imageRUNNER
ADVANCE
4551i / 4545i / 4535i / 4525i

Canon

Delighting You Always

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

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

Workflow Efficiency

- Intuitive user interface with a large, colour touchscreen provides users with smartphone-like usability, making navigation a breeze.

- Single-Pass document feeder option provides effortless, rapid scanning with features like multi-sheet feed detection and skip blank originals.

- My ADVANCE enables a unique, personal experience tailored to meet each user's workflow needs. Settings, such as display language, initial log-in screen, and accessibility options, can be synchronised across multiple devices for consistency.

- Canon's MEAP platform provides process optimisation, by integrating with a range of powerful document, capture and output management solutions.

- Scalable support for mobile where users can connect directly to the device with Direct Access Point. Capture, scan or print documents easily with the Canon Print Business app.

- Intelligent Recovery wakes device from sleep mode when user is approaching device via motion sensor technology.

- Wide range of finishing functions such as Staple-on-Demand, ECO-Staple, booklet, folding, double/corner stapling are available as an option for versatile document creation.

Security

- Control who has access to the device with user authentication without impacting on user productivity or convenience.

- Prevent unauthorised distribution of sensitive information with an array of standard and optional document security features.

- Ensure information privacy and security across your network with IPsec, port filtering capabilities, and SSL technology.

- Secure Print and Mailbox enhance document confidentiality
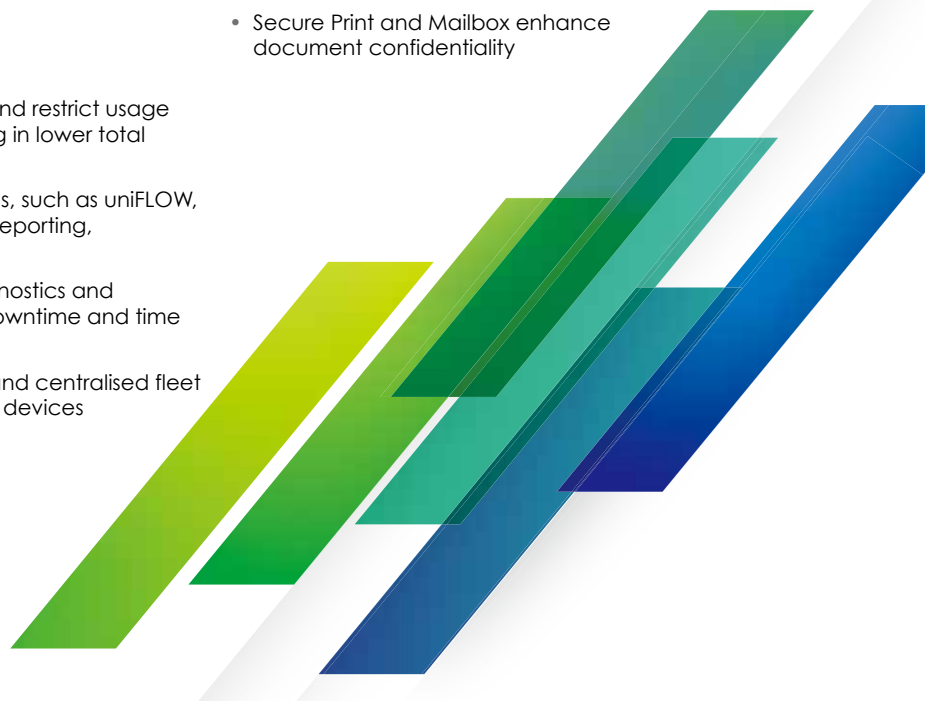
Cost Management

- The ability to apply print policies, monitor output, and restrict usage by user helps reduce unnecessary printing, resulting in lower total document cost.

- Tight integration with output management solutions, such as uniFLOW, provides the ability to carry out detailed tracking, reporting, and cost analysis.

- Quality and reliability, combined with remote diagnostics and assistance, can help reduce costs by minimising downtime and time spent by IT resolving issues.

- Consistent user operation combined with remote and centralised fleet management can help simplify IT management of devices and entire fleets.

Device and Fleet Management Efficiency

- Synchronise personalised user settings across multiple devices through My ADVANCE Sync.
- Canon's device management tools give you a centralised point of control across your entire fleet, upgrade devices remotely, check device and consumables status and capture meter readings.
- Standard PCL and optional Adobe® PostScript® 3™ print driver allows seamless integration with enterprise applications.
- Remote diagnostics allow timely, accurate and effective resolution.
- Intuitive user maintenance videos and status notifications available to help achieve maximum uptime and keep supplies replenished.
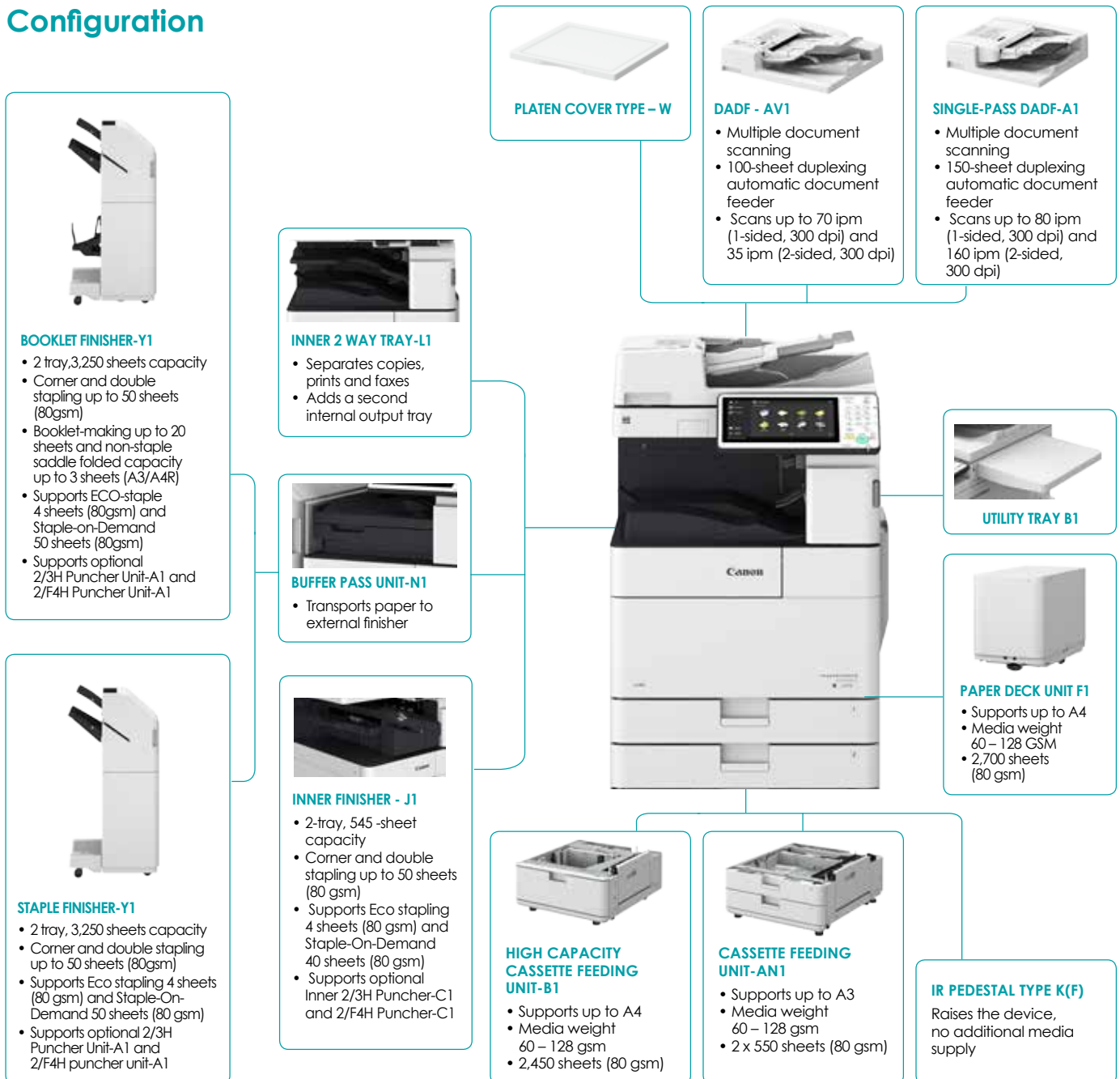
Reliability

- Canon's signature reliability and engine technologies contribute to high-quality output to meet the needs of busy departments.
- State-of-the-art imaging technologies and toner allow for consistent images in rich black-and-white tones and 1200-dpi print resolution.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished. These models also include intuitive user maintenance videos and the ability to replace toner on the fly.
- Maximum paper capacity of 6,330 sheets reduces downtime.

Sustainability

- Canon's innovative Quick Fixing(QF) toner enables high quality fixing at low temperature and pressure, reducing power consumption and optimise productivity.
- Minimise waste by holding jobs at the device with Force Hold Print. Choose to preview your print jobs or even change print settings at the device to achieve the desired results at the first time of printing.
- Incorporates sustainable design, with the use of recycled materials and biobase plastic, and a focus on minimising environmental impact.
- Consumes as little as 0.9W in sleep mode.

Configuration

PLATEN COVER TYPE – W

DADF - AV1
- Multiple document scanning
- 100-sheet duplexing automatic document feeder
- Scans up to 70 ipm (1-sided, 300 dpi) and 35 ipm (2-sided, 300 dpi)

SINGLE-PASS DADF-A1
- Multiple document scanning
- 150-sheet duplexing automatic document feeder
- Scans up to 80 ipm (1-sided, 300 dpi) and 160 ipm (2-sided, 300 dpi)

BOOKLET FINISHER-Y1
- 2 tray,3,250 sheets capacity
- Corner and double stapling up to 50 sheets (80gsm)
- Booklet-making up to 20 sheets and non-staple saddle folded capacity up to 3 sheets (A3/A4R)
- Supports ECO-staple 4 sheets (80gsm) and Staple-on-Demand 50 sheets (80gsm)
- Supports optional 2/3H Puncher Unit-A1 and 2/F4H Puncher Unit-A1

INNER 2 WAY TRAY-L1
- Separates copies, prints and faxes
- Adds a second internal output tray

BUFFER PASS UNIT-N1
- Transports paper to external finisher

UTILITY TRAY B1

PAPER DECK UNIT F1
- Supports up to A4
- Media weight 60 – 128 GSM
- 2,700 sheets (80 gsm)

STAPLE FINISHER-Y1
- 2 tray, 3,250 sheets capacity
- Corner and double stapling up to 50 sheets (80gsm)
- Supports Eco stapling 4 sheets (80 gsm) and Staple-On-Demand 50 sheets (80 gsm)
- Supports optional 2/3H Puncher Unit-A1 and 2/F4H puncher unit-A1

INNER FINISHER - J1
- 2-tray, 545 -sheet capacity
- Corner and double stapling up to 50 sheets (80 gsm)
- Supports Eco stapling 4 sheets (80 gsm) and Staple-On-Demand 40 sheets (80 gsm)
- Supports optional Inner 2/3H Puncher-C1 and 2/F4H Puncher-C1

HIGH CAPACITY CASSETTE FEEDING UNIT-B1
- Supports up to A4
- Media weight 60 – 128 gsm
- 2,450 sheets (80 gsm)

CASSETTE FEEDING UNIT-AN1
- Supports up to A3
- Media weight 60 – 128 gsm
- 2 x 550 sheets (80 gsm)

IR PEDESTAL TYPE K(F)
Raises the device, no additional media supply

MAIN UNIT

Type
Monochrome Laser Multifunctional

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

Processor
Canon Dual Custom Processor (Shared)

Control Panel
Standard : 10.1 inch TFT LCD WSVGA Colour Touch Panel

Memory
Standard : 3.0GB RAM

Hard Disk Drive
Standard : 250GB
Maximum : 1TB

Mirroring Hard Disk Drive
Optional 250GB, 1TB

Interface Connection
Network Standard: 1000Base-T/100Base-TX/10Base-T,
Wireless LAN (IEEE 802.11 b/g/n)
Optional : NFC, Bluetooth
Others Standard: USB 2.0 x2 (Host), USB 3.0 x1 (Host),
USB 2.0 x1 (Device)
Optional : Serial Interface, Copy Control
Interface

Paper Capacity (80gsm/A4)
Standard : 1,180 Sheets
Maximum : 6,330 Sheets

Paper Sources (80gsm/A4)
Standard : Two 550-sheet Paper Cassettes
80-sheet Multi-purpose tray
Optional : **CASSETTE FEEDING UNIT-AN1**:
Two 550-sheet Paper Cassettes
HIGH CAPACITY CASSETTE FEEDING UNIT-B1:
2,450-sheet Paper deck
PAPER DECK UNIT-F1:
2,700-sheet Paper deck
Maximum: 6,330 Sheets

Paper Output Capacity (80gsm/A4)
Standard : 250 Sheets
Maximum : 3,350 Sheets
(with STAPLE FINISHER-Y1/BOOKLET FINISHER-Y1)

Finishing Capabilities
Standard : Collate, Group
With Inner Finisher option: Offset, Collate, Group, Staple,
Hole Punch*, ECO-Staple, Staple-On Demand
With External Finisher option: Offset, Collate, Group, Staple,
Hole Punch*, Saddle Stitch**, ECO-Staple,
Staple-On Demand
*Require inner hole puncher option
**Require Booklet Finish-Y1 option

Supported Media Types
Cassettes (1/2):
Thin paper, Plain paper, Thick paper, Colour paper,
Recycled paper, Pre-punched paper

Multi-Purpose Tray:
Thin paper, Plain paper, Thick paper, Colour paper,
Recycled paper, Pre-punched paper, *Transparency,
Tracing paper, Label, Bond paper, Envelope

Cassette Feeding Unit-AN1 (3/4):
Thin paper, Plain paper, Thick paper, Colour paper,
Recycled paper, Pre-punched paper

High Capacity Cassette Feeding Unit-B1:
Thin paper, Plain paper, Thick paper, Colour paper,
Recycled paper, Pre-punched paper

Paper Deck Unit-F1:
Thin paper, Plain paper, Thick paper, Colour paper,
Recycled paper, Pre-punched paper
*Use only A4 transparencies made especially for multi-functional device

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

Cassette 2:
Standard size : A3, B4, A4, A4R, B5, B5R, A5R, Foolscap,
India Legal, F4A
Custom Size   : Min. 139.7 x 182 mm up to 297 x 431.8 mm

Cassette Feeding Unit-AN1 (3/4):
Standard size : A3, B4, A4, A4R, B5, B5R, A5R, Foolscap,
India Legal, F4A
Custom Size   : 139.7 x 182 mm up to 297 x 431.8 mm

High Capacity Cassette Feeding Unit-B1: A4

Paper Deck Unit-F1: A4, B5

Multi-Purpose Tray:
Standard size : A3, B4, A4, A4R, B5, B5R, A5R, Foolscap,
India Legal, F4A
Custom Size   : 98 x 148 mm up to 297 x 431.8 mm

Supported Media Weights
CASSETTES   : 60 to 128 gsm
MULTI-PURPOSE TRAY : 52 to 220 gsm
DUPLEX   : 60 to 105 gsm

Warm-up Time
From Power On* : 24 Seconds or Less
*Time between device power-on and when the start key is enabled
(Force Hold print)
From Deep Sleep Mode   : 10 Seconds or Less
Quick Startup Mode   : 4 seconds or less**
** If <Quick Startup Settings for Main Power> is set to "On", it takes 4
seconds until the key operation on the touch panel display is available
after turning on the main power of the machine. Depending on the
situations, the machine does not startup quickly.

Dimensions (W x D x H)
With SINGLE PASS DADF-A1: 587 x 740 x 945 mm
With DADF-AV1: 587 x 750 x 926 mm

Installation Space (W x D)
Basic   : 889 x 1171.9 mm (with SINGLE PASS
DADF-A1 + Multi-purpose tray open +
Cassette Drawers open)
889 mm x 1181.9 mm (with DADF-AV1 +
Multi-purpose tray open + Cassette
Drawers open)
Fully   : 1,811 mm x 1,269.9 mm (with SINGLE PASS
Configured   DADF-A1 + PAPER DECK UNIT-F1 +
BOOKLET FINISHER-Y1 + Cassette Drawers
open)
1,811 mm x 1,279.9 mm (with DADF-AV1 +
PAPER DECK UNIT-F1 + BOOKLET
FINISHER-Y1 + Cassette Drawers open)

Weight including the toner bottle
Approx. 86.6kg (with SINGLE PASS DADF-A1)
Approx. 81.3kg (with DADF-AV1)

Print Specifications

Printing Method
Monochrome laser beam printing

Print Speed   iR-ADV 4551i 51 ppm (A4) 25 ppm (A3)
iR-ADV 4545i 45 ppm (A4) 22 ppm (A3)
iR-ADV 4535i 35 ppm (A4) 22 ppm (A3)
iR-ADV 4525i 25 ppm (A4) 15 ppm (A3)

Print Resolution
Up to 1,200 dpi x 1,200 dpi

Page Description Languages
UFR II (Standard), PCL6 (Standard), Adobe PS 3 (Option)

Double Sided Printing
Automatic (Standard)

Direct Print
Direct printing available from USB memory key,
Advanced box, Remote UI and Web Access*
Supported File Types: PDF, TIFF, JPEG, XPS
*Only PDF print from websites is supported.

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

Operating System
UFRII: Windows Vista/Server 2008/Windows 7/Server 2008
R2/ Windows 8/Server 2012/Windows 8.1/Server
2012 R2/ Windows 10, MAC OS X (10.6.8 or later)

PCL: Windows Vista/Server 2008/Windows 7/Server 2008
R2/ Windows 8/Server 2012/Windows 8.1/Server
2012 R2/ Windows 10

PS: Windows Vista/Server 2008/Windows 7/Server 2008
R2/ Windows 8/Server 2012/Windows 8.1/Server 2012
R2/ Windows 10, 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/Windows 7/Windows 8/Windows8.1/
Windows10

Copy Specifications

Copy Speed (BW/Colour)
iR-ADV 4551i 51 ppm (A4) 25 ppm (A3)
iR-ADV 4545i 45 ppm (A4) 22 ppm (A3)
iR-ADV 4535i 35 ppm (A4) 22 ppm (A3)
iR-ADV 4525i 25 ppm (A4) 15 ppm (A3)

***First-Copy-Out Time (A4)**
* 20 °C to 30 °C Environment
iR-ADV 4551i: Approx. 3.7 seconds or less
iR-ADV 4545i/4535i: Approx. 3.8 seconds or less
iR-ADV 4525i: Approx. 5.2 seconds or less

Copy Resolution
Reading : 600 dpi x 600 dpi
Printing   : 1,200 dpi x 1,200 dpi
Multiple Copies
Up to 999 copies

Copy Exposure
Automatic or Manual (10 Levels)

Magnification
25% - 400% (1% Increments)

Preset Reductions
25%, 50%, 61%, 70%, 81%, 86%

Preset Enlargements
115%, 122%, 141%, 200%, 400%

Scan Specifications

Type
Single-pass Duplexing Automatic Document Feeder or
Duplexing Automatic Document Feeder

Document Feeder Paper Capacity
SINGLE PASS (SP) DADF-A1: 150 Sheets (80 gsm)
DADF-AV1: 100 Sheets (80 gsm)

Document Feeder Supported Media Sizes
SP DADF-A1: A3,B4, A4, A4R, B5, B5R, A5, A5R, B6R
DADF-AV1: A3, B4, A4, A4R, B5, B5R, A5, A5R, B6

Document Feeder Supported Media Weights
SP DADF-A1
Single-sided scanning: 38 to 157 gsm (BW)
64 to 157 gsm (CL)
Double-sided scanning: 50 to 157 gsm (BW)
64 to 157 gsm (CL)

DADF-A1
Single-sided scanning: 38 to 128 gsm (BW)
64 to 128 gsm (CL)
Double-sided scanning: 50 to 128 gsm (BW)
64 to 128 gsm (CL)

Pull Scan Spec
Color Network ScanGear2. For both Twain and WIA
Supported OS: Windows Vista/7/8/8.1/10 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

Platen Acceptable Originals
Platen: Sheet, Book, 3-Dimensional Objects [Up to 2kg]
Paper Size: A3, B4, A4, A4R, B5, B5R, A5, A5R

Scan Speed (A4)
SP DADF-A1:
Single-sided Scanning (BW): 80 ipm (300pi)/80 ipm (600 dpi)
Single-sided Scanning (Colour): 80 ipm (300pi)/60 ipm (600 dpi)
Double-sided Scanning (BW): 160 ipm (300pi)/150 ipm (600 dpi)
Double-sided Scanning (Colour): 160 ipm (300pi)/80 ipm (600 dpi)

DADF-AV1:
Single-sided Scanning (BW): 70 ipm (300pi) / 51 ipm (600 dpi)
Single-sided Scanning (Colour): 70 ipm (300pi) / 51 ipm (600 dpi)
Double-sided Scanning (BW): 35 ipm (300pi) / 25.5 ipm (600 dpi)
Double-sided Scanning (Color): 35 ipm (300pi) / 25.5 ipm (600 dpi)

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, Mail Box,
Super G3 FAX(Optional), IP Fax(Optional)

Colour Mode
Automatic-Colour Select (Full Colour/Grayscale),
Automatic-Colour Select(Full Colour/Black-and-White),
Full colour, Grayscale, and Black-and-White

Address Book
LDAP (2,000)/Local (1,600)/One-touch (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 3.0, WebDAV
E-mail/I-Fax : SMTP, POP3, I-Fax (Simple, Full)

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

Fax Specifications

Optional/ Standard   Optional on all models

Maximum Number of Connection Lines 4

Modem Speed   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 A5R* 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

Store Specifications

Mail Box (Number supported)
100 User Inboxes, 1 Memory RX Inbox,
50 Confidential Fax Inboxes
30,000 Maximum Pages Stored

Advanced Box
Communication Protocol: SMB or WebDAV
Supported Client PC: Windows (Windows Vista/7/8/8.1/10)
Concurrent Connections (Max.): SMB: 64, WebDAV: 3
(Active Sessions)

Advanced Box Available Disc Space
Approx. 16GB (Standard HDD)
Approx. 480GB (1TB HDD)

Memory Media
Standard: USB Memory

Security Specifications

Authentication
Standard : Picture Login Authentication,
User Authentication, Department ID
Authentication, (Device and Function
Level Login), Access Management System
Optional: My Print Anywhere secure print
(Requires uniFLOW)

Data
Standard: Trusted Platform Module (TPM), Hard Disk
Password Lock, Hard Disk Drive Erase, Hard
Disk Drive Encryption (FIPS140-2 Validated),
Mail Box Password Protection
Optional : Hard Disk Drive Mirroring, Hard Disk Drive
removal, , IEEE 2600.2 Common Criteria
Certification.
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, Force Hold Print
Optional : Encrypted PDF, Encrypted Secure Print,
User and Device Signatures, Secure
Watermarks, Document Scan Lock

Environmental Specifications

Operating Environment
Temperature: 10 to 30 ºC
Humidity: 20 to 80 % RH (no condensation)

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

Power Consumption
Maximum: 1.5 kW
Standby: Approx. 37 W*
Sleep mode: Approx. 0.9 W **
*Reference Value
**0.9W sleep mode is not available in all circumstances due to certain settings.

Paper Supply Options

PAPER SUPPLYING UNIT
Cassette Feeding Unit-AN1
Paper Size   : A3, B4, A4, A4R, B5R, B5, A5R
Custom size   : 139.7 mm x 182.0 mm to
297.0 to 431.8 mm
Paper Weight   : 60 to 128 gsm
Paper Capacity   : 550 sheets x 2 (80 gsm)
Power Source   : From the Main Unit
Dimensions (WxDxH) : 565 x 650 x 248 mm**
Weight   : Approx. 23.5 kg
**When attached with the Main Unit

High Capacity Cassette Feeding UNIT-B1
Paper Size   : A4
Paper Weight   : 60 to 128 gsm
Paper Capacity   : 2,450 sheets (80 gsm)
Power Source   : From the Main Unit
Dimensions (WxDxH) : 565 x 650 x 248 mm**
Weight   : Approx. 28 kg
**When attached with the Main Unit

Paper Deck Unit-F1
Paper Size   : A4, B5
Paper Weight   : 60 to 128 gsm
Paper Capacity   : 2,700 sheets (80 gsm)
Power Source   : From the Main Unit
Dimensions (WxDxH) : 400 x 630 x 440 mm
Weight   : Approx. 31 kg

Software and Printer Management

Remote management tools
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 Allows the Remote distribution of
System: 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.

iW Management Server-based software for centralised
Console: 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)

Scanning software
Network   TWAIN-compliant scanner driver that
ScanGear: enables computers on a network to
use the pull scan functionality of the
device.
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.

Document Publishing
iW DESKTOP: Powerful print publishing software which
easily combines documents from
different sources and file formats,
applies finishing with preview and
templates to create professional looking
documents. Includes PDF creation,
annotation and compression
capabilities for simple digital workflows
such as proofing and authorization.

Hardware Accessories

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

To arrange for a demonstration, simply contact any of our offices below.

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