

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



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

WORKFLOW EFFICIENCY

- Intuitive touchscreen provides users with smartphone-like usability, making navigation a breeze.
- Single-Pass document feeder option allows 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.
- Various finishing functions such as Staple-on-Demand, ECO-Staple, saddle stitch, double/corner stapling and foldings are available as an option.

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.
- Seamless integration with output management solutions, such as uniFLOW or uniFLOW Online Express for 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.
- Consistent user operation combined with remote and centralised fleet management can help simplify IT management of devices and entire fleets.

SECURITY

- Control who has access to the device with different authentication methods such as picture login, department ID, user authentication and card access.
- Ensure information privacy and security across your network with IPsec, port filtering capabilities, and SSL technology.
- Enhance document confidentiality with encrypted secure print, secure print, secure watermark, encrypted PDF and device signature PDF.
- Ensure device is safe from unknown firmware installation with system verification at startup.
- Integrate with third-party solutions for complete monitoring protection.

QUALITY AND RELIABILITY

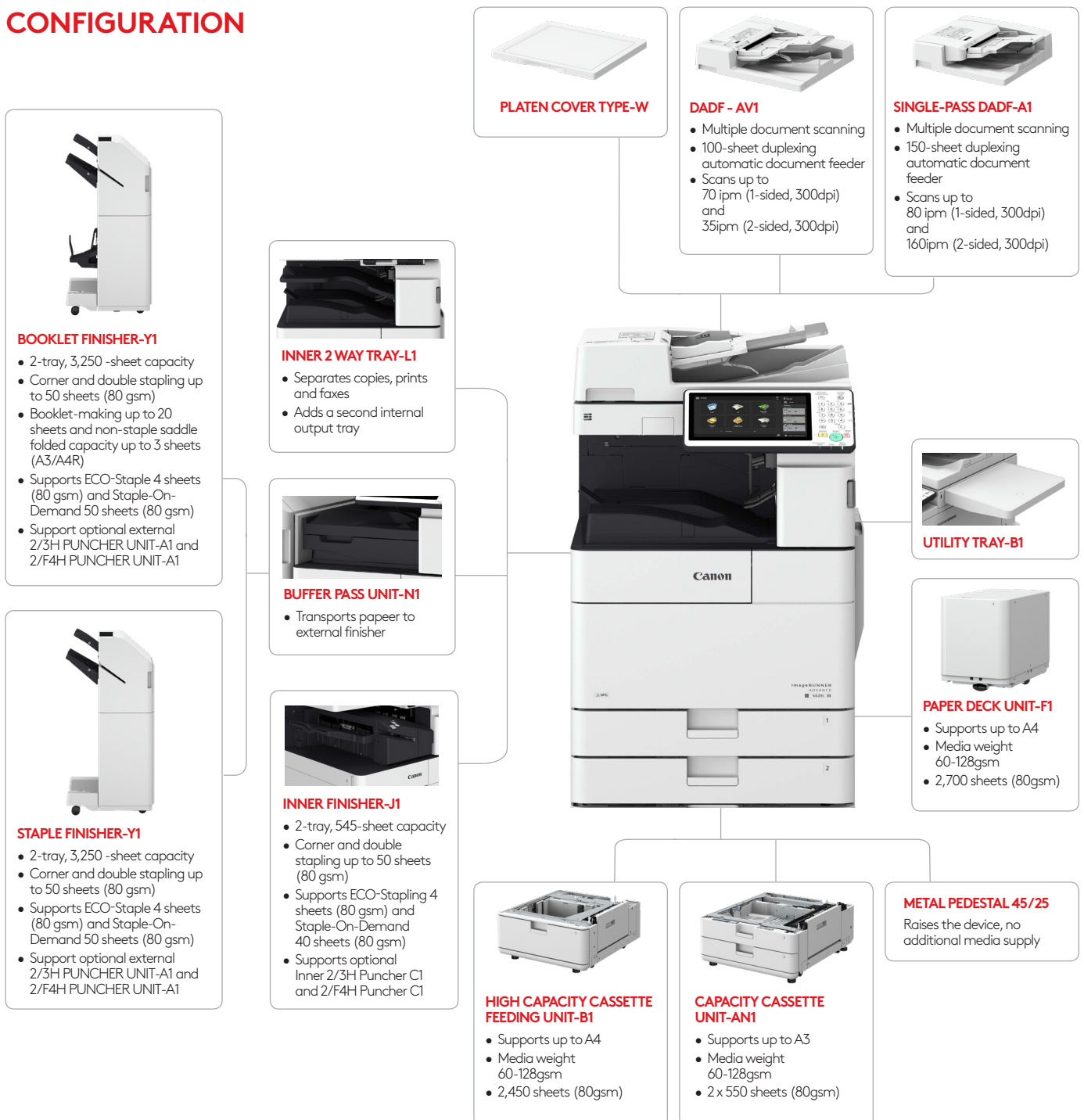
- Canon's signature reliability and engine technologies contribute to high-quality output to meet the needs of busy department.
- State-of-the-art imaging technologies and toner allow for consistent images in rich black-and-white tones and 1,200-dpi print resolution.
- Canon's device management tools 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.

SUSTAINABILITY

- Fusing technologies and innovative sleep mode features help lower overall energy consumption.
- Minimise paper wastage 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.
- Consumes as little as 0.9W in sleep mode.

CONFIGURATION



MAIN UNIT

Type

A3 Monochrome Laser Multifunctional

Core Function

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

Processor

Canon Dual Custom Processor (Shared)

Control Panel

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 : 100Base-T/100Base-TX/10Base-T,
Wireless LAN (IEEE 802.11 b/g/n)
Optional : NFC, Bluetooth Low Energy

Others

Standard : USB 2.0 x 2 (Host), USB 3.0 x1 (Host),
USB 2.0 x1 (Device)
Optional : Serial Interface, Copy Control Interface

Paper Supply Capacity (A4, 80gsm)

Standard : 1,200 sheets (2x 550-sheet cassette, 100-sheet
multi-purpose tray)
Maximum : 6,350 sheets (with High Capacity Cassette
Feeding Unit-B1 and Paper Deck Unit-F1)

Paper Output Capacity (A4, 80gsm)

Standard : 250 Sheets
Maximum : 3,350 Sheets (with Buffer Pass-N1 +
Staple Finisher-Y1 or Booklet Finisher-Y1)

Finishing Capabilities

Standard : Collate, Group
With Inner Finisher : Collate, Group, Offset, Staple,
Hole Punch¹, ECO-Staple,
Staple-on-Demand

With External Finisher² : Collate, Group, Offset, Staple,
Booklet³, Hole Punch⁴,
ECO-Staple, Staple-on-Demand

*1 Requires Inner 2/3 Hole Puncher-C1 or Inner 2/F4 Hole Puncher-C1

*2 Requires Buffer Pass-N1

*3 Requires Booklet Finisher-Y1

*4 Requires 2/3 HOLE PUNCHER UNIT-A1 or 2/F4 HOLE PUNCHER UNIT-A1

Supported Media Types

Paper Cassette (1/2):

Thin, Plain, Thick, Colour, Recycled, Pre-punched

Multi-Purpose Tray:

Thin, Plain, Thick, Colour, Recycled, Pre-punched, Transparency,
Tracing*, Label, Bond, Envelope

* Some type of tracing paper cannot be used.

Supported Media Sizes

Cassette 1:

Standard size: A4, A4R, A5R, B4, B5, B5R, Foolscap,
India Legal, F4A
Custom Size: Min. 139.7 x 182.0 mm up to 297.0 x 390.0 mm

Cassette 2:

Standard size: A3, A4, A4R, A5R, B4, B5, B5R, Foolscap,
India Legal, F4A
Custom Size: Min. 139.7 x 182.0 mm up to 297.0 x 431.8 mm

Multi-Purpose Tray:

Standard size: A3, A4, A4R, A5, A5R, A6R, B4, B5, B5R,
Foolscap, India Legal, F4A, Envelopes
[No. 10(COM 10), Monarch, ISO-C5, DL]
Custom Size: Min. 98.0 x 148.0 mm to 297.0 x 431.8 mm
Free size: Min. 98.0 x 148.0 mm to 297.0 x 431.8 mm

Supported Media Weights

Paper Cassettes (1/2) : 60 to 128 gsm
Multi-purpose tray : 52 to 220 gsm
(Thin vertical grain paper feed only:
52-59gsm)
Duplex : 60 to 105 gsm

Warm-up Time

From Power On : 30 Seconds or Less¹
From Deep Sleep Mode: 10 Seconds or Less
Quick Startup Mode : 4 seconds or less¹

*1 Time from device power-on to when key operations can be performed
on the touch panel display.

Dimensions (W x D x H)

With platen cover : 587 x 728 x 822 mm
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 1,160 mm (with Platen Cover Type W +
Multi-purpose tray open/extension tray extended +
Paper Cassette open)
889 x 1,172 mm (with Single Pass DADF-A1 + Multi-
purpose tray open/extension tray extended + Paper
Cassette open)
889 x 1,182 mm (with DADF-AV1 + Multi-purpose tray
open/extension tray extended + Paper Cassette open)
Fully Configured:
1,811 x 1,270 mm (with Single Pass DADF-A1 + Paper Deck
Unit-F1 + Booklet Finisher-Y1 with Saddle unit drawn +Paper
Cassette open)

1,811 x 1,280 mm (with DADF-AV1 + Paper Deck Unit F1 +
Booklet Finisher-Y1 with Saddle unit drawn +Paper Cassette
open)

Weight

iR-ADV 4551i III/4545i III/4535i III:

With Platen Cover Type W : Approx. 75 kg including toner
With Single Pass DADF-A1 : Approx. 87 kg including toner
With DADF-AV1 : Approx. 82 kg including toner

iR-ADV 4525i III:

With Platen Cover Type W : Approx. 74 kg including toner
With Single Pass DADF-A1 : Approx. 86 kg including toner
With DADF-AV1 : Approx. 81 kg including toner

Print Specifications

Print Speed (ppm)

iR-ADV 4551i III: Up to: 51 (A4)
25 (A3),
37 (A4R)
20 (A5R)

iR-ADV 4545i III: Up to: 45 (A4)
22 (A3)
32 (A4R)
20 (A5R)

iR-ADV 4535i III: Up to: 35 (A4)
22 (A3),
32 (A4R)
20 (A5R)

iR-ADV 4525i III: Up to: 25 (A4)
15 (A3),
17 (A4R/A5R)

Print Resolution (dpi)

Data processing resolution : 1,200 x 1,200, 600 x 600
Output resolution : 1,200 x 1,200

Page Description Languages

Standard : UFR II, PCL 6
Optional : Adobe PS 3

Direct Print

Direct printing available from USB memory, Advanced space,
Remote UI and Web Access¹

Supported File Types: PDF, TIFF, JPEG, EPS and XPS

*Only PDF print from websites is supported.

Printing From Mobile and Cloud

AirPrint, Mopria, Google Cloud Print, Canon Print Business
and uniFLOW Online

Fonts

PCL fonts: 93 Roman, 10 Bitmap fonts, 2 OCR fonts,
Andale Mono WT J/K/S/T¹ (Japanese, Korean,
Simplified and Traditional Chinese),
Barcode fonts²

PS fonts: 136 Roman

*1 Requires optional PCL INTERNATIONAL FONT SET-A1

*2 Require optional BARCODE PRINTING KIT-D1

Operating System

UFR II: Windows 7/8.1/10/Server 2008/Server 2008 R2/Server
2012/Server 2012 R2/Server 2016, MAC OS X (10.9 or later)

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

PS: Windows 7/8.1/10/Server 2008/Server 2008 R2/Server
2012/Server 2012 R2/Server 2016, MAC OS X (10.9 or later)

PPD: MAC OS X (10.3.9 or later), Windows 7/8.1/10

Copy Specifications

Copy Speed (ppm)

iR-ADV 4551i III: Up to: 51 (A4)
25 (A3),
37 (A4R)
20 (A5R)

iR-ADV 4545i III: Up to: 45 (A4)
22 (A3)
32 (A4R)
20 (A5R)

iR-ADV 4535i III: Up to: 35 (A4)
22 (A3),
32 (A4R)
20 (A5R)

iR-ADV 4525i III: Up to: 25 (A4)
15 (A3),
17 (A4R/A5R)

First-Copy-Out Time (BW)

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

Copy Resolution (dpi)

Reading : 600 x 600
Printing : Up to 1,200 x 1,200

Multiple Copies

Up to 9,999 copies

Copy Density

Automatic or Manual (9 Levels)

Magnification

25% - 400% (1% Increments)

Presets Reductions

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

Presets Enlargements

115%, 122%, 141%, 200%, 400%

Scan Specifications

Type

Standard : Color Flatbed Scan Unit
Optional : Color Flatbed Scan Unit
Platen cover, Single-pass Duplexing Automatic
Document Feeder (SP DADF-B1) or Duplexing
Automatic Document Feeder (DADF-AV1)
[2-sided to 2-sided (Automatic with DADF)]

Document Feeder Paper Capacity (80gsm)

SINGLE PASS DADF-A1 : 150 Sheets
DADF-AV1 : 100 Sheets

Acceptable Originals and Weights

Platen media size: Sheet, Book, 3-Dimensional Objects
(Height: Up to 50 mm, Weight: up to 2 kg)

Document Feeder media weight (BW/CL):

SINGLE PASS DADF-A1:

1-sided scanning: 38* to 157 gsm (BW) /64 to 157 gsm (CL)

2-sided scanning: 50 to 157 gsm (BW) /64 to 157 gsm (CL)

DADF-AV1:

1-sided scanning: 38* to 128 gsm (BW) /64 to 128 gsm (CL)

2-sided scanning: 50 to 128 gsm (BW) /64 to 128 gsm (CL)

* Originals weighing from 38 g/m² to 42gsm are supported when
scanning a single original that has a width of 257 mm or larger

Supported Media Sizes

Platen: max. scanning size: 297.0 x 431.8 mm

Document Feeder media size:

Single Pass DADF-A1: A3, A4, A4R, A5, A5R, B4, B5, B5R, B6R

Custom size: 128.0 x 139.7 mm to 304.8 x 431.8 mm

DADF-AV1: A3, A4, A4R, A5, A5R, B4, B5, B5R, B6R

Custom size: 139.7 x 128 mm to 297.0 x 431.8 mm

Scan Speed (A4, BW/CL)

SINGLE PASS DADF-A1:

1-sided Scanning (ipm) : 80/80 (300dpi, Send),
80 (600 dpi, BW Copy)

2-sided Scanning (ipm) : 160/160 (300dpi, Send),
150 (600 dpi, BW Copy)

DADF-AV1:

1-sided Scanning (ipm) : 70/70 (300dpi, Send),
51 (600 dpi, BW Copy)

2-sided Scanning (ipm) : 35/35 (300dpi, Send),
25.5 (600 dpi, BW Copy)

Scan Resolution (dpi)

600 x 600, 400 x 400, 300 x 300, 200 x 400, 200 x 200,

200 x 100, 150 x 150, 100 x 100

Pull Scan Spec

Colour Network ScanGear2. For both Twain and WIA
Supported OS: Windows 7/8.1/10/Server 2008/Server 2008
R2/Server 2012/Server 2012 R2/Server 2016

Send Specifications

Destination

E-mail/Internet FAX (SMTP), SMB v3.0, FTP, WebDAV, Mail Box,
Super G3 FAX (Optional), IP Fax (Optional)

Address Book

LDAP (2,000)/Local (1,600)/One-touch (200)

Send Resolution (dpi)

600 x 600, 400 x 400, 300 x 300, 200 x 400, 200 x 200,
200 x 100, 150 x 150, 100 x 100

Communication Protocol

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

File Format

Standard : TIFF, JPEG, PDF (Compact, Apply Policy,
Optimize for Web, PDF A/1-b, Encrypted,
Device Signature), XPS (Compact, Device
Signature)

Optional : PDF (Trace & Smooth, Searchable, User
Signature), XPS (Searchable, User Signature),
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 (dpi) : 400 x 400, 200 x 400, 200 x 200,
200 x 100

Sending/Recording Size : A3, A4, A4R, A5¹, A5R¹, B4, B5², B5R¹

*1 Sent as A4

*2 Sent as B4

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 7/8.1/10)
Concurrent Connections (Max.): SMB: 64
WebDAV: 3 (Active Sessions)

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

Memory Media

Standard: USB Memory

Security Specifications

Authentication

Standard : User Authentication (Picture Login/Keyboard Authentication), DepartmentID Authentication, Access Management System

Optional: My Print Anywhere secure print (Requires uniFLOW), uniFLOW Online Express Cloud based management software

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)

Optional : Hard Disk Drive Mirroring, Hard Disk Drive removal, IEEE 2600.2 Common Criteria Certification, Data Loss Prevention (Requires uniFLOW, iWSAM Express)

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, Encrypted PDF, Encrypted Secure Print, Device signatures, Secure Watermarks

Optional : User signature, Document Scan Lock

Environmental Specifications

Operating Environment

Temperature: 10 to 30 °C
Humidity: 20 to 80 % RH (Relative Humidity)

Power Source

iR-ADV 455i III : 220-240 V (±10 %), 50/60 Hz (±2 Hz), 5.6 Amp
iR-ADV 4545i/4535i III : 220-240 V (±10 %), 50/60 Hz (±2 Hz), 5.2 Amp
iR-ADV 4525i III : 220-240 V (±10 %), 50/60 Hz (±2 Hz), 4.3 Amp

Power Consumption

Maximum: 1,500W
Standby: Approx. 37 W^{*1}
Sleep mode: Approx. 0.9 W^{*2}

*1 Reference Value (measured one unit)

*2 0.9W sleep mode is not available in all circumstances due to certain settings.

Consumables

Toner : NPG-73 TONER BK

Toner Yield (Estimated Yield @6% Coverage) 42,100 pages

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, highlight expenditures per users/department and pinpoint where costs can be scaled down from a central cloud based location.

Remote management tools

iW Management Console: Server-based software for centralised management of a fleet of devices (includes monitoring of 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

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.

Paper Supply Options

CASSETTE FEEDING UNIT - AN1

Paper Capacity : 550 Sheets x2 (80gsm)
Paper Type : Thin, Plain, Thick, Colour, Recycled, Pre-punched

Paper Size : A3, A4, A4R, A5R, B4, B5R, B5, ,Foolscap, India Legal , F4A

Custom size : 139.7 x 182.0 mm to 297.0 to 431.8 mm

Paper Weight : 60 to 128 gsm

Power Source : From the Main Unit

Dimensions (WxDxH) : 565 x 650 x 248 mm (attached to the main unit)

Weight : Approx. 23.5 kg

HIGH CAPACITY CASSETTE FEEDING UNIT - B1

Paper Capacity : 2,450 sheets (80 gsm)
Paper Type : Thin, Plain, Thick, Colour, Recycled, Pre-punched

Paper Size : A4

Paper Weight : 60 to 128 gsm

Power Source : From the Main Unit

Dimensions (WxDxH) : 565 x 650 x 248 mm (attached to the main unit)

Weight : Approx. 28 kg

PAPER DECK UNIT - F1

Paper Capacity : 2,700 sheets (80 gsm)
Paper Type : Thin, Plain, Thick, Colour, Recycled, Pre-punched

Paper Size : A4, B5

Paper Weight : 60 to 128 gsm

Power Source : From the Main Unit

Dimensions (W x D x H) : 344 x 630 x 440 mm (attached to the main unit)

Weight : Approx. 31 kg

Hardware Accessories

Card Readers

IC CARD READER BOX-C1
COPY CARD READER-F1
COPY CARD READER ATTACHMENT-B5

Others

PLATEN COVER TYPE W
ENVELOPE FEEDER ATTACHMENT KIT-D1
UTILITY TRAY-B1

Security Options

Document Security

DOCUMENT SCAN LOCK KIT-B2

Data Security

HDD MIRRORING KIT-J1
2.5INCH/250GB HDD-N1
2.5INCH/1TB HDD-P1
REMOVABLE HDD KIT-AL1

System and Controller Options

Print Accessories

PCL INTERNATIONAL FONT SET-A1
PCL ASIAN FONT SET-A1
PS PRINTER KIT-BX1

Send Accessories

UNIVERSAL SEND DIGITAL USER SIGNATURE KIT-C1
UNIVERSAL SEND ADVANCED FEATURE SET-H1 (TRACE & SMOOTH PDF, SEARCHABLE PDF/XPS, OFFICE OPEN XML)

Barcode Printing

BARCODE PRINTING KIT-D1

System Accessories

SERIAL INTERFACE KIT-K3
BLE CONNECTION KIT-A1
NFC KIT-C1

Fax Accessories

SUPER G3 FAX BOARD-A51
SUPER G3 2ND LINE FAX BOARD-A51
SUPER G3 3RD/4TH LINE FAX BOARD-A51
REMOTE FAX KIT-A1
IP FAX EXPANSION KIT-B1

Other Options

Accessibility Accessories

ADF ACCESS HANDLE-A1
VOICE GUIDANCE KIT-G1
VOICE OPERATION KIT-D1

Consumables

STAPLE-P1
STAPLE CARTRIDGE-Y1

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

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