

Canon

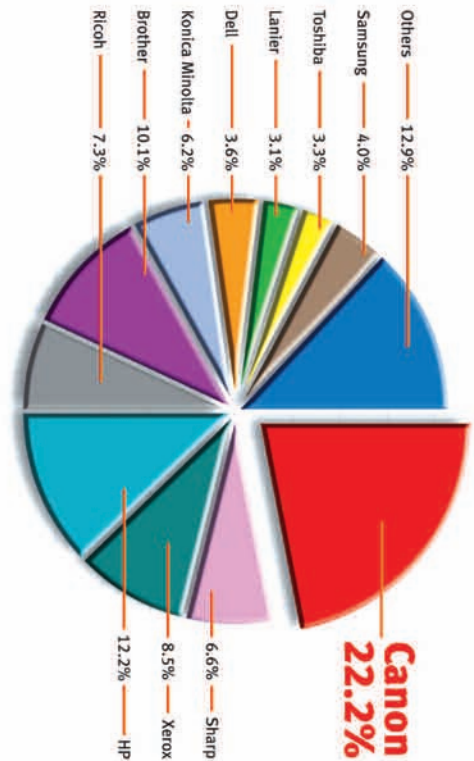
imagePROGRAF®  
iPF610

# iPF610

GENERAL USE and CAD  
LARGE-FORMAT PRINTING



2006 TOTAL MONOCHROME  
AND COLOR COPIER MARKET SHARE



# Introducing the imagePROGRAF iPF610 printer

A new 24" large-format printer built  
by Canon for the way you work



From Canon, a world leader in office imaging systems and ink-jet printing technology, comes the imagePROGRAF iPF610 printer— a highly versatile printing solution designed to enable all levels of users to produce spectacular full-color, large-format graphics.

The iPF610 printer is an all-purpose large-format printing solution that's ideal for businesses, schools, architects, engineers, and other professionals who want to easily create, process, and print full-color presentations, signs, posters, renderings, CAD drawings, GIS maps, and other large-format graphics.

## iPF610 Features

**Why settle for anything less?**

**The iPF610 printer includes everything you need.**

### HIGH-QUALITY PRINTING

- High-resolution 2400 x 1200 dpi output
- Fine lines with Canon's 5-color dye/pigment Reactive Ink technology

### MAXIMUM PRODUCTIVITY

- High-speed output – print a full-color 2' x 3' fast!
- A super high-density print-head with 15,360 nozzles

### VERSATILITY

- Point-and-click software solutions from Canon make printing your own posters, presentations, and signs easy.
- Print CAD and GIS applications with the HDI driver and direct printing support for HP-GL/2 and HP RTL documents.

### EASY TO USE

- Quiet operation and convenient media feed options
- A large LCD panel provides better visibility and more information

# iPF610



## **BIGGER IS BETTER—NOW IT'S EASIER TOO!**

The iPF610 printer is a complete large-format printing solution designed to help all levels of users do more—better, faster, and more efficiently. To help you, an array of workflow solutions is available with the iPF610 printer.\* Expand your capabilities and simplify operation.

- **Canon Printer Driver 2007**

Intuitive operation with Easy and Advanced settings

- **Web-Link**

Point-and-click access to applications and information

- **PosterArtist 2007\*\*** (optional)

A template-based poster design software package

## **PRINT WHAT YOU WANT—HOW YOU WANT IT**

Office documents come in all sizes and formats, from photos, graphics, and charts to Microsoft® files. The versatile iPF610 printer is equipped to help you compose, edit, and enlarge these documents, whether you have the application file or just a printed original. The Free Layout feature\*\* enables digital documents of different file formats to

be composed onto a single page, edited and printed together. Or you can enlarge documents directly from a printed original by integrating the iPF610 printer with a Canon imageRUNNER® device with Universal Send. The result is a seamless scan-to-print workflow.

## **SPEED WITHOUT SACRIFICE**

In today's business environment, tight deadlines have become the norm. The high-speed iPF610 printer will help you beat the clock and stay ahead of the curve. The high-density print-head with 15,360 nozzles ejects more ink with every pass so high-resolution 2400 x 1200 dpi images can be produced faster in every print mode.

## **OFFICE COMPATIBLE AND READY TO WORK!**

With low power consumption, easy media feed options, and quiet operation, the network-ready iPF610 printer is an out-of-the-box large-format printing solution designed to fit comfortably into virtually any office environment.

\* Please see specifications page for OS compatibility.

\*\* PC only

### Print-Head

PF-03

### Technology

FINE (Photolithography Inkjet Nozzle Engineering)

### Print Resolution (Max.)

2400 x 1200 dpi

### Line Accuracy\*

±0.1% or Less

### Minimum Line Weight\*\*

0.02mm

### Number of Nozzles

Matte Black: 5,120 Nozzles  
Other Colors: 2,560 Nozzles per Color

### Droplet Size

4 Picoliter

### Nozzle Pitch (Head Resolution)

1200 dpi x Two Rows

### Print Head Swath

1.07 inch

### Ink Type

#### Dye

Cyan (C), Magenta (M), Yellow (Y), Black (K)

#### Pigment

Matte Black (MBK)

### Ink Tank

PFI-102

### Ink Tank Capacity\*\*\*

130ml per Color

### Number of Colors

5

### Ink Supply Method

Tubing System

### Nozzle Recovery System

Non-firing Nozzle Detection and Compensation

### Printer Controller

L-COA Controller

### Printer Memory

256MB

### Media Feed

Top-loading Manual Feed, Front-loading Manual Feed,  
Cassette, Top-loading Roll Feed

### Media Width

#### Roll Feed, Manual Feed

8" – 24" (203mm – 610mm)

#### Cassette

8" – 17" (203mm – 432mm)

### Printable Margins

#### Roll Feed

All Sides: 0.12" (3mm) or 0" for Borderless

#### Cassette

All Sides: 0.12" (3mm)

#### Manual Feed

Left, Right, Trailing: 0.12" (3mm),  
Leading: 0.90" (23mm) or 0.12" (3mm)

### Minimum Printable Media Length

#### Roll Feed

8.0" (203mm)

#### Cassette

11.0" (279mm)

#### Top-Loading Manual Feed

11.0" (279mm)

#### Front-Loading Manual Feed

20.5" (520mm)

### Maximum Print Length\*

#### Roll Feed

59' (18m)

#### Cassette

23.4" (594mm)

#### Manual Feed (Top)

5.2" (1.6m)

#### Manual Feed (Front)

36.0" (914mm)

### Cassette Capacity (Plain Paper)

250 Sheets (Letter)  
100 Sheets (up to 13" x 19")  
50 Sheets (up to 17" x 22")

### Borderless Printing Widths (Roll Media Only)

10", 13", 14", 16", 17", 24", B4 (10.12"/257mm),  
A2 (16.54"/420mm), B2 (20.28"/515mm),  
A1 (23.38"/594mm)

### Media Cutter

Durable Rotary Blade

### Media Thickness

#### Cassette

0.08 – 0.3mm (3.2 – 11.8mil)

#### Top-Loading Manual Feed

0.07 – 0.8mm (2.8 – 31.4mil)

#### Front-Loading Manual Feed

0.5 – 1.5mm (19.6 – 59.0mil)

#### Roll Feed

0.07 – 0.8mm (3.2 – 31.4mil)

### Media Core Sizes

2" or 3" Core (2/3" Core Adapter Included)

### Maximum Roll Outer Diameter

5.9" (150mm)

### Software

#### Printing Software

imagePROGRAF Printer Driver 2007, HDI Driver for  
AutoCAD/AutoCAD, LT 2000–2008,†† Printer Driver Extra  
Kit \* (Free Layout, imageRUNNER Linking Function)

#### Utilities

Media Configuration Tool

#### Applications

Digital Photo Front-Access, GARO Device Setup Utility,  
Poster Artist 2007 (optional)

#### Device Status

GARO Status Monitor, Remote UI

### Printer Language

GARO (Canon Proprietary), HP-GL/2, HP RTL

### Operating Systems\*

Windows® 2000/XP/Windows Vista®  
Macintosh® OS 9/10 (PowerPC or Intel)

### Interface

#### Standard (Built-in)

USB 2.0 Hi-Speed, 10/100Base-T/XT

#### Optional

IEEE1394 (FireWire®)

### Acoustic Noise

#### Operation

52dB (A) or Less

#### Standby

35dB (A) or Less

#### Acoustic Power

6.6 Bels or Less

### Power Supply

AC 100–120V (50-60Hz)

### Power Consumption

#### Maximum

100W or Less

#### Standby

5W or Less (10W or less when IEEE1394 is mounted)

#### Power Off

1W or Less (Executive Order Compliant)

### Certifications

UL®, FCC Class B, ENERGY STAR®

### Operational Environment

#### Temperature

59 – 86 F° (15 – 30 C°)

#### Relative Humidity

10 – 80% (No Condensation)

#### Dimensions (H x W x D)

39.3" x 39" x 38.4"  
(997mm x 991mm x 989mm)

#### Weight (with Stand)

Approx. 149.9 lb. (68kg)

### Options

IEEE1394 Expansion Board (EB-05)  
Roll Holder Set (RH2-24)  
PosterArtist 2007

### User Replaceable Items

Print Head (PF-03)  
Ink Tanks (PFI-102)  
Maintenance Cartridge (MC-16)

### What's In The Box

Printer, User Software CD (Printer Driver, HDI Driver,  
Utilities), Application CDs, 6 Starter Ink Tanks (MBK x 2,  
Cyan, Magenta, Yellow, Black), 2" Core Media Spool with  
3" Adapter, Print-Head, Maintenance Cartridge, Media  
Cutter, Built-in Ethernet/USB 2.0 Interface, Quick Setup  
Guide (Poster), Printer Reference Guide (Booklet), Power  
Cord, One-Year Onsite Warranty, Registration Card,  
Stand, Basket, Hardware (For Setting Up the Stand)

\* After user adjustment and under the same environmental conditions. Applies to media for line drawing only.

\*\* Theoretical value based on data resolution.

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

† The maximum printable length varies depending on the application, OS, and RIP used.

†† For AutoCAD or AutoCAD LT 2000/2000i/2002/2004/2005/2006/—2007/2008

- Windows 2000/XP/2003 Server and for Macintosh, Auto Layout, and imageRUNNER Linking Function
- ▲ For imagePROGRAF Printer Driver 2007. 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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