

Canon

**imageRUNNER
ADVANCE
C5560i / C5550i 
C5540i / C5535i **



Service Guide

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IMPORTANT

THIS SERVICE GUIDE INCLUDES THE INFORMATION RELATING TO THE imageRUNNER ADVANCE C5560i III, imageRUNNER ADVANCE C5550i III, imageRUNNER ADVANCE C5540i III, AND imageRUNNER ADVANCE C5535i III.

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I. Product Overview and Configuration

A. Overview

The Canon imageRUNNER ADVANCE C5500 III Series consists of the imageRUNNER ADVANCE C5560i III, imageRUNNER ADVANCE C5550i III, imageRUNNER ADVANCE C5540i III and imageRUNNER ADVANCE C5535i III.

The imageRUNNER ADVANCE C5500 III Series is a family of high-speed, high-performance color digital imaging devices. The Third Generation Third Edition imageRUNNER ADVANCE platform features enhancements focused on Workflow Efficiency, Device & Fleet Management Efficiency, Security, Cost Management, Sustainability, and Reliability.

The Canon imageRUNNER ADVANCE C5500 III Series is the successor to the imageRUNNER ADVANCE C5500 II Series and imageRUNNER ADVANCE C5500 Series devices.

These models bring the following capabilities to end-users in a medium to large size office environment:

Note: For a detailed list of specifications and differences between the models, please refer to the specifications section in the appendix.

- The imageRUNNER ADVANCE C5560i II/C5550i II and imageRUNNER ADVANCE C5560i/C5550i are Segment 4 devices that print and copy Color and B&W (Black and White) (Letter sized sheets) at speeds of up to 60-ppm (pages per minute) and 50-ppm respectively.
- The imageRUNNER ADVANCE C5540i II/C5540i are Segment 3 devices that prints and copies Color and B&W (Letter sized sheets) at speeds of up to 40-ppm.
- The imageRUNNER ADVANCE C5535i II/C5535i are Segment 2 devices that prints and copies Color and B&W (Letter sized sheets) at speeds of up to 35-ppm.
- Standard Single-Pass Duplexing Automatic Document Feeder (ADF) and Color Image Reader with a scanning speed of up to 160 ipm (Color) @ 300 dpi and a capacity of up to 150-sheets (20 lb bond (80 g/m²)).
- A 250 GB hard disk drive (HDD) expandable to a 1 TB HDD and 4 GB of RAM (Random Access Memory)
- Standard paper sources include two (2) paper cassettes and one (1) multi-purpose tray that combined, can hold a up to 1,200 sheets of paper. Optional paper input options increase the paper capacity to up to 6,350 sheets.
- Supports a maximum paper size of up to 12" x 18".

- Standard USB 3.0 high-speed connectivity is available on the rear-right side of the machine for connecting devices such as an external Hard Disk. Standard USB 2.0 high-speed connectivity is available on the front-right side of the machine for scanning to or printing from USB memory media.
- Standard Color Universal Send.
- Standard UFR II, PCL6, Adobe PostScript 3, and PDF/XPS/TIFF/JPEG Direct Printing.
- Standard embedded 10.1" Color Wide Super VGA high-resolution TFT screen with pinch and flick operability and touchscreen technology similar to that used on many smartphones.
- The Home screen has been updated to merge the Quick Menu and Main Menu functions. Personalized Quick Buttons can now be accessed from the integrated menu and can be moved according to individual user preference. The Timeline has been added and displays the settings of the previous 10 jobs performed (copy, scan, scan and send, store, access to stored files (UFP 3.10 and later), and fax). Previous jobs can be recalled for easy access to those job settings. Timeline entries can also be added as Quick Buttons for each user.
- The main unit includes a motion sensor designed to reduce the perceived waiting time for the device to recover from sleep mode. The device is able to detect an approaching user, predict the user's intent, and recover from sleep mode accordingly. Likewise, the device can predict when the user is finished using the device and returns to sleep mode. Three (3) sensitivity settings are available and, the motion sensor can be turned off allowing the device to transition to and from sleep mode like predecessor models.
- Standard wireless LAN Support for IEEE 802.11 b,g,n.
- Standard security features available with imageRUNNER ADVANCE C5500 III Series include:
 - Encrypted Secure Print
 - Secure Watermark
 - Encrypted PDF
 - Device Digital Signature PDF.
- Unified Firmware Platform version 3.8 includes improvements in workflow efficiency, Security, and Device & Fleet Management efficiency.
- All imageRUNNER ADVANCE C5500 III Series machines are ENERGY STAR Certified.¹

¹ If any options are installed, the device may no longer be ENERGY STAR certified.

B. Unified Firmware Platform

The UFP (Unified Firmware Platform) provides a common firmware base across all Third Generation imageRUNNER ADVANCE devices. This makes it possible to unify development, and reflect the same functions and the latest specifications in all supported Third Generation imageRUNNER ADVANCE devices.

UFP updates are performed on a regular basis, and include new specifications and enhancements. Critical bug fix firmware updates are released as needed.

The UFP offers the following features and benefits to the Third Generation imageRUNNER ADVANCE devices.


- Consistent firmware updates across the Third Generation imageRUNNER ADVANCE devices in your fleet.
- New features and error fixes are applied to all Third Generation imageRUNNER ADVANCE devices in your fleet at one time.

See the *Unified Firmware Platform Features Reference Manual* available on the Partner Portal and e-Support for the latest UFP release available for this model series, and the new features introduced with that release.

C. Configuration

Note: All Configurations shown are for reference purposes only and are subject to change without notice. Please refer to the Dealers Price List on the Partner Portal (<http://partners.usa.canon.com/>) for the most up-to-date Item Numbers.

Table 1 – imageRUNNER ADVANCE C5500 III Series Main Engine

Item	Item Number ²
 <p data-bbox="513 940 1252 1014">imageRUNNER ADVANCE C5560i II with Booklet Finisher-Y1, Cassette Feeding Unit-AM1 and Paper Deck Unit-F1</p>	
Print Engine	
imageRUNNER ADVANCE C5560i III ³	3273C002AA
imageRUNNER ADVANCE C5550i III ³	3274C002AA
imageRUNNER ADVANCE C5540i III ³	3275C002AA
imageRUNNER ADVANCE C5535i III ³	3276C002AA

² Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

³ Ships standard with 2 x 550-sheet Paper Cassettes, UFR II/PCL/PS Printing, Direct PDF/XPS Printing, Color Universal Send with PDF High Compression, Encrypted PDF, Digital Signature PDF, Searchable PDF/XPS, OOXML (Scan to PPT and Word), Universal Login Manager, Access Management System, HDD Data Erase, Data Encryption (FIPS-140-2), IP Sec, Encrypted Secure Print, Secure Watermark, Web Browser, Single Pass Duplexing Automatic Document Feeder, Color Image Reader, Ethernet 1000Base-T/100Base-TX/10Base-T, USB 2.0/3.0 High Speed Connectivity, Wifi Connectivity, Remote Operator's Software Kit, Color Network ScanGear and Drum Units.

Table 2 – Hardware Accessories

Item	Item Number ²
High Capacity Cassette Feeding Unit-A1 ⁴	0610C002AA
Cassette Feeding Unit-AM1 ⁴	0609C002AA
Cabinet Type-N ⁴	1770C001AB
Paper Deck Unit-F1 ⁵	0607C002AA
Inner 2way Tray-J1 ⁶	9611B001AA
Inner Finisher-H1 ⁶	0615C002AA
Inner 2/3 Hole Puncher-B1 ⁷	0618C002AA
Staple Finisher-Y1 ^{6, 8}	0613C002AA
Booklet Finisher-Y1 ^{6, 8}	0614C002AA
Buffer Pass Unit-L1	0619C002AA
2/3 Hole Puncher Unit-A1 ⁹	0126C001AA
FL Cassette-AZ1 (replacement for cassette 2, 3 and 4) ¹⁰	0611C001AA
FL Cassette-BA1(replacement for cassette 1) ¹¹	0612C001AA
Tab Feeding Attachment-F1 ^{12, 13}	8930B001AA
Copy Tray-J2	8815A003AA
Utility Tray-B1	0165C001AA
Platen Cover Type W	0606C001AA
Printer Cover-J1 ¹⁴	0626C001AA
USB Key Board (Cherry) ¹⁵	1266V426
Copy Card Reader Attachment-B5	3684B005AA
Copy Card Reader-F1 ¹⁶	4784B001AA
Canon Card Set-A1 (1-30)	4781B001AA
Canon Card Set-A2 (31-100)	4781B002AA
Canon Card Set-A3 (101-200)	4781B003AA
Canon Card Set-A4 (201-300)	4781B004AA
Canon Card Set-A5 (301-500)	4781B005AA
Canon Card Set-A6 (501-1000)	4781B006AA
Braille Label Kit-F1	7518A004AA
ADF Access Handle-A1	1095B001AA

² Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

Table 2 – Hardware Accessories - Continued

Item	Item Number ²
Copy Control Interface Kit-A1	3726B001AA
Convenience Stapler-A1 (White)	1348V957
Universal Keyboard Stand-A1	2212V477
Card Reader Assembly for Universal Keyboard Stand	2212V478

² Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

Table 3 – System Connectivity Accessories

Item	Item Number ²	eLAN Item Number ¹⁷
PCL International Font Set-A1	-	4821B003AA
Barcode Printing Kit-D1	-	3999B004AA
MEAP Web Connection Kit V 5.3 SP1 for Gen3	-	4848B065AJ
Universal Send Trace & Smooth PDF Kit-A1	-	8581B002AA
Universal Send Digital User Signature Kit-C1	-	1326B013AA
Super G3 FAX Board-AS2	0166C007AA	-
Super G3 2nd Line Fax Board-AS2 ¹⁸	0167C007AA	-
Super G3 3rd/4th Line Fax Board-AS2 ¹⁹	0168C004AA	-
IP FAX Expansion Kit-B1 ^{18, 20}		0170C004AA
Remote FAX Kit-A1 ²¹	-	3679B005AA
IC Card Reader Box-C1	0625C001AA	-
Document Scan Lock Kit-B2	3840B014AA	-
HDD Mirroring Kit-J1 ²²	0180C001AA	-
Removable HDD Kit-AL1	0179C001AA	-
HDD Data Erase Scheduler V3.1.1	-	4164BV44AB
HDD Data Erase Scheduler V3.1.1 NFR	-	4164BV45AB
2.5inch/250GB HDD-N1 ²³	0177C001BA	-
2.5inch/1TB HDD-P1	0178C001AA	-
Voice Guidance Kit-G1	0171C001AA	-
Voice Operation Kit-D1	0172C002AA	-

² Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

- 4 The High Capacity Cassette Feeding Unit-A1, Cassette Feeding Unit-AM1 and Cabinet Type-N cannot be installed at the same time.
- 5 High Capacity Cassette Feeding Unit-A1 or Cassette Feeding Unit-AM1 is required to install the Paper Deck Unit-F1.
- 6 The Staple Finisher-Y1, Booklet Finisher-Y1, Inner Finisher-H1, and Inner 2-Way Tray-J1 cannot be installed at the same time.
- 7 Requires Inner Finisher-H1
- 8 Requires Buffer Pass Unit-L1
- 9 Requires Staple Finisher-Y1 or Booklet Finisher-Y1.
- 10 Optional replacement 11" x 17" cassette for Paper Drawers 2, 3, and 4.
- 11 Optional replacement LGL (Legal) cassette for Paper Drawer 1.
- 12 Can only be installed in Paper Drawer 2.
- 13 If the Inner Finisher-H1 is installed, Copy Tray-J2 is required for tab output.
- 14 Requires removing the standard Single Pass Duplexing ADF and Reader.
- 15 When installing USB Keyboard it is recommended to install the Utility Tray-B1 or Universal Keyboard Stand-A1
- 16 Requires the Copy Card Reader Attachment Kit-B3
- 17 The eLAN (Electronic License Access Number) is delivered via the CNA section of the Partner Portal.
- 18 Requires Super G3 FAX Board-AS2
- 19 Requires Super G3 FAX Board-AS2 and Super G3 2nd Line Fax Board-AS2.
- 20 Cannot be installed with Super G3 2nd Line Fax Board-AS2..
- 21 Cannot be installed with Super G3 FAX Board-AS2.
- 22 HDD Mirroring feature requires two hard drives, either one additional 2.5inch/250GB HDD-N1 with standard 250GB HDD or two 2.5 inch/1TB HDD-P1 replacing standard 250GB HDD.
- 23 250 GB HDD for mirroring functionality only, cannot be used to increase storage.

Table 3 – System Connectivity Accessories Continued

Item	Item Number ²	eLAN Item Number ¹⁷
iR-ADV Security Kit-AE1 for IEEE 2600.1 Common Criteria	TBD	-
Connection Kit-A1 for Bluetooth LE	1303C001AA	-
NFC KIT-C1	1435C001AA	-

2 Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

17 The eLAN (Electronic License Access Number) is delivered via the CNA section of the Partner Portal.

Table 4 – System Connectivity Accessories – imagePASS

Item	Item Number ²
imagePASS-P2 ^{25, 26}	3654C001AA
Hot Folders License	0123B006AA
Productivity Package Web Activate ²⁷	7752A029AA
Fiery Compose	2351B006AA
Fiery Impose	6596A042AA
Fiery Impose and Compose	6596A043AA
X-Rite i1 (for imagePASS-P2)	8002A004AB
i1 Publish (i1 Profiler) Software ^{28 <8>}	3438B025AA
Fiery Color Profiler Suite (for imagePASS-P2) ^{29, 30}	3077B130AA
Fiery Color Profiler Suite Annual Maintenance ³¹	3077B131AA

2 Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

24 Includes iR-ADV Security Kit-P1 for IEEE 2600.1 Common Criteria Certification. Specified configurations and settings need to be applied to the device in order to achieve and maintain IEEE2600.1 CC Certification. Cannot be configured with MEAP Web Connection Kit G3, Remote Fax Kit-A1, imagePASS-P2, ColorPASS-GX500, IP FAX Expansion Kit-B1 Copy Card Reader-F1, NFC KIT-C1, Connection Kit-A1 for Bluetooth LE, some imageWARE options or some MEAP applications.

25 Ships standard with Secure Erase and Paper Catalog Kit.

26 imagePASS-P2 and ColorPASS-GX500 cannot be installed at the same time.

27 Includes Hot Folders, Graphic Arts and Advance Job Management.

28 Service, support and technical assistance are handled directly through X-Rite.

29 Requires maintenance agreement. Includes 1st year of maintenance.

30 A supported spectrophotometer device is required to activate the software license for Color Profiler Suite.

31 For extension from 2nd year. Multiple years of maintenance can be ordered to match a lease contract term.

Table 5 – imageRUNNER ADVANCE Solutions

Item	Item Number ²	eLAN Item Number ¹⁷
imageRUNNER ADVANCE Desktop V4.3 1L with 3 years Software Maintenance	-	4140B764AA
imageRUNNER ADVANCE Desktop V4.3 5L with 3 years Software Maintenance	-	4140B765AA
imageRUNNER ADVANCE Desktop V4.3 20L with 3 years Software Maintenance	-	4140B766AA
imageRUNNER ADVANCE Desktop V4.3 10L NFR ³²	-	4140B767AA
Workflow Composer w/ MEAP Connectors 1L (1 to 4 licenses) ³³	-	4165B136AD
Workflow Composer w/ MEAP Connectors 1L (5 to 19 licenses) ³⁴	-	4165B137AD
Workflow Composer w/ MEAP Connectors 1L (20 or more licenses) ³⁵	-	4165B138AD
Workflow Composer w/ MEAP Connectors 1L NFR	-	4165B139AD
MEAP Connector for SharePoint Server v1.1 (1 Device) ³⁶	-	4165B036AB
imageWARE Scan Manager DS V1.1E 1L with 3 year Software Maintenance ³⁷	-	4144B177AA
imageWARE Scan Manager DS V1.1E 1L NFR ³⁸	-	4144B180AA
imageRUNNER ADVANCE Desktop V4 1L with 1 year Software Maintenance Extension ³⁹	-	4140B775AA
imageRUNNER ADVANCE Desktop V4 5L with 1 year Software Maintenance Extension ³⁹	-	4140B776AA
imageRUNNER ADVANCE Desktop V4 10L with 1 year Software Maintenance Extension ³⁹	-	4140B777AA
imageRUNNER ADVANCE Desktop V4 20L with 1 year Software Maintenance Extension ³⁹	-	4140B778AA
imageRUNNER ADVANCE Desktop V4 50L with 1 year Software Maintenance Extension ³⁹	-	4140B779AA
imageWARE Scan Manager DS V1.0/1.1 EFS 1L with 1 year Software Maintenance Extension ³⁹	-	4144B182AA
imageWARE Scan Manager DS V1.0/1.1 EFS 5L with 1 year Software Maintenance Extension ³⁹	-	4144B183AA

² Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

¹⁷ The eLAN (Electronic License Access Number) is delivered via the CNA section of the Partner Portal.

³² Expires one year after installation

³³ This item requires an order of 1 units or more. No Split Purchases.

³⁴ This item requires an order of 5 units or more. No Split Purchases.

³⁵ This item requires an order of 20 units or more. No Split Purchases.

³⁶ Workflow Composer needs to be installed. MEAP Connector for SharePoint Server

³⁷ imageWARE Scan Manager DS Software ships standard with three-year Software Maintenance.

³⁸ Up to three (3) NFR packages per showroom location are available.

³⁹ Software Maintenance Extensions can be purchased and registered up to 5 years in advance.

Table 5 – imageRUNNER ADVANCE Solutions Continued

Item	Item Number ²	eLAN Item Number ¹⁷
Authorized Send V6.4 (1 License) ⁴⁰	-	4164BP81AF
Authorized Send V6.4 (10 Licenses) ⁴⁰	-	4164BP82AF
Authorized Send V6.4 (100 Licenses) ⁴⁰	-	4164BP83AF
Authorized Send V6.4 (1 License NFR) ⁴⁰	-	4164BP84AF
Authorized Send Barcode Recognition Option V1.0 e-LAN (1 License)	-	4164BP85AA
Authorized Send Barcode Recognition Option V1.0 e-LAN (1 License NFR)	-	4164BP86AA
Authorized Send Fax Server add-on Option V1.0 (1 License) e-LAN		4164BZ57AA
Authorized Send Fax Server add-on Option V1.0 NFR (1 License) e-LAN		4164BZ58AA
Authorized Send To Fax V6.4 (1 License) e-LAN		4164BZ64AA
Authorized Send To Fax V6.4 Foundation Add-on Option (1 License) e-LAN		4164BZ65AA
MiCard PLUS SC ⁴¹	3575B504AA	
AA-PRINT MFP V1.5 G3 ⁴⁰	-	4164BT59AA
AA-PRINT MFP V1.5 G3 NFR ⁴⁰	-	4164BT60AA
MEAP Web Connection Kit V5.4 for Gen3	-	4848B065AL
MEAP for PaperCut v1.6.0	-	14164BZ84AA
Scan To Worldox V1.3 (Software Only) e-LAN 1L-5L, priced each ⁴²	-	4164BZ59AA
Scan To Worldox V1.3 (Software Only) e-LAN 6L-10L, priced each	-	4164BZ60AA
Scan To Worldox V1.3 (Software Only) e-LAN 11+L, priced each	-	4164BZ61AA
Direct Print and Scan for Mobile V2.3.2 1L ⁴³	-	4164BM80AB
Direct Print and Scan for Mobile V2.3.2 NFR 1L ⁴³	-	4164BM81AA

2 Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

17 The eLAN (Electronic License Access Number) is delivered via the CNA section of the Partner Portal.

40 The Application/Jar file can be attained through download only from <http://www.canon.com/fau/downloads/>.

41 MiCard PLUS SC supports 35 different proximity cards types. Refer to the Partner Portal for a complete list of supported card frequencies

42 Requires Worldox/Web Server with a version date of September 25th, 2014 or later with “Active Profile” module add on installed. If an update is required, contact a Worldox Reseller. There may be an additional cost for the update.

Requires Worldox Web Module. Worldox Web module is at an additional cost and is sold and supported by Worldox Resellers and is subject to the Worldox Reseller's terms and conditions. Please note pricing may vary between Worldox Resellers. Please do not have the customer contact World Software Corporation to purchase the module as they'll be referred back to the Worldox Resellers. CUSA dealers should not contact World Software Corporation to purchase or inquire about the module. All questions should go through the customer's Worldox Reseller.

Licenses can be split among different customers.

43 Requires Direct Print Kit (for PDF/XPS)-H1 or PS Printer Kit-AV1

Table 6 – Supplies and Consumables

Supplies and Consumables	
Item	Item Number ²
Stamp Ink Cartridge-C1	1857B001AA
Stamp Unit-B1	1858B001AA
Staple-P1 ⁴⁴	1008B001AA
Staple Cartridge-Y1 (for Booklet Finisher-Y1) ⁴⁵	0148C001AA

² Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

Table 7 – Toner and Drum

Toner, Starter and Drum	
Item	Item Number ²
GPR-55 Drum Unit	0488C003BA
GPR-55 Toner Black	0481C003AB
GPR-55 Toner Cyan	0482C003AB
GPR-55 Toner Magenta	0483C003AB
GPR-55 Toner Yellow	0484C003AB
GPR-55L Toner Cyan	0485C003AB
GPR-55L Toner Magenta	0486C003AB
GPR-55L Toner Yellow	0487C003AB

² Item Numbers, eLAN Item Numbers and Part Numbers are subject to change without notice.

⁴⁴ Used for booklet finishing only. 3 cartridges per case. 2,000 staples per cartridge.

⁴⁵ Used for corner/double stapling only. 2 cartridges per case. 5,000 staples per cartridge.

D. Monthly Copy Volume

1. The Optimum Performance Range

The optimum performance range is the volume range that the equipment is intended to run on a regular basis to maintain a high-level of performance and print/copy quality.

Running the equipment within this range ensures that no undue stress is placed on components, and it allows time for the proper servicing and maintenance of the equipment.

2. Maximum Monthly Copy/Print Volume

The maximum monthly copy/print volume is the maximum number of pages the machine can produce within a one-month period (based on letter size paper). However, the device should not be used to produce the maximum number of pages, or a greater volume, on a consistent monthly basis.

Sustained use of the machine at this level, will significantly impact the long term performance and durability of the machine. You should expect an increase in the number of service calls and down time during periods of Maximum production use.

Table 8 – Monthly Copy Volume

Model	Optimum Performance Range (based on LTR sized paper)	Maximum Monthly Volume (based on LTR sized paper)
imageRUNNER ADVANCE C5560i III	Approximately 12,000 to 60,000	Up to 240,000
imageRUNNER ADVANCE C5550i III	Approximately 10,000 to 50,000	Up to 185,000
imageRUNNER ADVANCE C5540i III	Approximately 8,000 to 45,000	Up to 140,000
imageRUNNER ADVANCE C5535i III	Approximately 5,000 to 30,000	Up to 125,000

II. Hardware Accessory Options

Canon Branded paper feed, accessories and finishers for the imageRUNNER ADVANCE C5500 III Series.

Refer to the Appendix to see the specifications for the hardware accessory options.

A. Printer Cover-J1

- Printer Cover-J1 is installed in place of the Duplex Image Reader when this machine is used as a printer model
- This option requires removing the standard Single Pass Duplexing Automatic Document Feeder and Color Image Reader

B. Platen Cover Type W

- Platen Cover Type W is installed in place of the Duplex Image Reader
- This option requires removing the standard Single Pass Duplexing Automatic Document Feeder and Color Image Reader

C. High Capacity Cassette Feeding Unit-A1

- 1 paper drawer that holds up to 2,450 sheets (20 lb bond (80 g/m²))
- Supports LTR-sized paper only
- Supports paper weights up to 140 lb Index (256 g/m²).
- The optional Paper Deck Unit-F1 can be attached.

D. Cassette Feeding Unit-AM1

- 2 drawers that hold up to C550 sheets (20 lb bond (80 g/m²)) each
- Maximum paper size: 12" x 18"
- Supports paper weights up to 140 lb Index (256 g/m²).
- The optional Paper Deck Unit-F1 can be attached.

E. Paper Deck Unit-F1

- Provides an additional paper capacity of approximately 2,700 sheets (20 lb bond (80 g/m²))
- Supports LTR-sized paper only
- Supports paper weights up to 140 lb Index (256 g/m²).
- Requires the High Capacity Cassette Feeding Unit-A1 or Cassette Feeding Unit-AM1
- Cannot be installed with the Cabinet Type-N

F. Tab Feeding Attachment Kit-F1

- Enables printing on tab paper from Paper Drawer 2.

G. Copy Card Reader-F1

- Enables Department ID Management with the machine. End-users are required to authenticate themselves using a control card before starting an operation.
- Supports up to 1,000 departments or users.
- Requires the optional Copy Card Reader Attachment-B5.

H. Inner Finisher-H1

- Finisher provides stacking for up to 600 sheets (LTR @ 20 lb bond (80 g/m²)).
- Supports corner or double staple up to 50 sheets of paper (@ 20 lb bond (80 g/m²))
- Supports Staple-free stapling and Staple On Demand.
- Supports paper weights up to 110 lb cover (300 g/m²).
- Supports optional Inner 2/3 Hole Puncher-B1
- Supports optional Inner 2way Tray-J1

I. Copy Tray-J2

- Simple Tray for Basic output
- 100-sheet output capacity

J. Staple Finisher-Y1

- Finisher provides stacking for up to 3,250 sheets (LTR @ 20 lb bond (80 g/m²)).
- Supports corner or double staple up to 50 sheets of paper (@ 20 lb bond (80 g/m²))
- Supports Staple-free stapling and Staple On Demand.
- Supports paper weights up to 110 lb cover (300 g/m²).

K. Booklet Finisher-Y1

- Finisher provides stacking for up to 3,250 sheets (LTR @ 20 lb bond (80 g/m²)).
- Supports corner or double staple up to 50 sheets of paper (@ 20 lb bond (80 g/m²))
- Supports Staple-free stapling and Staple On Demand.
- Supports paper weights up to 110 lb cover (300 g/m²).
- Saddle Stitch Booklet finishing capability for up to 20-sheets (@ 20 lb bond (80 g/m²)) or 80 imaged sides
- Supports folding of up to 3 sheets

L. 2/3 Hole Puncher Unit-A1

- Inner puncher provides 2-hole and 3-hole punch capabilities
- Supports paper sizes up to 11" x 17"
- Supports paper weights up to 110 lb cover (300 g/m²).
- Requires the Staple Finisher-Y1 or the Booklet Finisher-Y1

M. Inner 2Way Tray-J1

- Inner 2Way Tray provides two trays with a capacity of up to 350-sheets

N. Inner 2/3 Hole Puncher-B1

- Inner puncher provides 2-hole and 3-hole punch capabilities
- Supports paper sizes up to 11" x 17"
- Supports paper weights up to 110 lb cover (300 g/m²).
- Requires the Inner Finisher-H1

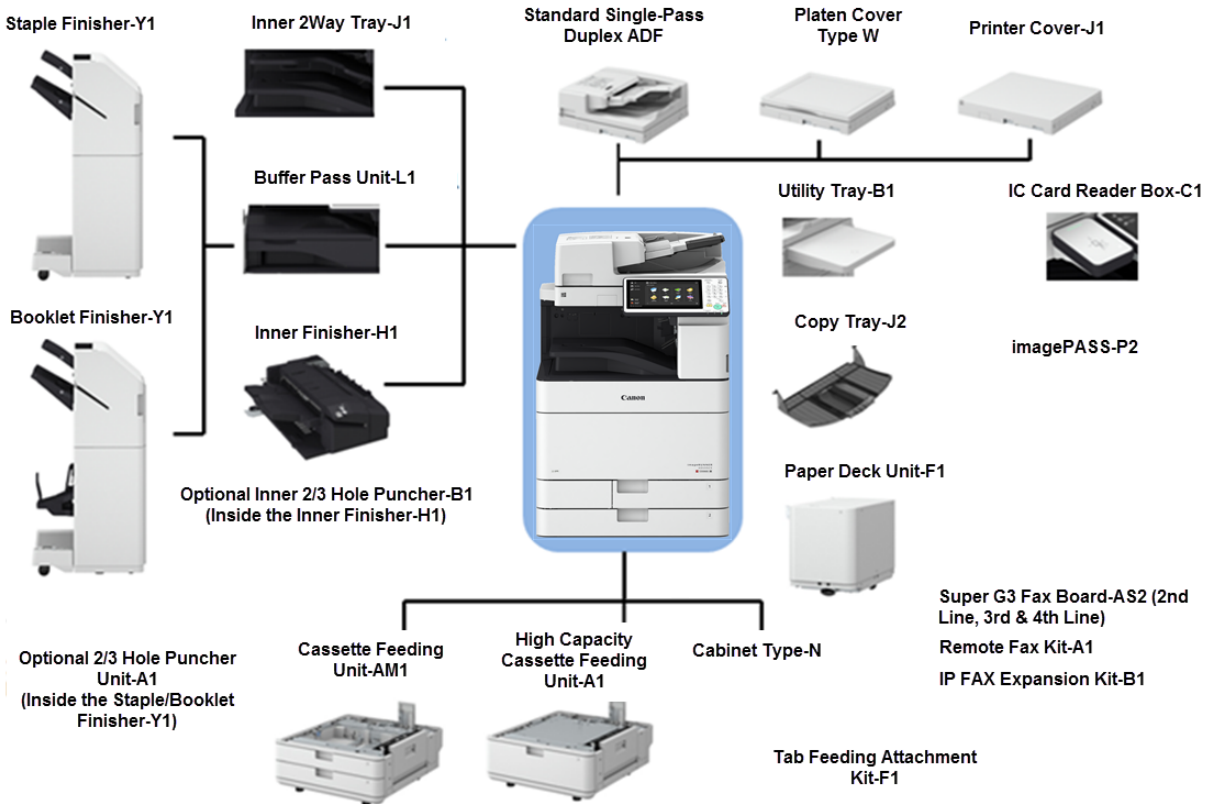
O. FL Cassette-BA1

- Optional Paper Drawer for the Main Engine
- Maximum paper size: LTR
- Installed only in Paper Drawer 1

P. FL Cassette-AZ1

- Optional Paper Drawer for the Main Engine and the Cassette Feeding Unit-AM1
- Maximum paper size: 11" x 17"
- Installed only in Paper Drawer 2, 3, or 4

Figure 1 – imageRUNNER ADVANCE C5500 III Series Hardware Configuration Chart



III. System Features and Options

The functionality of the imageRUNNER ADVANCE C5500 III Series can be expanded by installing the following system related optional accessories and software.

A. Copy and Print Options

1. imagePASS-P2

- An external piggyback print controller for the imageRUNNER ADVANCE C5500 III Series machines, and supports Adobe Genuine PostScript 3, PCL5e and PCL6.
- Suited for office environments in which larger print volumes are frequently processed, or for users who use Adobe PostScript or other PostScript applications.
- Optional software available for the imagePASS-P2 is Fiery Compose, Fiery Impose, and Fiery ImageViewer.
- The optional removable Hard Disk Drive kit and the integrated interface & Stand are available.

2. Barcode Printing Kit-D1

- Provides the ability to print 1D and 2D barcodes on output.
- Requires license activation via the LMS.

3. Secure Watermark-B1

- Enables the user to embed hidden text in the background of copies. The embedded text becomes visible when copies of the document are made on a copier.
- This standard feature requires license activation via the LMS.
- Cannot be used with the Document Scan Lock Kit-B2.

B. Universal Send and Fax Options

1. Universal Send Trace & Smooth PDF Kit-A1

- Enables the user to make Trace & Smooth PDF, and Adobe Reader Extensions PDF files.
- Requires license activation via the LMS.

2. Universal Send Security Feature Set-D1

- Enables the user to encrypt PDF and Digital Device Signature PDF/XPS files, as well as set a password to send them safely to a file server or e-mail address.
- Enables the recipient of a PDF or Digital Device Signature PDF/XPS file to verify which device scanned the file.
- This standard feature requires license activation via the LMS

3. Universal Send Digital User Signature Kit-C1

- Enables the user to add a digital user signature obtained from a certificate authority to a PDF or XPS file. This enables the recipient of a PDF or XPS file to verify which user signed it.
- Requires license activation via the LMS.

4. Super G3 FAX Board-AS2

- Provides a single line to send and receive fax documents.
- Documents that have been created in applications can also be sent directly from a computer via a network.

5. Super G3 2nd Line Fax Board-AS2

- Provides two lines to send and receive fax documents.
- Requires the Super G3 FAX Board-AS2.

6. Super G3 3rd/4th Line Fax Board-AS2

- Provides up to four lines to send and receive fax documents.
- Requires the Super G3 FAX Board-AS2, Super G3 2nd Line Fax Board-AS2.

7. Remote Fax Kit-A1

- The Remote Fax Kit-A1 enables an imageRUNNER ADVANCE device without a Fax board installed (the client device) to utilize the Super G3 Fax board installed in another imageRUNNER ADVANCE device (the fax server) to send and receive fax documents via the server.
- The client imageRUNNER ADVANCE device and the fax server imageRUNNER ADVANCE device must be on the same network.
- The Remote Fax Kit-A1 requires license activation via the LMS.
- The Remote Fax Kit and the Super G3 FAX Board cannot be installed together.

C. Accessibility Options

1. Voice Guidance Kit-B2

The Voice Guidance Kit provides visually impaired users to hear voice navigation instructions when operating the machine.

2. Voice Operation Kit-D1

The Voice Operation Kit provides visually impaired users to hear voice navigation instructions when operating the machine.

The Voice Operation Kit also includes a voice recognition function, which enables users to set the various functions of the machine using their voice.

3. ADF Access Handle-A1

The ADF Access Handle attaches to the Automatic Document Feeder to enable seated users to open the document feeder.

IV. Document Storage Capabilities

The imageRUNNER ADVANCE C5500 III Series machines offer methods to store and access scanned documents and files via built-in storage and external storage.

- Mail Box
- Network
- Memory Media
- Advanced Box Client

 **IMPORTANT**

- Canon U.S.A., Inc. (hereinafter referred to as (“Canon USA”) is not responsible for any damages caused to user data that is stored on the hard disk drive of the machine. It is the customer’s responsibility to create and maintain a data backup plan. Canon USA offers several security options to enhance document handling and storage security needs. See [Security Features and Options on Page 21](#).
- It is strongly recommended to back up data stored on the hard disk drive.

A. Mail Box

The Mail Box is a data storage area that provides the ability to store files temporarily for on-demand printing or reprint purposes.

The Mail Box function enables users to store files that are scanned with this machine, or data sent from a personal computer via the printer driver. The stored files can be printed (or reprinted) anytime using the desired user settings. When combined with the Send Function the file format of the scanned documents can be converted into another file format (PDF, JPEG, and TIFF), and sent via e-mail or fax or sent to a file server or another mailbox. Up to 100 files in the mailbox at a time can be selected to send. The files in Mailbox can be edited. Files can be incorporated into other files in the mailbox, duplicated, or have pages deleted. The Mailbox privacy allows password protection for each Mailbox or labeling the Mailbox for individual users. In addition, various editing features are available, such as merging separately stored files, duplication or deleting pages from a file.

B. Network

The imageRUNNER ADVANCE C5500 III Series machines are equipped with a collaboration function that enables them to be connected to other imageRUNNER ADVANCE machines via the SMB/WebDAV protocol. When one machine is connected to another machine, a user can select an Advanced Box in the other machine (if it is on the network) to store files or print a file that is stored in the other machine on this machine.

C. Memory Media

Scan to USB memory media support is standard on the imageRUNNER ADVANCE C5500 III Series machines. Users can attach a USB memory stick to the USB port to scan and store documents in the PDF, JPEG, TIFF, XPS or OOXML file format. Users can also print files stored in the memory media from an imageRUNNER ADVANCE C5500 III Series machine at any time with the desired print settings.

System Administrators can restrict scanning to and printing from memory media independently to safeguard sensitive and confidential information.

D. Advanced Box

Advanced Box is a storage area in the machine that stores scanned documents and Microsoft Office files that can be used on a computer. There are two types of storage in the Advanced Box: the Shared Space and the Personal Space. Multiple users can access shared space folders. (a team, group, or department members). A single user can access personal space folders. Up to 1,000 files/folders (main folder and subfolders) can be saved in each level.

Documents can be scanned with this machine, stored in the PDF, JPEG, TIFF (B&W), XPS and OOXML (.docx/.pptx) file format, and can also be printed on this machine at any time with the desired print settings. Starting with UFP 3.10, the user can search for files in the Advanced Box.

The Advanced Box can be opened to the public as an SMB (Server Message Block) server or WebDAV (Distributed Authoring and Versioning) server. This enables the end-user to access the Advanced Box from a computer, and store and share files in their native format, such as MS Word, Excel, and PowerPoint. To view and print these native format files from the Advanced Box, the user must access them via a computer.



IMPORTANT

It is strongly recommended to protect the Advanced Box folders from viruses. If the user's computer system has an antivirus system in place, add the Advanced Box folders to its list of folders to scan and protect.

V. Security Features and Options

The imageRUNNER ADVANCE C5500 III Series machines include a comprehensive set of security features, such as Device Authentication, Data Security, Document Security, and Network Security.

Options available for the imageRUNNER ADVANCE C5500 III with the imagePASS Server attached.

A. Authentication and Usage Management

1. Universal Login Manager

ULM (Universal Login Manager) is a MEAP application, developed by NT-ware, that provides log in management capabilities, such as simple user authentication, Local Authentication, and Domain Authentication for Canon imageRUNNER ADVANCE devices. These user authentication methods use Picture Log In, PIN Codes, or Proximity Card Log In methods to gain access to the machine. Although, ULM is a server-less authentication solution, it can also integrate with the Access Management System for advanced security. Furthermore, ULM can be upgraded to the full uniFLOW platform, which provides mobile printing, secure printing, advanced security, and scanning workflow capabilities, along with a fully-automated statistics and reporting suite.

Note: ULM is available as a download for the imageRUNNER ADVANCE from the [e-Support Center Website](#) or via the NT-Ware Website. To activate the ULM, the PC/Workstation used for activation must have access to the Internet.

2. Department ID Management

Register a Department ID and password for each department, and manage the machine by limiting its use to only those who enter the correct Department ID and password. Department IDs and passwords for up to 1,000 departments can be registered. Use Department ID Management to keep track of the copy, scan, and print totals for each department.

3. UA (Universal Authentication)

A user authentication system that enables the functions of the machine and MEAP applications to be used by a user after being authenticated once. UA has two compatible user authentication systems (Domain Authentication and Local Device Authentication). Domain Authentication is linked to a domain controller in a Windows Active Directory environment on a network. Local Device Authentication uses a database inside the machine to authenticate users. Administrators can use one of these two systems or both at the same time. The Access Management System is a subset of the UA system.

4. Card Reader Solutions

The imageRUNNER ADVANCE C5500 III Series supports card authentication solutions. These solutions can be combined with Department ID management and the UA login service.

5. Access Management System

The Access Management System (AMS) enables system administrators to restrict various Copy, Print, fax, Scan, Mail Box/Advanced Box, and Send functions that each user can use. Once the AMS is activated, a Function Level Log-In can be used to authenticate users for specific device features only. SSO-H and AMS must be activated to use Function Level Log-In.

6. uniFLOW Online

uniFLOW Online is a cloud-based secure printing and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the full printing and scanning process.

uniFLOW Online contains these features:

- Flexible authentication (for example, PIN Code or Card)
- Secure Printing
- Send Print Jobs from Anywhere (mobile printing)
- Simple document scanning (for example, Scan to My E-Mail, Google Drive, OCR PDF, and image enhancement)
- Track print, copy, scan, and fax costs
- Cloud-based infrastructure

A uniFLOW trial is available at no charge, and includes all the features of uniFLOW Online. At the conclusion of the trial, and if the full uniFLOW Online solution has not been purchased, the following features will no longer be accessible:

- Secure Printing
- Send Print Jobs from Anywhere (mobile printing)
- A part of Simple document scanning (for example, image enhancement)

Note: To purchase a license of uniFLOW Online, training is required. Training is required to obtain support for uniFLOW Online or the uniFLOW Online trial from Canon's Technical Support Center. For more information on uniFLOW Online training, go to the Training section on the [e-Support Center Website](#).



IMPORTANT

uniFLOW Online only supports TLS V1.2 and earlier.

7. uniFLOW Online Express

uniFLOW Online Express is a cloud-based authentication and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the printing and scanning process.

uniFLOW Online Express comes with the following features:

- Flexible authentication (for example, PIN Code or Card)
- Simple document scanning (for example, Scan to My E-Mail and Google Drive)
- Track print, copy, scan, and fax costs
- Cloud-based infrastructure



IMPORTANT

uniFLOW Online Express only supports TLS V1.2 and earlier.

Note: To install uniFLOW Online Express, training is not required. However, uniFLOW Online Express training is required to receive uniFLOW Online Express support from Canon's Technical Support Center. Dealers which have taken uniFLOW Online training are automatically certified for uniFLOW Online Express. For more information on uniFLOW Online and uniFLOW Online Express training, go to the Training section on the [e-Support Center Website](#).

B. Data Management and Security

The imageRUNNER ADVANCE C5500 III Series machines offer several ways to protect and secure data. It is strongly recommended that a backup and security system is in place, along with an antivirus protection system to make sure that no data on the hard disk drives are lost, stolen, or compromised.

There are several security methods available from Canon U.S.A., Inc. that appropriately addresses a customer's needs for securing data.

- Customer Accessible HDD Initialization Function (Initialize All Data/Settings)
- Optional Document Scan Lock Kit (Available in a future release)
- imageRUNNER ADVANCE Trusted Platform Module
- Data Encryption Kit
- Optional Security Kits (HDD Data Erase Kit and Mirroring Kit)
- Optional Removable Hard Disk Kit

CAUTION

Canon U.S.A., Inc. is not liable for any damages resulting from the loss or corruption of data. (See the [DISCLAIMER](#), on page [ii](#) for further details.)

1. Initialize All Data/Settings Function

The Initialize All Data/Settings function is a standard function on all Canon devices. This setting is available in the Management Mode, to which the system administrator must authenticate. Performing this function, erases all user information on the hard disk drive of the machine (e.g., contact information, Advance Box and Mail Box data, network settings, and image data). The initialize All Data/Settings feature is enhanced to support up to nine (9) times data erase. This process may take more than 30 minutes to complete.

IMPORTANT

The Initialize All Data/Settings deletes the FAT (File Allocation Table) and overwrites the target HDD data area with "0" (zeros) one time.

2. Document Scan Lock Kit-B2

- The Document Scan Lock Kit enables a user to embed an invisible code on the printed document to restrict unauthorized copying.
- The scan lock system is tamper resistant. If someone tries to copy the document, the Document Scan Lock system checks to see if the person has the proper permissions to reproduce it. A password may be required to enable the reproduction of the document.
- Tracking information enables users to embed hidden user information on copies that can track who made the copy/print, when and with which device.
- Enforces the policies written to track information embedded in the document to prevent users from performing restricted tasks, such as copying, sending, scanning, or storing specific documents (Scan Lock function), and identifies the user that output the document (Tracking function).
- Requires license activation via the LMS.
- Cannot be used with the optional Secure Watermark-B1 and the Job Hold function.

3. TPM (Trusted Platform Module)

TPM is a standard security chip (tamper resistant hardware) installed in the imageRUNNER ADVANCE C5500 III Series machines. The TPM provides a facility for the secure generation of cryptographic keys, encrypts information stored on the internal HDD, and decrypts information read from the internal HDD. The public keys to encrypt confidential information are securely controlled by the TPM chip, and they can only be decrypted if the TPM releases the associated decryption key. If the HDD is removed from the machine, it will be difficult to retrieve data off that HDD since the encryption key for that data is stored in a separate location within the TPM.

CAUTION

Once the TPM setting is activated, if the end user fails to back up the TPM key, or if the end user loses the TPM key, it may result in permanent, unrecoverable data loss, for which Canon U.S.A., Inc. is not liable. (See the [DISCLAIMER](#), on page [ii](#) for further details.)

**IMPORTANT**

- If the TPM setting is activated and the TPM chip fails, the confidential information stored on the chip can only be recovered if Canon's service representative replaces the TPM chip and restores the original TPM key to the new chip. Immediately, back up the TPM key on a USB memory stick, after the TPM setting is activated.
- Only the Administrator of the machine can back up the TPM key.
- For security reasons, the TPM key can only be backed up once. Store the USB memory with the backup data in a safe place.
- For the backup of the TPM key, it is recommended that a USB memory stick (supported system file: FAT32) with free space of 10 MB or more is used.
- The TPM seals the hardware components associated with the data, and the data cannot be accessed unless the specific TPM key is issued by the TPM chip. Therefore, setting the TPM mode to 'On', may affect service procedures and service costs (if not handled properly). It is strongly recommended that the Administrator who has access to the TPM key be present for all service calls to prevent the loss of data and productivity of the machine.

4. HDD Data Erase

The HDD Data Erase feature is available as standard for the imageRUNNER ADVANCE Series for environments requiring additional data security measures. This feature will automatically overwrite and erase image data immediately after the job is completed; therefore, no trace of the data remains on the hard disk. It will perform an overwrite of up to three (3) times with random data for maximum-security protection depending on preferences set by the system administrator.

5. HDD Data Erase Scheduler

HDD Data Erase scheduler is an optional MEAP application available for supported imageRUNNER ADVANCE models that aids in safeguarding information and supporting security compliance. The solution enables system administrators to schedule HDD overwrite on Canon devices at a set time (daily, weekly and monthly) or Overwrite HDD data on-demand. System administrators receive a printed confirmation report upon execution of scheduled or on-demand overwriting.

6. HDD Data Encryption Kit

The HDD Data Encryption Kit is a standard feature for the imageRUNNER ADVANCE Series designed to protect all temporary data and stored documents on the internal disk drive through industry-standard encryption algorithms. The HDD Data Encryption Kit encrypts all image data and device settings before storing them on the hard drive

7. HDD Data Mirroring Kit-J1

The HDD Data Mirroring Kit backs up the data on the hard disk drive to the optional HDD. (The engine HDD and the HDD used for mirroring must be of the same storage capacity).

The optional 2.5 inch/250 GB HDD-N1 or 2.5 inch/1 TB HDD-P1 is required for mirroring.

8. Removable Hard Disk Kit-AL1

The optional Removable Hard Disk Drive Kit provides the capability to remove the hard disk drive from the machine so it may be placed in a secure location. The hard disk drive can easily be removed for secure storage on a frequent basis, and can easily be reinstalled for normal machine use. This option provides another layer of data security for government agencies and corporate enterprises that need to ensure that data stored on the hard disk is physically secure when the machine is not in use.



IMPORTANT

- A lock is not included with the "Removable HDD Kit." Purchase a lock that is commercially available for security.
- Customers with concerns about data security may want to consider having a Removable Hard Disk Kit-AL1 available that only contains the machine system software. The technician would utilize this HDD during maintenance visits

C. Document Security

The imageRUNNER ADVANCE C5500 III Series machines offer several document security modes to protect printed and distributed documents.

1. Adobe LiveCycle Rights Management ES Server Integration

Adobe LiveCycle enables System Administrators to set automatic document privileges and apply security policies by creating Policy Protected PDF files on the machine, even after document creation, using the Adobe LiveCycle Rights Management ES Server. Once a Policy Protected PDF document is created on the machine with this feature enabled, the PDF extension in Adobe Reader, upon attempt by a user to open a protected PDF, contacts the Rights Management Server to check the latest authorized users, expiration, auditing, and watermarking policies set by the System Administrator. These latest policies are then enforced by that application to ensure the information in that document remains secure.



IMPORTANT

- To generate a PDF linked with Adobe LiveCycle Rights Management ES Server, the Adobe LiveCycle Rights Management ES Server must be licensed, pre-configured by a System Administrator, and the machine must be connected to the Intranet or Internet.
- Encrypted PDF and PDF/A-1b documents are not compatible with Adobe LiveCycle Rights Management ES Server.

2. PDF/XPS Visible Digital Signature

The PDF/XPS Visible Signatures mode enables the user to view the device signature and user signature on PDF/XPS files. Visible digital signatures and user signatures are displayed on the first page of the PDF/XPS file to account for the origin of the document. The system administrator of the machine can set the Visible Signatures mode for all PDF/XPS documents or certain PDF/XPS documents created on the machine. This mode differentiates from the Digital Signature mode in that instead of having to access digital signature information from the document properties from the File menu, this information is displayed prominently on the first page of the document in the background, and is printed along with the document data, thereby deterring improper distribution of sensitive documents.

3. Encrypted Secure Print Software-D1

- Enables the user to encrypt print data sent from a computer by using the Secured Print function, and then decrypt it at the device.
- This standard feature requires license activation via the LMS.

4. iR-ADV Security Kit-AE1 for IEEE 2600 Common Criteria Certification

The optional imageRUNNER ADVANCE Security Kit-P1 ⁴⁶ certifies that the imageRUNNER ADVANCE C5500 III Series complies with IEEE standard 2600⁴⁷. IEEE 2600 is a standard to protect hardcopy devices in a commercial information-processing environment where a moderate level of document security, network security, and security assurance are required. The iR ADV Security Kit-AE1 enables an administrator to configure security settings that are required to comply with the IEEE 2600 standard.

Notes:

- This feature is not available at the time of initial product launch.
- The iR ADV Security Kit-AE1 includes the IEEE 2600 License Certificate, Bootable CD with certified system software, IEEE 2600 User Manual CD, Installation Manual and Mirroring Kit. The HDD Data Encryption Kit and the Data Erase Kit are available as standard.
- Cannot be configured with MEAP Web Connection Kit G3, Remote Fax Kit-A1, imagePASS-P2, IP FAX Expansion Kit-B1, Copy Card Reader-F1, NFC KIT-C1, Connection Kit-A1 for Bluetooth LE or some imageWARE options.



IMPORTANT

- The imageRUNNER ADVANCE Security Kit-AE1 for IEEE 2600 Common Criteria Certification ships device firmware that complies with IEEE 2600.1 certification when installed to the imageRUNNER ADVANCE C5500 III Series machines.
- Once the imageRUNNER ADVANCE Security Kit-AE1 for IEEE 2600 Common Criteria Certification is installed, imageRUNNER ADVANCE C5500 III Series machines can only be upgraded with firmware versions certified for the IEEE standard 2600. Upgrading to non-certified firmware invalidates the IEEE standard 2600 certification, although the machine will continue to operate properly.

⁴⁶ Not available at the time of the imageRUNNER ADVANCE C5500 Series product launch

⁴⁷ A protection profile of the evaluation assurance level "EAL3+ALC_FLR.2"

D. Network Security

The imageRUNNER ADVANCE C5500 III Series machines secure network communications by using IP Address and MAC (Media Access Control) Address filters, encryption and authentication, and network port and application access control.

1. IPSec

IPSec (IP security) software is supported as a standard feature on the imageRUNNER ADVANCE C5500 III Series to ensure information privacy and security for Internet Protocol (IP) communications over the network. It encrypts all inbound and outbound network traffic to protect against malicious attacks such as eavesdropping, alternation, and impersonation.

2. Filtering by Port Number

Using the Address Filter system administrators can grant or deny access to the imageRUNNER ADVANCE C5500 III Series for specific groups or users via Port numbers (MAC Addresses). Port Number filtering permits or rejects incoming packets from IP addresses or ranges of IP addresses. In addition, IP address filters to outbound connections can be applied. For example, if functions, such as Remote Copy and Universal Send are used, system administrators can block or restrict users from sending files to specific IP addresses. This minimizes the risk of data being sent out of the company to systems that are not trusted.

3. IPv6

The imageRUNNER ADVANCE C5500 III Series supports Internet Protocol Version 6 (IPv6), which is a network layer protocol designated as the successor to IPv4 for general use on the Internet. Support for IPv6 adds extended business value to the imageRUNNER ADVANCE C5500 III Series.

4. Wired / Wireless Security and Authentication

The imageRUNNER ADVANCE C5500 III Series machines, support IEEE 802.1X, which provides port-based authentication and security for wired connections. With Unified Firmware Platform 3.5 and above, IEEE 802.1X is also available for wireless connections.

E. Device Security

1. Security Policy Settings

The security policy function is used to collectively configure the security-related settings into one security policy. The security policy settings are managed by a system administrator who serves as a security administrator. The system administrator who serves as a security administrator accesses the security policy function is only available via the Remote User Interface.

The security policy setting function can be protected with a security policy password to distinguish between system administrators and system administrators who serve as security administrators.

A Security Administrator can reflect policy settings that comply with the security policies of his/her company in the devices under his/her charge to restrict people, other than the security administrator, from using functions that do not comply with the policies, or from changing the security policy setting values.

The information configured in the security policy can be exported or imported by using the Device Configuration Management function or the imageWARE Enterprise Management Console Device Configuration Management Plug-In, and can be copied to multiple devices.

Refer to the imageRUNNER ADVANCE C5500 III Series Service Manual for more details

2. Restrict Service Representation Access Function

The Restrict Service Representation Access Function is available for the system administrator to prevent leakage and loss of user information by restricting operations related to user information and security due to unauthorized use of service mode. This setting can be enabled from the Local User Interface or Remote User Interface.

There are three settings available:

- 'Off' - All the items in service mode can be executed. (default setting)
- 'Off (Auth. Needed)' – The settings related to user assets in service mode can be configured/executed by performing system administrator authentication before accessing the service mode.
- 'On' - The settings related to user assets in service mode can no longer be configured/executed. The Restrict Service Representative Access setting will need to be changed for access to settings related to user assets in service mode.

Refer to the imageRUNNER ADVANCE C5500 III Series Service Manual for more details and a list of service mode restrictions.

 **IMPORTANT**

In the event that the system administrator password becomes unavailable, the password can be cleared by the service technician using service mode if the Restrict Service Representation Access Function is set to 'Off'.

If the Restrict Service Representation Access function is set to 'On' or 'Off (Auth. Needed)', then a license key is required to initialize the device administrator password. The service technician will need to contact the Technical Support Center to request a license key to initialize the device administrator password (the device serial number is required). Once entered, the license key will clear the administrator password from the device. A new administrator password will need to be set.

3. Verify System at Startup

imageRUNNER ADVANCE 3rd Edition machines now support Verify System at Startup. Verify System at Startup uses RoT (Root of Trust) functions to protect the device from unauthorized modification of the BIOS, firmware, and applications. Verify System at Startup stops the unverified processes and produces an error code for system servicing.

Note: Verify System at Startup is disabled by default and, when activated, may increase device warm-up time by 20 to 40 seconds, depending on the model.

4. SIEM (Security Information and Event Management) Integration

Enables the device to automatically send audit logs to SIEM systems for analysis and detection of security violations. Examples of the audit logs sent via the Syslog protocol (RFC5424 and RFC5426) include those for user authentication, mailbox operation, network authentication, and print jobs. Sending audit logs via TLS encryption (RFC5425) is also supported.

5. McAfee Embedded Control

Protects the machine's firmware, programs, and operating system from potential threats and malware. All firmware and applications are checked against a whitelist that enables only trusted firmware and applications to launch. This helps to prevent malware, and mitigates zero-day attacks.

 **NOTE**

This function is set to 'Off' by default, and must be set to 'On' within the device settings. In addition, Verify System at Startup must be set to 'On' within the device settings.

VI. Software Solutions

The optional software applications available for purchase to enhance the end-user experience and interaction with imageRUNNER ADVANCE C5500 III devices.

A. Document Management and Binding

1. imageRUNNER ADVANCE Desktop

A client-based device dashboard application to operate document publishing, management, and printing from an end-user's PC. In addition, this desktop application can be used with Canon's imageWARE Document Server application in cases where customers want to share documents that are managed across workgroups or departments.

2. imageRUNNER ADVANCE Quick Printing Tool

The imageRUNNER ADVANCE Quick Printing Tool is a standard feature within imageRUNNER ADVANCE Desktop. The Quick Printing Tool enables the end-user to print, fax, convert documents to PDF files, or open PDF documents in Desktop Binder via a drag-and-drop action without needing to open imageRUNNER ADVANCE Desktop. The user can also monitor the status of inbound and outbound print and fax jobs, as well as apply print templates automatically, or preview documents before printing via the Desktop Binder option.

3. imageWARE Scan Manager DS

imageWARE Scan Manager DS is a document capture solution that features transaction document archiving capabilities, work distribution capabilities that can be personalized according to the scan volume and skill level of each user, and one-step capture, processing, and release operations.

4. eCopy PDF Pro Office

ePPO (eCopy PDF Pro Office) is a network to desktop office scanning solution that enables end-users to create and share PDFs, edit PDF files, and convert PDF files into searchable, editable, and fully-formatted Microsoft Office or Corel WordPerfect files. ePPO also enables the user to tag PDF files for accessibility and Section 508 compliance.

B. Scan Management Software

1. Workflow Composer and Connectors

Workflow Composer enables the user to simplify imageRUNNER ADVANCE workflow processes by customizing multiple-step workflow functions into one-button operations. The one-button operations are available from the Quick Menu of the UI (User Interface). MEAP connectors for SMB (Server Message Block) and FTP (File Transfer Protocol) file delivery, inclusive of document indexing, come standard on the new imageRUNNER ADVANCE models, while connectors for imageWARE Document Server and SharePoint Server 2007 are available as options.

2. Authorized Send

Authorized Send is a MEAP application, which enables walk-up users to distribute documents quickly and securely. Authorized Send is an adaptable solution that integrates and authenticates with a wide variety of authentication servers and enterprise systems using common protocols. Authorized Send permits only authorized users to scan and send documents to e-mail addresses, network file servers/folders, and fax servers. An end-user is able to specify scan settings, such as the paper size, resolution, brightness, and file format.

3. eCopy ShareScan

eCopy ShareScan is an enterprise-ready, office scanning software solution that enables imageRUNNER ADVANCE devices to turn paper documents into digital data that can be edited, managed, and stored electronically.

4. uniFLOW (Scanning)

uniFLOW enables users to capture and compress scanned data, customize workflows for each document type or per user, and archive documents.

5. uniFLOW Online

uniFLOW Online is a cloud-based secure printing and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the full printing and scanning process.

Refer to the [Authentication and Usage Management](#) Section on page 21 for details.

6. uniFLOW Online Express

uniFLOW Online Express is a cloud-based authentication and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the printing and scanning process.

Refer to the [Authentication and Usage Management](#) Section on page 21 for details.



IMPORTANT

uniFLOW Online and uniFLOW Online Express only support TLS V1.2 and earlier.

7. ADVANCE Cloud Portal

ADVANCE Cloud Portal is a MEAP Web application that scans to and prints from a cloud storage account. Supported services are Google Drive, box, Dropbox, and Evernote.

ADVANCE Cloud Portal is designed to perform the following functions:

- Scan hard-copy documents in the PDF format and upload them to the cloud storage account
- Print PDF documents and documents in the Google Docs format stored on Google Drive

To scan and print from a cloud storage account, users need to log on to an existing cloud service from the touch panel display of the imageRUNNER ADVANCE machine (a PC or laptop is not required).

C. Print/Output Management Software

1. Direct Print & Scan for Mobile

Direct Print & Scan for Mobile is a combination of a MEAP application that runs on an imageRUNNER ADVANCE device and a client mobile application that runs on certain BlackBerry smartphones, Android, and Apple iPhone and iPad devices.

The Direct Print & Scan for Mobile application enables users to connect mobile devices to an imageRUNNER ADVANCE machine to print documents, e-mail messages, attachments, and images, as well as load scanned data from the imageRUNNER ADVANCE machine to their mobile device.

2. uniFLOW

uniFLOW is a print/output management solution that can be customized to meet the needs of an organization. uniFLOW offers an organization of any size, a way to track printing and copying costs, secure sensitive documents, and enable users to print from any available printer on the network.

3. uniFLOW Online

uniFLOW Online is a cloud-based secure printing and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the full printing and scanning process.

Refer to the [Authentication and Usage Management](#) Section on page 21 for details.

4. uniFLOW Online Express

uniFLOW Online Express is a cloud-based authentication and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the printing and scanning process.

Refer to the [Authentication and Usage Management](#) Section on page 21 for details.



IMPORTANT

uniFLOW Online and uniFLOW Online Express only support TLS V1.2 and earlier.

5. AA-PRINT (Advanced Anywhere Print)

The AA-PRINT solution combines Universal Login Manager with secure anywhere printing. It is designed to provide a serverless print environment that enables end-users to print and track usage from anywhere within the network to any connected device by submitting their respective authentication credentials.

6. EFI PrintMe

EFI PrintMe is a cloud-based mobile print solution for the imageRUNNER ADVANCE Series that enables end-users to print electronic files from their mobile devices, such as smartphones, tablets, and laptops to a Canon imageRUNNER ADVANCE device through the EFI PrintMe Cloud Service. Files uploaded to the EFI PrintMe Cloud Server are secured with 128-bit encryption. Walk-up end-users can print documents from the EFI PrintMe Cloud Service to a registered imageRUNNER ADVANCE device that is connected to the Internet.

D. Device Security and Management Software

1. AA-PROX (Advanced Authentication – Proximity Card)

The AA-PROX solution is a login platform that authenticates walk-up end-users to the machine via a registered proximity card or by entering a user name and password. AA-PROX authenticates users against an Active Directory or local user database on devices, and can be combined with the AMS (Access Management System) and imageWARE ADVANCE Tracker to track usage and enforce access control to system functions.

2. uniFLOW Device Security & Management

uniFLOW, the print/output management solution, includes multiple authentication methods to enable an organization to restrict machine access and functions on a per user basis. uniFLOW end-users must authenticate themselves either by entering their user name and password, or by using a smart card, proximity or magnetic card.

3. uniFLOW Serverless Secure Print

uniFLOW Serverless Secure Print is a secure printing and follow-me printing option that utilizes the end-user's client PC to store secure print jobs until the end-user can authenticate and release the secure print jobs at an imageRUNNER ADVANCE device. The imageRUNNER ADVANCE device then pulls the print job from the end-user's client PC. uniFLOW Serverless Secure Print is scalable and upgradeable to the full version of uniFLOW.

4. uniFLOW Online

uniFLOW Online is a cloud-based secure printing and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the full printing and scanning process.

Refer to the [Authentication and Usage Management](#) Section on page 21 for details.

5. uniFLOW Online Express

uniFLOW Online Express is a cloud-based authentication and cost tracking solution. It is used to help businesses manage their print environment without having to invest in a print server infrastructure, and enables them to keep control of the printing and scanning process.

Refer to the [Authentication and Usage Management](#) Section on page 21 for details.



IMPORTANT

uniFLOW Online and uniFLOW Online Express only support TLS V1.2 and earlier.

6. imageWARE Enterprise Management Console and Plug-ins

iW EMC (imageWARE Enterprise Management Console) is a Web-based network device management utility that enables IT managers to control and manage all devices installed on the network from one central location. IT managers can discover devices, view device status, manage device settings, and notify users of device errors via e-mail.

The capabilities of imageWARE Enterprise Management Console can be expanded by using optional plug-in applications. The optional plug-ins are available for IT managers and dealers through <http://www.imageware.com>, or to the dealer only through Canon U.S.A.'s [e-Support Center Website](#).

7. imageWARE Secure Audit Manager Express

imageWARE Secure Audit Manager Express captures and archives the contents and attributes of all jobs performed on the device. This enables System Administrators to continuously track and archive network activities.

8. MEAP Web Connection Kit

MEAP Web enables development partners to create customized applications, which connect imageRUNNER ADVANCE machines to business applications and business process workflows by communicating through standard Web services and HTML protocols.

9. MDS Cloud

The Canon MDS (Managed Document Services) Cloud is a PAAS (Platform as a Service) solution. It consists of an MDS Collection and Configuration Agent, which is installed at the customer's site, to discover devices and gather information from a customer's complete fleet of devices, such as meter reads, manage job logs, remotely configure devices, third party device support, and manage consumables.

E. Business Workflow Software**1. Forms and Print Services for Salesforce**

Forms and Print Services for Salesforce is a cloud service that enables users to print and store reports and graphic sales data directly to their imageRUNNER ADVANCE machine without the need for print drivers.

2. Enterprise Imaging Platform

Enterprise Imaging Platform enables users to automate document and image related business processes.

VII. Dealer Sales/Service Authorization

To become authorized to sell, service and maintain the imageRUNNER ADVANCE C5500 III Series a dealership must have at least one (1) technician who has successfully completed at least one (1) of the learning paths below:

- For technicians certified on the imageRUNNER ADVANCE C5000/C5200 Series Hardware, complete the imageRUNNER ADVANCE C5500 Series Hardware Update Online Course
- For technicians not already certified on the imageRUNNER ADVANCE C5000/C5200 Series Hardware, complete the imageRUNNER ADVANCE C5000/C5200/C5500 Series Classroom Course.

VIII. Educational Training

The blended training program is offered to leverage online training to maximize hands-on time with the machines in the classroom.

The formats are as follows:

- Online Training – students must complete online material before attending an Instructor-led session
- Instructor-led Training (ILT) – available at each of our Canon Regional Training Facilities

A. imageRUNNER ADVANCE C5500 III Training

The learning path for the imageRUNNER ADVANCE C5500 III Series Devices has been designed to build the knowledge and skills of your support professionals that will affect your customers in the most positive manner, both in the support of the product and the solutions you offer.

1. Learning Path for New Service Technicians

This training path is a comprehensive blended learning program, which will prepare the new service technician to setup and service the imageRUNNER ADVANCE C5500 III Series devices.

Table 9 – imageRUNNER ADVANCE C5500 III Series New Technician Training

Course Name ⁴⁸	Course Code ⁴⁸
Applied Technology (Canon Foundations) Online Training	19TCFAT00O
Applied Technology (Canon Foundations) Classroom	19TCFAT01C
Systems Technology Online Training	19TSYST00O
Systems Technology Virtual Classroom	19TSYST01V
imageRUNNER ADVANCE Systems Online Training	19IRTADVSYS00O
imageRUNNER ADVANCE Systems Classroom	19IRTADVSYS01C
Universal Login Manager (for imageRUNNER ADVANCE)	18SOFULM00O
imageRUNNER ADVANCE C5000/C5200/C5500 Series Online Training	19IRTADVC52500O
imageRUNNER ADVANCE C5000/C5200/C5500 Series Classroom (3-day ILT Course)	19IRTADVC52501C
imageRUNNER ADVANCE C5500 Update Online Training	19IRTADVC55U00O

⁴⁸ Course Names and Course Codes are subject to change without notice.

2. Learning Path for Technicians with imageRUNNER ADVANCE C5000/C5200 Series Certification

This training path is an online Hardware Update Course that will prepare technicians currently trained on the imageRUNNER ADVANCE C5000/C5200/C5500 Series to setup and service the imageRUNNER ADVANCE C5500 III Series devices.

Table 10 – imageRUNNER ADVANCE C5500 III Training for Technicians with imageRUNNER ADVANCE C5000/C5200 Series Certification

Course Name ⁴⁸	Course Code ⁴⁸
imageRUNNER ADVANCE C5500 Series Update Online Training	19IRTADVC55U000

⁴⁸ Course Names and Course Codes are subject to change without notice.

3. Recommended Training for Technicians with imageRUNNER ADVANCE C5500 / C5500 II Certification

This is an optional online Update Course that will prepare technicians currently trained on the imageRUNNER ADVANCE C5500 / C5500 II Series to setup and service the imageRUNNER ADVANCE C5500 III Series devices.

Table 11 – imageRUNNER ADVANCE C5500 III Update Training

Course Name ⁴⁸	Course Code ⁴⁸
imageRUNNER ADVANCE C5500 III Series Update Online Training	19IRTADVC55IIIUP000

⁴⁸ Course Names and Course Codes are subject to change without notice.

B. Certification

- imageRUNNER ADVANCE C5560i III / C5550i III / C5540i III / C5535i III
- imageRUNNER ADVANCE C5560i II / C5550i II / C5540i II / C5535i II
- imageRUNNER ADVANCE C5560i / C5550i / C5540i / C5535i

The successful completion of the imageRUNNER ADVANCE C5000/C5200/C5500 Blended Training programs and passing of the final assessment exam are required to sell this product.

Note: technicians with a previous certification on the imageRUNNER ADVANCE C5500 / C5500 II Series are automatically certified on the imageRUNNER ADVANCE C5500 III Series.

C. Who Should Attend

It is required that any technician responsible for installing, servicing, or supporting the imageRUNNER ADVANCE C5500 III machines successfully complete the blended training course and pass the final assessment exam.

Note: Our current support policy dictates that only those technicians who have completed the training program and pass the final assessment exam are entitled to live, phone-based support through our TSC (Technical Support Center). However, self-service support (software downloads, knowledgebase articles, support forums, technical publications) is available through our [e-Support Center Website](#) for all technicians. (Refer to the Technical Support section on the e-Support Center Website for entitlement details.)

D. uniFLOW Online and uniFLOW Online Express Training Courses

1. uniFLOW Online

The uniFLOW Online eLearning course will prepare technicians with the knowledge required for setting up and configuring uniFLOW Online in the field.

Notes:

- Service technicians who completed the uniFLOW Online training are entitled to live, phone-based support through the Canon USA TSC.
- uniFLOW Online training provides certification for uniFLOW Online and uniFLOW Online Express.

2. uniFLOW Online Express

The uniFLOW Online Express eLearning course will prepare technicians with the knowledge required for setting up and configuring uniFLOW Online Express in the field.

Notes:

- Service technicians who completed the uniFLOW Online or uniFLOW Online Express Training are entitled to live, phone-based support through the Canon USA TSC.
- uniFLOW Online Express training does not provide certification for uniFLOW Online.

Table 12 – uniFLOW Online and uniFLOW Online Express Training

Course Name ⁴⁸	Course Code ⁴⁸
uniFLOW Online Training	18SOFUFONL000
uniFLOW Online Express Training	18SOFUFONEX000

⁴⁸ Course Names and Course Codes are subject to change without notice.

E. Data Backup Service Training Course

The Data Backup Service eLearning course will prepare technicians with the knowledge required for setting up and configuring Data Backup Service in the field. Training is required to allow the servicing dealer to enroll in Data Backup Service. Service technicians who complete the Data Backup Service training are entitled to live, phone-based support through the Canon USA TSC.

Table 13 – Data Backup Service Training

Course Name ⁴⁸	Course Code ⁴⁸
Data Backup Service Training	18SOFDBS000

⁴⁸ Course Names and Course Codes are subject to change without notice.

F. Training Facilities

1. Online Courses

The online courses are located in the e-Learning center on the Canon USA [e-Support Center Website](#). Certification maps on the e-Support Center Website provide easy access to the training. The online courses can be conducted at any dealer facility that is suitable for online student learning.

2. Classroom Training Facilities

Classroom training is available in each of the five Canon Regional Training Centers:

- Jamesburg, New Jersey
- Norcross, Georgia
- Irving, Texas
- Itasca, Illinois
- Irvine, California

G. Course Equipment

- Windows workstation (Vista, XP, 2007, or higher)
- Microsoft Internet Explorer v7.0 or higher
- Applicable accessories (hardware and software)

H. Service Materials

The materials required for the imageRUNNER ADVANCE C5500 III Series Training Program are listed in the table below.

Table 14 – Service Materials

Model	Item	Location
imageRUNNER ADVANCE C5500 III Series	e-Learning Training Program	Conducted online
	Service Manual	Downloadable from within the e-Learning course and the e-Support Center Website
	Parts Catalog	
	User Guides	

IX. Servicing Notes


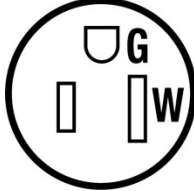
A. Power and Plug Requirements

Canon USA Inc. strongly suggests dedicated and properly grounded outlets be provided for these imageRUNNER ADVANCE devices.

The imageRUNNER ADVANCE C5500 III Main Unit requires a dedicated single phase 120V/20A NEMA 5-20R receptacle for proper operation

- The imageRUNNER ADVANCE C5560i III / C5550i III Main Unit requires a dedicated single-phase 120V/20A NEMA 5-20R receptacle for proper operation.
- The imageRUNNER ADVANCE C5540i III / C5535i III Main Unit requires a dedicated single-phase 120V/15A NEMA 5-15R receptacle for proper operation.

Table 15 – Power Receptacle

imageRUNNER ADVANCE C5560i III / C5550i III Main Unit	imageRUNNER ADVANCE C5540i III / C5535i III Main Unit
 <p data-bbox="483 1073 732 1100">NEMA 5-20 Receptacle</p>	 <p data-bbox="1031 1073 1279 1100">NEMA 5-15 Receptacle</p>



IMPORTANT

- We recommend an additional standard 120 V/15 A NEMA 5-15 outlet for service tools, such as a laptop computer or vacuum that may be used when servicing or configuring the machine.
- Use only dedicated and properly grounded outlets for the main unit and imagePASS Controllers. It is also strongly suggested to use dedicated and properly grounded outlets for each optional accessory. Do not use extension cords. The ground connection serves to provide the internal electronics with a reference voltage. Faulty or poor ground sources will cause this reference voltage to fall into a range that no longer serves as a reliable reference voltage. The internal logic and programming of the imageRUNNER ADVANCE machines will not perform reliably if there is an insufficient difference between the internal operating signal voltages and the poor ground reference signal. A qualified electrician can measure and provide the ground source that the imageRUNNER ADVANCE machines or any computer controlled office equipment requires.
- Before installation, confirm that all necessary receptacles are available.
- Phase converters and step down transformers are not supported

Table 16 – Power and Plug Requirements for Main Unit and Accessories

Description	Power Supply	Power Supply Specifications
imageRUNNER ADVANCE C5560i III / C5550i III	120V / 20A outlet	NEMA 5-20
imageRUNNER ADVANCE C5540i III / C5535i III	120V / 15A outlet	NEMA 5-15
Cassette Feeding Unit-AM1	From the Main Unit	N/A
High Capacity Cassette Feeding Unit-A1	From the Main Unit	N/A
Paper Deck Unit-F1	From the Main Unit	N/A
Inner Finisher-H1	From the Main Unit	N/A
Staple Finisher-Y1	From the Main Unit	N/A
Booklet Finisher-Y1	From the Main Unit	N/A
2/3-Hole Puncher Unit-A1	From the Main Unit	N/A
Inner 2/3-Hole Puncher-B1	From the Main Unit	N/A
Inner 2 Way Tray-J1	From the Main Unit	N/A

B. Installation Dimensions & Weight

The imageRUNNER ADVANCE C5500 III Series approximate weight and dimensions differ depending on its configuration with the optional accessories. The dimensions are for reference only and should not be confused with the required space for installation.

Table 17 – Dimensions

Unit	Height		Width		Depth	
Main Unit	37 3/8"	950 mm	24 3/8"	620 mm	29 1/4"	742 mm
Cassette Feeding Unit-AM1	9 7/8"	251 mm	24 3/8"	620 mm	27 5/8"	700 mm
High Capacity Cassette Feeding Unit-A1	9 7/8"	251 mm	24 3/8"	620 mm	27 5/8"	700 mm
Paper Deck Unit-F1	17 3/8"	440 mm	13 1/2"	344 mm	24 7/8"	630 mm
Inner Finisher-H1 ⁴⁹	8 7/8"	225 mm	18 3/8"	466 mm	20 5/8"	525 mm
Staple Finisher-Y1 ⁴⁹	45"	1,142 mm	25 1/8"	637 mm	24 1/2"	623 mm
Booklet Finisher-Y1 ⁴⁹	45"	1,142 mm	25 1/8"	637 mm	24 1/2"	623 mm
Buffer Pass Unit-L1	7 1/4"	184 mm	19 1/4"	489 mm	19 3/8"	493 mm
2/3-Hole Puncher Unit-A1	Inside of the Staple Finisher-Y1 / Booklet Finisher-Y1					
Inner 2/3-Hole Puncher-B1	Inside of the Inner Finisher-H1					
Inner 2 Way Tray-J1	3"	76 mm	16 3/4"	427 mm	16 1/16"	407 mm
Copy Tray-J2 ⁴⁹	3 7/8"	97 mm	10 1/8"	258 mm	14 3/4"	373 mm
Copy Card Reader-F1	1 5/8"	40 mm	3 1/2"	88 mm	3 13/16"	96 mm
imagePASS-P2	11 5/8"	295 mm	11 1/4"	285 mm	3 5/8"	93 mm
ColorPASS GX-500	19 1/8"	485 mm	8 1/2"	215 mm	19"	483 mm

⁴⁹ With the Auxiliary Tray extended

Table 18 – Weight

Component	Approximate Weight	
Main Unit	315.3 lb	143 kg
Cassette Feeding Unit-AM1	49.6 lb	22.5 kg
High Capacity Cassette Feeding Unit-A1	66.1 lb	30 kg
Paper Deck Unit-F1	68.3 lb	31 kg
Inner Finisher-H1	18.3 lb	8.6 kg
Staple Finisher-Y1	68.3 lb	31 kg
Booklet Finisher-Y1	125.7 lb	57 kg
Buffer Pass Unit-L1	9.9 lb	4.5 Kg
2/3-Hole Puncher Unit-A1	5 lb	2.3 kg
Inner 2/3-Hole Puncher-B1	9.3 lb	4.2 kg
Inner 2 Way Tray-J1	1.3 lb	0.6 kg
Copy Tray-J2	1.1 lb	0.5 kg
Copy Card Reader-F1	7.1 oz	200 g
imagePASS-P2	9.4 lb	4.3 kg
ColorPASS GX-500	38.4 lb	17.4 Kg

C. Installation Space Requirements

The imageRUNNER ADVANCE C5500 III Series machine approximate installation space requirements may differ, depending on how the machine is configured and the optional accessories attached. Always ensure that there is enough space for servicing and operation of the main unit and configuration.

IMPORTANT

Rear Space:

- Provide at least 4" (100 mm) behind the machine to the wall for unrestricted operation, including the opening of the main unit doors.

Front and Side Space:

- Make sure that at least 19 3/4" (500 mm) of space is available around the front, left, and right sides of the Main Unit.

Additional Space Requirements

- The machine should not be moved once it is in place.
- Do not place anything around the machine. Especially, do not place anything around the breaker, as doing so may prevent access to the breaker in an emergency, possibly resulting in personal injury.

Table 19 – Installation Space Main Unit Without Options

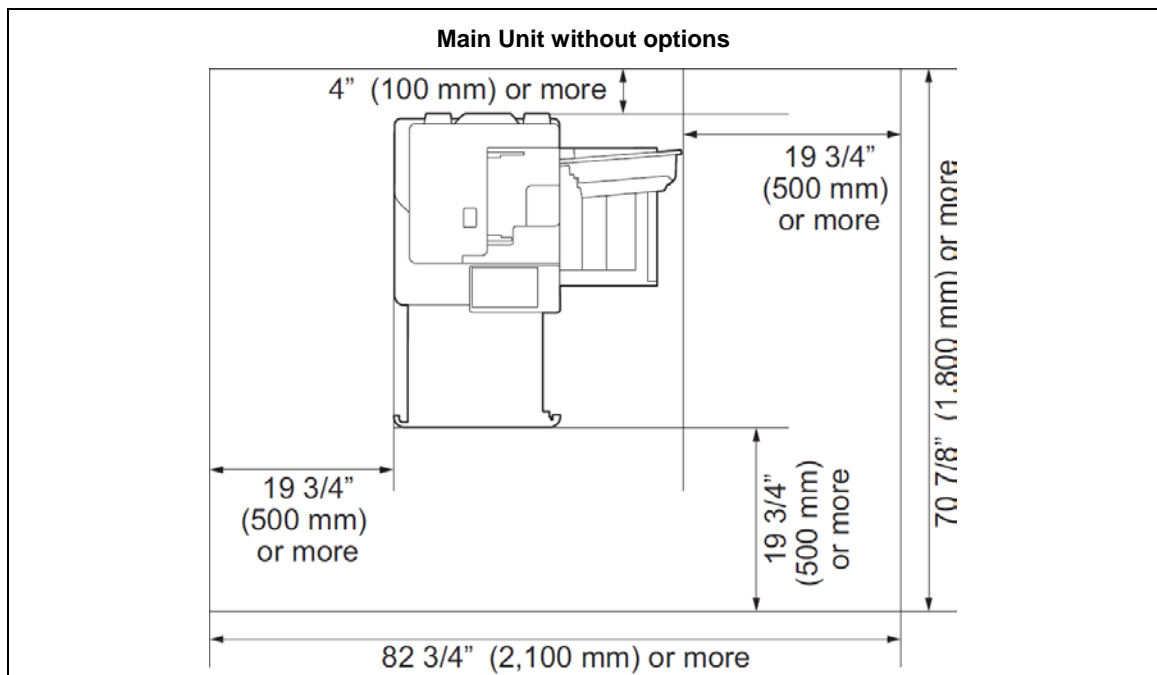
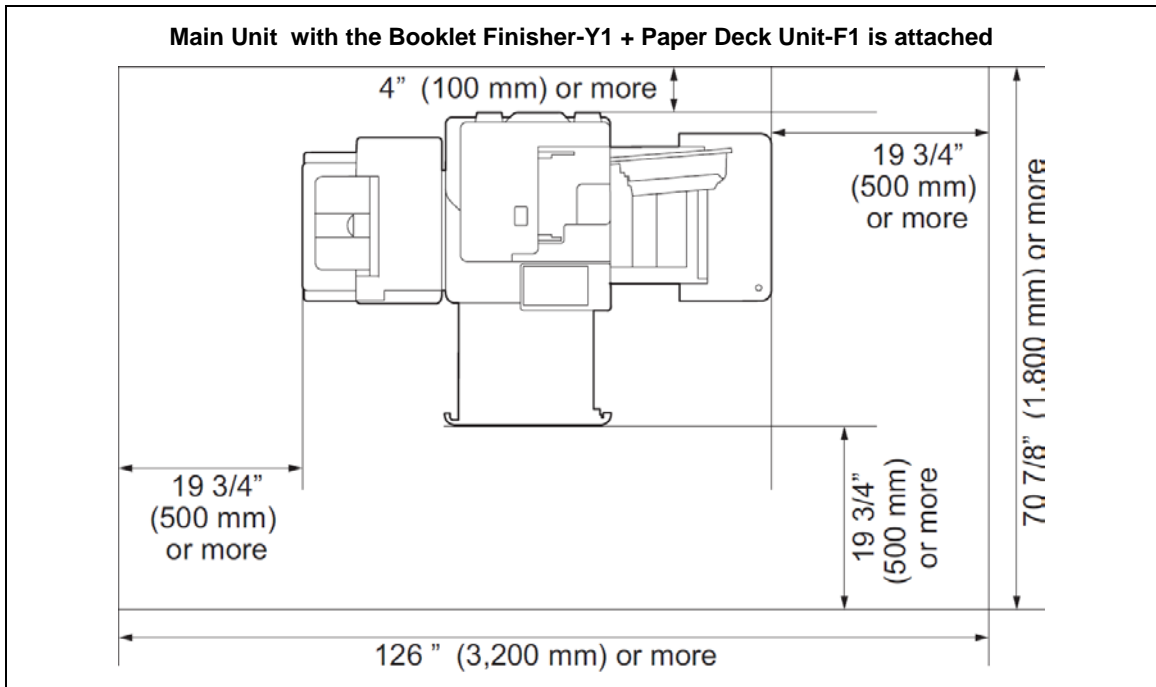


Table 20 – Installation Space Main Unit with Finishing and Paper Feed options



D. Estimated Installation Times

The table below indicates the estimated length of time needed to unpack and install the main unit and optional accessories, calculated from the average amount of labor hours. The estimated unpack and installation times are based on a minimum of one (1) experienced technicians unless otherwise specified.

 **IMPORTANT**

Setup time varies due to many factors, most of which the installation technician has little control over. Some obstacles may include:

- Forklift availability and its operator
- Narrow hallways or a need to remove doors to enter rooms
- Uneven or damaged floors making leveling equipment difficult and time consuming

With the above-mentioned obstacles considered, an installation of imageRUNNER ADVANCE C5500 III Main Unit can take longer than the estimated total times below.

Table 21 – Estimated Installation Times

Estimated Installation Times			
Description	Estimated Unpack Time	Estimated Installation Time	Estimated Total Time
imageRUNNER ADVANCE C5500 III Series Main Unit ⁵⁰	9 minutes	22 minutes	31 minutes
Platen Cover Type W	1 minutes	8 minutes	9 minutes
Printer Cover-J1	1 minutes	9 minutes	10 minutes
Paper Deck Unit-F1	4 minutes	11 minutes	15 minutes
Cassette Feeding Unit-AM1	3 minutes	7 minutes	10 minutes
High Capacity Cassette Feeding Unit-A1	3 minutes	6 minutes	9 minutes
FL Cassette-AZ1	1 minutes	1 minutes	2 minutes
FL Cassette-BA1	1 minutes	1 minutes	2 minutes
Copy Tray-J2	1 minutes	2 minutes	3 minutes
Inner 2way Tray-J1	1 minutes	2 minutes	3 minutes
Staple Finisher-Y1	6 minutes	6 minutes	12 minutes
Inner Finisher-H1	3 minutes	10 minutes	13 minutes
Inner Finisher-H1 + 2/4Hole Puncher-B1	3 minutes	15 minutes	18 minutes
Booklet Finisher-Y1	7 minutes	6 minutes	13 minutes
2/3 Hole Puncher Unit-A1	7 minutes	5 minutes	12 minutes
Buffer Pass Unit-L1	2 minutes	4 minutes	6 minutes
Utility Tray-B1	1 minutes	5 minutes	6 minutes

⁵⁰ Installation time includes the DADF

Table 21 – Estimated Installation Times Continued

Estimated Installation Times			
Description	Estimated Unpack Time	Estimated Installation Time	Estimated Total Time
Copy Card Reader-F1 + Copy Card Reader Attachment-B3	2 minutes	13 minutes	15 minutes
Super G3 FAX Board- AS2	1 minute	6 minutes	7 minutes
Super G3 2nd Line Fax Board- AS2	1 minute	20 minutes	21 minutes
Super G3 3rd/4th Line Fax Board- AS2	1 minute	15 minutes	16 minutes
Handset-G2	1 minutes	4 minutes	5 minutes
imagePASS-P2	1 minutes	14 minutes	15 minutes
ColorPASS GX-500	1 minutes	22 minutes	23 minutes
Voice Guidance Kit-G1	1 minutes	14 minutes	15 minutes
Voice Operation Kit-D1	1 minutes	11 minutes	12 minutes
Removable HDD Kit-AL1	2 minutes	10 minutes	11 minutes
HDD Mirroring Kit-J1 + 2.5inch/250GB HDD-N1	3 minutes	14 minutes	17 minutes
2.5inch/1TB HDD-P1	1 minutes	4 minutes	5 minutes
Image Data Analysis Board-B1	1 minutes	6 minutes	7 minutes
Serial Interface Kit-K3	1 minutes	7 minutes	8 minutes
Copy Control Interface Kit-A1	1 minutes	5 minutes	6 minutes
iR-ADV Security Kit-P1 for IEEE 2600.1 Common Criteria Certification	1 minutes	65 minutes	66 minutes
iR-ADV Charging Connection Kit-A1	1 minutes	4 minutes	5 minutes

E. Recommended System Engineer Requirements

An SE (System Engineer)⁵¹ is recommended to work with Canon's software solutions and networked devices, and should have the following basic job functions:

- Systems integration (pre-sales, professional services and post-sales)
- Technical education of customers and dealership personnel
- Advanced Troubleshooting responsibilities

To perform the above tasks successfully, it is crucial that the SE have strong software solutions, IT infrastructure and working knowledge in the following areas:

1. Major computer platforms (PC and Mac based)
2. Operating systems:
 - Windows 7, 8, 10
 - Mac OS
 - Linux
 - VMware virtualization
3. Server Operating Systems:
 - Windows Server 2008, 2012
 - Mac OS X Server
4. Protocols/Services:
 - TCP/IP
 - SSL
 - Active Directory
5. Printing
 - Print Driver (PCL, PS, UFR)
 - Print processor
 - Print spooler
 - Print queue
6. Scanning

It is also important that the SE have computer skills and working knowledge in the following areas:

- Remote Support Tools – (WebEx, TeamViewer, Windows RDC)
- Other computer platforms (mainframe and UNIX)

The Education/Training of a successful Canon dealership's SE include:

1. CompTIA A+
2. CompTIA Network+
3. Microsoft Certified Professional (MCP) certification
4. Two years of experience as a Computer Technician, Network Administrator or related software support position.
5. A degree in Computer Science or Networking Technology or two years of extensive experience in the above areas.

F. Canon Remote Services

Canon Remote Services are a suite of tools and best practices that Canon USA provides to dealers to help maximize efficiency and reduce labor costs.

Canon Remote Services provide the following benefits to customers and dealerships:

- Retrieve meter readings for billing, which reduces the need for an on-site meter read or a phone call to the customer to read the meters.
- Anticipate part requirements by monitoring the service meters. The service technician can monitor the page counter and service part counter data to anticipate when a part requires replacement and have the part available during the next scheduled service visit.
- Investigate machine issues before visiting the customer site. Service alerts and service meters can be used so that the service technician can visit the customer with the necessary information and parts to reduce revisits due to the unavailability of service parts.
- Monitoring service alert data provides the ability to resolve simple issues over the phone, which may reduce the need for an on-site service visit.

For more information about Canon Remote Services, refer to the Remote Services page on the [Canon e-Support Center Website](#).

1. imageWARE Remote

imageWARE Remote is a service that facilitates the automatic collection of page counter, service parts counter, alarm, jam, and error code data. This information is transmitted to the UGW (Universal Gateway) Server from Canon devices equipped with the eRDS (embedded Remote Diagnostic System), or with the optional RDS (Remote Diagnostic System) Plug-In for imageWARE Enterprise Management Console.

A servicing dealer has access to the UGW Web Portal, an interface to view and retrieve collected meter and service data. Additionally, the UGW Web Portal can be used to monitor and manage the use of consumables.

51 An SE (System Engineer) is a professional title often used by hardware vendors for individuals who perform systems related tasks, such as analysis, design, and programming. System Engineers are also often involved in pre-sales activities.

 **IMPORTANT**

To register the machine in the UGW, the main engine serial number must be used.

 **IMPORTANT**

imageWARE Remote only supports TLS V1.2 and earlier.

a. Embedded Remote Diagnostic System

eRDS is a function that is built into the device that allows the device to communicate meter and service information to the UGW.

eRDS must be enabled and a successful COM-TEST must be performed before a device can report to the UGW.

b. Remote Diagnostic System Plug-in

The optional RDS ⁵² Plug-In for the imageWARE Enterprise Management Console retrieves meter and service information from up to 1,000 Canon printers, Canon multifunction devices and third-party devices using the standard printer MIB (Management Information Base). The RDS Plug-In transmits the collected data directly to the UGW.

Note: eRDS-capable devices can also be monitored using the RDS Plug-in.

2. Optional Integration Applications

Optional integration applications are available to automatically download meter and service alert data to your dealership's back-end device management system. For more information, refer to the Remote Services page on the [Canon e-Support Center Website](#).

3. UGW SnapShot

The UGW SnapShot tool consolidates commonly used data from the UGW into a format accessible from an Internet capable device (mobile phone, tablet, or a personal computer).

Service technicians can use this tool to check device status prior to a service call.

For more information, refer to the Remote Services page on the [Canon e-Support Center Website](#).

⁵² The imageWARE Enterprise Management Console and Remote Diagnostic System Plug-in are available at no charge. For more information, refer to the Technical Publication TP10 360 available from the [Canon e-Support Center Website](#).

4. Device Management Tool

The Device Management Tool is a Web application that can be used to register, manage, and unregister individual or multiple devices in the UGW.

The Device Management Tool can create customer profiles, contract information, and associate devices with a customer.

5. Content Delivery System

The CDS (Content Delivery System) is a system that delivers and installs firmware and MEAP (Multifunction Embedded Application Platform) applications. The advantages of the CDS include reduced service costs (labor and travel), improved first-call resolution, and provides access to the latest version of firmware.



IMPORTANT

Content Delivery System only supports TLS V1.2 and earlier.

There are three methods to deliver firmware updates:

Table 22 – CDS Firmware Delivery Methods

Method		Download Firmware	Install Firmware	Frequency	Cost Savings
A	Scheduled Update (at device)	Automatic	Automatic	Recurring periodically	Fully unattended updates after initial one-time setup (less than 5 minutes)
B	Update (remotely through UGW + CDS)	13 hours to 7 days in advance	Automatic	One time as scheduled	Eliminate technician visits
			Manual		Reduce duration of technician visit
C	Update (at device)	Up to 7 days in advance	Automatic	One time as scheduled	Fully unattended update after configuring (less than 5 minutes), when using automatic installation.
			Manual	One time on demand	

Method A – Ensures that the device always has the latest version of firmware installed. After a one-time setup by the service technician, the machine automatically downloads and installs new firmware as it becomes available. Further visits may not be necessary for firmware updates.

Method B – Enables the dealership to schedule a firmware download to the machine via the UGW. This method also provides the option to install the firmware either automatically (without a service technician on-site), or manually by a service technician.

Method C – Provides a service technician with access to the latest firmware while at the machine. A service technician also has the option to schedule the installation at a later time. Although a site visit is required for each firmware update, the service technician does not need to bring the firmware to the site.

6. Remote Operator's Software Kit

The Remote Operator's Software Kit provides alternative access for end-users with mobility or dexterity impairments. This software emulates the device's control panel and hard keys on a computer screen, allowing end-users to operate all system functions (copy, print, fax, scan, and send) from a network-connected computer.

Service technicians and helpdesk personnel can use the Remote Operator's Software Kit for remote management, troubleshooting, and support. The Remote Operator's Software Kit can also provide access to Service Mode. Additionally, it can be used to demonstrate device features and functions to end-users.

Note: The procedure to enter Service Mode using the Remote Operator's Software Kit should not be shown to the end-user.

G. Device Configuration Management

1. Device Configuration Manager

DCM (Device Configuration Management) is a function to migrate the device settings information (Settings/Registration Basic Information and Service Mode Settings) as backup data, installation (replacement/mass installation) to the same model or installation to a different model.

The settings can be imported/exported using Remote UI, service mode, or imageWARE Enterprise Management Console DCM Plug-in.

Backup data can be stored to the PC via Remote UI and to USB memory media or the HDD via the service mode

Refer to the imageRUNNER ADVANCE C5500 III Service Manual for details.

2. Device Migration Navigator

The Device Migration Navigator is an application that can help the service technician select the best tool (Remote UI, USB Memory Media) to migrate device settings for installation (replacement/mass installation) and/or data backup/restoration.

Notes:

- Available at no charge from the [Canon e-Support Center Website](#) Download Center.
- Available for the imageRUNNER ADVANCE C5500 III with the imagePASS Server attached
- This process is not to be confused with the process to back up or restore RAM Data

H. Data Backup Service

The Data Backup Service provides automatic data backup periodically to a cloud-based server hosted at **Canon Business Imaging Online**. The end-user administrator can execute the Data Backup Service. The Data Backup Service backs up the imageRUNNER ADVANCE third Generation device user mode settings, Address Book, Registration Settings, Quick Menu Settings, Main Menu Settings, Box Settings, Universal Data Settings, Personal Settings, and Service Mode Settings. Customer data is not backed up to the Data Backup Service, the exception is the Address Book.

The service technician can restore the address book and settings listed above from the cloud based server to the existing or replaced Hard Disk Drive of the imageRUNNER ADVANCE device.

Training is required to allow the servicing dealer to enroll in Data Backup Service and for the service technician to receive support from the Technical Support Center. Refer to the Training Center at Canon USA's [e-Support Center Website](#) Training Center for details.

I. Firmware Upgrade

The imageRUNNER ADVANCE C5500 III Series devices supports firmware downloads from the SST (Service Support Tool), USB memory stick and the Content Delivery System. Refer to the imageRUNNER ADVANCE C5500 III Service Manual for details.

1. Service Support Tool

The Service Support Tool ⁵³ (version 4.81 or later) provides a graphical interface between the PC and the copier. Refer to the SST User Manual. The SST is available via Canon's [e-Support Center Website](#) and provides two main functions:

a. Flash Upgrade Function

The SST can upgrade the Flash Dual In-Line Memory Modules (FDIMM) firmware, BootROM, DCON and RCON. The SST is also capable of downloading to a HDD System, RUI (Remote User Interface), Key, SDICT, TTS, Browser, ASR, WebDAV, Media, Help and Language Files. Additionally the SST can format a HDD and load software.

The SST Download Progress Monitor⁵⁴ is available via the Canon USA [e-Support Center Website](#). The tool will enable the service technician to monitor the download progress of firmware to device.

b. Backup / Restore RAM Data

If replacing any PCBs with FDIMMs attached or initializing RAM, the SST can be used to create a backup of the FDIMM RAM data and saved to a PC. Once the PCB has been replaced, the RAM backup file can be restored to the imageRUNNER ADVANCE device and factory settings restored.

2. Content Delivery System

The CDS is Canon's next generation system for the delivery and installation of firmware to imageRUNNER ADVANCE devices with the imagePASS Server attached. Refer to the Content Delivery System section on Page 58.

⁵³ Check the e-Support Center Download Center for the most current version of the Service Support Tool

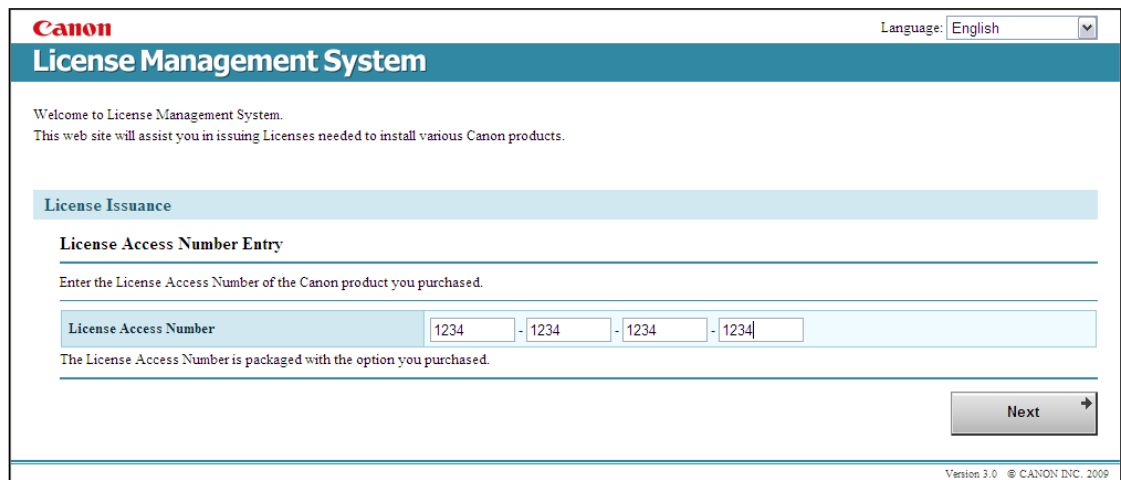
⁵⁴ Check the e-Support Center Download Center for the most current version of the SST Download Progress Monitor.

J. LMS (License Management System)

To activate optional software programs and features preinstalled on the imageRUNNER ADVANCE device, you must obtain a license through the LMS server. This replaces the need for additional hardware or dongles to activate new software.

The LMS is a server-based software license program. All purchased software application packages contain a license access number certificate with the documentation. The dealer must enter the license access number and the imageRUNNER ADVANCE device’s serial number into the LMS server to generate a license key. The URL to access the LMS server is: <http://www.canon.com/lms/ir/>.

Figure 2 – License Management System



If there are activation or installation issues, contact the Technical Support Center. Be prepared to provide the product’s serial number, license access number, and license key.

Notes:

- The license access number comes with the software. Keep the license access number in a secure location, as it cannot be replaced if it is lost.
- The machine’s serial number can be found on the Counter Check screen on the machine’s UI.
- Activated software programs are not impacted by normal service activity.

K. Content Delivery System Website

The CDS Website (<http://www.canon.com/fau/downloads>) enables end-users to download, select client applications and related manuals.

L. Hard Disk Drive Handling

The imageRUNNER ADVANCE C5500 III Series machines use a HDD (Hard Disk Drive) for storing firmware and image data. The HDD is easily affected by shock, vibration, and static charge. Therefore, its handling requires special care. When transporting an HDD, which is available as a service part, it must be kept in its original package until it is installed in a machine.

CAUTION

Canon USA or any of its affiliates or dealers are not liable for any damages for loss of data received or stored on the hard disk, including loss arising from lost opportunity to use such data, even if Canon is informed of the possibility of such damages. Therefore, it is recommended to not permanently store data on the HDD without having secured copies or printouts of such data. (Review the terms of the product's Limited Warranty for more details.)

IMPORTANT

If a HDD must be replaced due to a fault, all MEAP application files stored on it will be lost, requiring all applications and their license files to be reinstalled, in addition to replacing the HDD. Refer to the *imageRUNNER ADVANCE C5500 III Series Service Manual* for further details.

M. Special Tools, Solvents & Oils

In addition to the standard tools used to service these devices, a service technician should also carry special tools to maintain the machine. The service technician should carry specific solvents and oils for the cleaning and lubrication of key components of the machine. For more information on the special tools, solvents, and oils, see the *imageRUNNER ADVANCE C5500 III Series Service Manual*.

N. Consumables

Consumables are all products and materials that are consumed with regular use and cannot be reused. Such consumables include but are not limited to paper, chemicals and toner.

A number of factors are considered when the approximate yield expectancy of a consumable is determined, including paper size and the amount of coverage per page.

Note: All consumables shown in the below tables are estimates for reference purposes only and are subject to change without notice. Actual usage will vary.

1. Toner

Table 23 – GPR-55 Toner

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
GPR-55 Black Toner	0481C003AA	1	69,000 ⁵⁶ images	Based on 5% Toner Coverage, 100% Color Ratio 0% Large Ratio
GPR-55 Cyan Toner	0482C003AA	1	60,000 ⁵⁶ images	
GPR-55 Magenta Toner	0483C003AA	1	60,000 ⁵⁶ images	
GPR-55 Yellow Toner	0484C003AA	1	60,000 ⁵⁶ images	
GPR-55L Cyan Toner	0485C003AA	1	26,000 ⁵⁶ images	
GPR-55L Magenta Toner	0486C003AA	1	26,000 ⁵⁶ images	
GPR-55L Yellow Toner	0487C003AA	1	26,000 ⁵⁶ images	

² Part numbers are subject to change without notice.

Notes:

- GPR-55 Color Toner is available in two capacities, regular and low capacity (approximately 43% of the regular toner bottle capacity).
 - The regular capacity toner bottle has a higher yield, a higher cost and a lower cost per copy.
 - The low capacity toner bottle has a lower yield, a lower cost and a higher cost per copy.

The servicing dealer can use the regular and low capacity toner bottles to suit the print volume and print environment of customers. The Service Revenue/Profit Calculator references both toner bottle capacities and is available to determine how best to incorporate the regular and low capacity toner bottles.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

⁵⁶ Estimated 5% toner coverage on LTR sized paper.

- These models contain logic (a default setting) to help the dealer control costs by only allowing a toner bottle to be replaced by the end-user customer when approximately 5% of its content remains. However, this can be disabled in Service Mode thereby allowing replacement of a bottle at any time by the end-user customer. Please see the Service Manual for details.

2. Drum

Table 24 – Main Unit Consumables List

Description	Part Number ²	Quantity	Estimated Life ⁵⁵				Remarks
			imageRUNNER ADVANCE				
			C5560i III	C5550i III	C5540i III	C5535i III	
GPR-55 Black Drum Unit	0488C003BA	1	480,000 pages	485,000 pages	417,000 pages	488,000 pages	imageRUNNER ADVANCE C5560i III Based on an Average Monthly Print Volume of 11,000 pages and Color Ratio of 40%
GPR-55 Color Drum Unit	0488C003BA	3	392,000 pages	393,000 pages	336,000 pages	386,000 pages	imageRUNNER ADVANCE 5550i III Based on an Average Monthly Print Volume of 9,000 pages and Color Ratio of 40%
							imageRUNNER ADVANCE C5540i III Based on an Average Monthly Print Volume of 7,000 pages and Color Ratio of 35%
							imageRUNNER ADVANCE C5535i III Based on an Average Monthly Print Volume of 5,500 pages and Color Ratio of 35%

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

O. Consumable Parts

Consumable parts are parts having a limited life that will be reached during a customer’s specific machine operation, and should then be replaced as needed. Examples of consumable parts include, but are not limited to, feed rollers and cleaner blades.

An estimated consumable parts list is provided in the table below to assist in the initial parts/supplies planning. A consumable part’s life expectancy is directly related to usage factors, such as paper size, paper quality, environment, usage application, and machine maintenance. Therefore, consumable parts do not have a warranty, and Canon USA cannot guarantee a minimum life.

Note: All consumable parts shown in the table below are for reference purposes only, and are subject to change without notice.

Table 25 – Main Unit Consumable Parts

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
Dustproof Glass Cleaning Pad	FL2-9476-000	1	150,000 pages	
Developing Unit (Y)	FM1-N370-000	1	720,000 pages ⁵⁷	
Developing Unit (M)	FM1-N371-000	1	720,000 pages ⁵⁷	
Developing Unit (C)	FM1-N372-000	1	720,000 pages ⁵⁷	
Developing Unit (Bk)	FM1-N373-000	1	720,000 pages ⁵⁷	
Primary Transfer Roller (Y/M/C/Bk)	FC0-0257-000	4	720,000 pages	
Secondary Transfer Inner Roller	FL0-4164-000	1	720,000 pages ⁵⁷	
Secondary Transfer Outer Roller	FE4-8322-000	1	720,000 pages ⁵⁷	Replace the two parts at the same time.
Transfer Separation Guide Unit	FM3-8893-000	1	720,000 pages ⁵⁷	
ITB	FM1-N265-000	1	720,000 pages	
ITB Cleaning Blade	FM4-7246-000	1	360,000 pages	
Fixing Film Unit	FM1-N254-000	1	360,000 pages	
Fixing Pressure Roller Unit (Fixing Pressure Roller + Shaft Support)	FM1-N252-000	1	360,000 pages	Replace the Fixing Pressure Roller and the Shaft Support at the same time.
27T Gear (Fixing Unit)	FU2-1252-000	1	360,000 pages	
Pickup Roller (Cassette)	FL0-4002-000	2	500,000 sheets	One for Cassette 1 and Cassette 2
Feed Roller (Cassette)	FL0-2885-000	2	500,000 sheets	
Separation Roller (Cassette)	FL0-1674-000	2	500,000 sheets	

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

⁵⁷ Estimated Life is based on the Large Paper Ratio

Table 25 – Main Unit Consumable Parts Continued

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
Pickup Roller (Multi-purpose Tray)	FL0-4002-000	1	500,000 sheets	
Feed Roller (Multi-purpose Tray)	FL0-4002-000	1	500,000 sheets	
Separation Roller (Multi-Purpose Tray)	FL0-1674-000	1	500,000 sheets	
Toner Filter	FC6-9817-000	1	100,000 pages	
Waste Toner Container	FM1-A606-000	1	259,000 pages	<ul style="list-style-type: none"> • @ 100% Color Ratio • @ 5% Toner Coverage per Color • End-user can replace • Service Technician may empty
Pickup Roller	FL0-3873-000	1	80,000 sheets	Color Image Reader Unit
Feed Roller	FC0-9450-000	1	80,000 sheets	
Separation Roller	FC0-9631-000	1	80,000 sheets	
Pre-separation Unit	FM1-J766-000	1	80,000 times	
Stamp	FC7-5465-000	1	7,000 pages	

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 26 – Cassette Feeding Unit-AM1 Consumable Parts List

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
Cassette 3, 4 Pickup Roller	FL0-4002-000	2	500,000 sheets	Replaced based on the number of actually fed paper
Cassette 3, 4 Separation Roller	FL0-1674-000	2	500,000 sheets	
Cassette 3, 4 Feed Roller	FL0-2885-000	2	500,000 sheets	

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 27 – High Capacity Cassette Feeding Unit-A1 Consumable Parts List

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
High Capacity Cassette Pickup Roller	FL0-4002-000	1	500,000 sheets	Replaced based on the number of actually fed paper
High Capacity Cassette Separation Roller	FL0-1674-000	1	500,000 sheets	
High Capacity Cassette Feed Roller	FL0-2885-000	1	500,000 sheets	

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 28 – Paper Deck Unit-F1 Consumable Parts List

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
Deck Pickup Roller	FL0-4500-000	1	1,000,000 sheets	Replaced based on the number of actually fed paper
Deck Separation Roller	FC0-9450-000	1	1,000,000 sheets	
Deck Feed Roller	FC0-9631-000	1	1,000,000 sheets	

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 29 – Booklet Finisher-Y1 / Staple Finisher-Y1 Consumable Parts

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
Stapler	FM1-L281-000	1	500,000 times	
Stitcher Unit	FL0-6966-000	1	100,000 times	Booklet Finisher-Y1 only
Staple-free Staple Unit	FM1-K422-000	1	30,000 times	
Stacking Tray Torque Limiter	FE3-9778-000	2	200,000 times	
Paddle Unit	FE3-6957-000	4	1,000,000 times	
Stack Delivery Lower Roller Clutch	FK4-1312-000	1	1,000,000 times	
Escape Feed Clutch	FK4-1312-000	1	1,000,000 times	
Static Eliminator (Stacking Tray Delivery Assembly)	FL0-5052-000	1	1,000,000 sheets	
Static Eliminator (Upper Escape Delivery Assembly)	FL0-5056-000	1	1,000,000 sheets	
Static Eliminator (Saddle Delivery Assembly)	FL0-2207-000	2	1,000,000 sheets	Booklet Finisher-Y1 only

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 30 – Inner Finisher-H1 Consumable Parts

Description	Part Number ²	Quantity	Estimated Life ⁵⁵	Remarks
Stapler	FK4-1126-000	1	500,000 times	
Staple-free Staple Unit	FM1-C429-000	1	30,000 times	

² Part numbers are subject to change without notice.

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

P. Periodically Replaced Parts

Some parts of the machine must be maintained and replaced periodically to ensure a specific level of machine performance. These parts can affect the performance of the machine once they fail, even if there is no external change or damage. Whenever possible, plan to replace these parts during a scheduled service visit.

The imageRUNNER ADVANCE C5500 III Series does not have any periodic replacement parts.

Q. Periodic Maintenance

Some parts of the machine must be checked and/or replaced on a periodic basis to ensure a specific level of machine performance. These parts are likely to affect the performance once they fail even in the absence of external change or damage. Whenever possible, plan their replacement so that it will coincide with a scheduled service visit.

Note: All periodic maintenance shown in the below table is for reference purposes only and are subject to change without notice. Refer to the Service Manual for additional information.

Table 31 –Periodic Maintenance Items

Main Unit Periodic Maintenance			
Part Name	Estimated Interval ⁵⁵		Remarks
Δ: Cleaning ◎: Inspect			
Secondary transfer	As necessary	△	Performed as needed during a visit for parts replacement
Feed Contact Guide	As necessary	△	
Patch Sensor	As necessary	◎	
Registration Roller	As necessary	△	
Pre-registration Guide Assembly	As necessary	△	
Registration Sensor surface	As necessary	△	
First/Second/Third Delivery Roller	As necessary	△	
Duplex Feed Roller 1, 2	As necessary	◎	
Fixing Inlet Guide Unit	As necessary	△	
Fixing Delivery Guide	As necessary	△	
Inner Delivery Roller	As necessary	◎	
Fixing Delivery Roller	As necessary	◎	
Shutter Cover	As necessary	△	* Clean when the Film Unit is replaced.
Fixing Separation Guide	As necessary	△	
Dustproof Glass	As necessary	△	Performed as needed during a visit for parts replacement, etc.
Front and back sides of Copyboard Glass (Large)	As necessary	△	Clean it when soiling is significant (including the White Plate on the back side)

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 31 –Periodic Maintenance Items Continued

Part Name	Estimated Interval ⁵⁵		Remarks
△: Cleaning ◎: Inspect □: Adjust			
Front and back sides of Copyboard Glass (Small)	As necessary	△	Clean it when soiling is significant
Scanner Mirror (1st to 5th)	As necessary	△	
Post-Separation Sensor	As necessary	△	Cleaned at an interval of the actual number of sheets fed Performed as needed during a visit for parts replacement, etc.
Registration Roller	As necessary	△	
Lead Roller 1	As necessary	△	
Lead Roller 2	As necessary	△	
Lead Roller 3	As necessary	△	
Pullout Roller	As necessary	△	
Rollers, Slave Roller	As necessary	△	
ADF height adjustment	As necessary	□	
Original Sensor	As necessary	△	Cleaned at an interval of the actual number
Double Feed Sensor (Transmission side)	As necessary	△	
Double Feed Sensor (Reception side)	As necessary	△	

⁵⁵ Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

R. Soft Counter

The imageRUNNER ADVANCE C5500 III Series uses soft counters to track its functional copy use. The control panel can display up to eight (8) counters on the counter status check screen (when the counter check key button on the control panel is pressed). By default, the imageRUNNER ADVANCE C5500 III displays six (6) counters on the counter status check screen.

The Table below indicates the default counter configurations of the imageRUNNER ADVANCE C5500 III Series on the counter status check screen.

Refer to the imageRUNNER ADVANCE C5500 III Series Service Manual for complete details on the Soft Counter configurations.

Table 32 – Soft Counter

Counter	Counter Description (from Service Manual)	Default Display	Adjustability of Display
1	101: Total 1	On	May be Swapped to different Total Counter via Service Mode setting so that the counter will increment twice when large paper is used
2	108: Total (Black 1)	On	May be Changed via Service Mode setting to any available counter
3	229: Copy (Full Color + Single Color/Large)	On	May be Changed via Service Mode setting to any available counter
4	230: Copy (Full Color + Single Color/Small)	On	
5	321: Print (Full Color + Single Color/Large)	On	
6	322: Print (Full Color + Single Color/Small)	On	
7	Not Displayed	Off	
8	Not Displayed	Off	

⚠ CAUTION

- After performing a RAM clear, the counter will change to the default counter configurations above. As a result, the service technician must note the current soft counter settings before performing the RAM clear and return the soft counter settings after performing the RAM clear.
- If Counter 1 is changed to display the 102 counter (count two (2) clicks for large paper), Counter 2 may need to be changed to display the 109 counter (count two (2) clicks for large B&W paper) to match. However, you may need to confirm how your backend billing system and service history obtains the volume of color outputs before making this change.

S. MEAP Counter

The MEAP application counter counts the number of prints and scans made per MEAP application. You can view the MEAP counter by logging on to the MEAP SMS (Service Management Service) Application/License Information page via a Web browser. (The computer you are using must be connected to the machine and network.) You can also view the MEAP counter from the MEAP device. Press the Counter Check button on the device's control panel, and then press the MEAP Counter key on the touch panel display.

There are three types of MEAP applications:

- **Applet:** Contains a user interface on the touch panel display of the device. Up to nine applet tabs can be displayed on the touch panel display of the device.
- **Servlet:** Contains a remote, programmable user interface for the application via a Web browser.
- **Esplet:** The application does not contain a user interface.

Each MEAP application has its own counter. There are 20 counters available for MEAP applications on the imageRUNNER ADVANCE C5500 III Series machines. However, one of these 20 counters is used for Universal Send.

T. Toner Bottle Counter

The imageRUNNER ADVANCE machine has Toner Bottle Counters that increment after the machine recognizes that a new toner bottle has been inserted. These counters provide support when billing customers who order and consume a lot of toner. Toner units shipped can be compared against toner bottles actually installed in the machine.

For more information, refer to the Service Manual.

Table 33 - Toner Bottle Counters

	Toner Bottle Counter⁵⁸	Premature Removal Counter⁵⁸	Unidentified Toner Bottle Counter⁵⁸
Counter Number	Black: 0071 Yellow: 0072 Magenta: 0073 Cyan: 0074	Black: 0081 Yellow: 0082 Magenta: 0083 Cyan: 0084	Black: 0181 Yellow: 0182 Magenta: 0183 Cyan: 0184
Description	Counts how many toner bottles are consumed for each color throughout the life of the machine.	Counts how many toner bottles are removed prematurely for each color throughout the life of the machine.	Counts how many unidentified toner bottles ⁵⁹ are consumed for each color.
Service Mode	COPIER > OPTION > USER > TNRB-SW (Level 2)		
Display on the Counter Check Screen	0: Not displayed 1: Toner Bottle counter is displayed 2: Not displayed 3: Toner Bottle counter and unidentified toner counter are displayed		
Remarks	Backed up three times		

58 The counter is not advanced under these conditions after replacing the DC Controller PCB:
 - The DC Controller was replaced when the power was OFF, and a new toner bottle was installed before the power was turned ON.
 - The DC Controller was replaced when the power was OFF, the power was turned back ON, and then a new toner bottle was installed (old bottle was already removed or the front door was open).

59 A toner bottle whose IC tag information cannot be read.

X. Limited Warranty Support

A. imageRUNNER ADVANCE C5500 III Series Limited Warranty Conditions

Ninety (90) days after delivery to the original purchaser or 60,000 prints/copies, or a combination of both, whichever comes first.

This limited warranty covers the product accessories. For detailed limited warranty information, please refer to the [Canon imageRUNNER ADVANCE C5560i/C5550i/C5540i/C5535i Series Limited Warranty on page 97](#).

Note: No warranty is given on any consumables or consumable parts, such as paper, toner, chemicals, or pick-up rollers.

B. GPR-55 Drum Unit Limited Warranty

Table 34 – GPR-55 Drum Unit Limited Warranty

Full Credit:	Black Drum Unit	1,000 prints or copies (or a combination of both) or 30 days after delivery to the original purchaser, whichever comes first.
	Color Drum Unit	1,000 prints or copies (or a combination of both) or 30 days after delivery to the original purchaser, whichever comes first.
Prorated Credit:	Black Drum Unit	370,000 prints or copies (or a combination of both) or 120 days after delivery to the original purchaser, whichever comes first.
	Color Drum Unit	300,000 prints or copies (or a combination of both) or 120 days after delivery to the original purchaser, whichever comes first.

C. Warranty Programs

Reference the Warranty Programs section on the [e-Support Center Website](#) to review details of the following warranty programs and offerings:

- The Flat-Rate Program provides a flat-rate credit to Canon USA’s full-line dealers as compensation for warranty expenses that they may incur.
- Canon USA Authorized Parts Repair Facilities that repair circuit boards for various Canon products.
- The e-Tag, an electronic limited warranty claim form, that is completed online, printed out, and accompanied by the original defective part that is being returned to the Warranty Control Section for warranty compensation
- The Parts Support Program is designed to help reduce your service costs for controllers. By participating in the Parts Support Program your dealership will not be required to stock expensive parts.

D. Service Parts Availability

Service parts ordering will be available 24 hours a day, 7 days a week, 365 days a year to provide the quickest possible response should the need arise for such parts. Canon USA will provide service parts for the key units, assemblies and consumables to cover the entire machine function, and this is designed to avoid potential machine downtime for the customer. Various shipment options⁶⁰ currently offered include:

- Next Flight Out (NFO)
- UPS (Ground, Next Day, Early AM)
- Pickup (Rush, Spot)

Table 35 – Parts Order Center Days and Hours of Operation

Days of Operation	Hours of Operation	Parts Order Center	Telephone Number
Monday – Friday	9:00 AM – 7:00 PM Eastern Standard Time	Canon Parts Order Center	866-481-2569
Monday – Friday ⁶¹	7:00 PM – 9:00 AM Eastern Standard Time	24 / 7 Call Center	800-263-9271
Saturday – Sunday ⁶¹ All National Holidays	24 Hours		

⁶⁰ Shipment options are subject to change

⁶¹ Only authorized dealer personnel with a unique PIN access code will be allowed to utilize this service. Contact the Canon Parts Order Center (canonparts@cusa.canon.com) for more information.

XI. Product Technical Support Offerings

Note: Please refer to the Technical Support Center on the [e-Support Center Website](#) for the most current policies and procedures.

A. Canon USA Technical Support Center

The Technical Support Center (TSC) is the single point of entry for all technical support issues on BICG products. To ensure that every dealer receives the highest level of support and help to resolve the end user's problems quickly and accurately, we recommend each service technician become familiar with the Dealer Support requirements and Canon USA support offerings.

Refer to the Tech Support tab of the [e-Support Center Website](#) and review the Technical Support Center Policies and Procedures as well as Contacts & Tickets.

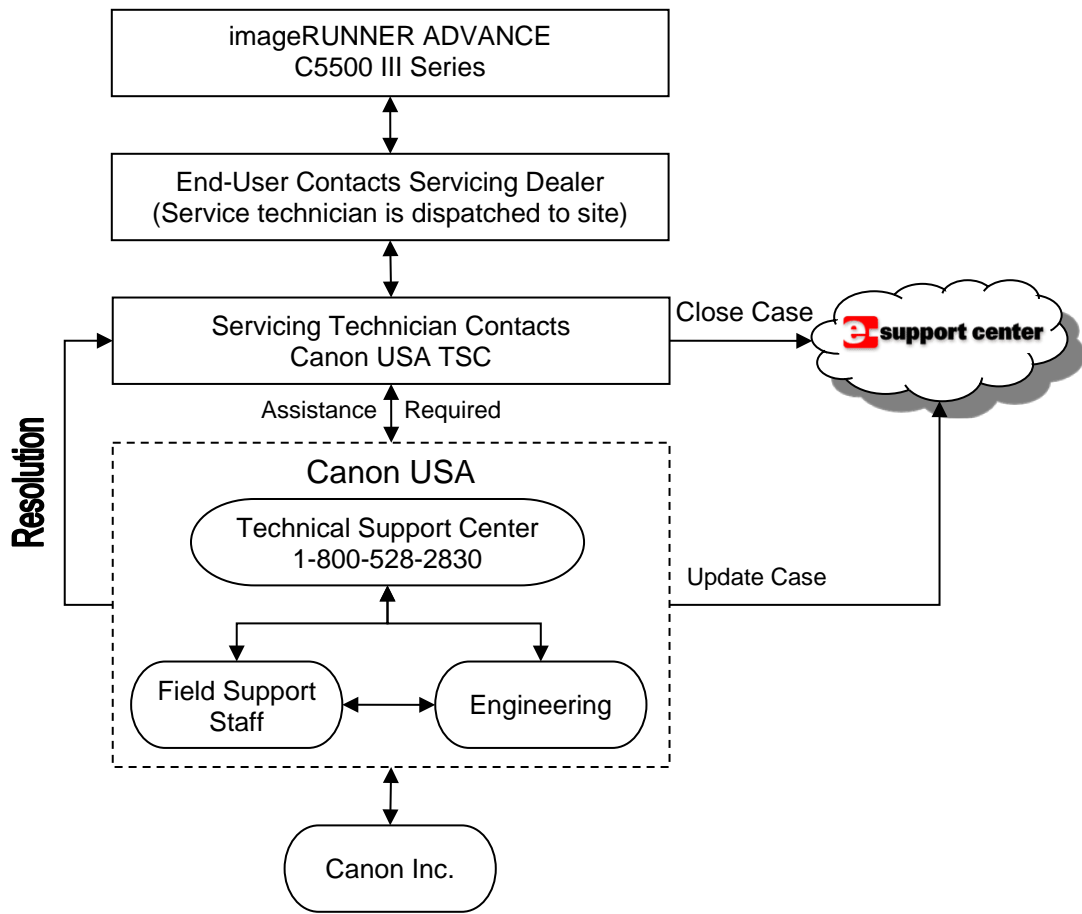
B. Technical Support Escalation

The TSC may, at its discretion, escalate a case to the Regional Field Support Staff or Engineering group after all reasonable troubleshooting options have been exhausted. For hardware-related issues a Designated Escalation Specialist for the imageRUNNER ADVANCE Series is required for an escalation to Field Support Staff. The DES must have worked on the problem directly before a TSC can escalate to Field Support Staff. See the Canon USA Support Escalation Flow Chart in [Figure 3 – Canon USA Support Escalation Flow Chart](#).

Note: For support escalation to the Field Support Staff, a Designated Escalation Specialist ⁶² must contact the TSC and visit the site at least once.

⁶² The Designated Escalation Specialist is a service technician assigned by the dealership in the model category of the imageRUNNER ADVANCE via the Management Center of the e-Support Website. The Designated Escalation Specialist must complete the training program and pass the final assessment exam for the imageRUNNER ADVANCE Series. See the Technical Support Center on the e-Support Center Website for more details.

Figure 3 – Canon USA Support Escalation Flow Chart



C. Internet Support

Canon USA's Engineering Services and Solutions Division provides high-quality e-Support via the Internet, and is only available for Canon USA's Authorized Servicing Dealers.

To access e-Support, go to the Canon USA's [e-Support Center Website](#).

Canon USA's e-Support is designed to provide Systems Engineers and Technicians access to technical support information via the World Wide Web.

The following functions and information can be accessed:

- Proactive notification of new releases, patches, Technical Publications, and other information via e-mail message
- Search for technical solutions with the Integrated Knowledge Management System through a natural language query
- Read or download on-line documentation
- Download patches and their Readme files
- Download firmware and software drivers
- Track or close logged cases
- Review all open cases

D. Canon USA's Partner Portal Website

Canon USA's [Partner Portal](#) provides links to BICG Marketing and Service, Canon Network Access and the Learning Zone.

The Service and Support link provides access to view and download Service Guides, Customer Expectation Documents and Service Revenue/Profit Calculators.

Access is limited to an Authorized Dealer's Management staff. Please contact your Dealer Administrator to request access to the Partner Portal.

XII. Appendix

A. Registered Paper Types and Weight

Table 36 – Registered Paper Types and Weight

Paper Type	Paper Weight
Thin 2	14 to 15 lb bond (52 to 59 g/m ²)
Thin 1	16 lb bond (60 to 63 g/m ²)
Plain 1	17 to 20 lb bond (64 to 75 g/m ²)
Plain 2	21 to 24 lb bond (76 to 90 g/m ²)
Plain 3	25 to 28 lb bond (91 to 105 g/m ²)
Heavy 1	29 to 34 lb bond (106 to 128 g/m ²)
Heavy 2	35 to 40 lb bond (129 to 150 g/m ²)
Heavy 3	56 to 60 lb cover (151 to 163 g/m ²)
Heavy 4	61 to 66 lb cover (164 to 180 g/m ²)
Heavy 5	67 to 80 lb cover (181 to 220 g/m ²)
Heavy 6	82 lb cover to 140 lb index (221 to 256 g/m ²)
Heavy 7	100 to 110 lb cover (257 to 300 g/m ²)
Recycled 1 ⁶³	17 to 20 lb bond (64 to 75 g/m ²)
Recycled 2	21 to 24 lb bond (76 to 90 g/m ²)
Recycled 3	25 to 28 lb bond (91 to 105 g/m ²)
Color	17 to 21 lb bond) (64 to 81 g/m ²)
Pre-Punched	17 to 21 lb bond) (64 to 81 g/m ²)
Transparency ⁶⁴	32 lb bond to 80 lb cover (121 to 220 g/m ²)
Tracing ⁶⁵	17 to 21 lb bond (64 to 81 g/m ²)
1-Sided Coated 1	29 lb bond to 60 lb cover (106 to 163 g/m ²)
1-Sided Coated 2	61 to 80 lb cover (164 to 220 g/m ²)
1-Sided Coated 3	82 lb cover to 140 lb index (221 to 256 g/m ²)
2-Sided Coated 1	29 lb bond to 60 lb cover (106 to 163 g/m ²)
2-Sided Coated 2	61 to 80 lb cover (164 to 220 g/m ²)
2-Sided Coated 3	82 lb cover to 140 lb index (221 to 256 g/m ²)
Labels	31 lb bond to 68 lb cover (118 to 185 g/m ²)
Bond	22 to 26 lb bond (82 to 99 g/m ²)
Tab 1	25 lb bond to 80 lb cover (91 to 220 g/m ²)
Tab 2	29 to 34 lb bond (106 to 128 g/m ²)
Tab 3	35 to 40 lb bond (129 to 150 g/m ²)
Tab 4	56 to 80 lb cover (151 to 220 g/m ²)
Letterhead	29 lb bond to 60 lb cover (106 to 163 g/m ²)
Envelope	20 to 28 lb bond (75 to 105 g/m ²)

⁶³ You can use 100% recycled paper.

⁶⁴ Use only LTR or LTRR transparencies made especially for this machine.

⁶⁵ Some types of tracing paper cannot be used.

B. Specifications

Note: All specifications are for reference purposes only and are subject to change without notice.

Table 37 – imageRUNNER ADVANCE C5500 III Specifications

Item		Specification			
		imageRUNNER ADVANCE			
		C5560i III	C5550i III	C5540i III	C5535i III
Type		Reader-Printer Separated, Console type			
Scanning Resolution		600 x 600 dpi			
Print Resolution		1,200 x 1,200 dpi			
Number of Tones		256			
Acceptable Originals		Up to 11 3/4" x 17" (297 x 431.8 mm): Sheet, book, and three dimensional objects (up to 4.4 lb (2 kg))			
Paper Size	Paper Sizes	Paper Drawer 1: Maximum: 11 3/4" x 8 1/2" (297 x 215.9 mm) Minimum: 3 7/8" x 5 7/8" (98 x 148 mm) Paper Drawer 2: Maximum: 12" x 18" (304.8 x 457.2 mm) Minimum: 3 7/8" x 7 1/8" (98 x 181 mm) Multi-Purpose Tray: Maximum: 12 5/8" x 18" (320 x 457.2 mm) ⁶⁶ Minimum: 3 7/8" x 5 1/2" (98 x 139.7 mm)			
	Margin	Top: 3/16" (4 mm) Left and Right: 1/8" (2.5 mm) Bottom: 1/8" (2.5 mm)			
	Paper Weight	Paper Drawer 1 / 2: 14 lb bond to 140 lb index (52 to 256 g/m ²) Multi-Purpose Tray: 14 lb bond to 110 lb cover (52 to 300 g/m ²)			
	Paper Types ⁶⁷	Thin, Plain, Heavy, Recycled, Color, Pre-Punched, Transparency, Tracing, 1-Sided Coated, 2-Sided Coated, Matte Coated, Textured, Labels, Bond, Tab, Envelope, Letterhead			
Warm-Up Time		After Powering ON ⁶⁸ 30 seconds or less Returning from the Sleep mode ⁶⁹ 10 seconds or less			
First Copy Time ⁶⁹	Color	Up to 4.5 seconds	Up to 5.2 seconds	Up to 6.1 seconds	Up to 7.4 seconds
	B&W	Up to 2.9 seconds	Up to 3.5 seconds	Up to 4.1 seconds	Up to 4.9 seconds
Paper Feeding System/Capacity		Paper Drawer 1, 2 550 sheets x 2 cassettes (21 lb bond (80 g/m ²)) 680 sheets x 2 cassettes (17 lb bond (64 g/m ²)) Multi-Purpose Tray 100 sheets (21 lb bond (80 g/m ²)) 120 sheets (17 lb bond (64 g/m ²))			
Multiple Copies		999 sheets			

66 Long Sheets up to 12 5/8" x 47 1/4" (320 x 1,200 mm) is available from the multipurpose tray via a service mode setting. Note running long sheets may have a significant impact on running cost.
 67 Reference [Registered Paper Types and Weight](#) for the available paper weights.
 68 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.
 69 Activation time may vary, depending on the environment and conditions under which the machine is being used.

Table 37 – imageRUNNER ADVANCE C5500 III Specifications Continued

Item	Specification			
	imageRUNNER ADVANCE			
	C5560i III	C5550i III	C5540i III	C5535i III
Magnification	<p>Regular paper size Same Ratio Direct±0.5% Reduction 1:0.78 (LGL→LTR) 1:0.73 (11" x 17"→LGL, 11" x 15"→LTR) 1:0.64 (11" x 17"→LTR) 1:0.50 (11" x 17"→STMT) 1:0.25</p> <p>Enlargement 1:1.21 (LGL→11" x 17") 1:1.29 (LTR→11" x 17") 1:2.00 (STMT→11" x 17") 1:4.00</p> <p>Copy Ratio: 25 to 400% (in 1% increment)</p>			
Memory Capacity	4 GB			
Hard Disk Capacity	Standard: 250 GB Maximum: 1 TB (optional)			
Power Source	120 - 127 V AC, 60 Hz, 16 A			
Power Consumption (Depending on the system and conditions of use, these values may differ.)	Maximum Power Consumption 1.8kW or less			
	When the machine is in the Sleep mode 0.8 W or less			
	Typical Electricity Consumption (TEC) rating			
	3.2 kWh	2.5 kWh	2.0 kWh	1.6 kWh
Dimensions (W x L x H)	Without the upright control panel 24 3/8" x 29 1/4" x 37 3/8" (620 x 742 x 950 mm)			
Weight	Approximately 315.3 lb (143 kg) Including the toner bottle			
Installation Space (W x L)	37 1/8" x 29 1/4" (943 mm x 742 mm) (when the multi-purpose tray is extended)			

Table 38 – imageRUNNER ADVANCE C5500 III Print/Copy Speeds

Item		Specification			
		imageRUNNER ADVANCE			
		C5560i III	C5550i III	C5540i III	C5535i III
Copy / Print Speed ⁷⁰	11" x 17"	32	27	22	18
	LGL	34	29	23	21
	LTR	60	50	40	35
	LTRR	36	30	24	23
<p>The copy/print speeds above may not be achieved if the user copies/prints in the conditions below:</p> <ul style="list-style-type: none"> • If different paper types are used at the same time • If different paper sizes are used at the same time • If copying/printing as one- and two-sided documents at the same time. For example, the main document is copied/printed as one-sided, and the cover and sheet insertions are copied/printed as two-sided while bookbinding. <p>For detailed Print Speed Tables See the imageRUNNER ADVANCE C5500 III Service Manual or Customer Expectations Document.</p>					

Table 39 – Feeder Specifications

Item	Specifications
Type	Printer separated, Stream feed (Feeder), No stream (Reader)
Original Feeding Mechanism	Automatic Document Feeder
Size and Weight of Originals	<p>Size Maximum: 12" x 17" (304.8 x 431.8 mm) Minimum: 5" x 5 1/2" (128 x 139.7 mm)</p> <p>Weight Full Color: 1-sided/2-sided Scanning: 17 lb bond to 58 lb cover (64 g/m² to 157 g/m²)</p> <p>Black-and-White: 1-sided/2-sided Scanning: 13 lb bond to 58 lb cover (50 g/m² to 157 g/m²)</p>
Original Tray Capacity	150 sheets (21 lb bond (80 g/m ²))
Original Scanning Speed (LTR)	<p>Copying (1-sided scanning) 80 ipm (images per minute) (in Black-and-White at 600 x 600 dpi) 60 ipm (in Full Color at 600 x 600 dpi)</p> <p>Copying (2-sided scanning) 150 ipm (in Black-and-White at 600 x 600 dpi) 80 ipm (in Full Color at 600 x 600 dpi)</p> <p>Scanning (1-sided scanning) 80 ipm (in Black-and-White at 300 x 300 dpi) 80 ipm (in Full Color at 300 x 300 dpi)</p> <p>Scanning (2-sided scanning) 160 ipm (in Black-and-White at 300 x 300 dpi) 160 ipm (in Full Color at 300 x 300 dpi)</p> <p>Note: The scanning speed may vary, depending on the scanning mode and original type.</p>

⁷⁰ Except when paper is fed from the Multi-Purpose Tray. Printing performance may not be optimal, depending on the original content and combination of settings. To give priority to the copy speed, select [Text] for [Original Type].

Table 40 – Cassette Feeding Unit-AM1

Item	Specification
Paper Sizes	12"x18", 11"x17", LGL, LTR, LTRR, STMTR, EXEC, and Custom size (3 7/8" x 5 1/2" to 12 5/8" x 18" (98 x 139.7 mm to 320 x 457.2 mm))
Paper Weight	14 lb bond to 140 lb index (52 to 256 g/m ²)
Paper Types ⁷¹	Thin, Plain 1, Plain 2, Recycled, Color, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Recycled, Color, Pre-punched, Transparency, Bond, Tab, Letterhead, Envelope
Paper Cassette Capacity	Up to C550 sheets x 2 cassettes (21 lb bond (80 g/m ²)) Up to 680 sheets x 2 cassettes (17 lb bond (64 g/m ²))
Power Source / Maximum Power Consumption	From the main unit/Approximately 30W
Dimensions (H x W xD)	Approximately: 9 7/8" x 24 3/8" x 27 5/8" (251 mm x 620 mm x 700 mm)
Weight	Approximately 49.6 lb (22.5 kg)

Table 41 – High Capacity Cassette Feeding Unit-A1

Item	Specification
Paper Sizes	LTR
Paper Weight	14 lb bond to 140 lb index (52 to 256 g/m ²)
Paper Types ⁷¹	Thin, Plain 1, Plain 2, Recycled, Color, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Recycled, Color, Pre-punched, Bond, Letterhead
Paper Cassette Capacity	Up to 2,450 sheets (21 lb bond (80 g/m ²)) Up to 2,850 sheets (17 lb bond (64 g/m ²))
Power Source / Maximum Power Consumption	From the main unit/Approximately 30W
Dimensions (H x W xD)	Approximately: 9 7/8" x 24 3/8" x 27 5/8" (251 mm x 620 mm x 700 mm)
Weight	Approximately 66.1 lb (30 kg)

Table 42 – Paper Deck Unit-F1 Specifications

Item	Specifications
Paper Size	LTR
Weight	14 lb bond to 140 lb index (52 to 256 g/m ²)
Paper Types ⁷¹	Thin, Plain 1, Plain 2, Recycled, Color, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Recycled, Color, Pre-punched, Bond, Letterhead
Paper Deck Capacity	2,700 sheets (21 lb bond (80 g/m ²)) 3,000 sheets (17 lb bond (64 g/m ²))
Power Source/Maximum Power Consumption	From the main unit/Approximately 44 W
Dimensions (W x D x H)	13 1/2" x 24 7/8" x 17 3/8" (344 x 630 x 440 mm)
Weight	Approximately 68.3 lb (31 kg)
Installation Space Including the Main Unit (W x D)	38 1/8" x 29 1/4" (969 mm x 742 mm).

⁷¹ Reference [Registered Paper Types and Weight](#) for the available paper weights.

Table 43 – Inner Finisher-H1

Item	Specification
Number of Trays	1 (2 Optional)
Paper Sizes	Maximum: 12 5/8" x 18" (320 x 457.2 mm) Minimum: 3 7/8" x 5 1/2" (98 x 139.7 mm)
Paper Weight	14 lb bond to 110 lb cover (52 g/m ² to 300 g/m ²)
Paper Types ⁷¹	Thin, Plain1, Plain2, Heavy 1, Heavy 2, Heavy 3, Color, Recycled, Pre-Punched, Transparency, Tracing, Tab, Letterhead, Labels, bond, Coated, Envelope
Capacity per Tray (@ 20 lb bond)	<p>Upper Tray (Tray B) No finishing set, Collate, and Group mode: 45 sheets (or 1/4" (5.2 mm) in height)</p> <p>Lower Tray (Tray A) No finishing set, Collate, and Group mode:</p> <ul style="list-style-type: none"> LTR, EXEC, STMT, and STMTR: 500 sheets (or 2 1/8" (52 mm) in height) 12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, and LTRR: 250 sheets or height 1" (26 mm) With different paper sizes: 250 sheets or height 1" (26 mm) <p>Collate + Offset and Group + Offset mode:</p> <ul style="list-style-type: none"> LTR, EXEC: 500 sheets (or 2 1/8" (52 mm) in height) 11" x 17", LGL, LTRR: 250 sheets or height 1" (26 mm) <p>Staple (Corner/Double) mode:</p> <ul style="list-style-type: none"> LTR and EXEC: 30 sets or height 2 1/8" (52 mm) 11" x 17", LGL, and LTRR: 30 sets or height 1" (26 mm) <p>Staple (Staple-Free) mode:</p> <ul style="list-style-type: none"> LTR: 30 sets or height 2 1/8" (52 mm) 11" x 17": 30 sets or height 1" (26 mm)
Staple	<p>Maximum Stapling Capacity</p> <p>Staple (Corner/Double):</p> <ul style="list-style-type: none"> LTR and EXEC: 50 sheets (24 lb bond (90 g/m²)) 11" x 17", LGL, and LTRR: 30 sheets (24 lb bond (90 g/m²)) <p>Staple (Staple-Free):</p> <ul style="list-style-type: none"> 11" x 17" and LTR: 5 sheets (14 to 17 lb bond (52 to 64 g/m²)) 4 sheets (18 to 21 lb bond (65 to 81 g/m²)) 3 sheets (22 to 28 lb bond (82 to 105 g/m²)) <p>Manual Staple:</p> <ul style="list-style-type: none"> All sizes: 50 sheets (14 lb bond (52 g/m²)) 45 sheets (17 lb bond (64 g/m²)) 40 sheets (20 lb bond (80 g/m²))
Punching (When the inner puncher unit is attached)	<p>Paper Sizes 11" x 17" to EXEC</p> <p>Paper Weight 14 lb bond to 110 lb cover (52 to 300 g/m²)</p> <p>Punch Hole Two/Four Holes or Two/Three Holes</p>
Power Source / Maximum Power Consumption	From the main unit/Approximately 40 W
Dimensions (W x D x H) (when the auxiliary tray is extended)	Approximately 18 3/8" x 20 5/8" x 8 7/8" (466 x 525 x 225 mm)
Weight	Approximately 18.3 lb (8.6 kg)
Installation Space (WxD)	42" x 29 1/4" (1066 x 742 mm)

⁷¹ Reference [Registered Paper Types and Weight](#) for the available paper weights.

Table 44 – Staple Finisher-Y1 Specifications

Item	Specifications
Paper Sizes	Maximum: 12 5/8" x 18" (320 x 457.2 mm) Minimum: 3 7/8" x 5 1/2" (98 x 139.7 mm)
Paper Weight	14 lb bond to 110 lb cover (52 to 300 g/m2)
Paper Type	All the paper that can be fed
Capacity Per Tray	<p>Upper Tray (Tray B) No finishing set, Collate, Group mode: LTR, EXEC, STMT, and STMTR: 250 sheets (or 1 7/8" (47 mm) in height) 12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, and LTRR: 125 sheets (or 1" (24 mm) in height) Collate + Offset, Group + Offset mode: LTR and EXEC: 250 sheets (or 1 7/8" (47 mm) in height) 11" x 17": 125 sheets (or 1" (24 mm) in height) With different paper sizes: 125 sheets (or 1" (24 mm) in height)</p> <p>Lower Tray (Tray A) No finishing set, Collate, and Group mode: LTR, EXEC, STMT, and STMTR: 3,000 sheets or height 16 5/8" (423 mm)*2 12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, and LTRR: 1,500 sheets or height 8 1/2" (216 mm) With different paper sizes: 1,500 sheets (or 8 1/2" (216 mm) in height) Collate + Offset and Group + Offset mode: LTR, EXEC: 3000 sheets or height 16 5/8" (423 mm)*2 11" x 17", LGL, LTRR: 1500 sheets or height 8 1/2" (216 mm) Staple (Corner/Double): LTR and EXEC: 200 sets/total 3,000 sheets (or 16 5/8" (423 mm) in height) 11" x 17", LGL, and LTRR: 100 sets/total 1,500 sheets (or 8 1/2" (216 mm) in height) Staple (Staple-Free): LTR: 200 sets 11" x 17": 100 sets</p> <p>Inner Tray (Tray C) 100 sheets (21.7 lb bond (81.4 g/m²))</p>
Staple	<p>Maximum Stapling Capacity Staple (Corner/Double): LTR and EXEC: 50 sheets (24 lb bond (90 g/m2)) 11" x 17", LGL, and LTRR: 30 sheets (24 lb bond (90 g/m2)) Staple (Staple-Free): 11" x 17" and LTR: 5 sheets (14 to 17 lb bond (52 to 64 g/m2)) 4 sheets (17.3 to 21.7 lb bond (65 to 81.4 g/m2)) 3 sheets (21.7 to 28 lb bond (81.5 to 105 g/m2)) Manual Staple: All sizes:50 sheets (24 lb bond (90 g/m2))</p>

Table 44 – Staple Finisher-Y1 Specifications Continued

Item	Specifications
Punch (When the puncher unit is attached)	Paper Sizes Two/Three Holes: Maximum: 11" x 17" Minimum: EXEC Paper Weight 14 lb bond to 110 lb cover (52 to 300 g/m ²) Punch Hole Two/Three Holes
Dimensions (W x D x H) (When the auxiliary tray is extended)	25 1/8" x 24 1/2" x 45" (637 mm x 623 mm x 1,142 mm)
Weight	Approximately 68.3 lb (31 kg)
Installation Space Including the Main Unit (W x D)	62 3/8" x 29 1/4" (1,585 x 742 mm) (when the auxiliary tray is extended)

Table 45 – Booklet Finisher-Y1 Specifications

Item	Specifications
Paper Sizes	Maximum: 12 5/8" x 18" (320 x 457.2 mm) Minimum: 3 7/8" x 5 1/2" (98 x 139.7 mm)
Paper Weight	14 lb bond to 110 lb cover (52 to 300 g/m2)
Paper Type	All the paper that can be fed
Capacity Per Tray	<p>Upper Tray (Tray B) No finishing set, Collate, Group mode:</p> <ul style="list-style-type: none"> • LTR, EXEC, STMT, and STMTR: 250 sheets (or 1 7/8" (47 mm) in height) • 12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, and LTRR: 125 sheets (or 1" (24 mm) in height) <p>Collate + Offset, Group + Offset mode:</p> <ul style="list-style-type: none"> • LTR and EXEC: 250 sheets (or 1 7/8" (47 mm) in height) • 11" x 17": 125 sheets (or 1" (24 mm) in height) • With different paper sizes: 125 sheets or (1" (24 mm) in height) <p>Lower Tray (Tray A) No finishing set, Collate, and Group mode:</p> <ul style="list-style-type: none"> • LTR, EXEC, STMT, and STMTR: 3,000 sheets or height 16 5/8" (423 mm)*2 • 12" x 18", 12 5/8" x 17 11/16", 11" x 17", LGL, and LTRR: 1,500 sheets or height 8 1/2" (216 mm) • With different paper sizes: 1,500 sheets (or 8 1/2" (216 mm) in height) <p>Collate + Offset and Group + Offset mode:</p> <ul style="list-style-type: none"> • LTR, EXEC: 3000 sheets or height 16 5/8" (423 mm)*2 • 11" x 17", LGL, LTRR: 1500 sheets or height 8 1/2" (216 mm) <p>Staple (Corner/Double):</p> <ul style="list-style-type: none"> • LTR and EXEC: 200 sets/total 3,000 sheets (or 16 5/8" (423 mm) in height) • 11" x 17", LGL, and LTRR: 100 sets/total 1,500 sheets (or 8 1/2" (216 mm) in height) <p>Staple (Staple-Free):</p> <ul style="list-style-type: none"> • LTR: 200 sets • 11" x 17": 100 sets <p>Inner Tray (Tray C) 100 sheets (21.7 lb bond (81.4 g/m²))</p> <p>Booklet Tray</p> <ul style="list-style-type: none"> • 25 sets (14 to 28 lb bond (52 to 105 g/m2), up to 5 sheets) • 15 sets (14 to 28 lb bond (52 to 105 g/m2), 6 to 10 sheets) • 10 sets (Other)
Staple	<p>Maximum Stapling Capacity</p> <p>Staple (Corner/Double):</p> <ul style="list-style-type: none"> • LTR and EXEC: 50 sheets (24 lb bond (90 g/m2)) • 11" x 17", LGL, and LTRR: 30 sheets (24 lb bond (90 g/m2)) <p>Staple (Staple-Free):</p> <ul style="list-style-type: none"> • 11" x 17" and LTR: 5 sheets (14 to 17 lb bond (52 to 64 g/m2)) 4 sheets (17.3 to 21.7 lb bond (65 to 81.4 g/m2)) 3 sheets (21.7 to 28 lb bond (81.5 to 105 g/m2)) <p>Manual Staple:</p> <ul style="list-style-type: none"> • All sizes: 50 sheets (24 lb bond (90 g/m2))

Table 44 – Staple Finisher-Y1 Specifications Continued

Item	Specifications
Punch (When the puncher unit is attached)	Paper Sizes Two/Three Holes: Maximum: 11" x 17" Minimum: EXEC Paper Weight 14 lb bond to 110 lb cover (52 to 300 g/m ²) Punch Hole Two/Three Holes
Saddle Stitch/Fold	Maximum Saddle Stitching Capacity: 20 sheets (14 to 21.7 lb bond (52 to 81.4 g/m ²)) 10 sheets (21.7 to 28 lb bond (81.5 to 105 g/m ²)) 5 sheets (29 to 40 lb bond (106 to 150 g/m ²)) 4 sheets (56 to 77.3 lb cover (151 to 209 g/m ²)) 3 sheets (77.7 to 80 lb cover (210 to 220 g/m ²)) Maximum Saddle Folding Capacity: 3 sheets (14 to 28 lb bond (52 to 105 g/m ²)) 1 sheet (29 lb bond to 140 lb index (106 to 256 g/m ²)) Paper Sizes: 12" x 18" to 7 3/4" x 10 5/8" (304.8 x 457.2 mm to 195 x 270 mm)
Dimensions (W x D x H) (When the auxiliary tray is extended)	Approximately 25 1/8" x 24 1/2" x 45" (637 mm x 623 mm x 1,142 mm)
Weight	Approximately 125.7 lb (57 kg)
Installation Space Including the Main Unit (W x D)	62 3/8" x 29 1/4" (1,585 x 742 mm) (when the auxiliary tray is extended)

Table 46 – Inner 2Way Tray-J1 Specifications

Item	Specifications
Paper Sizes	Max: 12 5/8" x 18" (320 x 457.2 mm) Min: 3 7/8" x 5 1/2" (98 x 139.7 mm)
Paper Weight	14 lb bond to 110 lb cover (52 to 300 g/m ²)
Paper Type	All the paper that can be fed
Capacity	Lower Tray (Tray A): 250 sheets (21.3 lb bond (80 g/m ²)) (When LTR or smaller size paper is used.) Upper Tray (Tray B): 100 sheets (21.3 lb bond (80 g/m ²))
Dimensions (W x D x H)/	Approximately 16 13/16" x 16 1/16" x 3" (427 x 407 x 76 mm)/
Weight	Approximately 1.3 lb (0.6 kg)

Table 47 – Copy Tray-J2 Specifications

Item	Specifications
Paper Sizes	Max: 12" x 18" (304.8 x 457.2 mm) Min: 5 1/2" x 7 1/8" (139.7 x 182 mm)
Paper Weight	14 lb bond to 80 lb cover (52 to 220 g/m ²)
Paper Type	Thin, Plain, Recycled, Color, Pre-Punched, Bond, Heavy 1 to 5, tab, and letterhead
Capacity	100 sheets (21.3 lb bond (80 g/m ²)) (When LTR or smaller size paper is used.)
Dimensions (W x D x H)	Approximately 10 1/8" x 14 3/4" x 3 7/8" (258 x 373 x 97 mm)
Weight	Approximately 1.1 lb (0.5 kg)
Installation Space Including the Main Unit (W x D)	42" x 29 1/4" (1,067 x 742 mm) (when the auxiliary tray is extended)

Table 48 – Copy Card Reader-F1 Specifications

Item	Specifications
Available Cards	Magnetic
Card Readout Method	Magnetic readout
Magnetic Card Reading Direction	Face up
Store/Replay	Replay
Power Source	From the main unit
Dimensions (W x L x H)	3 1/2" x 3 13/16" x 1 5/8" (88 x 96 x 40 mm) (excluding the attachment kit and cable)
Weight	Approximately 7.1 oz (200 g) (including the attachment kit and cable)

Table 49 – Super G3 Fax Board-AS2 Specifications

NOTE: Specifications remain the same even when the Super G3 2nd Line Fax Board-AS2 or Super G3 3rd/4th Line Fax Board-AS2 is installed.

Item	Specifications
Telephone Line Used	Public Switched Telephone Network (When using an IP telephone service, facsimile communication may not be performed normally via an IP telephone line. It is recommended to use facsimile communication via a general telephone (Public Switched Telephone Network) line.)
Scan Line Density (Scan Transmission)	Normal: 8 pels (Picture elements (pixels).)/mm x 3.85 line/mm Fine: 8 pels/mm x 7.7 line/mm Super-Fine: 8 pels/mm x 15.4 line/mm Ultra-Fine: 16 pels/mm x 15.4 line/mm
Transmission Speed	Super G3: 33.6 kbps G3: 14.4 kbps
Compression Method	MH, MR, MMR, and JBIG
Transmission Type	Super G3 and G3
Sending Original Sizes	11" x 17"
Receiving Paper Sizes	11" x 17" to STMTR
Transmission Times	JBIG: Approximately 2.6 seconds

Table 50 – System Environment

Item	Specifications
WSD Scan	Windows 7 SP1 Windows 8 Windows 8.1 Windows 10
System requirements for the Remote UI	Windows Windows Vista SP2 □ Internet Explorer 9 and later Windows 7/8.1/10 □ Internet Explorer 11 and later Mac OS (Operating System): Mac OS X 10.7 Lion and later Web Browser: Safari 5.1 and later Note: Before changing the settings of the machine, set your Web browser to enable all cookies and use JavaScript.
Compatible mail forwarding server software	Microsoft Exchange Server 2007 SP3 Microsoft Exchange Server 2010 Microsoft Exchange Server 2013 Lotus Domino R7.0 Sendmail 8.14.4
Compatible mail receiving server software	Microsoft Exchange Server 2007 SP3 Microsoft Exchange Server 2010 Microsoft Exchange Server 2013 Lotus Domino R7.0 Qpopper 4.0.19
File servers available as destinations for file transmission	FTP/FTPS (UFP 3.10 and above) Windows Vista SP2, Windows Server 2008 SP2: Internet Information Services 7.0 Windows 7, Windows Server 2008 R2 SP1: Internet Information Services 7.5 Windows 8, Windows Server 2012: Internet Information Services 8.0 Windows 8.1, Windows Server 2012 R2: Internet Information Services 8.5 Mac OS X 10.9/10.10/10.11 Solaris 10 Red Hat Linux 9 Windows (SMB) Windows Vista SP2 Windows 7 Windows 8 Windows 8.1 Windows 10 Windows 2003 Server R2 SP2 Windows Server 2008 Windows Server 2008 R2 SP1 Windows Server 2012 Windows Server 2012 R2 Mac OS X 10.9/10.10/10.11 Red Hat Linux 9
File servers available as destinations for file transmission	WebDAV Windows Vista SP2, Windows Server 2008 SP2: Internet Information Services 7.0 Windows 7, Windows Server 2008 R2 SP1: Internet Information Services 7.5 Windows 8, Windows Server 2012: Internet Information Services 8.0 Windows 8.1, Windows Server 2012 R2: Internet Information Services 8.5 Mac OS X Server 10.9/10.10/10.11, Solaris 10, Red Hat Linux 9

Table 50 – System Environment Continued

Item	Specifications
Windows servers allowed for accessing	SMB server Windows Server 2008 Windows Server 2008 R2 Windows Server 2012 WebDAV server Windows Server 2008: IIS7.0 Windows Server 2008 R2: IIS7.5 Windows Server 2012: IIS8.0
Client computers allowed for accessing the Advanced Box	Windows Vista Windows 7 Windows 8 Windows 8.1 Windows 10
Types of LDAP servers	Windows Server 2003 R2 SP2 with Active Directory Windows Server 2008 SP2 with Active Directory Windows Server 2012 with Active Directory Windows Server 2012 R2 with Active Directory Lotus Notes Domino R7 and later
System requirements for the User's Guide	Windows Internet Explorer 9 and later Microsoft Edge Firefox 38 and later Firefox ESR 38 and later Chrome 45 and later (Online browsing only) Mac OS Safari 8 and later Firefox 38 and later Chrome 45 and later (Online browsing only) iOS Safari (iOS 6.0 and later) Android Chrome 45 and later (Online browsing only)

Table 51 – Send Function (Push Scan)

Item	Specifications
Type	Color Scanner
Maximum Original Scanning Size	11 3/4" x 17" (297 x 432 mm)
Resolution for Scan	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
Scanning Speed	See the feeder specifications.
Interface	1000 Base-T/100 Base-TX/10 Base-T (IEEE 802.3 compliant)
Protocol Supported	SMB, FTP, FTPS (UFP 3.10 and above), SMTP, WebDAV
Output Format	Single-Page TIFF (MMR)/JPEG/PDF/XPS/OOXML (PowerPoint, Word) (optional) Multi-Page TIFF (MMR)/PDF/XPS/OOXML (PowerPoint, Word) (optional)

Table 52 – Send Function (Internet/Intranet Fax)

Item	Specifications
Communication Protocol	Internet FAX SMTP (send)/POP3 (receive) Intranet FAX SMTP (send/receive)
Communication Mode	Simple mode, Full mode
Maximum Original Size	11" x 17"
Resolution	Black-and-White 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi*, 300 x 300 dpi*, 400 x 400 dpi*, 600 x 600 dpi* Color 100 x 100 dpi*, 200 x 200 dpi*, 300 x 300 dpi*, 400 x 400 dpi*, 600 x 600 dpi* *Note: Available depending on settings of the other party (capability setting of the receiving machine).

Table 53 – Network Environment Wired LAN Specifications

Item	Specifications
Network Interface	10Base-T/100Base-TX/1000Base-T (RJ-45)
Protocol Supported	TCP/IP Frame type: Ethernet II Print applications: LPD/Raw/IPP/IPPS/FTP/FTPS (UFP 3.10 and above), WSD/Mopria/Google Cloud Print/AirPrint/Windows10 Mobile Print AppleTalk Frame type: Ethernet SNAP Print application: PAP (Printer Access Protocol)

Table 54 – Network Environment Wireless LAN Specifications

Item	Specifications
Standard	IEEE 802.11g, IEEE 802.11b, IEEE 802.11n
Transmission Scheme	DS-SS System, OFDM System, Half Duplex
Frequency Range	2,412 to 2,472 GHz
Maximum Radio-Frequency Power Transmitted	18.21 dBm
Communication Mode	Infrastructure Mode Access Point Mode
Security	Infrastructure Mode 128/64 bit WEP WPA-PSK (TKIP/AES-CCMP) WPA2-PSK (TKIP/AES-CCMP) Access Point Mode WPA2-PSK (AES-CCMP)
Connection Method	WPS (Wi-Fi Protected Setup), Manual setup

Table 55 – Printer Settings

Item	Specifications
Operating Modes	Auto, PS, PCL, XPS, Imaging, and PDF
Resident Fonts	<p>PCL: 93 Roman, 10 Bitmap fonts, 2 OCR fonts, Andalé Mono WT J/K/S/T*1 (Japanese, Korean, Simplified and Traditional Chinese) , Barcode fonts**</p> <p>PS: 136 Roman</p> <p>Notes: * Requires the optional PCL International Font Set-A1 ** Requires the optional Barcode Printer Kit-D1</p>
Printable Area	<p>PCL5c and PCL6: Reduced to 3/16" (4.2 mm) from the top, bottom, left, and right edges of the paper.</p> <p>PostScript 3: Reduced to 3/16" (4 mm) from the top, bottom, left, and right edges of the paper.</p> <p>When printing in the Expand Print Region and Print mode, the upper margin becomes 3/16" (4 mm), the lower margin becomes 1/8" (2.5 mm), and the side margins both become 1/8" (2.5 mm). The printable area is enlarged.</p> <p>When an original has data that extends all the way to the edges, even if you select [Expand Print Region and Print], the periphery of the data may be cut off when printing. In this case, specify the reduction ratio in the printer driver so that data is not cut off, and perform printing again.</p>

Table 56 – Advanced Box Functions

Item	Specifications
Storage Capacity	<p>Standard: 16 GB Maximum: 480 GB (optional)</p>
Maximum Path Length	256 characters
Maximum Number of Files a Single Directory Can Hold	1000 (including folders)
Maximum Number of Files the Advanced Space Can Hold	100,000 (including folders)
Maximum Capacity per File	2 GB
Number of Clients Allowed for Accessing	<p>SMB: 64 WebDAV: 3</p>
Client OS	Windows Vista/Windows 7/Windows 8/Windows 8.1/Windows 10

Table 57 – ImagePASS-P2

Item	Specifications
Platform	E300
Code Base	FS200
OS	Linux
CPU	Intel Celeron G1820, 2.7GHz, 2cores
Standard Memory	2 GB (2GB x 1) DDR3-1333MHz
Optional Memory	N/A
Hard Disk Drive	500 GB SATA, 2.5 inch.
Optical Disc Drive	N/A
LED	Diagnosis: 7-SEGMENT
Video board IF	PCIe
Video IF	DDI-07 (Open IF)
Ethernet port to LAN	10Base-T/100Base-TX/1000Base-T
Ethernet port to engine	1000Base-T
Token Ring	Not supported
Network Protocol	AppleTalk, TCP/IP, IPSec, Certificate Management
PDL	PS3 CPSI 3020
Font (Roman model)	PS Fonts 136 fonts
Font (Kanji model)	PS Fonts 136 fonts, 2 fonts for Kanji model (Ryumin –Light, Gothic BBB-Medium)
Supported Engine	MN-CNT Up to 02.84 (V3.2) , Up to 10.23 (V3.3)
GUI (FACI-Kit)	N/S
Size (W x D x H)	Approximately 11 1/4" x 3 5/8" x 11 5/8" (28.5cm x 9.3cm x 29.5cm)
Weight	Approximately 9.4 lb (4.3 kg)

C. Canon imageRUNNER ADVANCE C5560i/C5550i/C5540i/C5535i Series Limited Warranty

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CONDITIONS OF WARRANTY

Defective parts must be returned to Canon or an Authorized Service Provider with all necessary documentation and will become the property of Canon.

THIS WARRANTY APPLIES TO PRODUCTS SOLD AND USED IN THE U.S.A. AND CANADA ONLY.

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