Canon

imagePROGRAF®
iPF6200/6100

iPF6200/6100

GRAPHIC ARTS
LARGE-FORMAT PRINTING

Canon imagePROGRAF®
iPF6200/iPF6100
large-format printers

Extraordinary 24"-wide, 12-color
imaging for enthusiasts and experts!

For those who expect more from a large-format printing system, Canon now offers an expanded line-up of 24"-wide, 12-color, high-speed, high-resolution printing solutions, optimized to produce exquisite images for dedicated artisans and demanding professionals alike.

Now you can choose from two high-end, 24"-wide printing systems. Each combines Canon's breakthrough 12-color set of durable LUCIA inks and world renowned printing technologies with enhanced productivity features, enabling both experts and enthusiasts to achieve extraordinary results.

imagePROGRAF iPF6100: Ideal for photography, fine-art reproductions, proofing, and high-end graphic applications, this 12-color system is optimized to meet the needs of photographers, digital artists, and graphics professionals.

imagePROGRAF iPF6200: Equipped with an EFI® Colorproof eXpress RIP and a built-in 80GB hard drive, this 12-color system provides the extra data capacity and control that busy agencies, design groups, and prepress operations require.

iPF**6200/6100**

FEATURES

Canon digital imaging expertise, breakthrough color science, and sophisticated printing technologies are seamlessly integrated to help you achieve magnificent results.

A UNIQUE 12-COLOR INK SET

- This wide gamut ink set produces a brilliant range of vibrant colors, subtle mid-tones, smooth gradients, and fine details.
- Four monochromatic shades deliver dramatic contrast and truer gray tones.

ARCHIVAL LUCIA PIGMENT INKS

- Color-stable, light-fast, and water-resistant
- Specially formulated to reduce graininess, resist scratches, and minimize bronzing

ULTRA-HIGH-QUALITY IMAGING

- High-resolution output, up to 2400 x 1200 dpi with tiny 4pl droplets of ink
- Built-in calibration for consistent, reliable results
- Canon's next-generation—*Kyuanos*®— color management system

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MAXIMUM PRODUCTIVITY

- Two 1.07" print-heads, with a total of 30,720 nozzles
- Built-in 80GB hard drive for data storage, job management, and security (iPF6200 only)
- High-speed output that doesn't sacrifice quality
- Canon's L-COA Image Processor optimizes system performance
- A reliable, worry-free ink system
- Borderless printing reduces trimming and finishing requirements

SOFTWARE SOLUTIONS

- Print Plug-in for Digital Photo Professional
- Print Plug-in for Adobe® Photoshop®
- Print Plug-in for Microsoft® Word/Excel/ PowerPoint®*
- Digital Photo Front-Access
- Canon Printer Driver
- PosterArtist Lite (iPF6200 only)
- EFI Colorproof eXpress (iPF6200 only)
- PosterArtist 2008 (Optional)

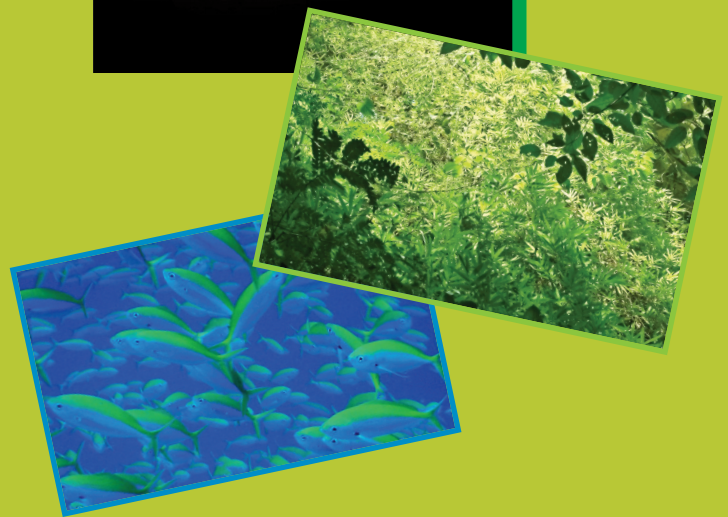* See **www.usa.canon.com/download** for availability.

An unparalleled pallet of colors!

With a 12-color ink set that includes cyan, photo cyan, magenta, photo magenta, yellow, red, green, and blue plus four monochromatic shades—black, matte black, gray, and photo-gray—these printers deliver a broad gamut for greater tonal range and more precise reproduction of color.

- **The 12-color advantage:** Canon's 12-color system enables a wide color gamut with an extraordinary range of depth and tone, empowering you to produce images with vibrant saturated colors, subtle hues, smooth transitions, and deep shadows.
- **Red, Green, and Blue:** These colors expand the color space while significantly improving saturation levels for the additive primary colors.
- **Photo Cyan, Photo Magenta, Gray, and Photo Gray:** These colors help smooth color transitions, reduce graini-ness, and maintain a neutral gray balance for better overall image quality.
- **Four monochromic shades:** A greater black to white tonal range is enabled for more dramatic light to dark contrast and better mid-tone clarity. Black density on coated and uncoated media is optimized because the printer will automatically select the appropriate black ink based on the type of media being used.

ARCHIVAL LUCIA INKS

Canon's specially formulated LUCIA pigment inks have outstanding archival characteristics. By coating each pigment particle with a special polymer compound Canon has increased the ink's resistance to fading and scratching. These specially for mulated inks also improve image quality by reducing graininess and bronzing, so prints look great from every angle.

Built for performance and productivity

At the core of the iPF6100 and iPF6200 printers is the L-COA processor. This is a unique Canon innovation that intelligently directs output data through the dual, high-density print-heads, each with 2,560 nozzles per color for a total of 30,720 nozzles. Each print-head deposits ink on the media with both speed and accuracy. By combining high-speed, precision imaging with superfine 4pl ink droplets and print resolutions up to 2400 x 1200 dpi, these large-format printers are built to efficiently produce a full range of color-rich images and complex graphics demanded by fine art applications and professional photographers.

HIGH-CAPACITY 80GB HARD DRIVE (iPF6200 ONLY)

For busy work groups and production printing environments, Canon offers the iPF6200 model, equipped with an 80GB hard drive that has 30 individual Mail Boxes, support for up to 500 job records, and enhanced security features to help protect sensitive materials. The extra-large hard drive maximizes productivity by relieving the workload from an operator's host computer while providing more capacity for print job data storage and retrieval so multiple copies and reprints can be made without resending the job files.

SYSTEM CALIBRATION—SIMPLIFIED

Unlike the complex and time-consuming calibration normally required in professional settings, these printers offer a simplified process that enables easy recalibration back to the original, optimal factory set-tings across all the printer's media types—in just minutes.

KYUANOS: CANON'S NEXT-GENERATION COLOR MATCHING PLATFORM

Kyuanos is a high-precision color matching engine developed by Canon. This underlying technology supports rich color expression across a wide spectrum of input and out-put formats and enables advanced color management functions such as Ambient Light Adjustment, which optimizes output for more predictable and consistent color perception in the lighting conditions of an intended display location.

iPF**6200/6100**

An array of workflow solutions are available that expand the system's capabilities and simplify its use. These software packages provide the additional tools needed to address the unique requirements of large-format printing applications.

- **Print Plug-in for Adobe Photoshop and Digital Photo Professional** for enhanced image processing
- **Print Plug-in for Microsoft Word/Excel/PowerPoint*** enables easy enlargements from these popular office documents
- **Canon Printer Driver,***† to optimize workflow productivity
- **Digital Photo Front-Access** for file display and easy access to application software
- **EFI Color eXpress software RIP** for a true Adobe PostScript printing and proofing solution (iPF6200 only)
- **PosterArtist Lite (PC Only)** is Canon's template-based poster creation software package (iPF6200 only)

SEAMLESS CAMERA-TO-PRINTER WORKFLOW

Shoot with a Canon EOS Digital SLR camera and take full advantage of the wider Adobe RGB color space enabled by the included software and the 12-color LUCIA ink system.

16-BIT IMAGE PROCESSING

The Print Plug-ins for Adobe Photoshop and Digital Photo Professional support high-bit depth workflows and16-bit image processing to virtually eliminate problems such as banding.

EXTENSIVE RIP SUPPORT

The iPF6200 printer comes equipped with an EFI Color eXpress software RIP. With a simple set-up wizard and intuitive user interface, EFI Color eXpress is designed to enable all levels of users to produce accurate color proofs quickly, easily, and effectively. This software enables color definition according to your operation's specific requirements, includes pre-defined modes for proofing, photo, and mono-chrome output and even supports remote job processing and printing. Other features include nesting, validation printing, one-click spot color handling, and PS compliant as well as the software being PC and MAC compatible.

A wide range of compatible third-party RIPs and software solutions are also available for the iPF6100 and iPF6200 models from approved Canon Alliance Partners. To learn more about the available RIP solutions please visit **http://www.usa.canon.com/alliance**.

* Please see the Specifications page for OS compatibility.
† Please visit **www.usa.canon.com/download** for availability.

Achieve Magnificent Results

Every aspect of these imagePROGRAF printers has been engineered for the production of ultra-high quality large-format images.

PORTRAITS AND PHOTOGRAPHY

A world leader in digital photography, Canon has included with these printers the essential tools and technologies needed to produce exceptional photo enlargements. The Print Plug-ins for Photoshop and Digital Photo Professional enable 16-bit image processing to dramatically improve gradations and image quality. Digital Photo Front-Access is a Canon developed utility to import images from a camera, memory card, USB, or other source and import them into software applications such as PosterArtist and Adobe Photoshop. The system's wide color gamut and durable LUCIA inks reduce graininess, minimize "bronzing" and produce realistic images with richer, deeper tones that will last for years to come.

FINE ART REPRODUCTIONS–GICLÉE

When creating exact reproductions, the imagePROGRAF printer's high-resolution 2400 x 1200 dpi output and precise placement of superfine 4pl droplets of ink mean that museum-quality images can be printed with absolute confidence. The 12-color ink set provides an unprecedented color spectrum to ensure reproductions are faithful to the artist's original.

PROOFING

With high-speed throughput, advanced 12-color imaging, and equipped with an EFI Colorproof eXpress RIP, the iPF6200 printer is an efficient, accurate, and easy-to-use proofing solution. The wide color gamut enabled by the 12-color ink set means that a greater range of colors can be reproduced. The stability of Canon's LUCIA pigmented inks increase the reliability of the proof as the prints will exhibit little or no perceptible color shift. Canon's patented 30,720-nozzle, 2400 x 1200 dpi print-head technology delivers the clear images, smooth transitions, and solid fills required for professional proofing applications.

POSTERS, DISPLAYS, AND MORE

Canon imagePROGRAF printers offer an array of software solutions and print technologies that can expand your range of output options to the full spectrum of professional graphic applications. Canon's template-driven PosterArtist Lite (iPF6200 and PC only) software helps users of all levels to design, import images, edit, and print posters, banners, signs, and more. A wide range of media—including a variety of papers, adhesive-backed materials, and films—make it possible to create a diverse range of large-format applications.

iPF6200/6100

imagePROGRAF®
iPF6200/6100

Print-Head
PF-03

Technology
FINE (Full-photolithography Inkjet Nozzle Engineering)

Configuration
Two Print-Heads (Total 12 Colors)
6 Colors per Print-Head
Print-Head (L) Y/PC/C/PGY/GY/MBK
Print-Head (R) PM/M/BK/R/G/B

Number of Nozzles
2,560 per Color (30,720 Total)

Droplet Size
4 Picoliter

Nozzle Pitch (Head Resolution)
1200 dpi

Print Head Swath
1.07 inch

Print Resolution (Max.)
2400 x 1200 dpi

Ink Type
LUCIA Ink (Pigment-based)

Ink Tank
PFI-101 (C, M, Y, PC, PM, R, G, B)
PFI-103 (BK, MBK, GY, PGY)

Colors
Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Gray, Photo Gray, Red, Green, Blue

Ink Tank Capacity
Starter (Packaged with a Printer): 90ml per Color
Replacement: 130ml per Color

Ink Supply Method
Tubing System

Nozzle Recovery System
Non-firing Nozzle Detection and Compensation

Printer Controller
L-COA Controller

Printer Memory
384MB

Hard Disk Capacity
80GB (iPF6200)

Media Feed
Roll Feed: One Roll, Front Output
Top-Loading Manual Feed: One Sheet, Front Output
Front-Loading Manual Feed: One Sheet, Front Output

Media Width
8"–24" (Cut Sheet and Roll)

Minimum Media Length
Top-Loading Manual Feed: 11.0" (279mm)
Front-Loading Manual Feed: 13.8" (350mm)
Roll Feed: 8" (203mm)

Maximum Print Length
Manual Feed (Top): 62" (1.6m)
Manual Feed (Front): 36" (914mm)
Roll Feed: 59 Feet (18m)*

Borderless Printing Width (Roll Media Only)
10" (254mm), B4 (257mm), A3+ (329mm), 14" (356mm), 16" (407mm), A2 (420mm), A2+/17" (432mm), B2 (515mm), A1 (594mm), 24" (610mm)

Media Cutter
Built-in Durable Rotary Blade

Printer Stand
Standard

Media Thickness
Top-Loading Manual Feed
0.07mm-0.8mm (2.8mil-31.4mil)
Front-Loading Manual Feed
0.5mm-1.5mm (19.6mil-59.0mil)
Roll Feed
0.07mm-0.8mm (2.8-31.4mil)

Media Core Sizes
2" or 3" Core (with Supplied Adapter)

Printable Margins
Manual Feed (Top/Front)
Leading and Left/Right Edges: 0.12" (3mm), Trailing Edge, Top Feed: 0.12" (3mm) Except Art Paper; Top Feed (Art Paper): 0.90" (23mm); Front Feed: 0.90" (23mm)
Roll Feed
All Sides: 0.12" (3mm) or 0" for Borderless

Maximum Media Roll Outer Diameter
5.9" (150mm)

Bundled Software
Printing Software
Canon Printer Driver, Print Plug-in for Photoshop**, Print Plug-in for DPP***, Printer Driver Extra Kit**** (Free Layout, imageRUNNER® Linking Function)
Applications
EFI Colorproof eXpress (iPF6200 Only)
PosterArtist 2008 Lite (iPF6200 Only),
Digital Photo Front-Access
Utilities
imagePROGRAF Status Monitor (Windows®), Print Monitor (Macintosh®), Media Configuration Tool, Remote UI

Printer Language
GARO (Canon Proprietary)

Operating System◆
Windows (2000, XP, Windows Vista® 32/64 bit)
Macintosh OS X (10.2-10.4.9, 10.5)

Interface
Standard
USB 2.0 High-Speed
10/100Base-T/TX
Optional
IEEE1394 (FireWire®) (iPF6100 Only)

Acoustic Noise
Operation 49dB or Less

Power Supply
AC 100-120V (50-60Hz)

Power Consumption
Maximum: 100W or Less
Standby: 6W or Less
Power Off: Less than 1W (compliant with executive order)

Certifications
UL, FCC Class B, ENERGY STAR®

Operational Environment
Temperature: 59–86 F° (15–30 C°)
Relative Humidity: 10–80% (No Condensation)

Dimensions with Stand (H x W x D)
39.1" x 46.3" x 35.2"

Weight
Approx. 146 lb. with Stand
(Excludes Ink Tank and Print-Heads)

Package Dimensions/Weight (H x W x D)
35.2" x 52.0" x 36.0"/228 lb.

User-Replaceable Items
Print-Head (PF-03)
Maintenance Cartridge (MC-16)

Options
iPF6100
IEEE1394 Expansion Board (EB-05)
Roll Holder Set (RH2-24)
Roll Holder Set (RH-25)
PosterArtist 2008 (PC Only)
iPF6200
Roll Holder Set (RH-25)
PosterArtist 2008 (PC Only)

* The maximum printable length varies depending on the application, OS, and RIP used. The maximum printable length from Printer Driver 2008 is 50 feet.
** For Adobe Photoshop 6, 7, CS, CS2, CS3 running on Windows 2000/XP/Vista (32 bit) or Macintosh OS X 10.2/10.3/10.4/10.5
*** For Digital Photo Professional version 2.1 or later running on Windows 2000/XP/Vista (32 bit) or Macintosh OS X 10.2/10.3/10.4/10.5
**** Not compatible with Windows 64-bit OS
◆ For imagePROGRAF Printer Driver 2008. For printing from PostScript applications such as Adobe Illustrator or QuarkXPress, please use a PostScript compatible RIP package. For a list of Canon recommended RIP packages, please consult with Canon Alliance and Industry Market program list of RIP vendors.

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1212AR-6200/6100-10M-LCR

PRINTED ON RECYCLED
PAPER IN THE U.S.A.

LUCIA ink

L-COA

FINE
Full-photolithography Inkjet
Nozzle Engineering

ALWAYS ASK FOR CANON GENUINE PARTS & SUPPLIES

ENERGY STAR