CANON SOLUTIONS AMERICA

imagePRESS C1+II

REFINED

MORE CON

COLOR CONSISTENCY

INTEGRATE WITH DESKTOP COLOR MANAGEMENT SOLUTIONS

Introducing the fast, versatile imagePRESS C1+II color digital printing system.
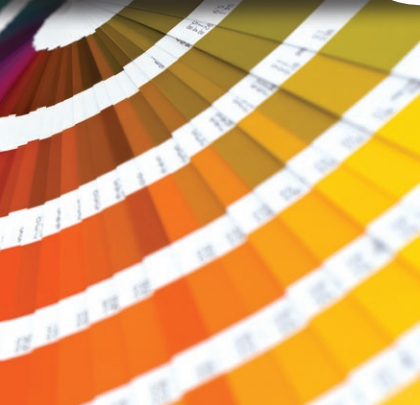
Some years ago, the Canon imagePRESS C1+ color digital printing system first brought affordable clear toner capability to operations outside the big print houses. It was an innovation that gave ad agencies, graphic design studios, in-house design and production departments, short-run packagers, and other creative professionals the power to print varnish-enhanced output. Whether it was proofs, comps, presentation pieces, samples, or even short production runs right in-house, the imagePRESS C1+ helped save time and the expense of outsourcing.

Moreover, the imagePRESS C1+ has allowed designers to create stunning varnish effects on a wide variety of paper weights and textures. It has also enabled precision color matching capabilities previously difficult to achieve in-house.

Now, Canon has built on this proven platform to bring you even more with the next generation of this amazing creative tool—the imagePRESS C1+II. More control. More flexibility. More color management capability. More bundled accessories, like EFI's Fiery Graphic Arts Package, Premium Edition and X-Rite's i1 spectrophotometer. And, especially, *more speed*. In fact, the imagePRESS C1+II delivers processing speeds that are up to **22% faster** than its predecessor.

In addition, the imagePRESS C1+II is packed with a host of new features that enable you to tap into its power to create stunning effects even more efficiently—so you can see your ideas brought to life even faster and easier, right in-house.

And best of all, you get all these new features, greater control, enhanced color management capability, and valuable accessories at a price point well within the budgets of even smaller operations. With the Canon imagePRESS C1+II, it's easy to deliver more to your clients while helping to boost your bottom line.

TROL

SEE YOUR IDEAS FASTER

PROFESSIONAL TOOLS

X-Rite i1 SPECTROPHOTOMETER

GET THE JOB DONE RIGHT

Packaged with innovative tools to expand the possibilities even further.

Amazing capabilities PLUS premium third-party products help make the imagePRESS C1+II a truly outstanding value.

Professional Tools to Get the Job Done Right!

A favorite among high-end graphics professionals, Graphic Arts Package, Premium Edition delivers a slew of expert-level color management tools that can help you achieve the most impressive results every time, enabling powerful proofing capabilities, optimized workflow with accurate simulations, and predictable and consistent color results.

Configurable Auto-Trapping capabilities
Provides control over trapping values, without adversely impacting RIP performance.

ImageViewer
Enables color wheel editing per page; exports raster file to PDF for offline proofing; allows zooming in up to 3,200 percent, right down to dot cell level; and more.

Halftone Simulation
Delivers the capability to customize screen frequency per color, plus define custom screening functions when generating halftones, helping ensure optimal quality.

Automatic Preflight
Helps reduce costly errors, while detailed postflight diagnostic reports help to quickly get to the root of unexpected results.

X-Rite i1 Spectrophotometer

The latest version of the spectrophotometry system that's become the industry standard, the X-Rite i1 Spectrophotometer is frequently touted in the market as the most accurate and user-friendly device of its kind. Winner of the 2013 iF Product Design Award and The Red Dot award in product design, the X-Rite i1 Spectrophotometer allows users to easily scan nearly any object—from proof sheet to favorite shirt—to quickly compute LAB values and convert them instantly to accurate CMYK printer data. This cutting-edge device comes standard with the imagePRESS C1+II when an imagePRESS server is connected.

NEW CAPABILITIES

YOU'RE IN CONTROL

Greater control for even greater results.

New features give you even more power to get the job done—beautifully.

Create on the go

The new imagePRESS C1+II can support direct mobile printing from Apple® products such as the iPad®* and iPhone®*, so you can send your work right to processing, without necessitating a trip to your workstation.**

More flexible interface

The imagePRESS C1+II with the imagePRESS Server Z1 pushes the envelope when it comes to user experience and incorporating a number of small, powerful tweaks. Together, they deliver a big leap in everyday ease of use, so you can better unleash your creativity.

Proof Print

With Proof Print capability, you can now print a single copy of any job, without changing the copy count in the job. This enables you to do last-minute checks on the fly and confirm that the finished project is just as you envisioned it.

Job Server Presets

Server administrators can save common settings in a "template"-type format, so that everyone working on the project has them instantly available.

VDP Enhancements

The device delivers a host of refinements for variable-data printing (VDP). For example, new levels of PostScript® optimization allow the RIPping of repeated elements once, increasing the speed of processing. The new PDF/VT file format is fully supported, and variable data can be applied without the need to modify the source documents.

Command WorkStation®

Command WorkStation delivers a host of new ease-of-use features, including the ability to edit some elements of a job in-line, without returning to the Job Properties screen. Similarly, you can now apply server presets right from the hold queue, and more.

 * Compatible with all models of the iPad and iPhone. Requires iOS 4.2 or later.

** Wireless printing requires a working network with wireless 802.11 b/g or 802.11n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.

COLOR

COLOR PRECISION

VIBRANT OUTPUT

True colors, ensured by innovative color technology.
Now you can achieve precise, vibrant color—on every project.

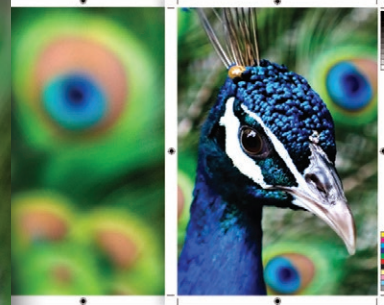### State-of-the-art V-Toner and innovative delivery technology.

The print quality of the imagePRESS C1+II starts with Canon's unique V-Toner (Vivid Color). Specially developed for the imagePRESS digital production printing system, the exclusive oil-free V-Toner is pulverized to an extremely fine 5.5 micron particle size. The tiny particle size enables the tight management of color saturation, providing a wider gamut of hues that can be reproduced with maximum accuracy.

The system delivers outstanding color matching capabilities, even reliably duplicating precise corporate brand colors. And innovative imagePRESS technology helps ensure that colors remain consistent, from design to proof to final production, job after job.
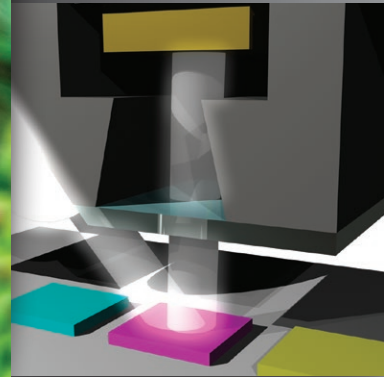
The proprietary V-Toner also includes micro-dispersed wax and pigment components within the toner particles. These work to improve melting performance in the fusing process. Combined with Canon's innovative belt fusing technology, the toner is applied smoothly and consistently, even on coated media. In addition, the belt and roller assembly strategically operate at a carefully controlled lower temperature, working to help minimize the threat of blistering and unwanted shifts in tone.

IMAGE QUALITY

OUTSTANDING RESULTS

ADVANCED TECHNOLOGY

Consistent, predictable, reproducible excellence.
The best-looking images on paper—every time.

Remarkable, near-offset image quality
The groundbreaking gloss optimization feature built into the imagePRESS C1+II analyzes and adjusts the melting point of toner, according to the glossiness of the media. This helps to ensure compelling, vibrant color with a stunning sense of depth that delivers breathtaking results nearly indistinguishable from quality offset printing.

The imagePRESS C1+II uses a twin-beam red laser system to produce true, razor-sharp 1200 x 1200 dpi resolution, allowing you to create crisp, highly defined text and eye-catching, finely-detailed images.

Greater color control
The imagePRESS C1+II puts even greater control of color selection in your hands, with a host of improvements that make it even easier to generate outstanding, visionary results.

Image Enhance Visual Editor
This provides more detailed settings, allowing users to make finer adjustments. You can easily control saturation and definition, providing the capability to independently saturate skin tone and non-skin tone regions as well as enhance the local contrast of colors. In addition, users can now override automated color profile procedures to print pure primaries when desired.

RGB Overprints
A new toggle offers the ability to correctly render PDF files with transparent elements overlapping RGB elements. It's now faster and easier to measure the white point of paper to help increase the accuracy of color of the final product.

Easier to maintain color excellence
The imagePRESS C1+II provides several new features to help ensure that color quality and consistent operation is maintained page to page and project to project. For example, maintaining precise calibration is significantly easier than before. The software guides users through the process, and calibration sets can be created to perform on many different stocks, saving time and helping to ensure timely performance. The imagePRESS C1+II even provides status, warnings, and alerts to encourage regular calibration.

CREATIVITY

Bring your vision to life.

Design stunning visual effects, and see them within minutes.

Clear toner for fast, easy varnish effects

With the imagePRESS C1+II, clear toner is at your fingertips. You can create stunning, clear-coat varnish effects like gloss, matte, metallic, reverse coating, and watermarks—and produce them beautifully to near-offset quality, right in-house.

This amazing technology helps you expand your creative palette and add visual texture to any design. Whether subtlety highlighting key spots in a piece or going for a bolder statement, you can get your vision across clearly and distinctly, and with less worry about costs and timetables.

And, best of all, with the imagePRESS C1+II, you can design your ideas and see the real world results in minutes, with the varnish effects beautifully in place. This lets you develop your ideas quicker and more accurately *and* gives you the ability to communicate your vision effectively to colleagues and clients.

With the imagePRESS C1+II system's new flexible, user-friendly interface, it's easier than ever to apply clear toner exactly where and how you want it. Simply use the spot color function in your design application to choose the percentage of coverage you desire. You can individually place the effect on any number of independent locations on the page, or, with a click, instantly cover whole subsets, such as text, graphics, photographs, spot colors, or an entire page. You can even tweak last-minute placement decisions in the printing stage using the imagePRESS Server Z1, rather than going back to the design stage.

FLEXIBILITY

CHOOSE YOUR PAPER

VERSATILE OUTPUT

Conception to completion, easier than ever.

Speed and flexibility help you focus on what's important.

imagePRESS Server Z1

The Canon imagePRESS C1+II, teamed with the powerful new imagePRESS Server Z1, is a truly top of the line combination built for high-end graphic design firms, ad agencies, in-house production departments, and other professionals looking to create the highest quality work every time on every project. Giving users significantly faster speeds and unprecedented control over the formidable color management and production-quality capabilities of the imagePRESS C1+II, the imagePRESS Server Z1 is the uncompromising choice for power users that demand the best possible results for themselves and their clients.

Spec the paper you want

The right paper can be the key to bringing your creative vision to life, and the imagePRESS C1+II helps ensure that you have the widest range of possibilities. This digital system delivers outstanding paper handling versatility, accepting media along a wide range of sizes, thicknesses, and compositions. It also features an advanced image transfer belt system that helps ensure precise movement of every paper, including coated, textured, and thicker stocks.

The device supports papers of all kinds, including stocks with high rag content to premium gloss-coated and textured stocks to Bond paper, up to 140 lb. Index. With paper loading up to 13" x 19.2", you can proof large pages on a single sheet or create striking point-of-purchase displays. Scored, die cut, or otherwise pre-perforated paper is no problem, and even labels can be clear varnished and handled effortlessly.

SUSTAINABILITY

OUTSTANDING DE-INKABILITY

TONER RECYCLING PROGRAM

Conservation throughout the product life cycle.

Canon maximizes resource efficiency while contributing
to a society that practices sustainable development.

A comprehensive approach

From research and developement to design to manufacturing, Canon aims to control the impact its products have on the environment. It follows energy-efficient manufacturing processes, uses recycled materials, works to eliminate hazardous substances, and improves the energy efficiency of its products. With the Canon Color imagePRESS Series, you can feel good that you're operating your business in a more sustainable manner.

Recycled media

Some recycled paper stocks* can be printed on the imagePRESS digital press, making it easy to find a stock that will meet customer requirements for both printing and sustainability. This is becoming increasingly important as companies implement sustainability policies for printed materials.

Media recycling and de-inkability

Independent tests from INGEDE give the Color imagePRESS Series a de-inkability score of 98, indicating an excellent ability to remove the toner from printed pages.

RoHS compliance

Like other Canon products, the imagePRESS digital press is compliant with RoHS (Restriction of Hazardous Substances) regulations and is also designed for complete recycling when it reaches end of its life.

Consumables

Consumables don't include any VOCs or other harmful or toxic substances. All toner bottles are recyclable and recycling programs are available for customers who don't have appropriate local facilities.

*See your Canon Authorized Dealer for a list of approved recycled media.

	imagePRESS Server Z1
Printer Compatibility	imagePRESS C1+II
Software Version	Fiery System 10
Command WorkStation	Version 5.4
Operating System	Windows 7 Professional FES (x64)
CPU	Intel Pentium Processor E5300 2.6GHz
Ports	5 USB Ports 2 Ethernet Ports
Color Measurement Device (Standard)	X-Rite i1 Spectrophotometer
Adobe PDF Print Engine	Standard
SeeQuence Impose	Optional
SeeQuence Compose	Optional
Graphic Arts Package, Premium Edition (GAPPE)	Standard
Graphic Arts Package	Included in Premium Edition
Removable Hard Disk	Optional
Fiery JDF	Standard
Fiery Spot-On	Standard
Fiery GUI Kit (Mouse, Keyboard, LCD Monitor)	Optional
Integrated Stand	Optional

Utilize the imagePRESS C1+II to its full potential with professional services from Canon Solutions America

Whether your business is large or small, remaining competitive in the global economy means you need to concentrate on what makes you successful—your core business. When selecting and implementing new technology, a highly skilled technical team is the difference-maker for a successful deployment.

Canon Solutions America has the team of experts you need to help you acquire the right technology, solutions, and services for your organization. From pre-sales analysis to post-sales support, our team of technical professionals draws upon decades of technical expertise and real-world experience to ensure you obtain the maximum benefit from your technology investment.

MAIN UNIT

Technology:	Laser Electrostatic Transfer System
Developing System:	Dry Dual Component Developing System Auto Carrier Refresh
Acceptable Originals (MFP and Copier Model):	Sheets, Books, 3-Dimensional Objects (Up to 4.4 lb./2 kg)
Max. Original Size:	11" x 17" (Ledger)
Copy/Print Sizes	
Cassette-Feeding:	Executive, Statement-R, Letter-R, Letter, Legal, 11" x 17", 12" x 18", 13" x 19"
Stack Bypass:	3-5/16" x 5-7/8" to 13" x 19" (100 mm x 148 mm to 330 mm x 483 mm)
Magnification	
Preset Reduction:	25%, 50%, 61%, 70%, 81%, 86%
Preset Enlargement:	115%, 122%, 141%, 200%, 400%
Zoom Mode:	25% - 400% (Between 25% and 400%, in 1% Increments)
Copy/Print Speeds (Letter):	Up to 14 ppm (Color)/Up to 60 ppm (B/W and Clear Only)
First-Copy Time:	7.6 Seconds (B/W), 14.1 Seconds (Color)
Warm-Up Time:	11 Minutes 40 Seconds Max. After Powering On (68°F/20°C) 11 Minutes 40 Seconds From Sleep Mode
Image Server Memory:	80 GB HDD + 1.5 GB RAM
Mail Box Features	
Max. Mail Boxes Supported:	100 User Inboxes
Max. Stored Documents:	1,500 per Inbox
Max. Stored Pages:	3,000 Pages with Full Color 6,000 Pages with B/W
Resolution	
Scanning:	600 x 600 dpi
Printing:	1200 x 1200 dpi (Continuous Tone)
Halftone:	256-Level Grayscale
Copy Exposure:	Automatic or Manual (9 Levels)
Paper-Feeding	
Standard:	550 Sheets Paper Drawers x 4 (2,200 Sheets: 20 lb. Bond/80gsm) Stack Bypass (100 Sheets: 20 lb. Bond)
Optional:	Paper Deck-AA1/AB1 (3,500 Sheets: 20 lb. Bond)
Acceptable Paper Weights	
Cassettes:	17 lb. Bond to 110 lb. Index (64 gsm to 209 gsm) and Transparency
Stack Bypass:	17 lb. Bond to 140 lb. Index (64 gsm to 256 gsm) and Transparency
Duplexing	Standard Automatic Trayless Duplexing
Multiple Copies:	1 to 999
Power Source:	120 V AC, 60 Hz (From Main Engine)
Power Plugs:	15 A, 20 A (Total Two Plugs for Main Unit)
Dimensions (H x W x D)	
(Printer/Reader, w/o UI):	41-3/8" x 33-5/8" x 35-5/8" (1042 mm x 855 mm x 898 mm)
(Printer/Reader, with UI):	58-1/8" x 52-3/4" x 35-3/8" (1476 mm x 1339 mm x 898 mm)
Weight (Printer/Reader):	Approximately 694 lb. (315 kg)
Toner (Est. Yield @ 10% Coverage of Area)	
CMYK:	16,000 Impressions/Bottle
Clear:	31,500 Impressions/Bottle - 1 Pass 22,500 Impressions/Bottle - 2 Pass

ACCESSORIES

Color Image Reader-H1 (Standard on MFP Model)

Image Sensor:	CCD
Originals:	Sheets, Books, 3-Dimensional Objects Up to 4.4 lb. (2kg)
Document Size:	Statement to 11" x 17" (139.7 mm x 9.7 mm to 297 mm x 432 mm)
Light Source:	Xenon Tube
Resolution:	600 x 600 dpi, 256 Gradations
Productivity:	Up to 80 ipm (300 dpi), Up to 50 ipm (600 dpi)
Power Source:	From Main Engine
Dimensions (H x W x D)	
(Excluding Document Feeder):	4-1/8" x 28-7/8" x 23-1/2" (105 mm x 732 mm x 595 mm)
Weight (Excluding Document Feeder):	Approximately 38.5 lb. (17.5 kg)

DADF (Duplexing Automatic Document Feeder)-R1*

Tray Capacity:	100 Sheets
Scanning Speed:	Up to 80 Sheets per Minute (Letter)
Acceptable Original Sizes:	Statement to 11" x 17"
Acceptable Paper Weight:	13 lb. Bond to 80 lb. Cover (50 gsm to 216 gsm)
Dimensions (H x W x D):	5-5/8" x 25-1/2" x 22-3/8" (143 mm x 646 mm x 569.5 mm) (Excl. Document Output Tray)
Weight (Excluding Output Tray):	Approximately 47.3 lb. (21.5 kg)

Side Paper Deck-AA1**

Paper Capacity:	3,500 Sheets (20 lb. Bond)
Paper Size:	Letter, Letter-R, Legal, 11" x 17", 12" x 18", 13" x 19"
Paper Weight	
Non-Coated Media:	17 lb. Bond to 140 lb. Index (64 gsm to 256 gsm)
Coated Media:	28 lb. Bond to 140 lb. Index (106 gsm to 256 gsm)
Dimensions (H x W x D):	22-1/2" x 23-5/8" x 24-1/2" (570 mm x 601 mm x 621 mm)
Weight:	Approximately 112.4 lb. (51 kg)

Side Paper Deck-AB1

Paper Capacity:	3,500 Sheets (20 lb. Bond)
Paper Size:	Letter
Paper Weight:	17 lb. Bond to 110 lb. Index
Dimensions (H x W x D):	22-5/8" x 12-7/8" x 23" (574 mm x 326 mm x 583 mm)
Weight:	Approximately 68.3 lb. (31 kg)

Finisher-AA1 and Saddle Finisher-AA2

Number of Trays:	3 Trays
Tray Capacity	
Non-Collate Mode	
Tray A:	250 Sheets (Letter, Statement-R, Executive) 125 Sheets (Legal, Letter-R, 11" x 17", 12" x 18", 13" x 19")
Tray B:	1,300 Sheets (Letter, Statement-R, Executive) 650 Sheets (Legal, Letter-R, 11" x 17", 12" x 18", 13" x 19")
Tray C:	2,450 Sheets (Letter, Executive) 1,700 Sheets (Statement-R) 650 Sheets (Legal, Letter-R, 11" x 17", 12" x 18", 13" x 19")
Collate and Group Mode***	
Tray B:	1,300 Sheets (Letter, Executive) 650 Sheets (Legal, Letter-R, 11" x 17")
Tray C:	1,700 Sheets (Letter, Executive) 650 Sheets (Legal, Letter-R, 11" x 17")
Staple Mode***	
Tray B/C:	1,300 Sheets/100 Sets (Letter, Executive) 650 Sheets/50 Sets (Legal, Letter-R, 11" x 17")
Max. Stapling Capacity Corner/Double:	50 Sheets (Letter, Executive) 30 Sheets (Letter-R, Legal, 11" x 17")
Saddle-Stitching (Saddle Finisher-AA2 Only)†	
Acceptable Paper Sizes:	Letter-R, Legal, 11" x 17", 12" x 18"
Capacity/Tray:	1 to 5 Sheets/25 Sets 6 to 10 Sheets/15 Sets 11 to 15 Sheets/10 Sets
Max. Stapling Capacity/Set:	15 Sheets
Folding:	V-Fold
Dimensions (H x W x D):	43-3/8" x 25-1/2" x 25-7/8" (1102 mm x 646 mm x 656 mm)
Weight	
Finisher-AA1:	Approximately 106.9 lb. (48.5 kg)
Saddle Finisher-AA2:	Approximately 158 lb. (71.5 kg)
Attachable Accessories:	Puncher Unit-M1

Puncher Unit-M1

(Option for Finisher-AA1/Saddle Finisher-AA2)***	
Max. Paper Weight:	17 lb. Bond to 140 lb. Index (64 gsm to 256 gsm, 106 gsm to 256 gsm for Coated Media)
Paper Sizes	
2-Hole:	Letter-R, Legal, Executive
3-Hole:	Letter, 11" x 17"
Punch Method:	Sequential Processing System (One Sheet at a Time)
Punch Dust Stock:	3,000 Sheets
Power Source:	From Main Unit
Dimensions (H x W x D):	32-3/4" x 4-1/4" x 24-1/4" (833 mm x 107 mm x 614.8 mm)
Weight:	Approximately 15.4 lb. (7 kg)

Color UFR II/PCL/PS Printer Kit-P2

Processor:	Canon Dual Custom Processors (Shared)
RAM:	1.5 GB (Shared)
Hard Disk:	80 GB (Shared)
PDL Support:	UFR II, PCL 5e, PostScript 3 Emulation
Std. Interface Connections:	10/100 Base-T (RJ-45), USB (2.0)
Network OS:	Windows 2000/XP/Windows Vista®/ Windows Server 2003/2008/Mac® OS X/ Citrix Metaframe

Color Universal Send Kit-G1

Color Mode:	Auto Color Select (Full Color/Grayscale) Auto Color, Select (Full Color/B/W), Full Color, Grayscale, B/W
Address Book Capacity:	Max. 1,800 Destinations (Includes 200 One-Touch Buttons), Max. 5 LDAP Servers
Sending Methods:	E-Mail, I-Fax, SMB, File Server, (FTP, IPX, WebDAV), User Inbox
Communication Protocol	
File:	FTP (TCP/IP), SMB (TCP/IP), NCP (IPX), WebDAV
E-Mail/I-Fax:	SMTP, POP3, I-FAX (Simple, Full)
Data Format	
File, E-mail:	TIFF, JPEG, PDF, PDF (Compact)†† PDF (Trace & Smooth)††, PDF (OCR)††, Encrypted PDF, Digital Signature PDF (Device▲, User▲▲)
I-Fax:	B/W: TIFF (MH, MR, MMR) Color: TIFF (Profile-C)

Additional Accessories

- Access Management System Kit-A2
- ADF Access Handle-A1▲▲▲
- Barcode Printing Kit-A1
- Braille Label Kit-E1
- Card Reader-C1△
- Card Reader Attachment-E1
- Cassette-AE1
- Digital User Signature PDF Kit-A1△△
- Document Tray-J1
- Encrypted Secure Print Software-C1■
- HDD Data Encryption Kit-B1■■
- HDD Data Encryption Kit-B6■■
- HDD Data Erase Kit-C1♦
- imagePRESS Server Z1♦♦
- imageWARE Suite
- Key Switch Unit-A2

- Platen Cover Type K♦♦♦
- Remote Operators
Software Kit-B1
- Secure Watermark-A1
- Staple Cartridge-D2
- Staple Cartridge-J1
- Stack Bypass Tray-B1
- Universal Send PDF
Advanced Feature Set-A1△△
- Universal Send PDF
Security Feature Set-A1△△
- Voice Guidance Attachment-B1
- Voice Guidance Kit-B1▫
- Web Access Software-E1■
- Workflow Composer-B4

* Power Supply Unit-S1 (for imagePRESS C1+) is included.
** Requires power outlet independently.
*** Up to 11" x 17"
† Up to 12" x 18"
†† When configured on the imagePRESS C1+, requires Universal Send PDF Advanced Feature Set-A1.
▲ When configured on the imagePRESS C1+, requires Universal Send PDF Security Feature Set-A1.
▲▲ When configured on the imagePRESS C1+, requires Digital User Signature Kit-A1.
▲▲▲ Requires DADF-R1.
△ Requires Card Reader Attachment-E1.
△△ Requires the Color Universal Send Kit-G1.
■ Cannot be installed with the imagePRESS Server Z1.
■■ Check which HDD is equipped on the Marking Engine.
♦ HDD Data Encryption Kit-B1 is required for installation.
♦♦ Check with your local Canon Authorized Dealer for availability.
♦♦♦ Cannot be installed with the DADF-R1.
▫ Voice Guidance Attachment-B1 is required for installation.

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