

Canon

imagePROGRAF



imagePROGRAF
iPF8300/6350/6300



GRAPHIC ARTS
LARGE-FORMAT PRINTING





Introducing the 44" imagePROGRAF iPF8300 and 24" iPF6350/6300 large-format printers.

Breakthrough printing solutions specially designed for photography, color proofing, and fine art reproduction.

Combining groundbreaking technologies with unparalleled expertise in digital imaging workflow, the iPF8300 and iPF6350/6300 printers represent Canon's latest achievement in large-format color output. Engineered for outstanding print quality and precise image reproduction, these 12-color systems are the ideal printing solutions for photographers, artists, designers, and color proofing professionals.

NEW FEATURES

- **12-Color LUCIA EX ink set**, reformulated for a wider color gamut, improved scratch resistance, expressive dark tones, and reduced bronzing
- New High Precision Printing Mode for **superb proofing print quality**
- **Enhanced image processing** for smoother color gradations, even in dark areas
- Support for Adobe® Color Management Module (CMM) with Canon's included **Print Plug-in for Photoshop®/ Digital Photo Professional**
- New Media Configuration Tool allows users to **input custom profiles**, including those for third-party media
- Standard support for **Gigabit Ethernet** and Hi-Speed USB allows for fast transfers of large data volumes
- Redesigned control panel for **outstanding ease of operation**

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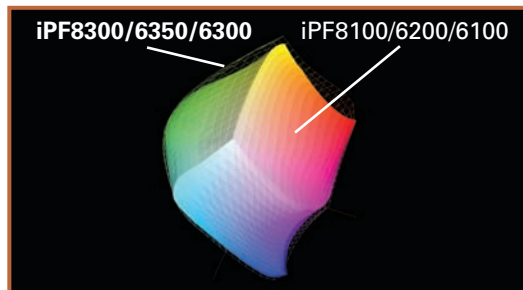
ADVANTAGES

Built for ultra-high-quality imaging and productivity, the 44" iPF8300 and 24" iPF6350/6300 printers feature advanced printing technologies specifically developed to produce consistently excellent results with incredible ease.

AN EXTRAORDINARY SPECTRUM OF COLOR

For brilliant color output, Canon's new **12-color LUCIA EX** ink set produces an exceptionally wide color gamut, while enhanced image processing provides for smooth color transitions. And four monochromatic shades optimize black density and create a greater range of gray tones for dramatic contrast and delicate gradations.

Wider Color Gamut



HIGH-QUALITY PRINTING

Canon's two advanced one-inch print-heads output a superfine 4pl ink droplet at up to a full 2400 x1200 dpi resolution to reproduce details with superior accuracy and clarity. And paired with the included **Print Plug-ins for Adobe Photoshop and Digital Photo Professional**, these printing solutions **enable 16-bit image processing** to dramatically improve your final output. When proofing quality is critical, the new High Precision Printing Mode brings the already excellent image quality of the imagePROGRAF printers to the next level.

Accurate Ink Dot Placement



10 pt.



5 pt.

MAXIMUM PRODUCTIVITY

At the core of these imagePROGRAF printers is the L-COA Processor, achieving incredible print speeds by intelligently directing output data through two high-density print-heads, each with **2,560 nozzles per color for a total of 30,720 nozzles!** And with a built-in 80GB hard drive on the iPF8300/6350 models, you can send large sets of files from multiple workstations, without locking up your computer and experiencing heavy downtime.

VERSATILITY

To help complete your workflow, Canon includes a host of tools that make these imagePROGRAF printers impressive, powerful, and simple-to-use solutions. A newly enhanced **Media Configuration Tool** opens the door to a wider selection of media options, giving more choice and control over your final output. **Accounting Manager** tracks and calculates printing costs to help minimize waste and maximize profits. And for poster creation made simple, PosterArtist Lite* and Microsoft® Office Plug-in (both PC only) give you all the tools you'll need to design and output impressive, large-format signs and banners.

With spectacular color and breathtaking detail, the iPF8300 and iPF6350/6300 printers deliver magnificent results, from photography and giclée fine art to color proofing and posters.

With three lines of impressive imagePROGRAF large-format printers, whatever your needs, Canon has the answer.

*iPF6350/6300 models only.

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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

iPF8300

PFI-304 (330ml): BK, MBK, C, M, Y, PC,
PM, GY, PGY, R, G, B
PFI-704 (700ml): BK, MBK, C, M, Y, PC,
PM, GY, PGY, R, G, B

iPF6350/6300

PFI-105 (130ml): BK, MBK, C, M, Y, PC,
PM, GY, PGY, R, G, B

Colors

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

Ink Tank Shipped with Printer

iPF8300: 12 Colors (Full 330ml Each Color)

iPF6350/6300: 12 Colors (90ml Starter Tank Each Color)

Hard Disk Capacity

iPF8300/6350: 80GB

iPF6300: N/A

Printer Memory

384MB

Media Feed

iPF8300

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

iPF6350/6300

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

iPF8300

Cut Sheet: 8" – 44"
Roll Feed: 10" – 44"

iPF6350/6300

8" – 24" (Cut Sheet and Roll)

Minimum Media Length

iPF8300: 8" (203mm)

iPF6350/6300

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

Maximum Print Length

iPF8300

Manual Feed: 63" (1.6m)
Roll Feed: 59' (18m)*

iPF6350/6300

Top-Loading Roll Feed: 59' (18m)*
Top-Loading Manual Feed: 63" (1.6m)
Front-Loading Manual Feed: 36" (914mm)

Borderless Printing Widths (Roll Media Only)

iPF8300

10"/14"/17"/24"/36"/42"/44"/B2 [20.28"(565mm)]/
A1 [23.38"(594mm)]/ A0 [33.11"/841mm]/
B0 [40.55"(1030mm)]

iPF6350/6300

10"/14"/16"/17"/24"/B4 [9.84"(250mm)]/
A2 [16.54"(420mm)]/ B2 [20.28"(515mm)]/
A1 [23.38"(594mm)]

Printer Stand

Standard

Media Thickness

iPF8300: 0.07mm - 0.8mm (2.8mil - 31.4mil)

iPF6350/6300

Top-Loading Manual Feed
0.07mm - 0.8mm (2.8mil - 31.4mil)

Front-Loading Manual Feed

0.5mm - 1.5mm (19.6mil - 59.0mil)

Top-Loading Roll Feed

0.07mm - 0.8mm (2.8mil - 31.4mil)

Media Core Sizes

2" or 3" Core (with Supplied Adapter)

Printable Margins (iPF8300)

Manual Feed (Top/Front)

Leading and Left/Right Edges: 0.20" (5mm)
Trailing Edge: 0.90" (23mm)

Roll Feed

All Sides: 0.20" (5mm) or 0" for Borderless

Printable Margins (iPF6350/6300)

Manual Feed (Top/Front)

Leading and Left/Right Edges: 0.12" (3mm)
Trailing Edge, Front Feed: 0.90" (23mm)
Trailing Edge, Top Feed: 0.12" (3mm) Except Art Paper
Top Feed (Art Paper): 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),
Print Plug-in for Microsoft Office

Applications

PosterArtist Lite (iPF6350/6300 Only)
Digital Photo Front-Access

Utilities

imagePROGRAF Status Monitor (Windows[®]),
Print Monitor (Macintosh[®]), Media Configuration
Tool, Remote UI, Accounting Manager

Printer Language

GARO (Canon Proprietary)

Operating System*

Windows 2000 (32 bit), XP (32/64 bit),
Server 2003 (32/64 bit), Server 2008 (32/64 bit),
Windows Vista (32/64 bit), Windows 7 (32/64 bit);
Macintosh OS X 10.3.9-10.6 (32 bit), OS X 10.5-10.6
(64 bit)

Interface

Standard

USB 2.0 High-Speed
10/100/1000Base-T/XTX

Acoustic Noise

iPF8300: Operation 50dB or Less

iPF6350/6300: Operation 47dB or Less

Power Supply

AC 100-240V (50-60Hz)

Power Consumption

iPF8300

Maximum: 190W or Less
Standby (100-120V): 5W or Less
Power Off: 1W or Less (compliant with executive order)

iPF6350/6300

Maximum: 100W or Less
Standby (100-120V): 6W or Less
Power Off: 1W 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)

iPF8300: 45" x 74.5" x 38.4"

iPF6350/6300: 39.1" x 46.4" x 34.3"

Weight

iPF8300: Approx. 316 lb.

iPF6350/6300: Approx. 146 lb.

User-Replaceable Items

iPF8300

Print-Head (PF-05)
Maintenance Cartridge (MC-08)
Durable Rotary Media Cutter (CT-06)

iPF6350/6300

Print-Head (PF-05)
Maintenance Cartridge (MC-16)

Options

iPF8300

Roll Holder Set RH2-44
Take Up Unit TU-06
PosterArtist (PC Only)

iPF6350/6300

Roll Holder Set RH2-25
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 running on Windows 2000/XP/Windows Vista (32 bit)/Windows 7 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/XP/Windows Vista (32 bit)/Windows 7 or Macintosh OS X 10.2/10.3/10.4/10.5/10.6.

[▲] Not compatible with Windows 64-bit OS.

■ 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.

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