 708 mm x 1150 mm
Installation Space (W x D)	1094 mm x 1267 mm (Minimum configuration with access to paper cassettes and for service purposes)
Weight	Approx. 77.9 kg
PRINT SPECIFICATIONS	
Printing method	Monochrome Laser Beam Printing
Print Speed (BW)	iR-ADV 4225i EQ80: 25 ppm (A4), 15 ppm (A3), 17 ppm (A4R), 17 ppm (A5R) iR-ADV 4245i EQ80: 45 ppm (A4), 22 ppm (A3), 32 ppm (A4R), 20 ppm (A5R)
Print Resolution	1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi
Page description languages	UFRII (Standard) PCL5e/6 (Standard) Optional Adobe PostScript Level 3 (Requires PS PRINTER KIT-AY1)
Double Sided Printing	Automatic (Standard)
Direct Print	Direct printing available from USB memory key, Advanced space, Remote UI and Web Access * Supported file types: TIFF, JPEG, PDF※ and XPS** *Only PDF print from websites is supported **Requires PS Printer Kit for PDF or Direct Print Kit for PDF/XPS
Printing from mobile and cloud	A range of software and MEAP-based 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
Fonts	PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T* (Japanese, Korean, Simplified and Traditional Chinese) , Barcode fonts** *Requires optional PCL INTERNATIONAL FONT SET-A1 **Require optional BARCODE PRINTING KIT-D1 PS fonts: 136 Roman
Print Features	Suspend Job Timeout, Subset Finishing, Profile Settings, Secured Print, Watermark, Page Border, Header/Footer, Page Layout, Two-sided Printing, Collating, Grouping, Mixed Paper Sizes/ Orientations, Offsetting, Printing on Transparencies, Front/Back Covers, Toner Reduction, Poster Printing
Operating System	UFRII: Windows® 7/8.1/10/Server2008/Server2008 R2/ Server2012/Server2012 R2/Server2016/Server2019, Mac OS X(10.10 or later) PCL: Windows® 7/8.1/10/Server2008/Server2008 R2/ Server2012/Server2012 R2/Server2016/Server2019 PS: Windows® 7/8.1/10/Server2008/Server2008 R2/ Server2012/Server2012 R2/Server2016/Server2019, Mac OS X(10.10 or later) PPD: Windows® 7/8.1/10, Mac OS X(10.9 or later) Please refer to http://software.canon-europe.com/ for availability of print solutions for other operating systems and environments including AS/400, UNIX, Linux and Citrix. Some of these solutions are chargeable.
COPY SPECIFICATIONS	
Copy Speed	iR-ADV 4225i EQ80: 25 ppm (A4), 15 ppm (A3), 17 ppm (A4R), 17 ppm (A5R) iR-ADV 4245i EQ80: 45 ppm (A4), 22 ppm (A3), 32 ppm (A4R), 20 ppm (A5R)
First-Copy-Out Time (BW)	iR-ADV 4225i EQ80: Approx. 5.2 seconds or less iR-ADV 4245i EQ80: Approx. 3.8 seconds or less
Copy resolution	Reading: 600 dpi x 600 dpi Printing: Up to 1,200 dpi x 1,200 dpi
Multiple Copies	Up to 999 copies
Copy Exposure	Automatic or Manual
Magnification	25% - 400% (1% Increments)
Preset Reductions	25%, 50%, 70%, 100%
Preset Enlargements	141%, 200%, 400%
Basic Copy Features	Paper Setting, Previous Setting, Favourite Setting, Finishing, Two-Sided, Density Adjustment, Exposure Adjustment, Original Type Selection, Interrupt Mode, Setting Confirmation/Cancel
Special Copy Features	Book to Two Pages, Two-sided Original, Finishing, Job Build, N on 1, Add Cover, Insert Sheets, Different Size Originals, Density Adjustment, Original Type Selection, Transparency Cover Sheets, Page Numbering, Copy Set Numbering, Sharpness, Erase Frame, Secure Watermark, Print Date, Shift, Gutter, Print & Check, Negative/Positive, Repeat Images, Merge Job Blocks, Job Done Notice, Mirror Image, Store in Mail Box, Superimpose Image, Cascade Copy, Free Size Original
SCAN SPECIFICATIONS	
Standard type	Standard: Reader and Duplexing Automatic Document Feeder (RADF)
Pull Scan Specifications	Color Network ScanGear2. For both TWAIN and WIA Supported OS: Windows® 7/8.1/10/Server2008/ Server2008 R2/Server2012/Server2012 R2/Server 2016
Scan Resolution	100dpi, 150dpi, 200 x 100dpi, 200dpi, 200 x 400dpi, 300dpi, 400dpi
Acceptable Originals/Weights	Media size: A3, A4, A4R, A5, A5R, Custom sizes (W x L): Max 297 mm x 432 mm Min. 128 mm x 148 mm Media weight: Single-sided scanning: 42 to 128 g/m² Double-sided scanning: 50 to 128 g/m²
Scan Method	Send functionality available on all models Scan to USB Memory Key: Available on all models Scan to Mobiles or internet-connected devices: A range of optional solutions is available to provide scanning to mobile devices or internet-connected devices depending on your requirements. Please contact your sales representative for further information Scan to cloud-based services: A range of optional solutions is available to provide scanning to cloud-based services depending on your requirements. Please contact your sales representative for further information. TWAIN/WIA Pull scanning available on all models
Scan Speed (BW/CL; A4)	Single-sided (BW): 51 ipm (300dpi) Single-sided (Colour): 51 ipm (300dpi) Double-sided (BW): 17 ipm (300dpi) Double-sided (Colour): 17 ipm (300dpi)
Double sided scanning	2-sided to 2-sided (Automatic)
SEND SPECIFICATIONS	
Optional/ standard	Standard on all models
Destination	E-Mail/ Internet FAX (SMTP), SMB, FTP, WebDAV, Super G3 FAX (Optional)
Colour Mode	Auto Colour Select (Full Colour, Grayscale), Auto Colour Select (Full Colour/ Black-and-White) Full Colour, Grayscale, and Black-and-White
Address Book/Speed dials	LDAP (2000 searchable)/Local 1600 + 200 speed dial
Send resolution	100dpi, 150dpi, 200 x 100dpi, 200dpi, 200 x 400dpi, 300dpi, 400dpi

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TECHNICAL SPECIFICATIONS

imageRUNNER ADVANCE EQ80 4200 Series

Communication protocol	File: FTP, SMB v3.0, WebDAV E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)
File Format	Standard: TIFF, JPEG, PDF, XPS, High compression PDF/XPS, Searchable PDF/XPS, PDF/A-1b Optional: Outline PDF (Trace & Smooth), Encrypted PDF, Device Signature PDF/XPS, User Signature PDF/XPS
Universal Send Features	Original Type Selection, Two-sided Original, Book to Two Pages, Different-size Originals, Density Adjustment, Sharpness, Copy Ratio, Erase Frame, Job Build, Sender's Name (TTI), Select Line, Direct Send, Delayed Send, Preview, Finished Stamp, Job Done Notice, File Name, Subject/Message, Reply-to, TX Report
FAX SPECIFICATIONS	
Optional/ standard	Optional on all models
Maximum Number of Connection Lines	1
Modem Speed	Super G3 33.6kbps
Compression Method	MH, MR, MMR, JBIG
Resolution	Standard: 200 x 100 dpi Fine: 200 x 200 dpi Super fine: 200 x 400 dpi Ultra fine: 400 x 400 dpi
Sending/Recording Size	A5* and A5R* to A3 *Sent as A4
FAX memory	Up to 20,000 pages
Speed dials	Max. 200
Group dials/destinations	Max. 199 dials
Sequential broadcast	Max. 256 address + New 256 destinations
Memory backup	3 hour
Fax Features	Original Type Selection, Two-sided Original, Book to Two Pages, Different-size Originals, Density for Scanning, Sharpness, Copy Ratio, Erase Frame, Job Build, Specifying the Sender's Name (when sending fax), Sender's Name (TTI), Selecting the Telephone Line (when sending fax), Direct Send, Delayed Send, Preview, Finished Stamp, Job Done Notice, TX Report
STORE SPECIFICATIONS	
Mail Box	2,000 Maximum Pages Stored
Advanced space	Communication Protocol: SMB or WebDAV Supported Client PC: Windows (Windows XP/Vista/7/8/10) Concurrent Connections (Max.): SMB: 32, WebDAV: 12 (Active Sessions)
Advanced Space Features	Disabling Advanced space, Storage Filtering, Authentication for Advanced Space Log-in
Memory Media	Standard: USB Memory
SECURITY SPECIFICATIONS	
Authentication	Standard: User Authentication, Department ID, Authentication Optional: Universal Login Manager (Device and Function Level Log-in, freely available for download), uniFLOW Online Express Cloud based management software (freely available for download), My Print Anywhere secure print (Requires uniFLOW), Access Management System
Data	Standard: Trusted Platform Module (TPM), Hard Disk Drive Erase, Mail Box Password Protection, HDD Password Lock Optional: Hard Disk Drive Encryption(FIPS140-2 Validated), Data Loss Prevention (Requires uniFLOW), HDD Removal
Network	Standard: IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP
Document	Standard: Secure Print, Adobe LiveCycle® Rights Management ES2.5 Integration Optional: Encrypted PDF, Encrypted Secure Print, User and Device signatures, Secure Watermarks
ENVIRONMENTAL SPECIFICATIONS	
Operating Environment	Temperature: 10 to 30ºC (50 to 86ºF) Humidity: 20 to 80% RH (no condensation)
Power source	220-240 V (±10%), 50/60 Hz (±2 Hz), 4.3-5.6 Amp
Power consumption	Maximum: Approx. 1.5 KW Standby: Approx. 62.5 W Energy Saver Mode: Approx. 38.4 W (Sleep Mode Energy Use [High]) Sleep mode: Approx. 0.9 W or less (Sleep Mode Energy Use [Low]) Typical Electricity Consumption (TEC) rating*: iR-ADV 4225i EQ80: 1.2 kWh iR-ADV 4245i EQ80: 2.4 kWh *1W or less sleep mode is not available in all circumstances due to certain settings. (TEC Rating as per Energy Star v2.0)
Noise levels (BW/CL)	Noise Levels (Sound pressure level, LpAm, Operator's position)*: Active: 54.63 dB (iR-ADV 4251i), 55.30 dB (iR-ADV 4245i), 53.50 dB (iR-ADV 4235i), 51.40 dB (iR-ADV 4225i) Standby: Inaudible (Less than 30 dB) *Declared noise emission in accordance with ISO 7779
Standards	Energy Star v2.0 Qualified Blue Angel
SOFTWARE AND PRINTER MANAGEMENT	
Tracking and reporting	Universal Login Manager (ULM): Manage your costs easily by using the embedded reporting capability to identify and control costs on a user-based level by device. uniFLOW Online Express: Combining with ULM you can gain further control and highlight expenditures per users/ department and pinpoint where costs can be scaled down from a central cloud based location
Remote management tools	iWEMC: Server-based software for centralised management of a fleet of devices (includes monitoring or consumables, status monitoring and alerts, distribution of address books, configuration settings, firmware and MEAP applications, meter capture and reporting, driver and resource management) eMaintenance: Compatible with eMaintenance services via embedded RDS (Enables meter capture, automatic consumables management, remote diagnostics and reporting for service providers to offer efficient, fast and proactive maintenance) Content Delivery System: Allows the Remote distribution of firmware, iR options and MEAP applications; Remote User Interface (RUI) Web based interface to each device that helps to provide remote device management and control
Scanning software	Network ScanGear: TWAIN-compliant scanner driver that enables computers on a network to use the pull scan functionality of the device
Optimisation tools	Canon Driver Configuration Tool: A utility for changing the factory default settings of Canon print drivers (Available via service only) NetSpot Device Installer: Simple utility software that allows you to make network protocol settings for Canon devices connected to your network.
Platform	MEAP (Multifunctional Embedded Application Platform): A powerful JAVA Embedded Platform for Canon devices which provides tight coupling between a range of software solutions and the device. MEAP Web: Web service alternative to MEAP that allows MFP applications to be developed and deployed via web services
CONSUMABLES	
Toner Cartridge/s	C-EXV 39 Black Toner (Toner for imageRUNNER ADVANCE 4225i EQ80) C-EXV 38 Black Toner (Toner for imageRUNNER ADVANCE 4245i EQ80)
Toner (Estimated Yield @ 6% Coverage)	C-EXV 38 TONER (34.2K pages) C-EXV 39 TONER (30.2K pages)
OUTPUT OPTIONS	
INNER FINISHER	Name: Inner Finisher -D1 ER Capacity: A4/A5R 1,000 sheets, A3/A4R 500 sheets Paper Weight: 52 to 220 gsm Staple Position: Corner, Double Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets Dimensions (W x D x H): 410mm × 554mm × 295mm Weight: Approx. 12.5kg
INNER 2-WAY TRAY	INNER 2 WAY TRAY-H1 - Adds a second internal output tray and increases capacity to 450 sheets

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HARDWARE ACCESSORIES

CARD READERS	MiCARDPLUS FOR ULM - A proximity card reader for card based user authentication, supporting multiple card technologies (HID, HiTag, Casi Rusco, Indala and MiFare etc.). Integrates with Universal Login Manager and uniFLOW COPY CARD READER-F1 - Magnetic physical card access system. (Integrates with Department ID, not for use with uniFLOW) COPY CARD READER ATTACHMENT-B5 - Attachment kit for Copy Card Reader-F1 only.
OTHERS	STAMP INK CRG-C1 - Ink cartridge for printing stamps on scanned and sent originals STAMP UNIT-B1 - Stamp attachment for document feeder

SECURITY OPTIONS

DOCUMENT SECURITY	SECURE WATERMARK-B1 - Deters duplication of sensitive documents by embedding hidden watermarks that become visible when copied ENCRYPTED PRINTING SOFTWARE-D1 - Encrypts the print job in transit to the device and requires a password at the printer before documents can be printed.
DATA SECURITY	HDD DATA ENCRYPTION & MIRRORING KIT-C4 - Hard disk drive accessory pack, providing encryption and mirroring of both temporary and permanent data. Encryption enables copied or scanned images to be encrypted BEFORE they are saved on the device's hard drive. The pack includes the Common Criteria level EAL3 certified Canon MFP security kit 2.00. Mirroring copies all data in real time, providing a highly reliable back-up.

SYSTEM AND CONTROLLER OPTIONS

PRINT ACCESSORIES	PCL INTERNATIONAL FONT SET-A1 - Adds PCL support for Andalé Mono WT J/K/S/T (Japanese/Korean/Simplified Chinese/Traditional Chinese). PS PRINTER KIT-AY1 - Adds Genuine Adobe PostScript Support. Also enables users to print PDF/PS/EPS files directly to the device.
SEND OPTIONS	UNIVERSAL SEND SECURITY FEATURE SET-C1 - Enables the user to send Encrypted PDFs as well as add digital device signatures to a PDF/XPS which help identify the device from which the document was sent through invisible and/or visible digital signatures. UNIVERSAL SEND DIGITAL USER SIGNATURE KIT-C1 - Ensures the authenticity of a PDF/XPS by identifying the user that sent the document through a visible and/or invisible digital signature. UNIVERSAL SEND TRACE & SMOOTH PDF KIT-A1 - Enables the device to create and send Trace and Smooth PDF

BARCODE PRINTING	BARCODE PRINTING KIT-D1 - Provides the ability to print 1D and 2D barcodes on output using jet caps technology.
DIRECT PRINTING	DIRECT PRINT KIT (PDF/XPS)-H1 - Enables users to print PDF/XPS files directly to the device through the Remote UI and Removable Media (USB memory etc.).
SYSTEM ACCESSORIES	WEB ACCESS SOFTWARE-J1 - Provide access to web sites and other web-based online content) COPY CONTROL INTERFACE KIT-A1 - Allows connection (CCVI I/F) between 3rd party copy control terminal and Canon's iR-ADV range for cost recovery use. SERIAL INTERFACE KIT-K3 - Serial interface for Cost Recovery Solutions.
FAX ACCESSORIES	Super G3 FAX Board-AK1 ER - Adds fax functionality. REMOTE FAX KIT-A1 - Enables the device to send and receive fax from another device connected with a fax board.

OTHER OPTIONS

STAPLE CARTRIDGE	STAPLE-J1 - For stapling (3 x 5,000 pcs)
OTHERS	USB DEVICE PORT-E4 - Adds two additional USB Ports to use with uniFLOW or 3rd party card readers for additional media support.

Disclaimers

Specifications are subject to change, please check with your local Canon Office for latest updates.

Software & Solutions

universal login manager · uniFLOW online express · uniFLOW online · uniFLOW · imageRUNNER ADVANCE · EQ80 · Business Canon

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