Canon

imagePRESS® C1+
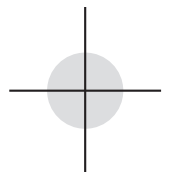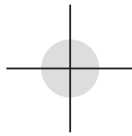
imagePRESS® C1+

CRAFTMANSHIP IN COLOR—INTRODUCING THE imagePRESS C1+ COLOR DIGITAL PRINTING SYSTEM

Introducing the Canon imagePRESS C1+ color digital printing system, the first color device with clear toner for the light production and proofing market. Designers seeking the highest color expectations for digital proofing will immediately identify the visual difference with the Canon imagePRESS C1+ color digital printing system. Exceptional color with calibration tools for industry profiles, showcase vivid, vibrant colors. This press is equipped with color management tools to work with industry standards to realize vivid, vibrant, true-to-production prints.

Whether creating logos or designing ad campaigns, from concept to presentation, the imagePRESS C1+ color digital printing system provides a comprehensive proof that accurately and consistently extends your ability to communicate effectively and with impact.
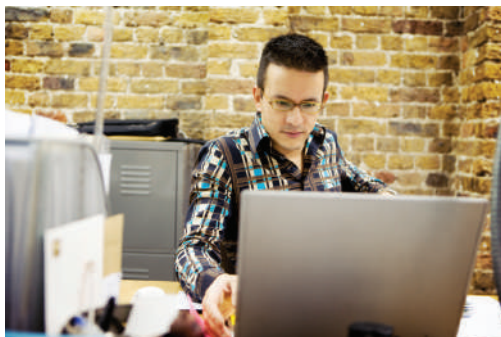
Based on the same architecture as the acclaimed Canon imagePRESS C1 digital print system, the imagePRESS C1+ color digital printing system continues to produce the highest quality color proofs, layouts, and graphic imagery–now with the added feature of clear toner to offer exciting new possibilities for design. Clear toner lets you add visual "texture" to any layout.

The imagePRESS C1+ color digital printing system is perfect for graphic artists and creative services professionals looking for a cost-effective way to add value and introduce new features to their designs. Additionally, the imagePRESS C1+ color digital printing system is suited for corporate environments wanting to add a watermark design to their documents which can be printed with clear toner.
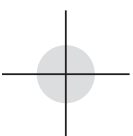
The imagePRESS C1+ color digital printing system's large color gamut and smooth toner coverage, together with its ease-of-use and low cost, allow for artists and designers to create ideas that preserve their craft and offer exciting new means to showcase their visual communication skills.

- **Remarkable image quality** at true 1200 x 1200 dpi resolution enables you to produce details that are crisp and clear. Solid and halftone colors are consistent from page to page.

- **Media versatility** with the Media Library manages a wide array of paper stocks that provides a tool for insuring that the substrate selection and the press are aligned to ensure the highest quality on the greatest variety of media.

- **Innovative digital color** can sustain industry tolerances and specifications. This press makes meeting the rigorous demands of graphic artists easier to reach while staying within your budget.

With printing speeds of up to 14 pages per minute (ppm) in color, up to 60 ppm in black and white, and up to 40 ppm in clear (only), your color-critical design concepts can be printed with a complete color workflow, including industry-standard color management tools. The imagePRESS C1+ color digital printing system allows you to translate your concepts into full-color representations for your clients and their target audiences.

POWERFUL CREATIVE TOOLS

NEW DIMENSIONS IN CREATIVE POWER...CLEAR TONER

The introduction of this amazing technology provides new visual texture treatments to the creative market. From subtle delicate suggestions to bold elements, these effects can impact your craft and your message to market. Your ideas are now able to transcend, representing ideas with colors and affecting the light texture of a concept.

You can also simulate traditional analog coating methods in the design and approval phases of your projects. Creating concepts that distinguish your craft will help set work apart so your clients can see the power behind your team to create visual ideas that sell.

Through the use of clear-coat technology, the imagePRESS C1+ color digital printing system can add watermarks to documents for added security. Using clear toner you can apply watermarks to highlight security, without taking away from the printed piece.
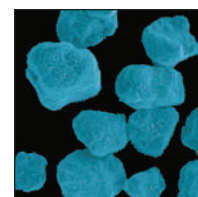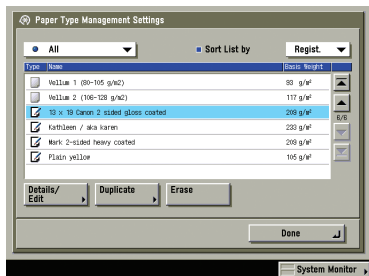
V TONER

With V Toner, prints are more vivid and bright colors pop off the page, while gradient shadows and skin tones are progressive and smooth. Fine line details are crisp and clear because the V Toner has average 5.5 micron micro-dispersed wax-based construction coupled with oil-free fusing. The result is digital color prints that clearly communicate messages without the raised toner appearance that was recognizable as a copier print. Toner lays down smoothly and evenly, creating prints that look and feel consistent with offset work. Your clients will be pleased with the new concepts you've developed, and all your logos, designs, and campaigns can be properly executed to your standards. With confidence that you're saying what you want to say, you can create marketing materials for both internal proofing and client presentations.

Toner Cartridges

V Toner

Media Library

PAPER IS PART OF THE MESSAGE…

Key with the imagePRESS C1+ color digital printing system is the ability to provide unique paper management with the Media Library. Standard with 37 pre-programmed descriptions and the ability to customize 200 more, the imagePRESS C1+ color digital printing system doesn't limit your choices for the tactile component of your message. Flexibility to handle a wide range of media from High Rag contents to premium gloss-coated and textured stocks is built into the core technologies, without being any more complicated for the end-user than choosing the name of the paper from a menu.
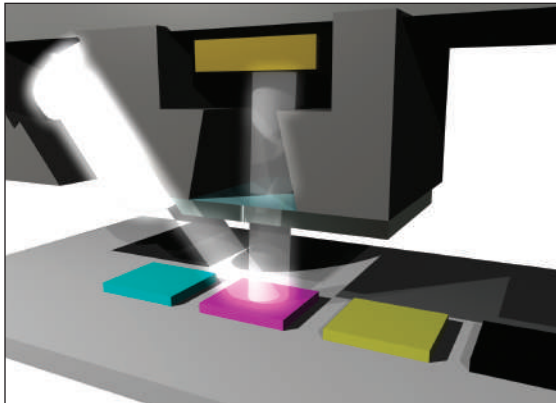
- **Prints on media sizes up to 13" x 19"**

- **Handles media weights from 17 lb. Bond up to 140 lb. Index**

INTEGRATION WITH DESKTOP COLOR MANAGEMENT

Your creative team can feel secure with the imagePRESS C1+ color digital printing system as it seamlessly integrates with all desktop color management solutions, supporting the Adobe® Creative Suite, QuarkXPress™, and other applications. Printer drivers are Macintosh® and Windows® compatible. You can print what you see on your monitor with the imagePRESS C1+ color digital printing system, removing the hassle of outputting multiple prints to check that you get what you want. Through open architecture and cross-platform color management capabilities, color predictability could never be easier.

Automatic Real-Time Calibration

COLOR CONSISTENCY AND COLOR STABILITY

Automatic Real-Time Calibration measures and maintains internal processes to ensure a concept through the proof stage and into final production. The stability and consistency of the imagePRESS C1+ color digital printing systems gives you confidence that your print will be what you intended, time and time again.

GLOSS OPTIMIZATION

The imagePRESS C1+ color digital printing system's ground-breaking Gloss Optimization enables the highest quality color digital output that your team demands. Through three key innovations–particle size, Media Library, and fuser controls–the image you create and the image that's printed match the gloss of the media you print it on. The imagePRESS C1+ color digital printing system delivers color that's visually similar to offset press printed pieces.

- The small toner particle size allows you to tightly manage your color saturation by providing a wider color gamut of hues that can be reproduced with maximum accuracy. The result is that your campaign branding and prototypes match the color profiles, and your message is effectively communicated to your creative team and your clients.

- The Media Library database lets you optimize the toner density page by page, depending on the type of stock you're using. You can program the name, weight, finish, and stock type you most frequently select into your own media database file. This provides maximum productivity and flexibility in printing the widest color gamut possible at all times. The toner will match the media it's printed on.

- Fuser controls in the imagePRESS C1+ color digital printing system utilize the media database to discretely control heat and pressure applied on a media-by-media basis, ensuring the highest quality prints, regardless of the type of paper used. The belt and roller assembly operate at a lower temperature and, therefore, minimize shifts in tone.

Three powerful print controllers to match your current and future needs to your budget

The imagePRESS C1+ color digital printing system offers controllers that are able to cope with a range of jobs–from entry-level graphics and office documents to intensive graphic and variable data files. Three exceptional performance controllers are available for any demanding environment.
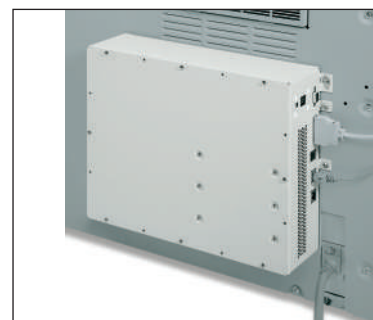

imagePRESS Server Q2 V2

CANON imagePRESS SERVER Q2 V2

The most powerful controller in its class, the imagePRESS Server Q2 V2 offers the highest performance for large graphic-intensive files and color-critical jobs. Built on Microsoft® XPe Platform with an Intel® Pentium® Core™2 Duo E6400 processor, 1GB RAM, and a 160GB hard drive, the Canon imagePRESS Server Q2 V2 is powerful by design to meet growing color demands. Standard on the imagePRESS Server Q2 V2 is the Graphic Arts package which can deliver features such as auto trapping to ensure correct image-to-image registration. Whether using spot or substitute color matching, the imagePRESS Server Q2 V2 can allow accurate representation of brand identity colors. In creative environments utilizing Adobe or Quark desktop layout applications, the imagePRESS Server Q2 V2 utilizes a Spot workflow when creating designs that contain clear toner elements. This allows documents created in both Adobe and Quark to be sent directly to the controller for a seamless workflow.

CANON imagePRESS SERVER T1 V2

This mid-level controller offers many functions into a single, integrated high-performance system. It offers the highest quality color of any embedded solution with an advanced level tool set that includes Spot-On® Color Editor and auto trapping for high-end functionality. Built with Intel Celeron® M 1.5GHz and on a Linux platform, the imagePRESS Server T1 V2 delivers optimum performance for corporate, creative color, and light color production environments. The system also includes 256MB RAM and an 80GB hard drive and supports Adobe PostScript® 3™ and PCL. The imagePRESS Server T1 V2 also has the ability to create clear overlay templates from office applications while facilitating light graphic arts environments.

imagePRESS Server T1 V2

COLOR UFR II/PCL/PS KIT-P2

For non-graphic centric environments that still require high-quality printing and color tools, this controller handles print jobs from Microsoft Office and Acrobat® documents coupled with imageWARE Prepress Manager. It's also a perfect fit for those CRD environments that already have Canon imageRUNNER® and Color imageRUNNER systems with Canon controllers. It supports PCL 5c, PCL 6, and PostScript 3 emulation. Also standard is the Canon proprietary UFR II (Ultra Fast Rendering), which optimizes the power of the client PC as well as the UFR II/PCL/PS Kit-P2 Board. The Color UFR 11/PCL/PS Kit-P2 also has the ability to print clear toner overlay templates through form compositions.

Specifications

imagePRESS® C1+

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./2kg)
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″ (100mm x 148mm to 330mm x 483mm)

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)
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:	80GB HDD + 1.5GB 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 (64gsm - 209gsm) and Transparency
Stack Bypass:	17 lb. Bond to 140 lb. Index (64gsm - 256gsm) and Transparency
Duplexing:	Standard Automatic Trayless Duplexing
Multiple Copies:	1 to 999
Power Source:	120V AC, 60Hz (From Main Engine)
Power Plugs:	15A, 20A (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″ (1042mm x 855mm x 898mm)
(Printer/Reader, with UI):	58-1/8″ x 52-3/4″ x 35-3/8″ (1476mm x 1339mm x 898mm)
Weight (Printer/Reader):	Approximately 694 lb. (315kg)

ACCESSORIES

Color Image Reader-H1

Image Sensor:	CCD
Originals:	Sheets, Books, 3-Dimensional Objects Up to 4.4 lb. (2kg)
Document Size:	Statement to 11″ x 17″ (139.7mm x 139.7mm to 297mm x 432mm)
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″ (105mm x 732mm x 595mm)
Weight (Excluding Document Feeder):	Approximately 38.5 lb. (17.5kg)

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 (50gsm to 216gsm)
Dimensions (H x W x D):	5-5/8″ x 25-1/2″ x 22-3/8″ (143mm x 646mm x 569.5mm) (Excl. Document Output Tray)
Weight (Excluding Output Tray):	Approximately 47.3 lb. (21.5kg)

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 (64gsm to 256gsm)
Coated Media:	28 lb. Bond to 140 lb. Index (106gsm to 256gsm)
Dimensions (H x W x D):	22-1/2″ x 23-5/8″ x 24-1/2″ (570mm x 601mm x 621mm)
Weight:	Approximately 112.4 lb. (51kg)

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″ (574mm x 326mm x 583mm)
Weight:	Approximately 68.3 lb. (31kg)

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″ x18″
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″ (1102mm x 646mm x 656mm)
Weight	
Finisher-AA1:	Approximately 106.9 lb. (48.5kg)
Saddle Finisher-AA2:	Approximately 158 lb. (71.5kg)
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 (64gsm to 256gsm, 106gsm to 256gsm 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″ (833mm x 107mm x 614.8mm)
Weight:	Approximately 15.4 lb. (7kg)

Color UFR II/PCL/PS Printer Kit-P2

Processor:	Canon Dual Custom Processors (Shared)
RAM:	1.5GB (Shared)
Hard Disk:	80GB (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/Gray Scale) 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

- Universal Send PDF Advanced Feature Set-A1▲▲▲
- Universal Send PDF Security Feature Set-A1▲▲▲
- Digital User Signature PDF Kit-A1▲▲▲
- Web Access Software-E1■
- Secure Watermark-A1
- Encrypted Secure Print Software-C1■
- HDD Data Encryption Kit-B1
- Voice Guidance Kit-B1♦
- Remote Operator Software Kit-A2
- HDD Data Erase Kit-A1♦♦
- Platen Cover Type K♦♦♦
- Stack Bypass Tray-B1
- Barcode Printing Kit-A1
- Card Reader Attachment-E1

- Voice Guidance Kit-B1
- Voice Guidance Attachment-B1
- Staple Cartridge-J1
- Staple Cartridge-D2
- Document Tray-J1
- Card Reader-C1●
- Key Switch Unit-A2
- Cassette-AE1
- ADF Access Handle-A1●●
- imagePRESS Server Q2 V2●●●
- imagePRESS Server T1 V2●●●
- Workflow Composer-B4
- Access Management System Kit-A1
- Braille Label Kit-E1
- imageWARE Suite

- * 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 the Color Universal Send Kit-G1.
- ■ Cannot be installed with the imagePRESS Server Q2/T1 V2.
- ♦ Voice Guidance Attachment-B1 is required for installation.
- ♦♦ HDD Data Encryption Kit-B1 is required for installation.
- ♦♦♦ Cannot be installed with the DADF-R1.
- ● Requires Card Reader Attachment-E1.
- ●● Requires DADF-R1.
- ●●● Check with your local Authorized Canon Dealer for availability.

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1-800-OK-CANON
www.usa.canon.com

Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY 11042