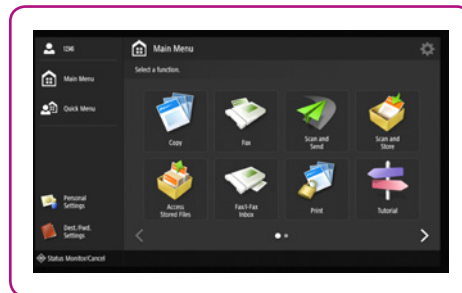


imageRUNNER ADVANCE 4525i, 4535i, 4545i, 4551i



Trusted multifunctional,
with versatile end-
to-end document
capabilities.

The imageRUNNER ADVANCE 4500 series is a robust, dependable office multifunctional that will benefit any busy working group by improving their day-to-day workflows.



Control costs:

- 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
- Save on transmission costs by utilising the Fax over IP option
- Tight integration with output management solutions such as uniFLOW
- 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

Support for Mobile Working:

- Connect to cloud storage to access documents online
- Secure mobile printing as standard
- Support for industry standards such as Apple Airprint® and Mopria®
- Enable guest printing with Direct Connection
- Supports a range of connection types with your smart device e.g. Optional Bluetooth
- Substitute your PC for your smart device to complete your day-to-day workflows
- Send data from your smart device to the imageRUNNER ADVANCE 4500 series and vice versa

Manage devices efficiently:

- Supports industry and network standards i.e. PCL and Adobe PostScript for seamless integration
- Shares resources (e.g. Fax) with other imageRUNNER ADVANCE devices on the network
- 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
- 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
- Designed to achieve maximum uptime with intuitive user maintenance videos and status notifications, to help keep supplies replenished



PRINT



COPY



FAX
Optional on
all models



SCAN

Streamline document workflows:

- Intuitive user interface with a large, responsive tilting colour touchscreen with smart phone-like usability
- Advanced personalisation enables a unique, personal experience tailored to meet each user's workflow needs
- Effortless, rapid scanning captures paper-based documents with ease
- Scan and convert documents to Searchable PDF, Microsoft® Word, and Microsoft® PowerPoint files through a single-pass duplexing document feeder that holds up to 150 originals
- End-to-end document creation with a selection of finishing capabilities including convenient Staple-on-demand functionality
- Motion sensor technology wakes device from sleep mode when the user approaches
- Automatically remove blank pages when scanning

Technology you can depend on:

- Quiet finishing provides less interruptions to workers, keeping employees productive
- Robust design and engine, perfect for handling workloads of busy workgroups
- Total paper capacity of 6,330 sheets reduces downtime

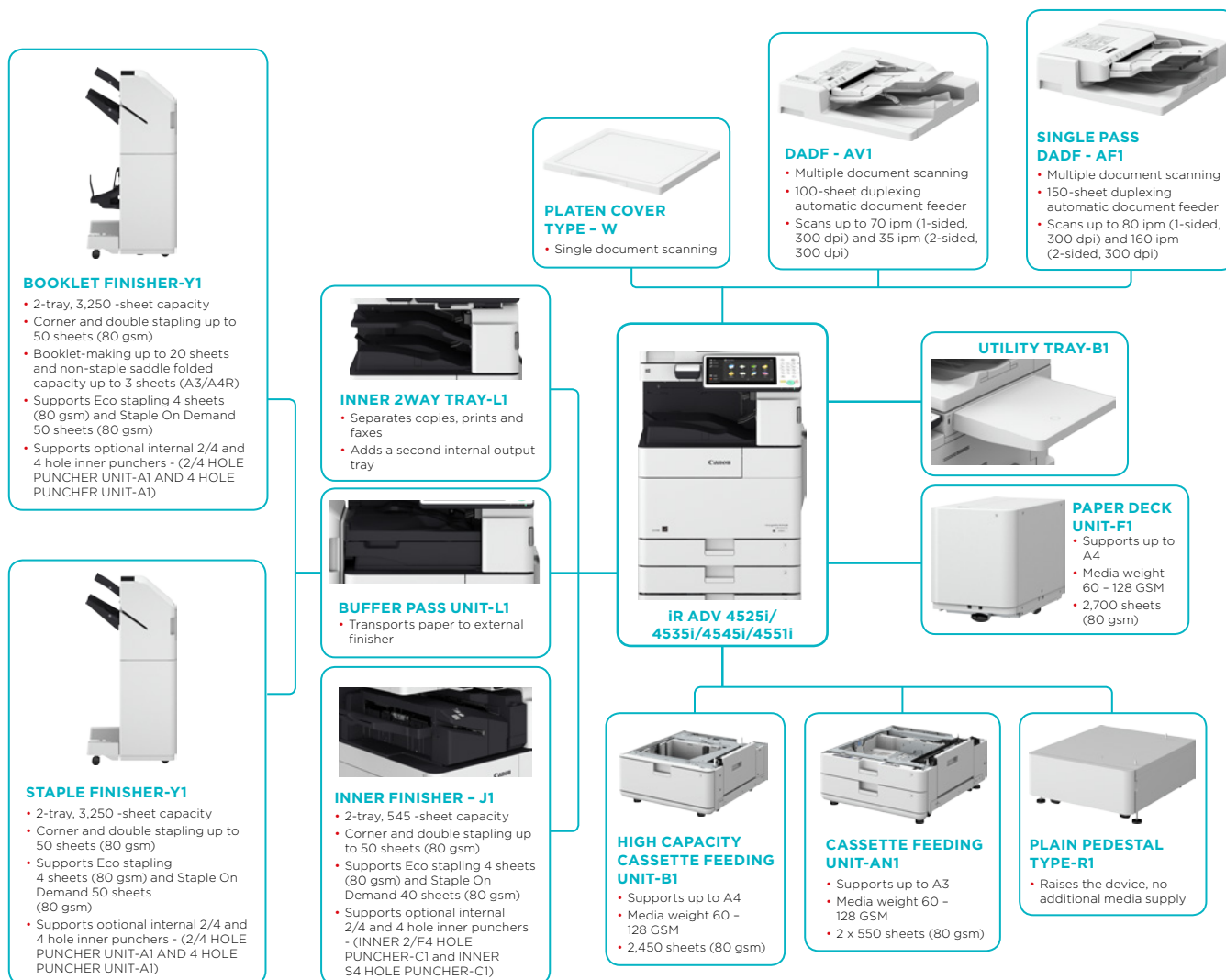
Secure confidential information:

- Control who has access to the device with Award-winning, smart user authentication without impacting on user productivity or convenience
- 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
- Prevent unauthorised distribution of sensitive information with an array of standard and optional document security features
- Industry-first Data Loss Prevention and auditing of prints, copies, scans and faxes through uniFLOW

Environmentally responsible:

- Class leading Typical Electricity Consumption (TEC) ratings
- Consumes as little as 0.6W in sleep mode
- Incorporates sustainable design, with the use of recycled materials and bio-based plastic, and a focus on minimising environmental impact
- ENERGY STAR® qualified
- Qualifies for the stringent Blue Angel award
- Reduce waste with Staple-less Eco stapler
- 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



Technical Specifications

imageRUNNER ADVANCE 4525i, 4535i, 4545i, 4551i

Main Unit

Machine type

Monochrome Laser Multifunctional

Core functions

Print, Copy, Scan, Send, Store and Optional Fax

Processor Speed

Canon Dual Custom Processor (Shared) 1.75 Ghz

Control Panel

25.6 cm (10.1 inch) TFT LCD WSVGA Colour Touch panel

Memory Standard

Standard: 3.0GB RAM

Hard Disk drive

Standard: 250GB Maximum: 1TB

Optional: 250GB, 1TB

Interface Connection

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

Paper input (Standard)

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

Paper input (Option)

2 x 550-sheet cassettes (80gsm) (CASSETTE FEEDING UNIT-ANI)
2,450-sheet cassette (80gsm) (HIGH CAPACITY CASSETTE FEEDING UNIT-B1)
Additional 2,700 sheets (80gsm) (PAPER DECK UNIT-F1)
6,330 sheets (80 gsm)

Maximum paper input capacity

Without Finisher: 250 Sheets (A4, 80 gsm)
With Inner Finisher: Max. 545 sheets (A4, 80 gsm)
With External Finisher: Max. 3,250 sheets (A4, 80 gsm)

Paper output capacity

Collate, Group
With Inner Finisher: Collate, Group, Offset, Staple, Hole Punch, Staple-Free Staple, Staple On Demand
With External Finisher: Collate, Group, Offset, Staple, Booklet², Hole Punch¹, Staple-Free Staple, Staple On Demand

Supported media types

Cassettes 1/2:
Thin paper, Plain paper, Recycled paper, Colour paper, Pre-punched paper, Thick paper, Envelopes*
*Envelope support via second drawer only.
(Requires optional ENVELOPE FEEDER ATTACHMENT-D1)

Multi-purpose tray:
Thin paper, Plain paper, Recycled paper, Colour paper, Pre-punched paper, Thick paper, Bond paper, Transparency, Labels, Tracing paper, Envelope

Cassettes 3/4 (CASSETTE FEEDING UNIT-ANI):
Thin paper, Plain paper, Recycled paper, Colour paper, Pre-punched paper, Thick paper

HIGH CAPACITY CASSETTE FEEDING UNIT-B1: Thin paper, Plain paper, Recycled paper, Colour paper, Pre-punched paper, Thick paper

PAPER DECK UNIT-F1: Thin paper, Plain paper, Recycled paper, Colour paper, Pre-punched paper, Thick paper

Supported media sizes

Cassette 1:
Standard size: B4, A4, A4R, B5, B5R, A5R,
Custom size: Min. 139.7 mm x 182 mm up to 297 mm x 390 mm

Cassette 2:
Standard size: A3, B4, A4, A4R, B5, B5R, A5R, Envelopes¹ (No.10 (COM10), Monarch, ISO-C5, DL)
*Envelope support via second drawer only.
(Requires optional ENVELOPE FEEDER ATTACHMENT-D1.)
Custom size: Min. 139.7 mm x 182 mm up to 297 mm x 431.8 mm

Multi-purpose tray:
Standard size: A3, B4, A4, A4R, B5, B5R, A5, A5R, Envelopes (No. 10(COM 10), Monarch, ISO-C5, DL)
Custom size: Min. 98 mm x 148 mm up to 297 mm x 431.8 mm
Free Size: Min. 98 mm x 148 mm up to 297 mm x 431.8 mm

Supported media weights

CASSETTE FEEDING UNIT-ANI:
A3, B4, A4, A4R, B5, B5R, A5R, Custom Size (Min. 139.7 mm x 182 up to 297 mm x 431.8 mm)

HIGH CAPACITY CASSETTE FEEDING UNIT-B1:
A4

PAPER DECK UNIT-F1:
A4, B5

Cassettes:
60 to 128 gsm

Multi-purpose tray:
52 to 220 gsm

Duplex:
60 to 105 gsm

Paper Deck:
60 to 128 gsm

HIGH CAPACITY CASSETTE FEEDING UNIT-B1:
60 to 128 gsm

Warm-up Time

From Power On: 24 Seconds or Less³
From Sleep Mode: 30 Seconds or Less
Quick Startup Mode: 4 seconds or less³

Dimensions (W x D x H)

Platen model: 587 mm x 740 mm x 823 mm
RADF model: 587 mm x 750 mm x 926 mm
DADF model: 587 mm x 740 mm x 945 mm

Installation Space(W x D)

889 mm x 1,171.9 mm (Basic: Platen + Multi-purpose tray open)
889 mm x 1,181.9 mm (Basic: RADF + Multi-purpose tray open)
889 mm x 1,171.9 mm (Basic: DADF + Multi-purpose tray open)
1,811 mm x 1,269.9 mm (Fully configured; Platen + PAPER DECK UNIT-F1 + BOOKLET FINISHER-Y1)
1,811 mm x 1,279.9 mm (Fully configured: RADF + PAPER DECK UNIT-F1 + BOOKLET FINISHER-Y1)
1,811 mm x 1,269.9 mm (Fully configured: DADF + PAPER DECK UNIT-F1 + BOOKLET FINISHER-Y1)

Weight

Platen model: Approx. 74.3 kg including toner
RADF model: Approx. 80.7 kg including toner
DADF model: Approx. 86 kg including toner

Print Specifications

Printing method

Monochrome Laser Beam Printing

Print Speed

IR-ADV 4525i:
25 ppm (A4), 15 ppm (A3), 17 ppm (A4R), 14 ppm (A5R)
IR-ADV 4535i:
35 ppm (A4), 22 ppm (A3), 32 ppm (A4R), 18 ppm (A5R)
IR-ADV 4545i:
45 ppm (A4), 22 ppm (A3), 32 ppm (A4R), 18 ppm (A5R)
IR-ADV 4551i:
51 ppm (A4), 25 ppm (A3), 37 ppm (A4R), 18 ppm (A5R)

Print Resolution

1,200 dpi x 1,200 dpi

Page description languages

UFR II, PCL 6 (Standard), Genuine Adobe PostScript Level 3 (Requires optional PS PRINTER KIT - BG1)

Double Sided Printing

Automatic (Standard)

Direct Print

Direct printing available from USB memory key, Advanced space, Remote UI and Web Access⁴
Supported file types: TIFF, JPEG, PDF, EPS, and 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
**Requires optional BARCODE PRINTING KIT-D1
PS fonts: 136 Roman

Operating System

UFR II: Windows Vista/Server 2008/7/Server 2008 R2/8/Server 2012/8.1/Server 2012 R2/10/Server 2016, MAC OS X (10.6.8 or later)
PCL: Windows Vista/Server 2008/7/Server 2008 R2/8/Server 2012/8.1/Server 2012 R2/10/Server 2016
PS: Windows Vista/Server 2008/7/Server 2008 R2/8/Server 2012/8.1/Server 2012 R2/10/Server 2016, MAC OS X (10.6.8 or later)
PPD: MAC OS 9.1 or later, MAC OS X (10.3.9 or later), Windows Vista/7/8/8.1/10

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 Citrix. Some of these solutions are chargeable.

Copy Specifications

Copy Speed

IR-ADV 4525i:
25 ppm (A4), 15 ppm (A3), 17 ppm (A4R), 14 ppm (A5R)
IR-ADV 4535i:
35 ppm (A4), 22 ppm (A3), 32 ppm (A4R), 18 ppm (A5R)
IR-ADV 4545i:
45 ppm (A4), 22 ppm (A3), 32 ppm (A4R), 18 ppm (A5R)
IR-ADV 4551i:
51 ppm (A4), 25 ppm (A3), 37 ppm (A4R), 18 ppm (A5R)

First-Copy-Out Time

IR-ADV 4525i: Approx. 5.2 seconds or less
IR-ADV 4535i/4545i: Approx. 3.8 seconds or less
IR-ADV 4551i: Approx. 3.7 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

Magnification

25% - 400% (1% Increments)

Preset Reductions

25%, 50%, 71%, 100%

Preset Enlargements

141%, 200%, 400%

Scan Specifications

Standard type

Standard: Reader
Optional: Colour platen or Duplexing Automatic Document Feeder (RADF) or Single-pass Duplexing Automatic Document Feeder (DADF)

Pull Scan Spec

Colour Network ScanGear2. For both TWAIN and WIA
Supported OS: Windows Vista/7/8/8.1/10
Windows Server 2008/Server 2008 R2/Server 2012/Server 2012 R2

Scan Resolution

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

Acceptable Originals

Platen media size: Sheet, Book, 3-Dimensional Objects (Up to 2kg)
Platen: A3, B4, A4, A4R, B5, B5R, A5, A5R, B6R
Document Feeder media size:
RADF model: A3, B4, A4, A4R, B5, B5R, A5, A5R, B6
DADF model: A3, B4, A4, A4R, B5, B5R, A5, A5R, B6R
Document Feeder media weight:
RADF model:
1-sided scanning: 38 to 128 gsm/64 to 128 gsm (BW/CL)
2-sided scanning: 50 to 128 gsm/64 to 128 gsm (BW/CL)
DADF model:
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)

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 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



Technical Specifications

imageRUNNER ADVANCE 4525i, 4535i, 4545i, 4551i

Scan Speed (BW/CL; A4)

RADF model:
Single-sided Scanning (BW): 70 ipm (300 dpi) / 51 ipm (600 dpi)
Single-sided Scanning (Colour): 70 ipm (300 dpi) / 51 ipm (600 dpi)
Double-sided Scanning (BW): 35 ipm (300 dpi) / 25.5 ipm (600 dpi)
Double-sided Scanning (Colour): 35 ipm (300 dpi) / 25.5 ipm (600 dpi)
DADF model:
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)

Paper Capacity

RADF model: 100 Sheets (80 gsm)
DADF model: 150 Sheets (80 gsm)

Double sided scanning

2-sided to 2-sided (Automatic)

Send Specifications

Optional / Standard

Destination

Standard on all models
E-mail/Internet FAX (SMTP), SMB, FTP, WebDAV, Mail Box, Super G3 FAX(Optional), IP Fax(Optional)

Address Book/Speed dials

LDAP (2,000)/Local (1,600)/Speed dial (200)

Send resolution

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

Communication protocol

File: FTP, SMB v3.0, WebDAV
E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)

File Format

Standard: TIFF, JPEG, PDF(Compact, Searchable, Apply policy, Optimize for Web, PDF A/1-b), XPS(Compact, Searchable), Office Open XML (PowerPoint, Word)
Optional: PDF(Trace&Smooth, Encrypted), PDF/XPS(Digital Signature)

Fax Specifications

Optional / Standard

Modem Speed

Optional on all models
Super G3: 33.6 kbps
G3: 14.4 kbps

Compression Method

MH, MR, MMR, JBIG

Resolution

400 x 400 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi

Sending/Recording Size

A5* and ASR* to A3
*Sent as A4

FAX memory

Up to 30,000 pages

Speed dials

Max. 200

Group dials/destinations

Max. 199 dials

Sequential broadcast

Max. 256 addresses

Memory backup

Yes

Security Specifications

Authentication

Standard: Universal Login Manager (Device and Function Level Log-in), User Authentication, Department ID, Authentication, Access Management System

Data

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)¹⁰
Optional: Hard Disk Drive Mirroring, Hard Disk Drive removal, Data Loss Prevention (Requires uniFLOW)

Network

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

Document

Standard: Secure Print, Adobe LiveCycle® Rights Management ES2.5 Integration
Optional: Encrypted PDF, Encrypted Secure Print, User and Device signatures, Secure Watermarks, Document Scan locking

Environmental Specifications

Operating Environment

Temperature: 10 to 30 °C (50 to 86 °F)
Humidity: 20 to 80 % RH (no condensation)

Power source

iR-ADV 4525i: 220-240 V (±10 %), 50/60 Hz (±2 Hz), 4.3 Amp
iR-ADV 4535i/4545i: 220-240 V (±10 %), 50/60 Hz (±2 Hz), 5.2 Amp
iR-ADV 4551i: 220-240 V (±10 %), 50/60 Hz (±2 Hz), 5.6 Amp

Power consumption

Maximum: Approx. 1.5 kW
Printing:
iR-ADV 4525i: Approx. 657 Wh or less⁵
iR-ADV 4535i: Approx. 761 Wh or less⁵
iR-ADV 4545i: Approx. 845 Wh or less⁵
iR-ADV 4551i: Approx. 912 Wh or less⁵
Standby: Approx. 37 Wh
Sleep mode: Approx. 0.6 W⁶
Plugin Off: Approx. 0.2W⁶
Typical Electricity Consumption (TEC) rating⁷:
1.1 kWh (iR-ADV 4525i)
1.8 kWh (iR-ADV 4535i)
2.3 kWh (iR-ADV 4545i)
2.6 kWh (iR-ADV 4551i)

Noise levels

Sound Power Level (LwAd)⁸
iR-ADV 4525i: Active (BW): 65.4 dB or Less⁹, Standby: 36.1 dB or Less⁹
iR-ADV 4535i: Active (BW): 65.5 dB or Less⁹, Standby: 36.1 dB or Less⁹
iR-ADV 4545i: Active (BW): 67.3 dB or Less⁹, Standby: 37.2 dB or Less⁹
iR-ADV 4551i: Active (BW): 67.6 dB or Less⁹, Standby: 36.8 dB or Less⁹

Sound Pressure (LpAm)⁷
Bystander's position:
iR-ADV 4525i: Active (BW): 47.6 dB or Less⁹, Standby: 20 dB or Less⁹
iR-ADV 4535i: Active (BW): 47.7 dB or Less⁹, Standby: 20 dB or Less⁹
iR-ADV 4545i: Active (BW): 49.5 dB or Less⁹, Standby: 20.9 dB or Less⁹
iR-ADV 4551i: Active (BW): 49.8 dB or Less⁹, Standby: 21.1 dB or Less⁹

Standards

ENERGY STAR® Qualified
RoHS
Ecomark
Blue Angel

Consumables

Toner Cartridge/s

C-EXV 53 TONER BK

Toner (Estimated Yield @6% Coverage)

C-EXV 53 TONER BK: 42,100 pages

Hardware Accessories

For full information on options available for the iR-ADV 4500 series, please refer to the specification tables on your local Canon web site.

Footnotes

- ^[1] With INNER 2/4 HOLE PUNCHER-A1 or INNER 4 HOLE PUNCHER-A1 or INNER 2/F4 HOLE PUNCHER-C1 or INNER S4 HOLE PUNCHER-C1
- ^[2] BOOKLET FINISHER-Y1 only
- ^[3] Time between device power-on and when the start key is enabled. Quick startup Mode ON
- ^[4] Only PDF print from websites is supported
- ^[5] Data taken from Blue Angel Certification User Notes
- ^[6] 0.6W sleep mode is not available in all circumstances due to certain settings.
- ^[7] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). The test methodology is defined by Energy Star (<http://www.eu-energystar.org>).
- ^[8] Declared noise emission in accordance with ISO 7779
- ^[9] Data taken from ECO declaration
- ^[10] Common Criteria Certification (DIN ISO 15408) - Testing is scheduled to be finalised by the end of July 2017

Software and Solutions



Certifications and compatibility



^[10]



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