

Canon

CANON SOLUTIONS AMERICA

 imagePROGRAF

imagePROGRAF Full-Line Brochure

Whatever your needs, Canon has the large-format solution.



fine art
photography
proofing



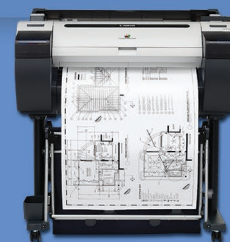
production
signage



infographics
posters



technical documents
general use



scan-to-print/file/edit/share
technical documents



 CANON SEE IMPOSSIBLE

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A Family of Solutions

Canon's imagePROGRAF large-format printing solutions.

Canon Innovation in Everything We Do.

As a worldwide innovation leader for over 70 years, Canon has a legacy of cultivating breakthrough technologies. Our expertise in the areas of science, engineering, and manufacturing has produced world-leading imaging solutions and consistent placement among the top U.S. patent holders of the decade.

This corporate culture of technological innovation drives us to produce an ever-expanding range of large-format printing solutions, each one carefully crafted to address specific customer needs in each market segment we serve. As a result, the imagePROGRAF family has grown into a broad array of solutions that offer our customers more features, functions, and options than ever before.

Today, the line of imagePROGRAF large-format printers is at the forefront of the industry. Specialized customer solutions and applications range from fine art and photography to production printing, and from technical documents to general purpose poster making.

Inside every imagePROGRAF large-format printing system are proprietary Canon technologies configured to meet the unique needs of our customers, with each seamlessly integrated to enhance performance and optimize results.

Some of the leading Canon technologies behind the success and popularity of imagePROGRAF large-format printers include:

- Canon's high-speed, super-efficient L-COA processor
- Large 1.07", ultra-high-density print-heads manufactured with Canon's proprietary FINE (Full-photolithography Ink-jet Nozzle Engineering) technology
- A calibration function for Graphic Arts and Production printers
- Durable, vibrant LUCIA EX and LUCIA pigment inks for 12-color, 8-color, and 6-color printing systems
- A Reactive Ink technology that improves image clarity and durability for the 5-color printers
- Easy-to-use software and workflow solutions designed to address unique large-format printing requirements and expand our customers' capabilities

Read on for information about the complete line-up of Canon imagePROGRAF large-format printing systems.



Color Management and Control

COLOR ACCURACY

Color Accuracy refers to a device's ability to not only reproduce colors the same way every time, but also ensure that the color's output is, in fact, the color that's required in the image. The imagePROGRAF **iPFx400** and **iPFx400S** series of printers include an upgraded, built-in multi-sensor designed to offer even more precise **calibration and color matching**. Automatic color calibration is finished quickly after a few simple steps on the printer's operation panel. A single color calibration performed with one type of media can be applied to media in all printing modes.

COLOR CONSISTENCY

Color Consistency is a device's ability to produce and reproduce colors without a shift or change in tone, hue, or density. An image printed on a device that's producing colors consistently will always look the same any time that image is printed on that device on the same media in the same mode. Canon includes the **multi-sensor** to help ensure color accuracy and consistency for a single printer when more than one is being used in a printing environment.

COLOR CALIBRATION MANAGEMENT CONSOLE

The Color Calibration Management Console (CCMC) allows for centralized management of networked printers in a system from one easy-to-use software tool. This **unique** feature enables color calibration targets created using the iPF6450 or iPF6400S printer with the optional SU-21 spectrophotometer that can be **linked** across the entire line of iPFx400 or iPFx400S series of imagePROGRAF devices. A printer's administrator can monitor and manage each printer from a remote location. **Linking color calibration** targets among multiple printers allows color calibration for custom media to be performed on printers not equipped with a SU-21 spectrophotometer unit.

OPTIONAL SU-21 SPECTROPHOTOMETER

As an optional add-on to the **iPF6450** and **iPF6400S** printers, the SU-21 spectrophotometer is essential for anyone who's looking for efficiency in the proofing industry. This easy-to-install solution attaches onto the front of the printer and provides the foundation for an advanced color management system.

The SU-21 spectrophotometer device includes:

- A fully automated **mobile carriage** for the sensor, allowing for media of different thicknesses to be loaded and used with this device.
- A **single-piece** backing plate that's unique to Canon's device and has a black and a white side on it.
- User-switchable **UV blocking filter** that can be switched on and off according to paper type; no need to purchase individual sensors for each stock.
- Scan speed of **10 inches per second**.
- The ability to generate color calibration charts is possible for **third-party-media**, allowing users to expand their workflow options.
- Conforms to 2010 **XRGA** measurement standard.



imagePROGRAF iPF6450 shown

12-Color: Graphic Arts Printers

Built for professionals who appreciate the difference between ordinary and extraordinary print quality, these imagePROGRAF large-format printers deliver a unique combination of ultra-high-quality imaging, maximum productivity, and a 12-color LUCIA EX or LUCIA ink set capable of producing an extraordinary range of vibrant colors, subtle hues, and deep shadows.

Canon Innovations Inside

PHOTOGRAPHERS AND STUDIOS

- Portrait-quality prints, especially for multi-copy projects where consistency is essential
- Photo enlargements that retain image sharpness, color, and clarity
- Commercial/corporate photography for display

GICLÉE AND FINE ART REPRODUCTION

- Precise replication of paintings and other fine art originals
- Reproductions that require exceptional color accuracy and image resolution

MUSEUM-QUALITY DISPLAYS

- Ultra-high-quality output with durable pigment inks means prints will look great for a long time
- Produce lobby art, atrium banners, exhibit graphics, indoor murals, and more

PROFESSIONAL PRINT MAKERS

- Proofing, including layout proofs, imposition press proofs, and contract proofs
- High-end color prints for presentation comps of packaging and collateral materials
- Specialty applications requiring high-quality image reproduction

ARCHIVAL LUCIA EX INKS AND LUCIA INKS

Canon's specially formulated LUCIA EX and 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 formulated inks also improve image quality by reducing graininess and bronzing—so prints look great from every angle.

ENGINEERED FOR EXCELLENCE

The high-speed L-COA controller channels output through two one-inch print-heads, each with 2,560 nozzles per color for a total of 30,720 nozzles. Superfine 4 pl ink droplets and print resolutions of up to 2400 x 1200 dpi produce the delicate color gradation and the high-definition expression required by fine art applications and professional photographers.

SYSTEM CALIBRATION—SIMPLIFIED

Unlike the complex and time-consuming calibration normally required in professional settings, Canon offers a simplified process that enables easy recalibration back to the original, optimal factory settings across all the printers' media types.

12-Color

GRAPHIC ARTS PRINTERS

Uncompromised Creative Expression



**imagePROGRAF
iPF9400**



**imagePROGRAF
iPF8400**

MSRP*	\$11,995	\$5,995
Output Width	60" Wide	44" Wide
Number of Inks	12	12
Color Set	Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Green, Blue, Black, Matte Black, Gray, Photo Gray	Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Green, Blue, Black, Matte Black, Gray, Photo Gray
Ink Type	LUCIA EX Pigment Inks	LUCIA EX Pigment Inks
Ink Tank Size	330 ml/700 ml	330 ml/700 ml
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200
Total Number of Nozzles	30,720	30,720
Ink Droplet	Consistent 4 pl	Consistent 4 pl
Maximum Print Speed (1200 x 1200 dpi on Plain Paper)	399 square feet/hour [†]	315 square feet/hour [†]
Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper)	82 square feet/hour [†]	66 square feet/hour [†]
Software/Utilities/Applications ☒ = included ☐ = optional	☒ Canon Printer Driver ☒ Print Plug-in for Adobe® Photoshop® ☒ Print Plug-in for Digital Photo Professional ☒ Print Plug-in for Microsoft Office ☒ Gallery Wrap Feature ☒ Accounting Manager (PC only) ☒ Color Calibration Management Console ☒ Adjustment Pattern Setting ☒ Remote User Interface ☒ Media Configuration Tool ☐ PosterArtist (PC only) ☐ Third-Party RIPs	☒ Canon Printer Driver ☒ Print Plug-in for Photoshop ☒ Print Plug-in for Digital Photo Professional ☒ Print Plug-in for Microsoft Office ☒ Gallery Wrap Feature ☒ Accounting Manager (PC only) ☒ Color Calibration Management Console ☒ Adjustment Pattern Setting ☒ Remote User Interface ☒ Media Configuration Tool ☒ Poster Artist Lite (PC only) ☐ PosterArtist (PC only) ☐ Third-Party RIPs
Special Features	• Built-in Printer Calibration • Up to 60" Borderless Printing • Sub-Ink Tank System	• Built-in Printer Calibration • Borderless Printing • Sub-Ink Tank System
Printer Memory	640 MB	384 MB
Hard Drive	250 GB	250 GB
Connectivity	☒ USB 2.0: 10/100/1000Base-T/TX	☒ USB 2.0: 10/100/1000Base-T/TX
Operating System	Windows®, [†] Macintosh [†]	Windows, [†] Macintosh [†]

* As of January 2015. Actual prices are set by dealers and may vary.

† OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm); Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit www.usa.canon.com/download for availability.

12-Color

GRAPHIC ARTS PRINTERS

Uncompromised Creative Expression



imagePROGRAF
iPF6450/iPF6400**



imagePROGRAF
iPF5100

MSRP*	\$3,695/\$2,995	\$2,095
Output Width	24" Wide	17" Wide
Number of Inks	12	12
Color Set	Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Green, Blue, Black, Matte Black, Gray, Photo Gray	Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Red, Green, Blue, Black, Matte Black, Gray, Photo Gray
Ink Type	LUCIA EX Pigment Inks	LUCIA Pigment Inks
Ink Tank Size	130 ml [†] and 300 ml	130 ml [†]
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200
Total Number of Nozzles	30,720	30,720
Ink Droplet	Consistent 4 pl	Consistent 4 pl
Maximum Print Speed (1200 x 1200 dpi on Plain Paper)	256 square feet/hour [†]	212 square feet/hour [†]
Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper)	55 square feet/hour [†]	39 square feet/hour [†]
Software/Utilities/Applications ✔ = included ○ = optional	✔ Canon Printer Driver ✔ Print Plug-in for Photoshop ✔ Print Plug-in for Digital Photo Professional ✔ Print Plug-in for Microsoft Office ✔ Gallery Wrap Feature ✔ Remote User Interface ✔ Color Calibration Management Console ✔ Adjustment Pattern Setting ✔ Media Configuration Tool ✔ Accounting Manager (PC only) ✔ PosterArtist Lite ○ PosterArtist (PC only) ○ Third-Party RIPs	✔ Canon Printer Driver ✔ Print Plug-in for Photoshop ✔ Print Plug-in for Digital Photo Professional ✔ Print Plug-in for Microsoft Office ✔ Digital Photo Front-Access ✔ Remote User Interface ✔ Media Configuration Tool ○ PosterArtist (PC only) ○ Third-Party RIPs
Special Features	• Built-in Printer Calibration • SU-21 Spectrophotometer (Option for the iPF6450 only) - Color Measurement Width: 480 mm - Max. Media Thickness: 0.8 mm - XRGa Compliant - ISO 13655 Compliant - User Switchable UV Filter	• Built-in Printer Calibration • Ambient Light Adjustment • Borderless Printing
Printer Memory	384 MB	192 MB
Hard Drive	250 GB (iPF6450 only)	N/A
Connectivity	✔ USB 2.0: 10/100/1000Base-T/TX	✔ USB 2.0: 10/100Base-T/TX ○ IEEE1394 (Firewire)
Operating System	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]

* As of January 2015. Actual prices are set by dealers and may vary. ** Model shown.

† The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

† OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No.5, Output image size: A2 (410 mm x 512.5 mm) for iPF5100, A1 (580 mm x 724.9 mm) for iPF6450/6400. Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit www.usa.canon.com/download for availability.

8-Color: Graphic Arts Production Printers

The imagePROGRAF S-Series production printing systems with Canon's LUCIA EX ink, are Canon's fastest Graphic Arts large-format printers. Available in three sizes—the 24" iPF6400S, 44" iPF8400S, and the 60" iPF9400S—these production-grade print engines are up to 40% faster than any other Canon imagePROGRAF Graphic Arts printer, making them ideal for professionals who need to increase the capacity, productivity, and versatility of their large-format printing services.

Canon Innovations Inside

COMMERCIAL PRINT SERVICE PROVIDERS

- Produce point-of-sale displays, GIS maps, back-lit displays, and special events graphics.
- Take on bigger jobs. High-speed output—up to 891 sq. ft./hr.*—means producing more in less time.
- Get a competitive advantage—the Economy Color Mode reduces ink costs.
- These are also ideal for imposition proofing.

RETAIL QUICK PRINT CENTERS

- No need to make your customers wait—print a large 10 sq. ft. poster in under 3 minutes.*
- Borderless printing reduces trimming requirements.
- Expand your service options with this versatile system that prints on a wide variety of media.

IN-PLANT PRODUCTION CENTERS

- Fast throughput from click to print means you can meet tight deadlines.
- Network-ready, built-in hard drive, and a Remote User Interface with password-protected Mail Boxes mean your internal customers can submit jobs more easily.

MAXIMUM PRODUCTIVITY

With high-speed throughput up to 891 sq. ft./hr.*, built-in hard drive, borderless printing, and other features that maximize productivity, these printers increase overall production capacity and reduce job turnaround time.

COLOR MANAGEMENT AND CONTROL

The S-Series printers give Canon a 24"-60" printer lineup using the same LUCIA EX ink, enhanced multi-sensor and a Color Calibration Management Console application, allowing you to reach a whole new level of color management and uniformity.

LOW-COST OPERATION

The Economy Color Mode, low maintenance costs, and reduced power consumption requirements together help reduce the total cost of operation so print professionals can be more competitive in the marketplace.

RELIABLE, WORRY-FREE INK SYSTEMS

The large 330 ml and 700 ml ink tanks available for the iPF9400S and iPF8400S printers supply a sub-tank system so inks can be replenished on the fly without stopping printing for longer uninterrupted print runs. The 130 ml or 300 ml ink tanks for the iPF6400S** printer can be replaced mid-print without corrupting the image or needing to resend the print file. All models include an ink-level detection system that helps ensure that ink is always available, and a Sub-Ink Tank System to allow for continuous printing without job interruption.

* iPF9400S:1200 x 1200 dpi on plain paper, Fast Mode with Economy option.

** The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

8-Color

GRAPHIC ARTS
PRODUCTION PRINTERS

For Professionals Who Need the *SPEED*



**imagePROGRAF
iPF9400S**



**imagePROGRAF
iPF8400S**



**imagePROGRAF
iPF6400S**

MSRP*	\$9,995	\$4,995	\$2,995
Output Width	60" Wide	44" Wide	24" Wide
Number of Inks	8	8	8
Color Set	Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Black, Matte Black, Gray	Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Black, Matte Black, Gray	Cyan, Photo Cyan, Yellow, Magenta, Photo Magenta, Black, Matte Black, Gray
Ink Type	LUCIA EX Pigment Inks	LUCIA EX Pigment Inks	LUCIA EX Pigment Inks
Ink Tank Size	330 ml and 700 ml	330 ml and 700 ml	130 ml [†] and 300 ml
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200	2400 x 1200
Total Number of Nozzles	30,720	30,720	30,720
Ink Droplet	Consistent 4 pl	Consistent 4 pl	Consistent 4 pl
Print Speed (1200 x 1200 dpi on Plain Paper)	482 square feet/hour [‡]	381 square feet/hour [‡]	293 square feet/hour [‡]
Print Speed Best Quality Mode (2400 x 1200 dpi on Gloss Paper)	120 square feet/hour [‡]	94 square feet/hour [‡]	68 square feet/hour [‡]
Software/Utilities/Applications ✓ = included ● = optional	✓ Canon Printer Driver ✓ Print Plug-in for Photoshop ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Remote User Interface ✓ Color Calibration Management Console ✓ Media Configuration Tool ✓ Accounting Manager (PC only) ● PosterArtist (PC only) ● Third-Party RIPs	✓ Canon Printer Driver ✓ Print Plug-in for Photoshop ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Remote User Interface ✓ Color Calibration Management Console ✓ Media Configuration Tool ✓ Accounting Manager (PC only) ✓ PosterArtist Lite (PC only) ● PosterArtist (PC only) ● Third-Party RIPs	✓ Canon Printer Driver ✓ Print Plug-in for Photoshop ✓ Print Plug-in for Microsoft Office ✓ Direct Print & Share ✓ Remote User Interface ✓ Color Calibration Management Console ✓ Media Configuration Tool ✓ Accounting Manager (PC only) ✓ PosterArtist Lite (PC only) ● PosterArtist (PC only) ● Third-Party RIPs
Special Features	• Built-in Printer Calibration • Economy Color Mode • Sub-Ink Tank System • Up to 60" Borderless Printing	• Built-in Printer Calibration • Fast/Fast Economy Modes • Sub-Ink Tank System • Borderless Printing	• Optional SU-21 Spectrophotometer • Built-in Printer Calibration • Sub-Ink Tank System • Borderless Printing
Printer Memory	640 MB	384 MB	250 MB
Hard Drive	250 GB	250 GB	250 GB
Connectivity	✓ USB 2.0: 10/100/1000Base-T/TX	✓ USB 2.0: 10/100/1000Base-T/TX	✓ USB 2.0: 10/100/1000Base-T/TX
Operating System	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]

* As of January 2015. Actual prices are set by dealers and may vary.

† The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

‡ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm) for iPF9400S and iPF8400S, A1 (580 mm x 724.9 mm) for iPF6400S. Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit www.usa.canon.com/download for availability.

6-Color: Infographics and Poster Printers

These 6-color printers are specifically configured for customers who want simple, affordable printing of posters with vivid, eye-catching colors in the red, orange, and yellow spectrum. Because these customers value low cost, simplicity, and durability over sophistication and color fidelity, Canon focused its development of the iPF SE models on the essentials and optimized the systems for poster printing while keeping costs low. Easy, affordable printing of posters, signs, infographics, presentations, and more.

Canon Innovations Inside

SMALL TO MEDIUM RETAIL STORES

- Retailers of all kinds need to promote their business and attract customers.
- Window signs and in-store displays are an effective means of advertising merchandise and special offers.

LOCAL RESTAURANTS

- Menu boards and signs are used by restaurants to promote sales and inform customers of the available choices.
- To help keep customers coming back, many restaurants offer specials that change daily.

BUSINESS SERVICES

- Businesses that offer professional services and/or trade services also need to promote themselves and attract customers.
- The compact footprint and user-friendly operation of Canon's iPF8400SE and iPF6400SE printers mean that these businesses will find it easier to install and use.

SCHOOLS

- Many schools use posters as a fun and friendly way of keeping students and parents informed. Whether to commemorate a holiday, recognize accomplishments, promote events, enhance a lesson, or sell tickets to a fund-raiser, schools need and want an easy, low-cost solution for poster printing.

SIX (6) LUCIA EX INKS

The newly developed LUCIA EX 6-color pigment ink system—Cyan, Magenta, Yellow, Black, Matte Black, and Red—achieves the vibrant color reproduction required for output of point-of-purchase materials and posters while ensuring high-quality color printing.

This advanced ink formulation delivers vivid, eye-catching colors with superior stability and scratch-resistance. The included Red ink assists in the vibrant printing of red and orange hues, a common occurrence in many point-of-purchase displays and retail posters. This helps provide a huge advantage for creating persuasive, eye-catching posters and displays.

OPTIMIZED FOR PRODUCING POSTERS

The iPF8400SE and iPF6400SE printers come bundled with a variety of poster-making solutions that allow users to quickly and easily produce a wide range of posters for various applications.

POSTERARTIST LITE: INCLUDED!

This easy-to-use, template-based software* for creating posters is included. For users with more advanced poster-making requirements, the full PosterArtist software package is also available. For more information, please visit www.usa.canon.com/posterartist.

* For PCs only.

6-Color

PIGMENT PRINTERS

Ideal for Infographics and Poster Printing



**imagePROGRAF
iPF8400SE**



**imagePROGRAF
iPF6400SE**

MSRP*	\$4,495	\$2,495
Output Width	44" Wide	24" Wide
Number of Inks	6	6
Color Set	Cyan, Yellow, Magenta, Black, Matte Black, Red	Cyan, Yellow, Magenta, Black, Matte Black, Red
Ink Type	LUCIA EX Pigment Inks	LUCIA EX Pigment Inks
Ink Tank Size	330 ml and 700 ml	130 ml and 300 ml
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200
Total Number of Nozzles	15,360	15,360
Ink Droplet	Consistent 4 pl	Consistent 4 pl
Maximum Print Speed (1200 x 1200 dpi on Plain Paper)	705 square feet/hour [†]	562 square feet/hour [†]
Print Speed Best Quality Mode (2400 x 1200 dpi on Gloss Paper)	62 square feet/hour [†]	48 square feet/hour [†]
Software/Utilities/Applications ☒ = included ☐ = optional	☒ Canon Printer Driver ☒ PosterArtist Lite (PC only) ☒ Print Plug-in for Microsoft Office ☒ Direct Print & Share ☒ Remote User Interface ☒ Media Configuration Tool ☒ Accounting Manager (PC only) ☐ PosterArtist (PC only) ☐ Third-Party RIPs	☒ Canon Printer Driver ☒ PosterArtist Lite (PC only) ☒ Print Plug-in for Microsoft Office ☒ Direct Print & Share ☒ Remote User Interface ☒ Media Configuration Tool ☒ Accounting Manager (PC only) ☐ PosterArtist (PC only) ☐ Third-Party RIPs
Special Features	• Red Ink • Small Footprint • Sub-Ink Tank System • Borderless Printing	• Red Ink • Small Footprint • Sub-Ink Tank System • Borderless Printing
Printer Memory	384 MB	256 MB
Connectivity	☒ USB 2.0: 10/100Base-T/TX	☒ USB 2.0: 10/100Base-T/TX
Operating System	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]

* As of January 2015. Actual prices are set by dealers and may vary.

[†] OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm). Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

[†] Please visit www.usa.canon.com/download for availability.

5-Color: Reactive Ink Printers for Technical Documents and General Use Applications

Designed for both technical document printing as well as general purpose output applications, these highly versatile systems go from printing oversized office documents to intricate technical drawings to posters and back...effortlessly.

Canon's 5-color Reactive Ink printing systems are ideal for businesses, schools, architects, engineers, or anyone who wants to print spectacular, full-color presentations, signs, posters, CAD drawings, GIS maps, and other types of large-format output.

Canon Innovations Inside

COMPUTER-AIDED DESIGN (CAD)

- Produce intricate drawings with accurate lines as thin as just 0.02 mm thick.*
- Printing support for AutoCAD®, HP-GL/2, and HP RTL Files.

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

- Print detailed maps and graphs with small fonts that are easy to read on colored backgrounds.
- High-resolution 2400 x 1200 dpi output means solid fills, smooth curves, and intricate details.

BUSINESS

- Assemble spreadsheets, pictures, and graphics onto one page and print them together.
- Make your own enlargements.

EDUCATION

- Create classroom materials and learning aids.
- Produce posters for special events, banners for pep rallies, and signs for fund-raisers.

FIVE-COLOR DYE/PIGMENT REACTIVE INK TECHNOLOGY

Canon's Reactive Ink technology utilizes four highly colorfast dye inks—Cyan, Magenta, Yellow, and Black—plus a pigment-based Matte Black. The inks are specially formulated to improve both durability and clarity of the image. The Matte Black ink is chemically engineered to react with the Cyan ink to prevent “bleeding” at the border between color and black output. This produces clearer text and sharper lines—especially when printing fine lines and small text fonts on colored backgrounds. The ink's chemistry also improves adhesion to the media so images are more durable than when printed with conventional inks.

LOW TOTAL COST OF OPERATION

Canon's imagePROGRAF printers are built for low-cost operation. The Economy Print Mode significantly reduces ink consumption while the long-life print-heads deliver maximum reliability to help keep maintenance costs down.

* Theoretical data based on data resolution.

5-Color

REACTIVE INK PRINTERS

For Technical Documents and General Printing Applications



**imagePROGRAF
iPF825**



**imagePROGRAF
iPF815**

MSRP*	\$7,495	\$5,795
Output Width	44" Wide	44" Wide
Number of Ink Tanks	5	5
Color Set	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black
Ink Type	Dye/Pigment Reactive Ink	Dye/Pigment Reactive Ink
Ink Tank Size	330 ml and 700 ml	330 ml and 700 ml
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200
Total Number of Nozzles	15,360	15,360
Ink Droplet	Consistent 4 pl	Consistent 4 pl
Maximum Print Speed (1200 x 1200 dpi on Plain Paper)	688 square feet/hour [▲]	688 square feet/hour [▲]
Print Speed Best Quality Mode (2400 x 1200 dpi on Photo Gloss Paper)	89 square feet/hour [▲]	89 square feet/hour [▲]
Software/Utilities/Applications ✔ = included ○ = optional	✔ Canon Printer Driver ✔ HDI Driver ✔ Print Plug-in for Microsoft Office ✔ Digital Photo Front-Access ✔ Remote User Interface ✔ Supports HP-GL/2, HP RTL Files ✔ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs	✔ Canon Printer Driver ✔ HDI Driver ✔ Print Plug-in for Microsoft Office ✔ Digital Photo Front-Access ✔ Remote User Interface ✔ Supports HP-GL/2, HP RTL Files ✔ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs
Special Features	• Dual Media Rolls • Accounting Manager (PC only) • Economy Color Mode • Sub-Ink Tank System • Independent Rotary Cutter	• Accounting Manager (PC only) • Economy Color Mode • Sub-Ink Tank System • Independent Rotary Cutter
Printer Memory	384 MB RAM 32 GB Dedicated File Processing Memory	384 MB RAM 32 GB Dedicated File Processing Memory
Hard Drive	250 GB	250 GB
Connectivity	✔ USB 2.0: 10/100Base-T/TX	✔ USB 2.0: 10/100Base-T/TX
Operating System	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]

* As of January 2015. Actual prices are set by dealers and may vary.

▲ OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm). Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

† Please visit www.usa.canon.com/download for availability.

5-Color

REACTIVE INK PRINTERS

For Technical Documents and General Printing Applications



**imagePROGRAF
iPF785"/iPF780**



**imagePROGRAF
iPF770"**

MSRP*	\$4,995/\$4,495	\$3,495
Output Width	36" Wide	36" Wide
Number of Ink Tanks	5	6
Color Set	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black, Matte Black
Ink Type	Dye/Pigment Reactive Ink	Dye/Pigment Reactive Ink
Ink Tank Size	130 ml [†] or 300 ml	130 ml [†]
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200
Total Number of Nozzles	15,360	15,360
Ink Droplet	Consistent 4 pl	Consistent 4 pl
Maximum Print Speed (1200 x 1200 dpi on Plain Paper)	788 square feet/hour ^{♦♦}	788 square feet/hour ^{♦♦}
Print Speed Best Quality Mode (2400 x 1200 dpi on Gloss Paper)	81 square feet/hour [♦]	81 square feet/hour [♦]
Software/Utilities/Applications ✔ = included ○ = optional	✔ Canon Printer Driver ✔ Optimization Module for AutoCAD (PC only) ✔ Print Plug-in for Microsoft Office ✔ Remote User Interface ✔ Media Configuration Tool ✔ Supports HP-GL/2, HP RTL ✔ PosterArtist Lite (PC only) ✔ Direct Print & Share ✔ imagePROGRAF Print Utility (Available for download)[°] ○ PosterArtist (PC only) ○ Third-Party RIPs	✔ Canon Printer Driver ✔ Optimization Module for AutoCAD (PC only) ✔ Print Plug-in for Microsoft Office ✔ Remote User Interface ✔ Media Configuration Tool ✔ Supports HP-GL/2, HP RTL ✔ PosterArtist Lite (PC only) ✔ Direct Print & Share ✔ imagePROGRAF Print Utility (Available for download)[°] ○ PosterArtist (PC only) ○ Third-Party RIPs
Special Features	• Flat Stacker/Basket • 300 ml ink tank option • Sub-Ink Tank System • Top-loading Roll Feed	• Accounting Manager (PC only) • Sub-Ink Tank System • Top-loading Roll Feed • Gigabit Ethernet Support • Intuitive Operation Panel
Printer Memory	256 MB (32 GB iPF785 only)	256 MB
Hard Drive	320 GB (iPF785 only)	N/A
Connectivity	✔ USB 2.0: 10/100/1000Base-T/TX	✔ USB 2.0: 10/100/1000Base-T/TX
Operating System	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]

* As of January 2015. Actual prices are set by dealers and may vary.

** Model shown.

† The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

♦ When printing in Fast Mode on plain paper.

° OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm). Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

° Available at the App StoreSM.

† Please visit www.usa.canon.com/download for availability.

5-Color

REACTIVE INK PRINTERS

For Technical Documents and General Printing Applications



imagePROGRAF
iPF685/iPF680**



imagePROGRAF
iPF670



imagePROGRAF
iPF510/iPF610**

MSRP*	\$3,195/\$2,495	\$1,295/\$1,595 (with stand)	\$1,595/\$2,545
Output Width	24" Wide	24" Wide	17" Wide/24" Wide
Number of Ink Tanks	5	6	6
Color Set	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black, Matte Black	Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black, Matte Black
Ink Type	Dye/Pigment Reactive Ink	Dye/Pigment Reactive Ink	Dye/Pigment Reactive Ink
Ink Tank Size	130 ml [■] or 300 ml	130 ml [■]	130 ml [■]
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200	2400 x 1200
Total Number of Nozzles	15,360	15,360	15,360
Ink Droplet	Consistent 4 pl	Consistent 4 pl	Consistent 4 pl
Maximum Print Speed (1200 x 1200 dpi on Plain Paper)	678 square feet/hour ^{♦♦}	678 square feet/hour ^{♦♦}	iPF610: 609 square feet/hour ^{♦♦} iPF510: 415 square feet/hour ^{♦♦}
Print Speed Best Quality Mode (1200 x 1200 dpi on Gloss Paper)	73 square feet/hour [▲]	73 square feet/hour [▲]	iPF610: 72 square feet/hour [▲] iPF510: 60 square feet/hour [▲]
Software/Utilities/Applications ✔ = included ○ = optional	✔ Canon Printer Driver ✔ Optimization Module for AutoCAD (PC only) ✔ Print Plug-in for Microsoft Office ✔ Remote User Interface ✔ Media Configuration Tool ✔ Supports HP-GL/2, HP RTL ✔ PosterArtist Lite (PC only) ✔ Direct Print & Share ✔ imagePROGRAF Print Utility (Available for download)[°] ○ PosterArtist (PC only) ○ Third-Party RIPs	✔ Canon Printer Driver ✔ Optimization Module for AutoCAD (PC only) ✔ Print Plug-in for Microsoft Office ✔ Remote User Interface ✔ Media Configuration Tool ✔ Supports HP-GL/2, HP RTL ✔ PosterArtist Lite (PC only) ✔ Direct Print & Share ✔ imagePROGRAF Print Utility (Available for download)[°] ○ PosterArtist (PC only) ○ Third-Party RIPs	✔ Canon Printer Driver ✔ HDI Driver ✔ Print Plug-in for Microsoft Office ✔ Digital Photo Front-Access ✔ Remote User Interface ✔ Media Configuration Tool ✔ Supports HP-GL/2, HP RTL ✔ PosterArtist Lite (PC only) ○ PosterArtist (PC only) ○ Third-Party RIPs
Special Features	• Accounting Manager (PC only) • Sub-Ink Tank System • Top-loading Roll Feed • Flat Stacker/Basket	• Accounting Manager (PC only) • Sub-Ink Tank System • Top-loading Roll Feed • Gigabit Ethernet Support • Intuitive Operation Panel	• Free-Layout Function • Borderless Printing • Minimum Line Weight 0.02 mm • Line Accuracy +/-0.1% • Cassette Tray • Optional Stand Available (iPF510 only)
Printer Memory	256 MB (32 GB, iPF685 only)	256 MB	128 MB
Hard Drive	320 GB (iPF685 only)	N/A	N/A
Connectivity	✔ USB 2.0: 10/100/1000Base-T/TX	✔ USB 2.0: 10/100Base-T/TX	✔ USB 2.0: 10/100Base-T/TX ○ IEEE1394 (Firewire)
Operating System	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]	Windows, [†] Macintosh [†]

* As of January 2015. Actual prices are set by dealers and may vary.

** Model shown.

• The starter ink tanks initially packaged with the printer are not the same capacity as the replacement ink tanks specified here.

• When printing in Fast Mode on plain paper.

• OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A1 (580 mm x 724.9 mm) for iPF655/650/610, A2 (410 mm x 512.5 mm) for iPF510 using optional Roll Feed. Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

° Available at the App StoreSM.

† Please visit www.usa.canon.com/download for availability.

For Technical Documents MFP Large-Format Imaging



iPF825 MFP M40/iPF815 MFP M40**



iPF785 MFP M40/iPF780 MFP M40/
iPF770 MFP M40**

MSRP*	\$11,495/\$9,795	\$8,995/\$8,495/\$7,495
M40 Scanner		
Maximum Optical/Interpolated Resolution (dpi)	1200/9600 dpi	1200/9600 dpi
Maximum Image/Media Width	40" (101.6 cm)/42" (104.1 cm)	40" (101.6 cm)/42" (104.1 cm)
Scan Speed	• 48-bit Full Color @ 200 dpi: 3" (per second) • 8-bit Grayscale and Monochrome @ 200 dpi: 13" (per second)	• 48-bit Full Color @ 200 dpi: 3" (per second) • 8-bit Grayscale and Monochrome @ 200 dpi: 13" (per second)
Scan Modes	• 16.7-million Color RGB (48-bit) • 256- and 16-color RGB Adaptive Indexed Color Palette • 256-level Grayscale (8-bit) • Black and White (1-bit)	• 16.7-million Color RGB (48-bit) • 256- and 16-color RGB Adaptive Indexed Color Palette • 256-level Grayscale (8-bit) • Black and White (1-bit)
Maximum Media Thickness	0.079" (2 mm)	0.079" (2 mm)
Accuracy	+/-0.1% +/-1 Pixel	+/-0.1% +/-1 Pixel
Software		
SmartWorks MFP	Scan-to-Print/File/Edit/Share	Scan-to-Print/File/Edit/Share
Direct Print & Share	Cloud Portal Solution	Cloud Portal Solution
Special Features	• imagePROGRAF Print Utility (Available for download)^o • Mobile Printing App	• imagePROGRAF Print Utility (Available for download)^o • Mobile Printing App
PC Specifications		
Operating System	Windows 7 Professional (64 bit)	Windows 7 Professional (64 bit)
Monitor	Touch-Screen HD Monitor	Touch-Screen HD Monitor
Printer Specifications		
Maximum Media Width	44"	36"
Applications	• Medium- to Large-volume CAD and Corporate • Medium to Large Work Groups	• Small to Medium Office • Technical Documents
Maximum Print Resolution (dpi)	2400 x 1200	2400 x 1200
Maximum Print Speed (1200 x 1200 dpi on Plain Paper)	688 square feet/hour ^{♦♦}	788 square feet/hour ^{♦♦}

* As of January 2015. Actual prices are set by dealers and may vary.

** Model shown.

^o Available at the App StoreSM.

[♦] When printing in Fast Mode on plain paper.

^{♦♦} OS: Windows XP SP2, CPU: Pentium 4 3.2 GHz, RAM: 1 GB, Application: Adobe Photoshop 7.0, Interface: USB 2.0 Hi-Speed, Data used: ISO/JIS-SCID No. 5, Output image size: A0 (827 mm x 1033.8 mm). Measured by Canon Inc. Each print time does not include data transfer time. The print speed may vary depending on the data volume and size, PC, application, software, media type, and interface.

PosterArtist: Canon's Easy-to-Use Poster Creation Software

PosterArtist is an optional PC software package that makes it easy to create, customize, and print posters, banners, and signs. No graphic design experience is needed!

Just follow the four on-screen steps to select from over 200 customizable templates, professionally designed for retail, food and beverage, education, business, sports, celebrations, and other categories. PosterArtist also includes over 1,500 print-ready, royalty-free images, and clip-art that you can use. Or, if you prefer, you can import your own images such as company logos and digital camera photos!

For those with more demanding poster creation needs, PosterArtist also includes enhanced features such as an Auto Design function, support for Variable Data Printing, and even an Ambient Light Adjustment feature that assists in compensating for perceived color changes in various lighting environments!



Created in PosterArtist



Created in PosterArtist

Some imagePROGRAF printers come equipped with PosterArtist Lite to help beginners get started designing and printing their own posters. PosterArtist Lite is only available with specific imagePROGRAF printer bundles; it's not sold separately.

Download a trial version today.
For more information, please go to
www.usa.canon.com/posterartist.

PosterArtist

Alliance Partners

Canon's Alliance Program for large-format imagePROGRAF products was created to identify, develop, and market software solutions that not only add value to Canon's products, but also address customer and industry-specific needs in the marketplace. A Canon Alliance Partner is a company that has applied to be in the program and was approved by Canon. The Alliance Program provides a process in which the partner can conduct compatibility testing with the products in our imagePROGRAF line, ensuring that the product is compatible and the company's software solution enhances the value of the imagePROGRAF printer. Although we are highlighting the members of the Alliance Partner Program, there are a number of other vendors with customized solutions for the imagePROGRAF line. Please check the company's Web site for more detailed compatibility information.

With a full line of Canon large-format printers designed to be incorporated into a variety of market segments, customers are assured

the best software to suit their needs. These software solutions can be integrated into a range of market segments, such as the Proofing/Prepress, Photographic, CAD/GIS, Poster/Signage, and Scan/Copy to address customer-specific needs. Cost-tracking solutions are also available for those who would like to monitor specific expenses associated with making production pieces by providing detailed reports of the information. These software RIPs will add functionality to the imagePROGRAF devices that are not available in the native print driver. For example, they will accept a broader range of file formats and add features such as tiling, queue management, the ability to create ICC profiles, and ink tracking capabilities. With this added functionality, the imagePROGRAF printer becomes a complete workflow solution.

Canon's imagePROGRAF printers are commonly used for specific targeted applications in the following markets. The partners selected to work with Canon are leaders in some or all of the markets shown in the chart below.

imagePROGRAF Alliance Partner Program Members

	AEC/CAD/GIS	Photography	Proofing/Prepress	Signage	Scan/Copy	Cost Tracking
		•	•	•		
		•	•	•		
		•		•		
		•	•	•		
	•	•	•	•		
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For the most current listing of imagePROGRAF Alliance Partners, please visit www.usa.canon.com/imageprograf.

Canon Media

Canon media delivers consistently superior image quality and product performance. Rigorous testing ensures compatibility with imagePROGRAF printers in order to provide the best image quality possible.

Canon media can meet your needs. Drafting designs, producing point-of-purchase displays, and creating photographic and fine art reproductions can all be accomplished utilizing Canon imagePROGRAF printers and media.

The Right Media for the Right Job

PHOTOGRAPHIC/GLOSSY PAPER

High-end photography and portraits demand excellent photographic paper, and Canon offers a wide variety to meet these printing needs. Accurate, clear reproduction of digital images is a breeze with Canon photographic and glossy media options.

FINE ART MEDIA

Special artwork deserves special media. Paintings and digital art superbly reproduce on Canon Fine Art Media. Available in canvas, velvet, and water-resistant styles, Canon Media meets the challenge of fine art printing.



imagePROGRAF Specialty Media Swatch Book

SIGN/BANNER/DISPLAY MEDIA

Eye-catching signs, bulletins, and announcements are easy to create with Canon large-format printers. To suit every application, our sign and banner media are tear-resistant and offer a variety of special features, such as adhesive backing and vinyl coating.

BOND PAPER/CAD/GIS

Blueprints, maps, schedules, and sketches are ideally rendered with Canon large-format printers. These media are ideal for engineers and architects as well as CAD and GIS applications. For everyday use and draft printing, Canon has a wide variety of durable, inexpensive coated paper.

For more information on Canon Media, please visit the Canon Consumables Web site at:
www.usa.canon.com/consumables/media.



imagePROGRAF Media Swatch Book

Utilize the imagePROGRAF 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.

For more information, call or visit
1.800.815.4000 CSA.CANON.COM

Canon
CANON SOLUTIONS AMERICA

As an ENERGY STAR® Partner, Canon U.S.A., Inc. qualified these models as meeting the ENERGY STAR energy efficiency criteria through an EPA recognized certification body. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. Canon, imagePROGRAF, and LUCIA are registered trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. All other referenced product names and marks are trademarks of their respective owners. For a full listing of specifications, see product brochures. All printer output images are simulated. Specifications and availability subject to change without notice. Not responsible for typographical errors.

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