

Canon

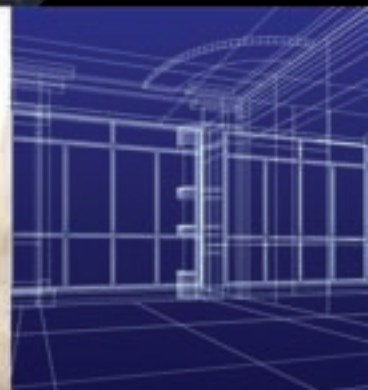
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iPF765/760



**TECHNICAL
DOCUMENTS**
LARGE-FORMAT PRINTING





Presenting the 36" wide imagePROGRAF iPF765 and iPF760 large-format printers.

The latest additions to Canon's award-winning technical document printers.



These printers are equipped with a new flat stacker/basket for 24" x 36" landscape plots, helping to ensure that prints stay organized and flat once they've been printed. The iPF765 model comes equipped with a 250GB hard drive to help streamline workflow, whether for a networked environment or those printing larger-size files with complex images.

ADVANCED TECHNOLOGIES

- **Horizontal Flat Stacker/Basket**
 - Easy to configure for flat stacking or print-capturing basket
 - Neatly stack up to twenty 24" x 36" plain paper prints
- **Interface Lock**
 - Ability to restrict access to the interfaces
 - Password protected
- **250GB Hard Drive (iPF765 printer only)**
 - 32GB printer memory
 - Meets D.O.D. DoD5220.22-M requirements
- **Convenient Operation**
 - Assisted Top Loading Media
 - Install flush against a wall
- **Sub-ink Tank System**
 - Allows for changing ink without interrupting a print job

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ADVANTAGES

Efficiencies, Productivity, and Ease of Use.

ENHANCED PRODUCTIVITY

The newly designed flat stacker/basket increases the productivity of these already feature-laden printers by providing the capability to neatly stack up to twenty, **24" x 36" plain paper prints**. The stacking option can be enabled or disabled, depending on user preference. An increased hard drive capacity on the iPF765 printer streamlines the printing workflow by bearing the processing workload on the printer to help increase overall print processing times.

INCREASED SECURITY

A new interface lock system enhances the security functions on the printer. This feature provides an option for **administrative control** to restrict usage to the printer. The Canon imagePROGRAF iPF765 printer is equipped with a disk erase feature that erases print jobs from the printer's hard disk. This meets the highest level of erasure for disk media as per the **U.S. Department of Defense requirements** (DoD5220.22-M). This feature completely erases data sent to the hard drive.

LOW OPERATIONAL COST

A number of important built-in features help minimize ink consumption, media waste, and maintenance costs to significantly reduce total cost of operation. These features include **Economy Print Mode** for lower cost per print, auto-rotation and nesting to minimize media

waste, and Canon's proprietary durable print-head that helps reduce maintenance costs. Canon has also earned **ENERGY STAR® certification** for the imagePROGRAF printers, drawing only 140 watts of power during use to help keep the total cost of operation at a minimum.

SOFTWARE SOLUTIONS

Canon includes workflow solutions to help simplify and streamline the printing process. The **Print Plug-In for Microsoft® Office** allows users of any skill level to print posters or banners directly from Microsoft Excel®, PowerPoint®, and Word. The **Accounting Manager** feature helps you easily track costs and allocate consumable expenses to projects. This allows you to track print jobs by user to calculate ink and media costs as well as the number of pages printed. The Printer Driver with **Optimization Module for AutoCAD** is intended for users with technical document printing workflows. Canon's **PosterArtist Lite** poster creation software—included with both models—gives you all the tools you need to design and output impressive large-format signs and banners.

With even more features than their predecessors, the iPF765 and iPF760 printers offer greater efficiency and productivity than ever before.



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SPECIFICATIONS



Print-Head
PF-04

Technology
FINE (Full-Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)
Up to 2400 × 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 × 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: MBK, C, Y, K
PFI-104: M

Ink Tank Capacity
Starter: 90ml
Replacement: 130ml

Ink Supply Method
Tubing System with Sub-Tanks for Continuous Ink Supply

Nozzle Recovery System
Non-firing Nozzle Detection and Compensation

Printer Controller
L-COA Controller

Hard Drive (iPF765)
250GB
(32GB Dedicated File Processing Memory)

Mail Boxes (User Job Storage) (iPF765 only)
One Common Inbox, 29 User Inboxes
(Password-protected)

Media Feed

Roll Feed
One Roll, Top-loading, Front Output

Cut Sheet
One Sheet, Top-loading, Front Output

Media Width

Roll Feed
10" – 36" (254mm – 914mm)

Cut Sheet
8" – 36" (203.2mm – 914mm)

Printable Margins

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

Cut Sheet
Leading, Sides (Left and Right): 0.12" (3mm)
Trailing: 0.91" (23mm)

Maximum Print Length (Single Page)***

Roll Feed
59' (18m)

Cut Sheet
63" (1.6m)

Borderless Printing Widths (Roll Media Only)
10", B4, A3, 14", A2, 17", B2, A1, 24"
B1, A0, 36"

Media Cutter
Durable Dual-blade Rotary Cutter

Media Thickness
0.07 – 0.8mm (2.8 – 31.4mil)

Media Core Sizes
2" and 3" Core (Adapter Included)

Maximum Roll Outer Diameter
5.9" (150mm)

Output Media Bin
Flat Stacker/Basket

Output Media Bin Capacity
20 Sheets (With Stackable Configuration)

Printing Software
imagePROGRAF Printer Driver for Windows/Mac, Optimization Module for AutoCAD (PC only), Printer Driver Extra Kit for Windows/Mac (Free Layout, Color imageRUNNER® Enlargement Copy, Advanced Preview), Print Plug-in for Microsoft Word/Excel/PowerPoint for Windows, PosterArtist Lite for Windows

Operating System†
Windows XP/Server 2003/Server 2008, Windows Vista®, Windows 7; Macintosh OS X 10.4.11-10.7.x

Print Language
GARO, HP-GL/2, HP RTL

Interface
USB 2.0 Hi-Speed, 10/100/1000BASE-T/TX

Protocol
TCP/IP (IPv4/IPv6), IPX/SPX, AppleTalk®, SNMP (Canon MIB supported), HTTP

Acoustic Noise

Operation
50dB (A) or Less

Standby
35dB (A) or Less

Acoustic Power
Approx. 6.6 Bels

Power Supply
AC 100–240V (50-60Hz)

Power Consumption

Maximum
140W or Less

Standby
5W or Less

Power Off
.5W or Less (Executive Order Compliant)

Certifications

Electrical Safety Regulations
UL® (USA), C-UL (Canada), S mark (Argentina), CB certification (Others)

Electromagnetic Interface Regulations
FCC Class B (USA), IC Class B (Canada)

Environmental Certifications
ENERGY STAR® (USA), WEEE, Executive Order (USA)

Operational Environment

Temperature
59 – 86 F° (15 – 30 C°)

Relative Humidity
10 – 80% (No Condensation)

Printer Dimensions (Main Unit and Stand) (H x W x D)
41.8" x 51.3" x 34.5" (with Basket open)
41.8" x 51.3" x 43.3" (when Basket is in the extended position for flatbed stacking)

Printer Weight (Approx.):
141.3 lb. (Roll Holder included, no inks, no print-head)

Package Dimensions (Main Unit with printer stand, basket, and palette) (H x W x D)
43.2" x 56.5" x 32.7"

Printer Weight
242.5 lb.

Options
PosterArtist
Roll Holder Set (RH2-33)

User-Replaceable Items
Ink Tank (PFI-102 MBK, C, Y, K; PFI-104 M)
Print-Head (PF-04)
Maintenance Cartridge (MC -10)

- * Line accuracy repeatability is guaranteed after a user performs necessary adjustment and under the same environmental conditions. Applies to media for line drawing (Plain Paper, Coated Paper, CAD Translucent Matte Film, and CAD Tracing Paper) only.
- ** Theoretical value based on data resolution.
- *** The maximum printable length varies, depending on the application, OS, and RIP used.
- † 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 at www.usa.canon.com.

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