PRODUCTION
LARGE-FORMAT PRINTING
A Powerful trio: color, control, and speed

Advanced printing solutions ideal for bringing production, signage/commercial photography, and proofing businesses to the next level of color.

Built for unmatched productivity and color consistency, the 60” imagePROGRAF iPF9400S, 44” imagePROGRAF iPF8400S, and 24” iPF6400S printers are ideal for those looking to advance in the commercial photography, signage display, and retail industries. Offering a 24” - 60” printer line-up, Canon technology will help you reach a whole new level of color management and uniformity across all the imagePROGRAF iPFx400S Series printers. And with the ability to add the SU-21 Spectrophotometer onto the iPF6400S printer, you can bolster color consistency in ways you never thought possible across your entire fleet of iPFx400S Series printers.

FEATURES

- **8-color LUCIA EX ink set** is formulated for sophisticated photographic expression with its brilliant range of vibrant colors, smooth gradations, and incredibly fine details.

- Optional SU-21 Spectrophotometer for the iPF6400S provides the ability for **advanced color management and color consistency** across the entire line of iPFX400S printers.

- Color Calibration Management Console provides **centralized color management** in multiprinter production environments.

- A new Multi-Sensor helps improve density detection **accuracy** over previous models.

- Fast and Economy print modes produce high-speed output that help **lower print costs**.

- Sub-ink tank system and high-capacity ink tanks for **continuous printing**.

- A library of software solutions is included, such as PosterArtist Lite* for **easy poster creation** and Accounting Manager to help **calculate and track print jobs**.

* Included with iPF6400S and iPF8400S. PC only.
WHAT’S NEW

From 24” to 60”, the Canon imagePROGRAF iPFx400S Series of printers shares the same technology, making it a truly uniform solution for large-format production printing.

FLEET MANAGEMENT

With the introduction of the SU-21 Spectrophotometer and the Color Calibration Management Console to the imagePROGRAF S Series printers, you can achieve color management and control from a centralized location, streamlining your workflow like never before. Create calibration files using the SU-21 Spectrophotometer and share them across a fleet of iPFx400S Series printers for unbelievable control.

MULTI-SENSOR

The enhanced multi-sensor featured in the iPFx400S Series of printers helps improve density detection accuracy as compared to the previous line of iPF S Series printers. Along with the included software solutions, the new multi-sensor helps achieve color consistency across all the new iPF 8-color models.

SU-21 SPECTROPHOTOMETER

The optional SU-21 Spectrophotometer for the iPF6400S printer provides the foundation for advanced color management and remarkable color consistency.

SOFTWARE SOLUTIONS

Introducing three exciting software solutions:

• **Color Calibration Management Console** helps centralize and maintain an efficient color management system;

• An enhanced **Print Plug-in for Adobe® Photoshop®**, which hosts a Gallery Wrap Feature for creating canvas wraps; and,

• **Direct Print & Share**, Canon’s cloud-based portal solution for sharing files.

LARGE-CAPACITY INK TANKS WITH A SUB-INK TANK SYSTEM

The 24” iPF6400S printer now has the capability to utilize 300 ml ink tanks, which is more than double the capacity of the standard 130 ml ink tanks. The 44” iPF8400S and 60” iPF9400S printers have an option for 330 ml and 700 ml tanks! The sub-ink tank system, available for the first time on a 24” 8-color printer, gives the user the ability to change ink tanks on the fly, without stopping the print run.
With the addition of the iPF8400S and iPF6400S printers to the iPF9400S printer, the imagePROGRAF iPFx400S Series allows for color management and consistency, without sacrificing speed. For the first time on an S Series printer, you have the ability to create custom color profiles using the iPF6400S printer with the optional SU-21 Spectrophotometer, and these profiles can be shared across any other iPFx400S Series printer in your fleet. These new features help you stabilize color accuracy across the entire workflow, while providing consistency across all iPFx400S Series devices to help ensure the correct print comes out every time.

Canon provides a variety of features designed specifically to improve access, administration, and operation of a fleet of printers. These features include:

- **Color Calibration Management Console**
- **Built-in Multi-Sensor**
- **Optional SU-21 Spectrophotometer**

**OPTIONAL SU-21 SPECTROPHOTOMETER FOR iPF6400S PRINTER**

This easily installable solution attaches directly onto the front of the iPF6400S printer and provides the foundation for advanced color management across all iPFX400S Series printers.

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 the device.
- A **single-piece**, user-switchable backing plate that contains both white and black backings, unique to Canon’s solution.
- User-switchable **UV blocking filter** that can be switched on or off according to paper type, eliminating the need to purchase individual sensors for each stock.
- Scan speed of **up to 10 inches per second**.
- The ability to generate color calibration charts using non-Canon branded media—allowing users to expand their workflow options.

**CENTRALIZED COLOR MANAGEMENT IN MULTIPRINTER PRODUCTION ENVIRONMENTS**

Execute right from your own desk.
COLOR CALIBRATION MANAGEMENT CONSOLE

The Color Calibration Management Console (CCMC) allows for centralized management of all networked iPFx400S Series printers in a single system, from one easy-to-use software tool. This unique feature enables color calibration targets created using the iPF6400S printer with the optional SU-21 Spectrophotometer to be linked across the entire line of 8-color imagePROGRAF iPF printers in your fleet. The administrator can then monitor and manage each printer from a remote location, from almost anywhere in the world!* Linking color calibration targets among multiple printers allows for color calibration of custom media to be performed on any iPFx400S Series printer, whether or not it’s equipped with an SU-21 Spectrophotometer.

BUILT-IN MULTI-SENSOR

Designed to support precise calibration and color matching, the multi-sensor uses a three-color LED and an enhanced condenser lens. The sensor enables accurate recalibration of the device.

BORDERLESS PRINTING

All iPFx400S Series printers feature true borderless printing, helping to reduce the requirements needed for trimming and off-line finishing. This also makes the iPF9400S the only 60” large-format printer to accommodate true 60” borderless printing.

FAST AND ECONOMY PRINT MODES

Canon’s Fast Print mode helps you minimize your per-print cost by producing 1200 x 1200 dpi output while reducing total ink consumption by 10% to 20%.** And for quick check plots, utilize the Fast Print mode with the Economy Printing option to help reduce total ink consumption by up to 50%** on select media!

HIGH-CAPACITY INK SYSTEM WITH SUB-INK TANKS

The iPFx400S Series printers feature a large ink tank capacity of 130 ml or 300 ml for the iPF6400S printer and 330 ml or 700 ml for the iPF8400S and iPF9400S printers. The sub-ink tank system enables ink tanks to be replaced on the fly, without stopping the printer.

* You must open a Google Cloud account to take advantage of the cloud functionality. Storage capacity and any pricing thereof is based on Google’s current offering and is at Google’s discretion. Your Google Cloud account is subject to Google’s terms and conditions, which is subject to change at Google’s discretion. Neither Canon, Inc. nor Canon U.S.A., Inc. represents or warrants any third-party product, service, or feature referenced hereunder.

** When compared to Standard mode.
SOFTWARE
Canon includes innovative software that will help you to expand your creative process as well as manage your printing process, resulting in beautiful output with an eye on the bottom line.

- **Color Calibration Management Console**: This program allows for the centralized color management of networked printers in a system, letting users manage, share, and link their color data. This helps ensure color consistency between printers within a series.

- **PosterArtist Lite**: Use this template-driven, poster-creation software to develop professional posters, banners, and signage in just four easy steps! And to expand your poster-creation workflow even further, a full version of PosterArtist is available for purchase.

- **Direct Print & Share**: Canon’s cloud-based portal solution allows you to upload and download your files from almost anywhere in the world!††

- **Print Plug-in for Adobe Photoshop**: This expands creative and processing options for the photographic professional, for higher-quality levels than what’s offered by the traditional printer driver.

- **imagePROGRAF Layout Plug-in**: This Plug-in can be accessed via Adobe Photoshop and gives users the ability to easily create gallery wrap prints for framing. It also includes a host of creative options that expands output possibilities.

- **Accounting Manager**: Allows you to track and calculate your printing costs to help minimize waste and maximize profits.

- **Print Plug-in for Microsoft® Office**: Print posters, spreadsheets, and banners quickly and easily directly from Microsoft Excel®, PowerPoint®, and Word applications.

- **Free Layout Tool**: This gives the ability to group and print files from different applications as a single job, and then edit the placement and scaling of the output directly from the Printer Driver.

- **Media Configuration Tool**: This tool allows for new Canon and custom media profiles to be imported into the printer, giving you more flexibility in their media choices.

- **Remote User Interface**: This offers the ability to remotely access your imagePROGRAF printer and receive any notifications as well as check on the printer’s status.

* PC only.
† Included with the iPF8400S and iPF6400S models.
†† You must open a Google Cloud account to take advantage of the cloud functionality. Storage capacity and any pricing thereof is based on Google’s current offering and is at Google’s discretion. Your Google Cloud account is subject to Google’s terms and conditions, which is subject to change at Google’s discretion. Neither Canon, Inc. nor Canon U.S.A., Inc. represents or warrants any third-party product, service, or feature referenced hereunder.
### Print-Heads
- PF-05 (2)

### Technology
- FINE (Full-photolithography Inkjet Nozzle Engineering)

### Print Resolution (Max.)
- Up to 2400 x 1200 dpi

### Ink Type
- LUCIA EX Ink (Pigment-based)

### Ink Tank
- PFI-106 (130 ml): BK, MBK, C, M, Y, PC, PM, GY
- PFI-206 (300 ml): BK, MBK, C, M, Y, PC, PM, GY

### Colors
- Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Gray

### Ink Tank Shipped with Printer
- 8 Colors (90 ml Starter Tank, BK, MBK, M, Y) (120 ml Starter Tank C, PC, PM, GY)

### Hard Disk Capacity
- 250 GB

### Printer Memory
- 256 MB

### Media Feed
- Top-loading 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 Roll Feed
  - 8” (203 mm)
- Top-loading Manual Feed
  - 11.0” (279 mm)
- Front-loading Manual Feed
  - 13.8” (350 mm)

### Maximum Print Length
- Manual Feed
  - 63” (1.6 m)
- Roll Feed
  - 59” (1.5 m)*
- Front-loading Manual Feed
  - 36” (914 mm)

### Borderless Printing Widths (Roll Media Only)
- 10”/14”/16”/17”/24”/B4 [9.84”/250 mm] /
- 16’/16”/24”/20.28”/B5 [20.28”/515 mm] /
- A1 [23.38”/594 mm]

### Printer Stand
- Standard

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

### Media Core Sizes
- 2” or 3” Core (with Supplied Adapter)

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

### Maximum Media Roll Outer Diameter
- 5.9” (150 mm)

### 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),
  - Print Plug-in for Microsoft Office, Optimized Module for AutoCAD

### Applications
- PosterArtist Lite

### Utilities
- imagePROGRAF Status Monitor (Windows®),
- Print Monitor (Macintosh®), Media Configuration Tool, Remote UI, Accounting Manager,
- Color Calibration Management Console,
- Direct Print & Share

### Printer Language
- GARO (Canon Proprietary)

### Operating System*
- Windows XP (32/64-bit), Server 2003 (32/64-bit), Server 2008 (32/64-bit), Windows Vista® (32/64-bit),
- Windows 7 (32/64-bit), Windows 8 (32/64-bit); Macintosh OS X 10.5.8 - 10.7x

### Interface
- Standard
  - USB 2.0 High-Speed
  - 10/100/1000Base-T/TX

### Acoustic Noise
- Operation 47 dB or Less

### Power Supply
- AC 100-240 V (50-60 Hz)

### Power Consumption
- Maximum
  - 100 W or Less
- Standby (100-120 V)
  - 5 W or Less
- Power Off
  - .5 W or Less (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
- Printer and Stand (H x W x D)
  - 39.4” x 48.3” x 29.6”

### Printer with optional SU-21 Spectrophotometer installed
  - 39.4” x 48.3” x 34.4”

### Weight
- Printer
  - Approx. 164 lb.
- Printer with optional SU-21 Spectrophotometer installed
  - Approx. 200 lb.

### User-Replaceable Items
- Print-Head (PF-05)
- Maintenance Cartridge (MC-16)
- Printer Driver Extra Kit
- PostScript® applications such as Adobe Illustrator® or QuarkXPress®, please use a PostScript compatible RIP package.

### Support for Third-party RIPs
- Most Leading Third-party RIPs

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* The maximum printable length varies, depending on the application, OS, and RIP used. The maximum printable length from Canon Printer Driver is 50 feet.
**SPECIFICATIONS**

**Print-Heads**
- PF-05 (2)

**Technology**
- FINE (Full-photolithography Inkjet Nozzle Engineering)

**Print Resolution (Max.)**
- Up to 2400 x 1200 dpi

**Ink Type**
- LUCIA EX Ink (Pigment-based)

**Ink Tank**
- PFI-306 (330 ml): BK, MBK, C, M, Y, PC, PM, GY
- PFI-706 (700 ml): BK, MBK, C, M, Y, PC, PM, GY

**Colors**
- Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Black, Matte Black, Gray

**Ink Tank Shipped with Printer**
- 8 Colors (Full 330 ml Each Color)

**Hard Disk Capacity**
- 250 GB

**Printer Memory**
- 384 MB
- 640 MB
- iPF9400S

**Media Width**
- Front-loading Roll Feed: One Sheet, Front Output
- Front-loading Manual Feed: One Sheet, Front Output

**Minimum Media Length**
- 8” (203 mm)

**Maximum Print Length**
- Roll Feed: 10” – 44”
- Cut Sheet: 8” – 44”
- iPF8400S: Roll Feed: 10” – 60”
- Cut Sheet: 8” – 60”

**Maximum Media Roll Outer Diameter**
- 3.9” (100 mm)

**Printer Stand**
- Standard

**Media Thickness**
- Front-loading Manual Feed: 0.07 mm - 0.8 mm (2.8 mil - 31.4 mil)
- Front-loading Roll Feed: 0.07 mm - 0.8 mm (2.8 mil - 31.4 mil)

**Media Core Sizes**
- 2” or 3” Core (with Supplied Adapter)

**Printable Margins**
- Manual Feed (Front)
  - Leading and Left/Right Edges: 0.20” (5 mm)
  - Trailing Edge: 0.90” (23 mm)

**Roll Feed**
- All Sides: 0.20” (5 mm) or 0” for Borderless

**Maximum Media Roll Outer Diameter**
- 5.9” (150 mm)

**Bundled Software**
- Printing Software
  - Canon Printer Driver
  - Print Plug-in for Photoshop
  - Print Plug-in for DPP
  - Print Plug-in for Microsoft Office
  - Print Plug-in for QuarkXPress

**Applications**
- PosterArtist Lite
- GARO (Canon Proprietary)
- Print-Head (PF-05)

**Utilities**
- imagePROGRAF Status Monitor (Windows®)
- Print Monitor (Macintosh®)
- Media Configuration Tool
- Remote UI
- Accounting Manager
- Color Calibration Management Console
- Direct Print & Share

**Printer Language**
- GARO (Canon Proprietary)

**Operating System**
- Windows XP (32/64-bit), Server 2003 (32/64-bit), Windows Vista (32/64-bit), Windows 7 (32/64-bit), Windows 8 (32/64-bit), Macintosh OS X 10.5.8 - 10.7x

**Interface**
- Standard
  - USB 2.0 High-Speed
  - 10/100/1000Base-T/TX

**Acoustic Noise**
- iPF8400S: Operation 68 dB or Less
- iPF8400S: Operation 50 dB or Less

**Power Supply**
- AC 100-240 V (50-60 Hz)

**Power Consumption**
- Maximum: 190 W or Less
- Standby (100-120 V): 5 W or Less
- Power Off: .5 W or Less (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)**
- iPF8400S: 45’’ x 90.5” x 30.2”
- iPF9400S: 45’’ x 74.5” x 38.4”

**Weight**
- iPF8400S: Approx. 355 lb.
- iPF9400S: Approx. 315 lb.

**User-Replaceable Items**
- Print-Head (PF-05)
- Maintenance Cartridge (MC-08)
- Roll Holder Set RH2-64
- BU-01 Basket
- PosterArtist (PC only)
- iPF8400S
  - Roll Holder Set RH2-44
  - Take Up Unit TU-06
  - PosterArtist (PC only)

* The maximum printable length varies, depending on the application, OS, and RIP used. The maximum printable length from Canon Printer Driver is 50 feet.

** For Adobe Photoshop 6, 7, CS, CS2, CS3, CS4, CS5, CS6 running on Windows 2000/XPh/Windows Vista (32 bit)/Windows 7/Windows 8, or Macintosh OS X 10.2/10.3/10.4/10.5/10.6.

*** For Digital Photo Professional version 2.1 or later running on Windows 2000/XPh/Windows Vista (32 bit)/Windows 7/Windows 8, or Macintosh OS X 10.2/10.3/10.4/10.5/10.6.

* For imagePROGRAF Printer Driver. 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.

As an ENERGY STAR Partner, Canon U.S.A., Inc. has qualified this model 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, IMAGERUNNER, LUCIA, and the GENUINE logo are registered trademarks of Canon Inc. in the United States and may also be registered trademarks or trademarks in other countries. Google is a trademark and/or registered trademark of Google Inc. Microsoft is a registered trademark or trademark of Microsoft Corporation in the United States and other countries. All other referenced product names and marks are trademarks of their respective owners. Specifications and availability subject to change without notice. All output images and effects are simulated. Products not shown to scale. Not responsible for omissions or typographical errors. Weight and dimensions are approximate. ©2014 Canon U.S.A., Inc. All rights reserved.

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