









LARGE SCALE VISIONARY

THE 5-COLOR SERIES LARGE FORMAT PRINTERS



Business *can* be simple

Type	Model	Size
5-color models	iPF825 (2 rolls, with HDD) 	B0 / 44"
	iPF815 (with HDD) 	B0 / 44"
	iPF786 (NEW) (with HDD) 	A0 / 36"
	iPF781 (NEW) 	A0 / 36"
	iPF750 	A0 / 36"
	iPF681 (NEW) 	A1 / 24"
	iPF605 	A1 / 24"
	iPF510 	A2 / 17"

iPF510 17"

Size	Paper	Mode	Print Speed
A2	Plain paper / Cassette	Draft (300dpi)	Approx. 15s
A2 CAD	Plain / Roll paper	Draft (600dpi)	Approx. 21s

Key Features

- Sharper, thinner lines and high black density for CAD plan production
- Great color output with brilliant text
- HP-GL/2 and HP RTL compatible
- Borderless printing
- User friendly – simple roll paper loading and control the print from the front
- Memory: 192MB
- Dye pigment reactive ink
- 130ml ink tank per color



*picture equipped with optional automatic roll feed unit

iPF605 24"

Size	Paper	Mode	Print Speed
A1	Plain / Roll paper	Draft (300dpi)	Approx. 31s
A1 CAD	Plain / Roll paper	Draft (600dpi)	Approx. 33s

Key Features

- Sharper, thinner lines and high black density for CAD plan production
- Great color output with brilliant text
- Superb graphics with vivid colors and solid image consistency
- HP-GL/2 and HP RTL compatible
- Borderless printing
- Memory: 256MB
- Dye pigment reactive ink
- 130ml ink tank per color



*picture equipped with optional stand

iPF750 36"

Size	Paper	Mode	Print Speed
A0	Plain paper	Draft (300dpi)	Approx. 46s
A0 CAD	Plain paper	Draft (600dpi)	Approx. 48s

Key Features

- Space saving – Unique compact design
- Hot swap ink tank – continuous printing during ink tank replacement
- HP-GL/2 and HP RTL compatible
- Borderless printing
- Memory: 256MB
- Dye pigment reactive ink
- 130ml ink tank per color



NEW

24"

iPF681

Size	Paper	Mode	Print Speed
A1	Plain paper	Draft (300dpi)	Approx. 26s
A1 CAD	Plain paper	Draft (600dpi)	Approx. 28s

Key Features

- Space saving – Unique compact design
- Hot swap ink tanks – continuous printing during ink tank replacement
- Borderless printing
- Memory: 256MB
- Dye pigment reactive ink
- New magenta ink for brighter red color output
- 130ml and 300ml ink tank per color
- Cloud ready for immediate sharing, easy access from mobile devices



NEW

36"

iPF781

Size	Paper	Mode	Print Speed
A0	Plain paper	Draft (300dpi)	Approx. 46s
A0 CAD	Plain paper	Draft (600dpi)	Approx. 48s

Key Features

- Space saving – Unique compact design
- Hot swap ink tanks – continuous printing during ink tank replacement
- HP-GL/2 enhancement
- Memory: 256MB
- Dye pigment reactive ink
- New magenta ink for brighter red color output
- 130ml and 300ml ink tank per color
- Cloud ready for immediate sharing, easy access from mobile devices



NEW

36"

iPF786

Size	Paper	Mode	Print Speed
A0	Plain paper	Draft (300dpi)	Approx. 46s
A0 CAD	Plain paper	Draft (600dpi)	Approx. 48s

Key Features

- Space saving – Unique compact design
- Hot swap ink tanks – continuous printing during ink tank replacement
- Borderless printing
- Memory: 32GB (Physical DRAM: 256MB)
- 320GB HDD
- Dye pigment reactive ink
- New magenta ink for brighter red color output
- 130ml and 300ml ink tank per color
- Cloud ready for immediate sharing, easy access from mobile devices



44"

iPF815

iPF825

Size	Paper	Mode	Print Speed
A0	Plain paper	Draft (300dpi)	Approx. 53s
A0 CAD	Plain paper	Draft (600dpi)	Approx. 45s

Key Features

- Space saving – Unique compact design
- Hot swap ink tanks – continuous printing during ink tank replacement
- Memory: 32GB (Physical DRAM: 384MB)
- Built-in 160GB HDD
- Enhanced HP-GL/2 support
- Dye pigment reactive ink
- 330ml and 700ml ink tank per color
- Equipped with two media rolls to support multiple media types and long print runs (for iPF825 only)



Large-Format Inkjet Printers

Enabling the high speed production of high definition extra large posters and maps

The technology found in Canon inkjet printers is changing the large-format printing world. FINE print head technology has led to the development of wide print heads that provide high definition, high speed printing on large-scale media. Large-format inkjet printing offers a wide range of applications, including artwork to adorn walls, architectural CAD, and cultural projects.

Overview of Large-format inkjet printers

Using the same principle as a conventional inkjet printer, a heater causes bubbles to form in the ink, ejecting microscopic ink droplets to print on large-format media.

High-Capacity HDD

Temporarily stores print data from a computer. In addition to reducing the time required from issuing print instructions to the completion of output, it enables the printing of the necessary number of copies without using a computer.

L-COA

An image processor that processes large volumes of image data and creates print data (located on the printed circuit board).

Multiple Sensor

Adjust the head position, detect paper width, and automatically calibrate colors.

High-Capacity Ink Tanks

Between 5 and 12 individual color ink tanks supply ink to the print head via tubes.

- LUCIA/LUCIA EX
- Reactive Ink Technology

Hot Swap Ink Tanks

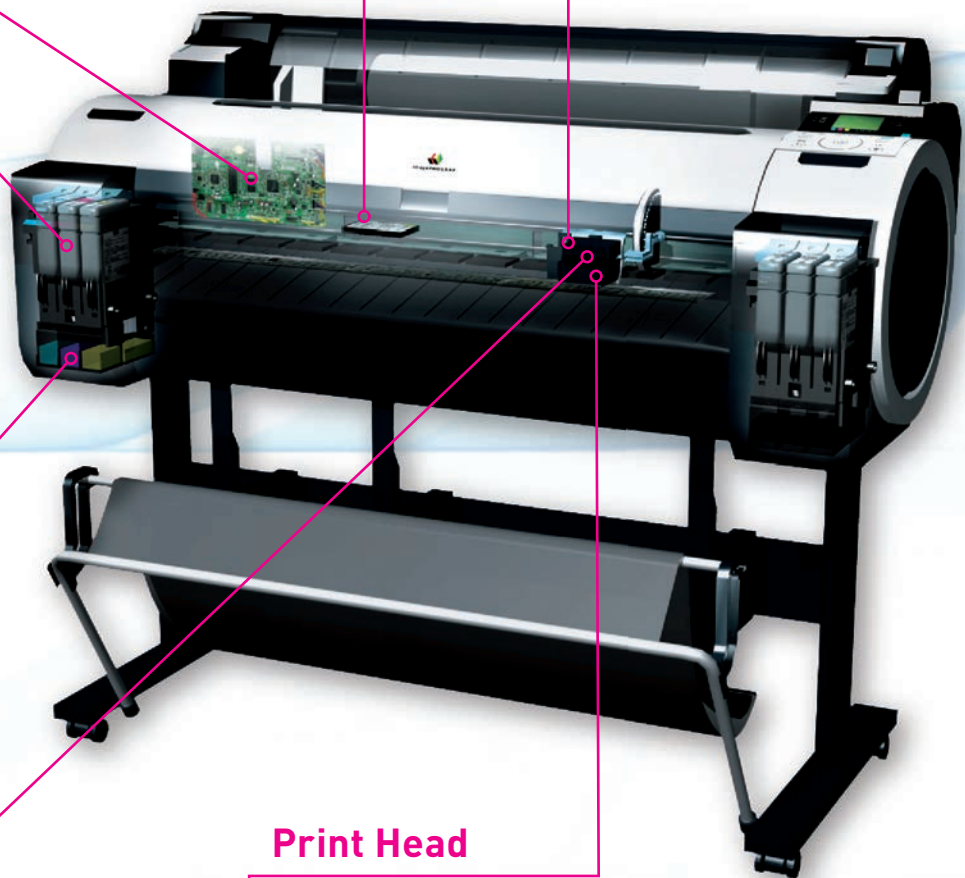
Buffer ink tanks located inside the printer itself for storing a certain amount of ink. This enables the replacement of ink tanks without needing to stop printing.

Carriage

Transports the print heads horizontally.

Print Head

This one-inch-wide (2.54 cm) head can print six colors. There are 2,560 nozzles per color.



imagePROGRAF Technology

Technology that Reveals True Beauty

High quality from maximum 2400 x 1200dpi high resolution

"FINE" HIGH DENSITY PRINT HEAD TECHNOLOGY

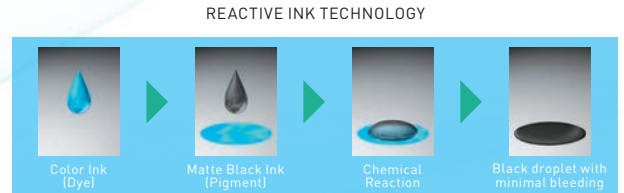
A "FINE" high density print head technology born out of advanced semiconductor manufacturing technology. Achieves a maximum 2400 x 1200dpi high resolution by being able to express ink droplets that are a miniscule of minimum 4 pl (billionths of a litre). You get a letter quality output with no graininess.



Combining clear letters and lines and vivid colors

5 COLOR DYE AND PIGMENT INKS FOR HIGH-DEFINITION CAD PRINTING

Printing architectural drawings and design plans requires accurate printing of fine lines. Canon-developed reactive ink technology exploits the reaction between Dye color inks and pigment-based matte black ink to prevent blurring along the edges of text characters and lines.

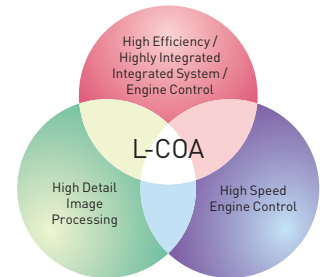


Advanced Technology Enables Faster Output

With the intelligence to rapidly handle large volumes of image data

THE "L-COA" IMAGE PROCESSOR

The printer takes advantage of equipped "L-COA" image processor to provide high speed and high precision image processing and printer control. Both high resolution and speed printing is possible, thanks to the advanced accuracy of the image processor and the high density print head technology "FINE".

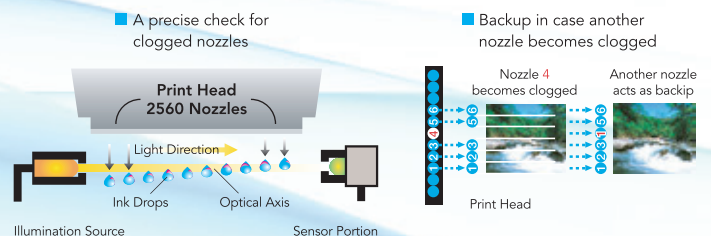


Easy Use with Functions and Style that Support Efficiency

Maintains high resolution and reduces misprints

NOZZLE CALIBRATION SYSTEM

When a nozzle in the print head becomes clogged, it will be checked by a sensor and another nozzle will automatically substitute for it. This not only reduces misprints and ink waste due to unnecessary cleaning of the print head.



Prevent running out of paper in middle of a print job

ROLL PAPER REMAINING MANAGEMENT FUNCTION

A counter in the printer calculates the amount of paper used from the roll and detects the amount of paper remaining. It can provide a warning if the remaining paper is insufficient for the output data to prevent running out of paper in the middle of a job. Also, it can print a paper information bar code, the value of the paper remaining on the roll and the type of paper on the end of the roll when you change out a roll paper.



Eliminating misprints due to the ink running out

FUNCTION TO MONITOR THE REMAINING INK LEVELS

There is a display that shows the amount of ink remaining and there is a warning when the ink gets low. Also, the amount of ink remaining is saved on a smart chip on the ink tanks. The remaining ink volume detection will continue even if the partially used ink tank is removed and reset. In addition, there is an LED that provides warning of an equipment error or that the ink is out which increases the convenience.



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FULLY FRONT ACCESSIBLE OPERATIONS

suitable for
iPF681/750/
781/786

Fully Front-Accessible
Operation

- Ink replacement
- Paper loading and jam clearing



Flush Installation
Offer space savings

EASY SLIDE-IN ROLL PAPER LOADING

suitable for
iPF681/750/
781/786

Features a slide-in loading system in which paper rolls are first placed on top of the printer, then slide in along guide rails. Rolls are loaded at a point easily accessible from the front of the printer for easy loading from a natural posture.



Temporarily set rolls here

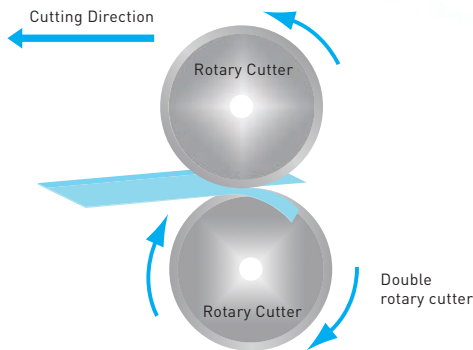


Slide rolls to load them

High-Productivity for Large Volume Printing

PERMANENT SELF-PROPELLED DOUBLE ROTARY CUTTER

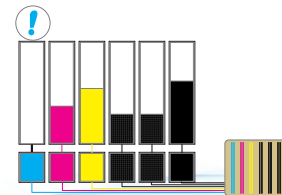
suitable for
iPF681/750/
781/786/
815/825



INK TANK REPLACEMENT WITHOUT STOPPING PRINTING

suitable for
iPF681/750/
781/786/
815/825

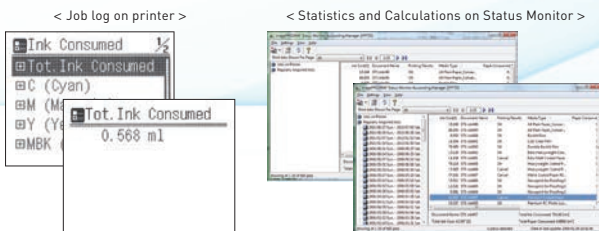
Constantly reserving ink level in subtank allows users replace ink tanks without having to stop printing. Even when ink runs out unexpectedly, users can continue printing using the subtanks. This also enables full use of ink tank contents, eliminating wastage of ink.



ACCOUNTING FUNCTIONS

suitable for
iPF681/750/
781/786/
815/825

The Status Monitor includes accounting functions to collect job log information and calculate printing costs. This collects job logs to identify who printed what document from what printer and calculates the number of pages and sheets printed altogether with printing costs.



FEEDING FROM DUAL ROLLS

suitable for
iPF825

It allows switching between media for various printing application after two rolls of different media types or sizes loaded and high-volume printing from two rolls of same media. User can manually select their desired roll or an auto roll switching mechanism automatically selects the correct roll based on media type or size settings of print jobs.

Up to 44-inch dual
roll paper loaded



NEW HIGH-CAPACITY INK TANKS (300ml)

suitable for
iPF681/781/
786

Support high volume continuous printing with the new large capacity 130/300ml ink tanks for iPF681/781/786. They can be interchanged according to frequency of use.



175M MAXIMUM LENGTH OF PRINT (WITH RIP)

suitable for
iPF781/786

The maximum length of print (with RIP) is 175m which greatly improves productivity for large print jobs.

imagePROGRAF Technology

FLATBED MEDIA STACKER

suitable for
iPF681/750/
781/786

This neat flatbed stacker stacks drawings in the order of printing without being bent or folded. Ejection face-down is also convenient because the order of printing is maintained.



320 GB BUILT-IN HARD DISK DRIVE

suitable for
iPF786

- » Larger amount of print job data can be saved on the internal hard disk drive
- » Improved support for intricate CAD and GIS drawings, complex or data-heavy files
- » More dedicated file-processing memory is provided on the 320 GB HDD with 32 GB of virtual RAM

Powerful Support for CAD Output

imagePROGRAF includes Windows and other dedicated drivers supporting industry-standard

AUTOCAD DRIVER

AutoCAD optimized printer driver specifically developed for Autodesk AutoCAD is prepared. This enables faithful printing of drawing data created with AutoCAD by printing control optimal for AutoCAD. iPF681/781/786 support major page description languages, HP-GL/2 and HP RTL enables faithful printing from various CAD applications.

suitable for
iPF510/605/
681/750/781/
786/815/825

ECONOMY PRINTING MODE

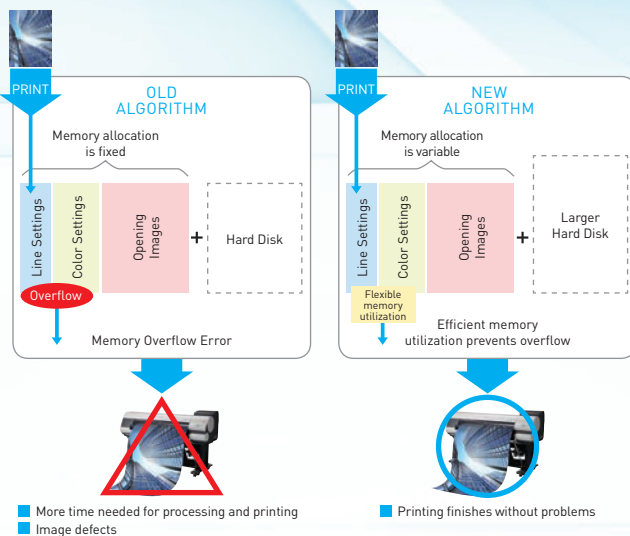
Includes an Economy printing mode* using approximately half the ink used for Draft mode, useful for checking layouts, etc.

*Using plain paper, tracing paper, or translucent matte film only. May not be available for certain print quality settings.

ENHANCED HP-GL/2 SUPPORT

suitable for
iPF681/750/
781/786/
815/825

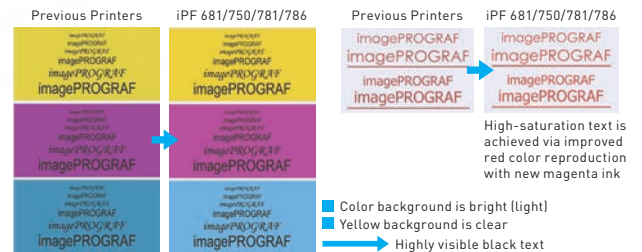
New optimized HP-GL/2 data processing algorithm and updated method of memory space allocation. Now it is also possible to print with the HP-GL/2 color palette.



IMPROVED CAD PRINT QUALITY

suitable for
iPF681/750/
781/786

Increased line and text visibility and clearer color separation of HP/GL-2 color palette.



suitable for
iPF681/750/
781/786/
815/825

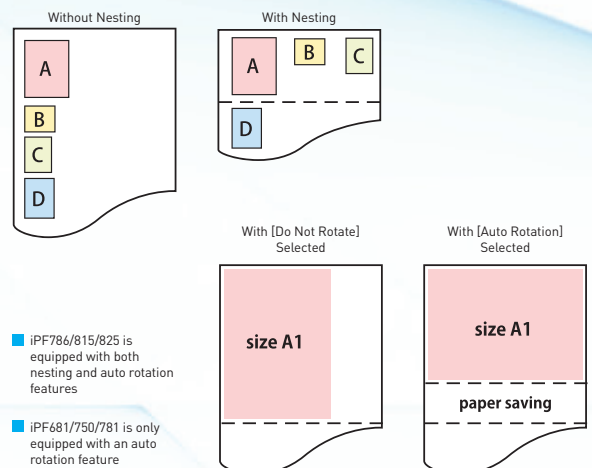
COLOR EMULATION

Emulation function approximates the colors produced by the printers previously used. Color lookup tables (LUTs) will be provided for the following printers for which color emulation is intended when printing on plain paper, CAD tracing paper, coated paper, and CAD translucent matte film.

available during HP-GL/2 or HP RTL Printing

NESTING/AUTO ROTATION

Nesting and auto rotation reduces waste paper. Thus, making effective use of roll space.



imagePROGRAF MFP Solution

Simple functionality and efficient operability

The imagePROGRAF MFP M40 Solution is a powerful Scan-to-Copy/File/Email/Cloud and print solution that combines speed and precision with exceptional versatility. The integrated stand allows the user to position the monitor in a variety of configurations to provide optimal functionality and comfort. It also allows the user to mount the stand onto the printer or keep them separate for easy maneuverability.

M40

Key features & functions

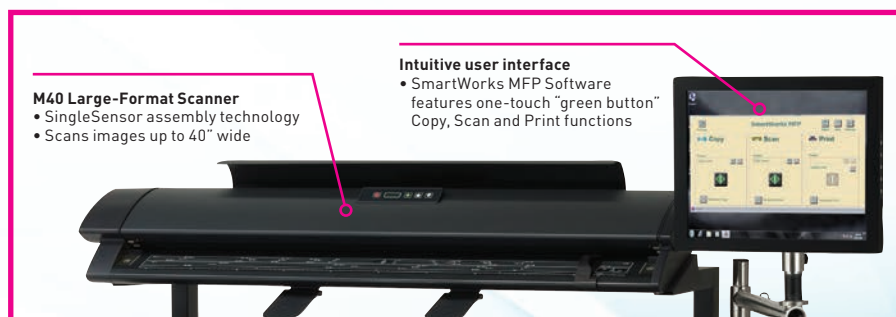
- » Customise your solution and choose from 9 configurations on the 24" to 44" models — iPF605, iPF681, iPF750, iPF781, iPF786, iPF815, iPF825, iPF6410SE and iPF8410SE
- » Large, easy-to-use 22" touch screen interface with dynamic preview, custom presets & image adjustment on preview window
- » Precise, fine and detail lines with 2400 x 1200dpi printing with 4pl ink droplets
- » Up to 320GB Hard Disk Drive ensure easy handling of print jobs*

*Not available on all configurations.

Main Specifications

Scan Width (inches)
Max. Document Width (inches)
Max. Document Thickness (inches)
Max. Resolution
Weight
CIS Configuration
Illumination
Front / Rear Exit
Document Handling - Face Up/Down
Document Thickness
Paper Path
Optical Resolution (dpi)
Scan Speed (inches/sec) 8-bit color at 200 dpi
Scan Speed (inches/sec) 24-bit grayscale at 200 dpi
Interface USB
Control Panel
Operating System
Package
MFP Scanner Dimensions (H x W x D)
External Power Supply
Scanner Power Consumption
Operating Environments
Compliances

1) SCANNING
2) STAND-BY



Large-Format Ink-Jet Printer

- Choose from 9 models



On-Board PC Software and Workflow Solutions

- Direct Print & Share Cloud Portal Solution
- PosterArtist Lite
- Canon Printer Driver
- Print Plug-in for Office
- Accounting Feature

Scan Width (inches)	40" (101.6cm)
Max. Document Width (inches)	42" (106.7cm)
Max. Document Thickness (inches)	2.0mm
Max. Resolution	1200dpi
Weight	25kg
CIS Configuration	Single Sensor
Illumination	Full width dual LED illumination
Front / Rear Exit	Straight media path with front entry, rear exit of rewind to front
Document Handling - Face Up/Down	UP
Document Thickness	2.0mm
Paper Path	Flat
Optical Resolution (dpi)	1200dpi
Scan Speed (inches/sec) 8-bit color at 200 dpi	13.0 ips
Scan Speed (inches/sec) 24-bit grayscale at 200 dpi	3.0 ips
Interface USB	3.0 (backward compatible to USB2)
Control Panel	Start / Stop, Advance / Rewind, ASF (Auto Size Finder) Readout
Operating System	Windows 7 only (32/64 bit)
Package	Bundled stand, scanner, touch screen monitor & SmartWorks MFP software
MFP Scanner Dimensions (H x W x D)	1677 x 1361 x 800mm
External Power Supply	100 - 240V, 56/60Hz, Auto sensing
Scanner Power Consumption	53W
	5W
Operating Environments	10°C-35°C, 35%-80% RH non-condensing
Compliances	CB, CE, FCC, VCCI, UL, RoHS, CCC, ENERGY STAR® qualified

imagePROGRAF Software Solution

Direct Print & Share



Easy Direct File Printing, File Sharing via Cloud

Direct Print & Share enables preview, direct printing and sharing via cloud for multiple files in several formats such as PDF, TIFF, JPEG. With this new version, the improved features are:

- » Shortcut Print: allows the user to set and save print settings that they use regularly. The user drops files on the shortcut and the files will be printed without having to open the application. This is an ideal solution for repetitive jobs or for users not familiar with printing to a Large Format Printer.
- » Additional Cloud services: On top of Google Cloud, Direct Print & Share also supports other Cloud services. This expands Direct Print & Share to a wider audience and allows more users to print to Canon iPF printers.
- » HP-GL/2 file support: This streamlines workflow of high-volume continuous printing of posters and CAD drawings.

Print Utility on iPad

NEW

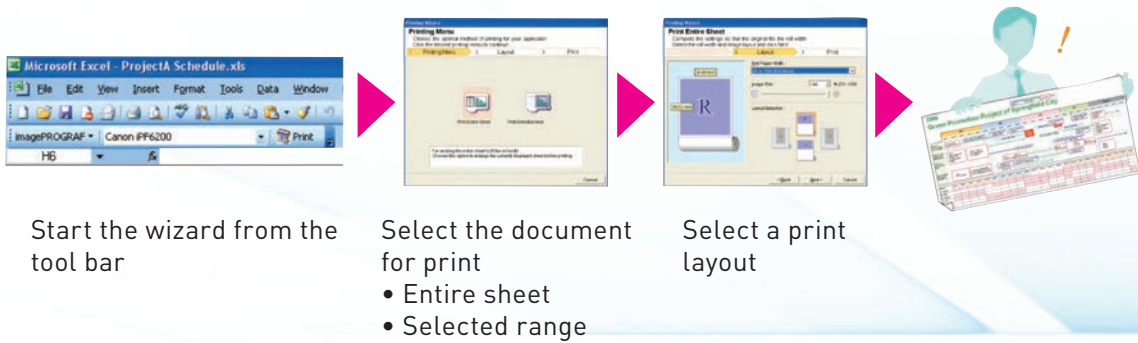


Large-format printing from iPad

- » Supported models: iPF681/781/786/815/825
- » All iPad versions except 1st generation are supported
- » View CAD drawings on an iPad and print them from an imagePROGRAF printer
- » Multiple printers can be registered
- » This app allows users to review drawings and print to their iPF printer as long as they are within the same network

PRINT PLUG-IN FOR OFFICE FOR EASY LARGE-FORMAT PRINTING OF MICROSOFT EXCEL, WORD AND POWERPOINT DOCUMENTS

Print Plug-In allows large-format prints to be produced easily by following the wizard instructions for documents and charts created in Microsoft Office. Schedules and project progress charts created in Excel which do not fit on standard paper size can be printed on a single sheet with a minimal amount of blank space. Output created using Word or PowerPoint can be used to produce borderless posters or banner prints efficiently.

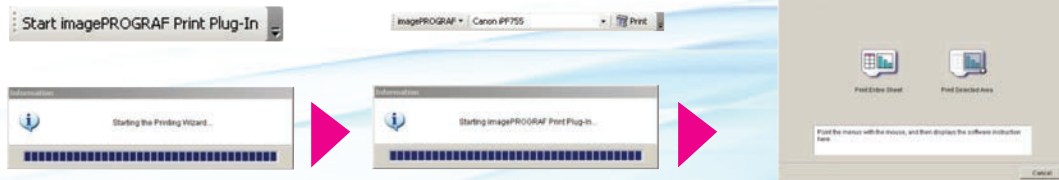


WORKFLOW OVERVIEW: PLUG-IN FOR EXCEL

Launch Excel, then select Start imagePROGRAF Print Plug-In

Select Print Button

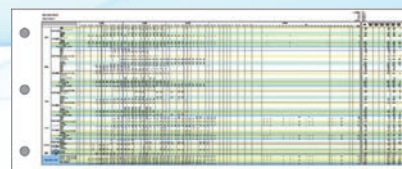
Choose Print Entire Sheet or Selected Area



Set Paper Width and Orientation



Set Paper Type & Print



Choose Print Entire Sheet or Selected Area



Carrying document in a binder is more convenient



Set "Binding Direction" and "Binding Margin"

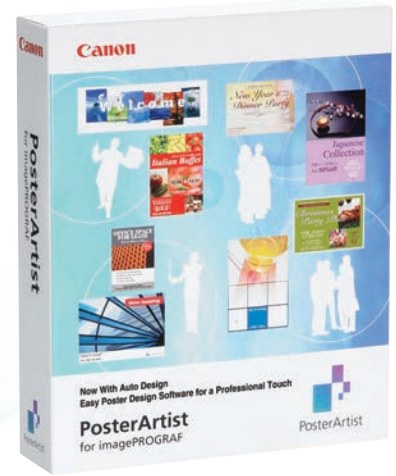
PosterArtist

Poster creation made simple in 4 easy steps





PosterArtist is an easy to use, template-driven poster creation software that helps users of all levels of experience to create professional-looking posters, banners, and signage. It's all in the box.

With PosterArtist, users will have access to:

- 200 pre-designed templates
- Over 1000 royalty-free images and clipart
- Backgrounds
- Frames
- Text graphics
- and more



FOUR EASY STEPS TO POSTER CREATION

- 1 Select template.** With over 175 templates to choose from, you are certain to find something that will meet your needs. 
- 2 Media options.** Using Paper Options, determine the style of your final output by selecting media size and type. 
- 3 Customize.** With dozens of editing functions and hundreds of high-resolution images, you can personalize your creation. 
- 4 Print.** Have confidence in your posters. With built-in print preview and design check features, your poster will print as intended. It's that easy. 

DISCOVER EASY TO UNDERSTAND AND SIMPLE TO USE ADVANCED FEATURES.

Auto Design

With PosterArtist's Auto Design feature, there's no reason to employ a professional in-house designer. Just use Canon's Dynamic Layout Engine Technology in 3 easy steps:

1. Select a template
2. Choose a style
3. Input text and images

Page Capture

Use Page Capture to transform your Microsoft Word® documents and PowerPoint® slides into a poster. After importing the files into PosterArtist, simply select the output size, add text, and send to the printer.

Quick Copy

This function can be used as a quick solution for enlarging documents. Using a Canon CanoScan® scanner (not included), you can easily enlarge a letter-sized document to poster size with the click of a button!

Variable Data

Save time when creating multiple posters with Variable Data. It simplifies the process by linking your poster to a database allowing for quick and easy personalization of signage, providing for huge time-saving opportunities for businesses.

PosterArtist. The right solution for your application that offers you versatility for any market.



Schools

- Enlargements of artistic work
- Student of the month poster
- Research presentations
 - Posters of maps
 - Study guides



Retail

- Notices on new products
- In-store maps & floor guides
- Posters for sales campaigns
- Posters for special offers
- Pricing comparisons



Hotels

- Wedding reception displays
- Local tourism guides
- Restaurant guides
- Evacuation routes
- Greeting notices



Offices

- Project management charts
- Sales/campaign notices
- Product explanations
- Presentation materials
- Sales results charts



Factories

- Process management charts
- Quality and yield displays
- Parts inventory tables
- Production line layout
- Supervision charts



Transport

- Guide maps in airports
- Service information
- Promotional posters
 - Local area maps
 - Tourist guides



Hospitals









- Decorations in rooms
- Disease illustrations
 - Eye charts
 - Floor plans
 - Schedules




Public Venue

- Posters for shows and exhibits
- Special events and functions
 - Venue decorations
 - Venue guide maps
 - Seasonal posters

Specifications

				 NEW!
TECHNOLOGY				
Printer Type	5 Color - 17"	5 Color - 24"	5 Color - 36"	5 Color - 24"
Print Resolution	2400 x 1200dpi	2400 x 1200dpi	2400 x 1200dpi	2400 x 1200dpi
Print Head Model	PF-03	PF-03	PF-04	PF-04
Line Accuracy	±0.1% or less	±0.1% or less	±0.1% or less	±0.1% or less
Ink Droplet Size	4 Picoliter	4 Picoliter	4 Picoliter	4 Picoliter
Ink Capacity	130ml per color Bundled Starter Ink: 90ml per color	130ml per color Bundled Starter Ink: 90ml per color	130ml per color Bundled Starter Ink: 90ml per color	130ml or 300ml per color Bundled starter ink : 130ml for MBK, 90ml each for BK, C, M, Y
Ink Type	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)
Printer Language	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL
Standard Interfaces (Built-in)	High-Speed USB Ethernet 10/100 Base-T/TX	High-Speed USB Ethernet 10/100 Base-T/TX	High-Speed USB Ethernet 10/100/1000 Base-T/TX	High-Speed USB Ethernet 10/100/1000 Base-T/TX
PRINTING SPEED				
Printing Speed	A2 size, Roll Paper: Plain Paper: 15 sec (Draft mode, 300dpi) Coated Paper: 55 sec (Standard Mode, 600dpi) Glossy Photo Paper: 98 sec (Standard Mode, 600dpi)	A1 size, Roll Paper: Plain Paper: 31 sec (Draft Mode, 300dpi) Coated Paper: 96 sec (Standard Mode, 600dpi) Glossy Photo Paper: 164 sec (Standard Mode, 600dpi)	A0 size, Roll Paper: Plain Paper: 49 sec (Draft Mode, 300dpi) Coated Paper: 161 sec (Standard Mode, 600dpi) Glossy Photo Paper: 254 sec (Standard Mode, 600dpi)	A1 size, Roll Paper: Plain Paper: 26 sec (Draft Mode, 300dpi) Coated Paper: 88 sec (Standard Mode, 600dpi) Glossy Photo Paper: 141 sec (Standard Mode, 600dpi)
MEMORY				
Standard Memory	192MB	256MB	256MB	256MB
Hard Disk	—	—	—	—
MEDIA HANDLING				
Media Width	Roll Paper: 203mm to 432mm Cut Sheet: 203mm to 432mm	Roll Paper: 203mm to 610mm Cut Sheet: 203mm to 610mm	Roll Paper: 254mm to 914.4mm Cut Sheet: 203mm to 917mm	Roll Paper: 254mm to 610mm Cut Sheet: 203mm to 610mm
Media Thickness	Roll Paper: 0.07mm to 0.8mm Cut Sheet: - Cassette: 0.08mm to 0.3mm - Manual feed (Top): 0.07mm to 0.8mm - Manual feed (Front): 0.5mm to 1.5mm	Roll Paper: 0.07mm to 0.8mm Cut Sheet: - Manual feed (Top): 0.07mm to 0.8mm - Manual feed (Front): 0.5mm to 1.5mm	Roll Paper: 0.07mm to 0.8mm Cut Sheet: 0.07mm to 0.8mm	Roll Paper: 0.07mm to 0.8mm Cut Sheet: 0.07mm to 0.8mm
Minimum Printable Length	Roll Paper: 203mm Cassette: 279mm Manual feed (Top): 279mm Manual feed (Front): 520mm	203mm	Roll Paper: 203mm Cut Sheet: 279mm	Roll Paper: 203.2mm Cut Sheet: 279.4mm
Maximum Media Roll Outer Diameter	150mm	150mm	150mm	150mm
Media Core Size	Internal diameter of roll core: 2" or 3"	Internal diameter of roll core: 2" or 3"	Internal diameter of roll core: 2" or 3"	Internal diameter of roll core: 2" or 3"
Paper Feed Method	Roll Paper: One Roll, Top Loading, Front Output Cut Sheet: - Cassette: Front Loading, Front Output - Manual Feed: One sheet, Top-feeding, Front Output	Roll Paper: One Roll, Top Loading, Front Output Cut Sheet: - Manual Feed: One sheet, Front-feeding and Front Output, One sheet, Top-feeding and Front Output	Roll Paper: One Roll, Top Loading, Front Output Cut Sheet: - Manual Feed: Top-feeding, Front Output using Media Locking Lever	Roll Paper: One roll, Top Loading, Front Output Cut Sheet: - Manual Feed: Top-feeding, Front Output using media locking lever
Borderless Printing Width (Roll Paper only)	10" (254 mm), B4 (257 mm), A3+ (329mm), 14" (356 mm), 16" (407 mm), A2 (420 mm), A2+/17" (432 mm)	10" (254 mm), B4 (257 mm), A3+ (329mm), 14" (356 mm), 16" (407 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515mm), A1 (594mm), 24" (610mm)	10" (254 mm), B4 (257 mm), A3+ (329mm), Banner (300mm), 14" (356mm), A2 (420 mm), A2+/17" (432 mm), B2 (515mm), A1 (594mm), 24" (610mm), B1 (728mm), A0 (841mm), 36" (914mm)	10" (254 mm), B4 (257 mm), A3 (297 mm), Banner (300 mm), 14" (356 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm)
DIMENSIONS AND WEIGHT				
Physical Dimensions (WxDxH)	819 (W) x 733 (D) x 317 (H) mm Weight: approx. 39kg (excluding consumables and a printer stand) 819 (W) x 981 (D) x 989 (H) mm Weight: approx. 58kg (Main unit with printer stand excluding consumables) 960 (W) x 874 (D) x 638 (H) mm Weight: approx. 57kg (Main unit with pallet)	997 (W) x 670 (D) x 344 (H) mm Weight: approx. 45kg (excluding consumables and a printer stand) 997 (W) x 870 (D) x 993 (H) mm Weight: approx. 60kg (Main unit with printer stand excluding consumables) 1140 (W) x 914 (D) x 645 (H) mm Weight: approx. 69kg (Main unit with pallet)	1304 (W) x 877 (D) x 1062 (H) mm Weight: approx. 63.9kg (Main unit with printer stand excluding consumables) 1434 (W) x 830 (D) x 773 (H) mm Weight: approx. 83.6kg (Main unit with pallet)	997 (W) x 757 (D) x 507 (H) mm Weight: approx. 46.0kg (Main unit with printer stand excluding consumables and a printer stand) 997 (W) x 887 (D) x 1062 (H) mm Weight: approx. 56.7kg (Main unit with printer stand and basket open excluding consumables) 1127 (W) x 878 (D) x 795 (H) mm Weight: approx. 74.0kg (Main unit with pallet)
POWER AND OPERATING REQUIREMENTS				
Power Supply	AC 100V to 120V (50 to 60Hz) AC 220V to 240V (50 to 60Hz)	AC 100V to 120V (50 to 60Hz) AC 220V to 240V (50 to 60Hz)	AC 100V to 120V (50 to 60Hz)	AC 100V to 120V (50 to 60Hz)
Power Consumption	Operation: 100W or less Standby: 6W or less Power off (Standby): 1W or less	Operation: 100W or less Standby: 6W or less Power off (Standby): 1W or less	Operation: 140W or less Standby: 6W or less Power off (Standby): 1W or less	Operation: 140W or less Standby: 5W or less Power off (Standby): 0.5W or less
Operating Environment	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)
Noise Level (Approx.)	Operation: 52dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.6 Bels or less	Operation: 49dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.3 Bels or less	Operation: 50dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.6 Bels or less	Operation: 47dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.4 Bels or less
				 NEW!
	iPF510	iPF605	iPF750	iPF681 NEW!

				
TECHNOLOGY				
Printer Type	5 Color - 36"	5 Color - 36"	5 Color - 44"	5 Color - 44"
Print Resolution	2400 x 1200dpi	2400 x 1200dpi	2400 x 1200dpi	2400 x 1200dpi
Print Head Model	PF-04	PF-04	PF-03	PF-03
Line Accuracy	±0.1% or less	±0.1% or less	±0.1% or less	±0.1% or less
Ink Droplet Size	4 Picoliter	4 Picoliter	4 Picoliter	4 Picoliter
Ink Capacity	130ml or 300ml per color Bundled starter ink : 130ml for MBK, 90ml each for BK, C, M, Y	130ml or 300ml per color Bundled starter ink : 130ml for MBK, 90ml each for BK, C, M, Y	330ml or 700ml per color Bundled starter ink : 330ml per color	330ml or 700ml per color Bundled starter ink : 330ml per color
Ink Type	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)	Pigment ink - 5 colors (BK/MBK x 2 / C / M / Y)
Printer Language	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL	GARO [Graphic Arts language with Raster Operations], HP-GL/2, HP RTL
Standard Interfaces (Built-in)	High-Speed USB Ethernet 10/100/1000 Base-T/TX	High-Speed USB Ethernet 10/100/1000 Base-T/TX	High-Speed USB Ethernet 10/100 Base-T/TX	High-Speed USB Ethernet 10/100 Base-T/TX
PRINTING SPEED				
Printing Speed	A0 size, Roll Paper: Plain Paper: 46 sec (Draft Mode, 300dpi) Coated Paper: 159 sec (Standard Mode, 600dpi) Glossy Photo Paper: 252 sec (Standard Mode, 600dpi)	A0 size, Roll Paper: Plain Paper: 46 sec (Draft Mode, 300dpi) Coated Paper: 159 sec (Standard Mode, 600dpi) Glossy Photo Paper: 252 sec (Standard Mode, 600dpi)	A0 size, Roll Paper: Plain Paper: 53 sec (Draft Mode, 300dpi) Coated Paper: 180 sec (Standard Mode, 600dpi) Glossy Photo Paper: 277 sec (Standard Mode, 600dpi)	A0 size, Roll Paper: Plain Paper: 53 sec (Draft Mode, 300dpi) Coated Paper: 180 sec (Standard Mode, 600dpi) Glossy Photo Paper: 277 sec (Standard Mode, 600dpi)
MEMORY				
Standard Memory	256MB	32GB (Physical DRAM: 256MB)	32GB (Physical DRAM: 384MB)	32GB (Physical DRAM: 384MB)
Hard Disk	—	320GB	160GB	160GB
MEDIA HANDLING				
Media Width	Roll Paper: 254mm to 914mm Cut Sheet: 203mm to 917mm	Roll Paper: 254mm to 914mm Cut Sheet: 203mm to 917mm	Roll Paper: 254mm to 1118mm Cut Sheet: 203mm to 1118mm	Roll Paper: 254mm to 1118mm Cut Sheet: 203mm to 1118mm
Media Thickness	Roll Paper: 0.07mm to 0.8mm Cut Sheet: 0.07mm to 0.8mm	Roll Paper: 0.07mm to 0.8mm Cut Sheet: 0.07mm to 0.8mm	Roll Paper: 0.07mm to 0.8mm Cut Sheet: 0.07mm to 0.8mm	Roll Paper: 0.07mm to 0.8mm Cut Sheet: 0.07mm to 0.8mm
Minimum Printable Length	Roll Paper: 203.2mm Cut Sheet: 279.4mm	Roll Paper: 203.2mm Cut Sheet: 279.4mm	203mm	203mm
Maximum Media Roll Outer Diameter	150mm	150mm	150mm	150mm
Media Core Size	Internal diameter of roll core: 2" or 3"	Internal diameter of roll core: 2" or 3"	Internal diameter of roll core: 2" or 3"	Internal diameter of roll core: 2" or 3"
Paper Feed Method	Roll Paper: One roll, Top Loading, Front Output Cut Sheet: - Manual Feed: Top-feeding, Front Output	Roll Paper: One roll, Top Loading, Front Output Cut Sheet: - Manual Feed: Top-feeding, Front Output	Roll Paper: One Roll, Front Loading, Front Output Cut Sheet: - Manual Feed: Front Loading, Front Output	Roll Paper: Two Rolls, Front Loading, Front Output Cut Sheet: Manual Feed: Front Loading, Front Output
Borderless Printing Width (Roll Paper only)	10" (254 mm), B4 (257 mm), A3 (297 mm), Banner (300 mm), 14" (356 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm), B1 (728 mm), A0 (841 mm), 36" (914 mm)	10" (254 mm), B4 (257 mm), A3 (297 mm), Banner (300 mm), 14" (356 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm), B1 (728 mm), A0 (841 mm), 36" (914 mm)	B2 (515mm), B0 (1,030 mm), A1 (594mm), A0 (841mm), 10" (254mm), 14" (356mm), 17" (432mm), 24" (610mm), 36" (914mm), 42" (1,067mm)	B2 (515mm), B0 (1,030 mm), A1 (594mm), A0 (841mm), 10" (254mm), 14" (356mm), 17" (432mm), 24" (610mm), 36" (914mm), 42" (1,067mm)
DIMENSIONS AND WEIGHT				
Physical Dimensions (WxDxH)	1304 (W) x 877 (D) x 1062 (H) mm Weight: approx. 68kg (Main unit with printer stand excluding consumables) 1434 (W) x 1130 (D) x 795 (H) mm Weight: approx. 113kg (Main unit with pallet)	1304 (W) x 877 (D) x 1062 (H) mm Weight: approx. 69kg (Main unit with printer stand excluding consumables) 1434 (W) x 1130 (D) x 795 (H) mm Weight: approx. 113kg (Main unit with pallet)	1893 (W) x 975 (D) x 1144 (H) mm Weight: approx. 138kg (Main unit with printer stand and basket excluding consumables) 2080 (W) x 1060 (D) x 867 (H) mm Weight: approx. 166kg (Main unit with pallet)	1893 (W) x 1291 (D) x 1144 (H) mm Weight: approx. 189kg (Main unit with printer stand and basket excluding consumables) 2080 (W) x 1060 (D) x 867 (H) mm Weight: approx. 166kg (Main unit with pallet)
POWER AND OPERATING REQUIREMENTS				
Power Supply	AC 100V to 240V (50 to 60Hz)	AC 100V to 240V (50 to 60Hz)	AC 100V to 240V (50 to 60Hz)	AC 100V to 240V (50 to 60Hz)
Power Consumption	Operation: 140W or less Standby: 5W or less Power off (Standby): 0.5W or less	Operation: 140W or less Standby: 5W or less Power off (Standby): 0.5W or less	Operation: 190W or less Standby: - 5W or less (100V to 120V) - 6W or less (220V to 240V) Power off (Standby): 1W or less	Operation: 190W or less Standby: - 5W or less (100V to 120V) - 6W or less (220V to 240V) Power off (Standby): 1W or less
Operating Environment	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)	Temperature: 15 to 30°C Humidity: 10 to 80% (Condensation-free)
Noise Level (Approx.)	Operation: 48dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.5Bels or less	Operation: 48dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.5Bels or less	Operation: 52dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.8 Bels or less	Operation: 52dB (A) or less Standby: 35dB (A) or less Acoustic Power: 6.8 Bels or less
				
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