imageRUNNER ADVANCE C5500 II series

HIGH PERFORMANCE **OFFICE** COMMUNICATION **PLATFORM**







- Format: Colour A3
- Maximum number of Paper Cassettes: 5
- Paper input Capacity: 6,350 sheets
- Finishing Capabilities: Collate, Group, Offset, Staple, Booklet, Hole Punch, Staple-Free Staple, Staple on Demand
- ADF Capacity: 150 sheets
- ADF Type: Platen or Platen and DADF



- A4 Colour Print Speed Range: 35 60ppm
- Scan Speed: 80ipm



- Print Languages: UFRII, PCL6, Adobe PostScript 3
 Optional: EFI Fiery embedded and external server

 - Print Resolution: 1,200 x 1,200

- Suitable for Large workgroups or departments in a floor standing environment
- V² (Vivid & Vibrant) imaging technology ensures documents impress time after time and stand out from the rest
- Class leading Typical Electricity Consumption (TEC) ratings
- Consumes as little as 0.8W in sleep mode
- Qualifies for the latest stringent Blue Angel certification
- CS Toner (consistently stable) provides a top print quality even for high volume print jobs
- Fusing technologies, CS toner, and innovative sleep mode features help lower overall energy consumption.
- · Users can create professional-looking booklets and finished documents automatically.
- Optional Fiery-based ColourPASS-GX500 or imagePASS-P1 controllers enhance processing, job management, workflow automation and accurate colour reproduction.
- Save on transmission costs by utilising the Fax over IP option
- Optional Cassette Lock to protect your investment
- Options for cost recovery and coin vending integration.

UNIFIED FIRMWARE PLATFORM

Common Firmware and features that apply to all imageRUNNER ADVANCE Generation 3 2nd Edition models

SECURITY:

- Prevent unauthorised distribution of sensitive information with our most sercure imageRUNNER ADVANCE ever through an array of standard and optional document security features
- Choose from device based or Cloud based authentication without the need for an additional server
- Ability to disable functions by user to prevent unauthorised usage
- Secure Print and Mailbox enhance document confidentiality
- Ensure information privacy and security across your network with IPsec, port filtering capabilities, and SSL technology
- Mitigate the risk associated with the governance of sensitive information and data privacy (PII data) with the Industry-first Data Loss Prevention and auditing of prints, copies, scans and faxes through uniFLOW

PRODUCTIVITY:

- Advanced personalisation enables a unique, personal experience tailored to meet each user's workflow needs.
- Intuitive user interface with a large, responsive colour touchscreen with smart phone-like usability
- Motion sensor technology wakes device from sleep mode.
- Convenient Staple-on-demand functionality.
- Automatically remove blank pages when scanning.
- Scan and convert documents to Searchable PDF, Microsoft® Word, and Microsoft® PowerPoint
- Effortless capturing of paper-based documents with rapid single pass scanning (DADF) and smart media handling capabilities such as multi-sheet feed detection, help speed up the process of digitising documents.
- Secure mobile printing as standard
- Enable guest printing with Direct Connection
- Substitute your PC for your smart device to complete your day-to-day workflows
- Support for industry standards such as Apple Airprint® and Mopria®



imageRUNNER ADVANCE C5500 II series

- Tight integration with uniFLOW Online Express, a Cloud based output management system
- uniFLOW Online Express provides extensive tracking and reporting capabilities from a central web based system.
- Collaborates with business applications and external systems in the cloud
- Canon's MEAP platform provides process optimisation, by integrating with a range of powerful document, capture and output management solutions such as uniFLOW
- Canon's device management tools give you a centralised point
 of control across your entire fleet, upgrade devices, check device
 status and consumables, turn off devices remotely, capture meter
 readings, as well as manage address books and printer drivers
- Supports industry and network standards i.e. PCL and Adobe PostScript for seamless integration

COST MANAGEMENT:

- Technology designed to reduce total cost of print
- User activity tracking provides visibility of print behaviour
- · Apply policies and restrict usage at function level by user*

- Remote diagnostics and assistance, help reduce costs by minimising downtime and time spent by IT resolving issues
- Remote and centralised fleet management simplifies IT management of devices and fleets

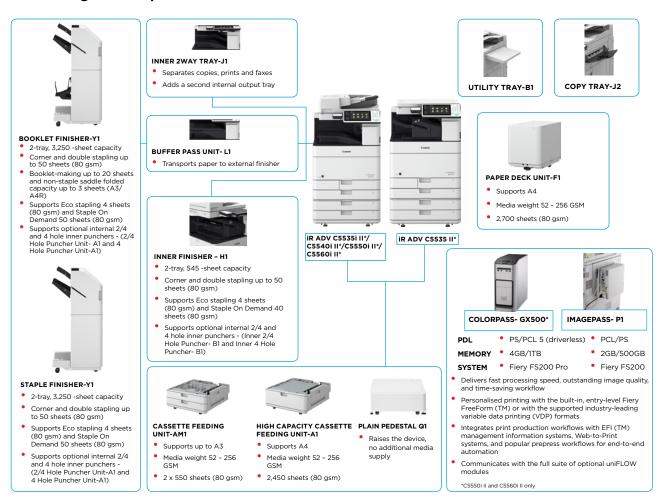
QUALITY AND RELIABILITY:

- Designed to achieve maximum uptime with intuitive user maintenance videos and status notifications, to help keep supplies replenished.
- Canon's signature reliability and engine technologies provide high quality output to meet the needs of busy departments.
- Quiet finishing provides less interruptions to workers, keeping employees productive

SUSTAINABILITY:

- Incorporates sustainable design and a focus on minimising environmental impact
- ENERGY STAR® qualified
- Minimise waste with default 2-sided printing, secure printing, and the ability to hold print jobs, preview them and change print settings at the device, achieving the desired results at the first time of printing

Main configuration options



This flat configuration is for illustration purpose only. For a complete list of options and the exact compatibility relationships, please refer to the online product configurator. Il* indicates that this model has been upgraded to new system software and includes additional security features as standard.



TECHNICAL SPECIFICATIONS

imageRUNNER ADVANCE C5500 II series

Machine type Core functions **Processor Speed** Control Panel **Memory Standard** Hard Disk drive

Interface Connection

Paper input (Standard) Paper input (Option)

Maximum paper input capacity Paper output capacity

Finishing capabilities

Supported media types

Supported media sizes

Supported media weights

Warm-up Time

Dimensions (W x D x H)

Colour Laser Multifunctional Print, Copy, Scan, Send, Store and Optional Fax Canon Dual Custom Processor (Shared) 1.75 Ghz 25.6 cm (10.1 inch) TFT LCD WSVGA Colour Touch panel Standard: 4.0GB RAM

Standard: 250GB Maximum: 1TB Optional: 250GB, 1TB NETWORK Standard: 1000Base-T/100Base-TX/10Base-T, Wireless

LAN (IEEE 802.11 b/g/n)
Optional:NFC, Bluetooth Low Energy

OTHERS Standard: USB 2.0 (Host) x2, USB 3.0 (Host) x1, USB 2.0 (Device) x1 Optional: Serial Interface, Copy Control Interface

2 x 550-sheet cassettes (80gsm) 100-sheet multi-purpose tray (80gsm) 2 x 550-sheet cassettes (80gsm) (CASETTE FEEDING

ONIT-AHI)
2,450-sheet cassettes (80gsm) (HIGH CAPACITY
CASSETTE FEEDING UNIT-A1)
Additional 2,700 sheets (80gsm) (PAPER DECK UNIT-F1)
6,350 sheets (80 gsm)

Without Finisher: 250 sheets (80 gsm),
With Copy Tray: 100-sheets (A4, 80 gsm),
With Internal Finishers: Max. 545-sheets (A4, 80 gsm).
With External Finishers: Max. 34, 250-sheets (A4, 80 gsm).

Collate, Group

With Inner Finisher: Collate, Group, Offset, Staple, Hole Punch ¹, Staple-Free Staple, Staple On Demand With External Finisher: Collate, Group, Offset, Staple, Booklet ², Hole Punch ³, Staple-Free Staple, Staple On

Demand

Cassette 1: Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Transparency, Bond paper, Envelope, Letterhead

Cassette 2: Cassette 2: Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Transparency, Tab paper*, Bond paper, Envelope, Letterhead *Requires TAB FEEDING ATTACHEMENT FI

Multi-purpose tray:
Thin paper, Plain paper, Thick paper, Colour paper,
Recycled paper, Pre-punched paper, Transparency,
Tracing paper ⁴, Label, Tab paper. Bond paper, Coated
paper, Envelope, Letterhead

Cassettes 3/4 (CASSETTE FEEDING UNIT-AM1) Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Transparency, Bond

paper, Letterhead HIGH CAPACITY CASSETTE FEEDING UNIT-A1 Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Bond paper,

PAPER DECK UNIT-F1: Thin paper, Plain paper, Thick paper, Colour paper, Recycled paper, Pre-punched paper, Bond paper, Letterhead Cassette 1:

Cassette I.
Standard size: A4, B5, A5, A5R
Custom size: Min. 98.0 mm x 148 mm up to 297 mm x 215.9 mm

Cassette 2

Standard size: A3, B4, A4, A4R, B5, B5R, A5R Custom size: Min. $98.0 \text{ mm} \times 182 \text{ mm}$ up to $304.8 \text{ mm} \times 457.2 \text{ mm}$

Multi-purpose tray:
Standard size: A3, B4, A4, A4R, B5, B5R, A5, A5R, SRA3, Envelopes (No. 10(COM 10),
Monarch, ISO-C5, DL), Envelope Custom Size (Min. 98.0 mm x 98.4 mm up to 320.0 mm x 457.2 mm)
Free Size: Min. 98.0 mm x 139.7 mm up to 320.0 mm x 457.2 mm

CASETTE FEEDING UNIT-AM1
A3, B4, A4, A4R, B5, B5R, A5R, Custom Size
(Min. 98.0 mm x 182.0 up to 304.8 mm x 457.2 mm) HIGH CAPACITY CASSETTE FEEDING UNIT-A1

PAPER DECK UNIT-F1 A4,

Cassettes: 52 to 256 gsm Multi-purpose tray: 52 to 300 gsm Duplex: 52 to 220 gsm Paper Deck: 52 to 256 gsm

From Power On: 10 Seconds or Less⁵ From Sleep Mode: 10 Seconds or Less DADF model: 620 mm x 742 mm x 950 mm Platen model: 620 mm x 726 mm x 827 mm Installation Space (W x D)

PRINT SPECIFICATIONS Printing method Print Speed

Print Resolution Page description languages

Double Sided Printing

Printing from mobile and cloud

Fonts

Operating System

COPY SPECIFICATIONS

Copy Speed

First-Copy-Out Time

Copy resolution

Multiple Copies Magnification **Preset Reductions**

SCAN SPECIFICATIONS Standard type

Pull Scan Spec

Scan Resolution

Acceptable Originals

943 x 1,160 mm (Basic: Platen cover + Multi-purpose tray extended + cassette drawers open)

1,866 x 1,160 mm (Fully configured: Platen cover + BOOKLET FINISHER-V2 with the extension tray extended + Paper Deck Unit-F1 extended)

943 x 1,176 mm (Basic: DADF + Multi-purpose tray extended + cassette drawers open)

1,866 x 1,176 mm (Fully configured: DADF + BOOKLET FINISHER-V2 with the extension tray extended + Paper Deck Unit-F1 extended)

Platen model: Approx. 131 kg including toner DADF model: Approx. 142 kg including toner

Colour Laser beam Printing iR-ADV C5535 II*/C5535i II*

35 ppm (A4), 18 ppm (A3), 23 ppm (A4R), 35/4 ppm (A5R) iR-ADV C5540i II*

IR-ADV C55401 II*
40 ppm (A4), 22 ppm (A3), 24 ppm (A4R), 40/4 ppm (A5R)
IR-ADV C55501 II*
50 ppm (A4), 27 ppm (A3), 30 ppm (A4R), 50/4 ppm (A5R)
IR-ADV C55601 II*
60 ppm (A4), 32 ppm (A3), 36 ppm (A4R), 60/5 ppm (A5R)

600 dpi x 600 dpi, 1,200 dpi x 1,200 dpi IR-ADV C5535i II*/C5540i II*/C5550i II*/C5560i II*: UFR II, PCL 6, Genuine Adobe PostScript Level 3 (Standard)

iR-ADV C5535 II*: UFR II (Standard), Optional PCL 6, Genuine Adobe PostScript Level 3

Automatic (Standard)
Direct printing available from USB memory key, Advanced space, Remote UI and Web Browser⁶
Supported file types: TIFF, JPEG, PDF, EPS, and XPS.

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

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-AI Requires optional PCL INTERNATIONAL FONT SET-AI Require optional BARCODE PRT KIT-D) PS fonts: 136 Roman UFRII: Windows Vista/Server 2008/7/Server 2008 R2/Server 2012/8.1/Server 2012 R2/10/Server 2016, MAC OS X (10.7 or later)

PCL: Windows Vista/Server 2008/7/Server 2008 R2/ Server 2012/8.1/Server 2012 R2/10/Server 2016

PS: Windows Vista/Server 2008/7/Server 2008 R2/ Server 2012/8.1/Server 2012 R2/10/Server 2016, MAC OS X (10.7 or later)

PPD: Windows Vista/7/8.1/10, MAC OS X (10.3.9 or later) SAP Device Types are available via the SAP Market Place.

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

Some of these solutions are chargeable

iR-ADV C5535 II*/C5535i II*: 35 ppm (A4), 18 ppm (A3), 23 ppm (A4R), 35 ppm (A5R) iR-ADV C5540i II*: 40 ppm (A4) 22 ppm (A3),

IR-ADV C55401 II": 40 ppm (A4) 22 ppm (A3), 24 ppm (A4R), 40 ppm (A5R) IR-ADV C55501 II": 50 ppm (A4), 27 ppm (A3), 30 ppm (A4R), 50 ppm (A5R) IR-ADV C55501 III": 60 ppm (A5R), 36 ppm (A4R), 50 ppm (A5R), 36 ppm (A4R), 60 ppm (A5R)

iR-ADV C5535 II*/C5535i II*: Approx. 4.9/7.4 seconds

or less iR-ADV C5540i II*: Approx. 4.1/6.1 seconds or less iR-ADV C5550i II*: Approx. 3.5/5.2 seconds or less iR-ADV C5560i II*: Approx. 2.9/4.5 seconds or less

Reading: 600 dpi x 600 dpi Printing: Up to 1,200 dpi x 1,200 dpi Up to 999 copies

25% - 400% (1% Increments) 25%, 50%, 71% 141%, 200%, 400%

Colour Platen and Single-pass Duplexing Automatic Document Feeder 7 (DADF)

Colour Network ScanGear2. For both TWAIN and WIA Supported OS: Windows Vista/7/8.1/10/Server

2008/2008 R2/2012/2012 R2/2016 100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi,

200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x Platen media size: Sheet, Book, 3-Dimensional Objects

(Up to 2kg) Document Feeder media size ⁷: A3, B4, A4, A4R, B5,

BSR. A5, A5R, B6
Document Feeder media weight 7:
1-sided scanning: 38 to 157 gsm/64 to 157 gsm (BW/CL)
2-sided scanning: 50 to 157 gsm/64 to 157 gsm (BW/CL)



TECHNICAL SPECIFICATIONS

imageRUNNER ADVANCE C5500 II series

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 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 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)7 Single-sided Scanning (BW): 80 ipm (300 dpi) /

80 ipm (600 dpi) Single-sided Scanning (Colour): 80 ipm (300 dpi) /

60 ipm (600 dpi)

Double-sided Scanning (BW): 160 ipm (300 dpi) / 150 ipm (600 dpi) Double-sided Scanning (Colour): 160 ipm (300 dpi) / 80 ipm (600 dpi) 150 Sheets (80 asm)

2-sided to 2-sided (Automatic)

Paper Capacity

Optional / Standard Destination

Address Book/speed dials

Communication protocol

File Format

FAX SPECIFICATIONS Optional / Standard Modem Speed

Compression Method Resolution

Sending/Recording Size

FAX memory Group dials/destinations Sequential broadcast Memory backup

SECURITY SPECIFICATIONS

Data

Network

Document

universal

online











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SEND SPECIFICATIONS

Standard on all models E-mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Mail Box, Super G3 FAX(Optional), IP Fax(Optional) LDAP (2,000)/Local (1,600)/Speed dial (200) 100 x 100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi Send resolution

File: FTP, SMB v3.0 , WebDAV E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full) E-mail/Frax: SMTP, POP3, I-rax (Simple, Full)
Standard: TIFF, JPEG, PDF(Compact, Searchable,
Apply policy, Optimize for Web, PDF A/1-b, Encrypted),
XPS(Compact, Searchable), Office Open XML
(PowerPoint, Word), PDF/XPS(Digital Signature)
Optional: PDF(Trace&Smooth)

Optional on all models Super G3: 33.6 kbps G3: 14.4 kbps MH, MR, MMR, JBIG

400 x 400 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x

100 dpi A5 and A5R* to A3 *Sent as A4 Up to 30,000 pages

Max. 200 Max. 199 dials Max. 256 addresses

Standard: Universal Login Manager (Device and Function Level Log-in), uniFLOW Online Express Cloud based management software, User Authentication, Department ID, Authentication, Access Management System Optional: My Print Anywhere secure print (Requires uniFLOW)

(Requires uniFLOW)
Standard: Trusted Platform Module (TPM), Hard
Disk Password Lock, Hard Disk Drive Erase,
Mail Box Password Protection, Hard Disk Drive
Encryption(FIPS140-2 Validated), Common Criteria
Certification (DIN ISO 15408)
Optional: Hard Disk Drive Mirroring, Hard Disk Drive
removal, Data Loss Prevention (Requires uniFLOW)

Standard: IP/Mac Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP, S/MIME

SMIP, S/MIME Standard: Secure Print, Adobe LiveCycle* Rights Management ES2.5 Integration, Encrypted PDF, Encrypted Secure Print, Device signature, Secure Watermarks Optional: User signature, Document Scan locking

ENVIRONMENTAL SPECIFICATIONS Operating Environment

Power consumption

Noise levels

Temperature: 10 to 30 °C (50 to 86 °F) Humidity: 20 to 80 % RH (no condensation) 220-240 V (±10 %), 50/60 Hz (±2 Hz), 6 Amp

220-240 V (±10 %), 50/60 Hz (±2 Hz), 6 Amp Maximum: Approx. 1,8 kW Printing: Approx. 849 W or less ⁸ Standby: Approx. 67.9 W Sleep mode: Approx. 0.38 W ⁹ Plugin Off: Approx. 0.23 W ⁸ Plugin Off: Approx. 0.23 W ⁹ 17 Spical Electricity Consumption (TEC) rating ¹⁰: 1.6 kWh (iR-ADV C5535 II*(5535i II*) 2.0 kWh (iR-ADV C5540i II*) 2.5 kWh (iR-ADV C5550i II*) 3.1 kWh (iR-ADV C5550i II*) 5.1 kWh (iR-ADV C5560i II*) 5.1 kWh (iR-ADV C5560i II*) 5.1 kWh (iR-ADV C5560i II*)

Sound Power Level (LWAd) ¹¹ IR-ADV C5535 II/C5535 II ¹¹: Active(BW): 65.1 dB or Less ⁸, Active(CL): 65 dB or Less ⁸, Standby: 40 dB or Less ¹² IR-ADV C5540I II¹: Active(BW): 65.6 dB or Less ⁸. iR-ADV C55401 III*: Active(BW); 65.6 dB or Less * Active(CL); 66.1 dB or Less *, Standby; 40 dB or Less * R-ADV C5550i III*: Active(BW); 66.7 dB or Less *, Active(CL); 67 dB or Less *, Standby; 40 dB or Less * R-ADV C5560i III*: Active(BW); 67.5 dB or Less * Active(CL); 68.1 dB or Less *, Standby; 40 dB or Less * Active(CL); 68.1 dB or Less *, Standby; 40 dB or Less * Active(CL); 68.1 dB or Le

Sound Pressure (LpAm) 10

Sound Pressure (LpAm) ¹⁰
Bystander's position:
iR-ADV C5535 ill'/C5535i ll*: Active(BW): 47.6 dB or Less ⁸, Active(CL): 47.8 dB or Less ⁸, Standby: 24 dB or Less ¹²
iR-ADV C5540 ill*: Active(BW): 47.7 dB or Less ¹²
iR-ADV C5550 ill*: Active(BW): 48.8 dB or Less ⁸, Active(CL): 48.2 dB or Less ⁸, Standby: 25 dB or Less ¹²
iR-ADV C5500 ill*: Active(BW): 48.8 dB or Less ⁸, Active(CL): 49.1 dB or Less ⁸, Standby: 24 dB or Less ¹²
iR-ADV C5560 ill*: Active(BW): 49.6 dB or Less ⁸, Active(CL): 50.2 dB or Less ⁸, Standby: 24 dB or Less ¹²
ENERGY STAP® Outlined

ENERGY STAR* Qualified Ecomark Blue Angel

CONSUMABLES Toner Cartridge/s

Standards

Toner (Estimated Yield @5% Coverage)

HARDWARE ACCESSORIES

C-EXV 51 TONER BK/C/M/Y C-EXV 51L TONER C/M/Y

C-EXV 51 TONER BK: 69,000 pages C-EXV 51 TONER C/M/Y: 60,000 pages C-EXV 51L TONER C/M/Y: 26,000 pages

For full information on options available for the iR-ADV C5500 II* series, please refer to the specification tables on your local Canon web site.

II* indicates that this model has been upgraded to new system software and includes additional security features as standard.

⁽¹⁾ With INNER 2/4 HOLE PUNCHER-B1 or INNER 4 HOLE PUNCHER-B1

[2] BOOKLET FINISHER-Y1 only.

[3] With 2/4 HOLE PUNCHER-A1 or 4 HOLE PUNCHER-A1

[4] Some types of tracing paper cannot be used.

 $^{{\scriptsize [5]}}$ Time between device power-on and when the start key is enabled

[6] Only PDF print from websites is supported $^{\scriptscriptstyle{[7]}}$ N/A iR ADV C5535 II* is a Platen only model

[8] Data taken from Blue Angel Certification User information

[9] 0.8W sleep mode is not available in all circumstances due to certain settings.

[10] Typical Electricity Consumption (TEC) rating represents the typical electricity consum by a product during I week, measured in kilowatt-hours (kWh). The test methodology defined by Energy Star (http://www.eu-energystar.org).

Declared noise emission in accordance with ISO 7779

[12] Data taken from ECO declaration

Software & Solutions











Certifications and compatibility





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