Large Format Print Solutions ideal for CAD & GIS

iPF680/iPF685

you can

The **imagePROGRAF iPF680 and iPF685** are 24" large format printers, designed for high quality, outstanding accuracy and productivity for greater return on investment.

iPF680/iPF685

iPF680/iPF685
24 INCH
2,400 X 1,200 DPI
300ML INK TANKS
ECONOMY PRINTING MODE
5 COLOUR WITH NEW MAGENTA
A1 25 SECONDS
15,360 NOZZLES
320GB HDD (iPF685)
BORDERLESS PRINTING

Key features:

- High-volume continuous printing, with 130 ml and 300 ml hot-swap ink tanks that can be replaced while the unit is printing
- A1 output in draft mode in 25 seconds
- Space saving – Unique compact design to fit anywhere
- Highly accurate with 0.02 mm minimum line width and +/-0.1% line accuracy

- 5-colour dye-and-pigment ink system with new magenta ink for reproduction of brighter red colour
- Printing PDF/TIFF/JPEG/HP-GL2 easily, from general graphics to CAD and GIS drawings, with bundled Direct Print & Share Utility
- Cloud ready for immediate sharing, with easy access even from mobile devices

- Use the bundled PosterArtist Lite software and Print Plug-in for Microsoft Office to create powerful large format posters with ease
- Manage costs and track ROI with full accounting tools

imagePROGRAF

Canon

Specifications: iPF680/iPF685

PRINTER MODEL	imagePROGRAF iPF680	imagePROGRAF iPF685
TECHNOLOGY		
Printer Type	5 Colour – 24"/609.6 mm	
Print Technology	Canon inkjet on Demand 6 colours integrated type (6 chips per print head x 1 print head)	
Number of Nozzles	Total: 15,360 MBK: 5,120 nozzles C, M, Y, BK: 2,560 nozzles each	
Print Resolution	2,400 x 1,200dpi	
Nozzle Pitch	1,200dpi x 2	
Guaranteed Minimum Line Width	0.02 mm	
Line Accuracy	±0.1% or less	
Ink Droplet Size	4 Picoliter per colour	
Ink Capacity	Bundled Starter Ink: 90 ml (Only MBK 130 ml) Sales Ink: 130 ml and 300 ml	
Ink Type	Dye/Pigment Reactive Ink Dye: Cyan, Magenta, Yellow, Black Pigment: Matte Black	
OS Compatibility	32 bit – Windows XP, Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows Server 2003/2003R2, Windows Server 2008 64 bit – Windows Vista, Windows 7, Windows 8, Windows 8.1, Windows Server 2003/2003R2, Windows Server 2008/2008R2, Windows Server 2012/2012R2 Mac: OSX – 10.6.8 - OS10.9.x	
Printer Languages	GARO (Graphic Arts Language with Raster Operations), HP-GL/2, HP RTL	
Standard Interfaces	USB 2.0 High-Speed Ethernet 10/100/1000 Base-T/TX	
PRINTING SPEED		
A1 Size, Plain Paper	0:25 min (Fast Economy Mode), 0:28 min (Fast Mode), 0:42 min (Standard Mode)	
A1 Size, Coated Paper	0:43 min (Fast Mode), 1:17 min (Standard Mode), 2:05 min (High Quality Mode)	
MEMORY		
Buffer RAM	256MB	32GB (Physical Memory 256MB)
Hard Drive	N/A	320GB
PAPER HANDLING		
Media Width	Roll Paper: 10"/254 mm – 24"/609.6 mm Cut Sheet: 8"/203.2 mm – 24"/609.6 mm	
Media Thickness	Roll Unit: 0.07 – 0.8 mm Top Loading Manual Feed: 0.07 – 0.8 mm	
Minimum Printable Length	Roll: 203.2 mm Cut Sheet: 279.4 mm	
Maximum Printable Length	18 m (Varies according to the OS and application)	
Maximum Media Roll Diameter	150.0 mm	
Paper Feed Method	Roll Feed: One Roll, Top Loading, Front Output Top Loading Manual Feed: One Sheet, Front Output	
Borderless Printing Width (Roll 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)	

PRINTER MODEL	imagePROGRAF iPF680	imagePROGRAF iPF685
DIMENSIONS AND WEIGHT		
Physical Dimensions (W x D x H)	Main Unit: 997 (W) x 757 (D) x 492 (H) mm (Excluding consumables and printer stand) Main unit with a printer stand and basket open: 997 (W) x 887 (D) x 1,062 (H) mm Main Unit with basket in extended postion for flatbed stacking: 997 (W) x 1100 (D) x 1062 (H) mm	
Weight	46.0 kg (Main unit) 56.7 kg (Main Unit + Printer stand)	46.2 kg (Main unit) 56.9 kg (Main unit + Printer stand)
Software Included	Canon Printer Driver, Status Monitor/Print Monitor, ExtraKit – Free Layout and iR enlargement Copy, Printer Driver Optimization Module for AutoCAD, Media Configuration Tool, PosterArtist Lite (PC only), Print Plug-in for Microsoft® Word/Excel/PowerPoint (PC only) Direct, Print & Share utility, Custom Installer Creation Tool	
POWER AND OPERATING REQUIREMENTS		
Power Supply	AC 100 – 240 V (50-60 Hz)	
Power Consumption	Operation: 140 W or less Power Off Standby: 0.5 W or less	
Operating Environment	15 – 30ºC, 10 – 80 % (Condensation free)	
Noise Level (Approx.)	Operation: approx. 47 dB Standby: 35 dB or less Accoustic Power: 6.4 Bels Based on ISO 7779	
Regulations	Europe: CE mark, Germany: TUV mark, Russia: EAC Other Countries: CB Certification	
Environment Certificates	ENERGY STAR (Japan) (USA) (EU), RoHS Directive (WW), The ECO Declaration (TED) (Europe), WEEE (Europe)	
WHAT'S INCLUDED		
What's In The Box?	Hex wrench screwdriver, 1 print head, 1 set of starter ink tanks (C, M, Y, BK - 90ml/MBK – 130 ml), 3 inch core adapters setup guide, User software CD-ROM (Mac & Win), Carrying caution leaflet, Safety/Standard Environment leaflet, PosterArtist Lite leaflet, PosterArtist Lite software CD-ROM, EAC leaflet, Quick guide	
OPTIONS		
Printer Stand	ST-27	
Roll Holder Set	RH2-26	
CONSUMABLES		
Ink Tanks	PFI-107: 130 ml – MBK/BK/C/M/Y PFI-207: 300 ml – MBK/BK/C/M/Y	
Print Head	PF-04	
Maintenance Cartridge	MC-10	

imagePROGRAF

FINE
Full-photolithography Inkjet Nozzle Engineering

L-COA

PosterArtist

Canon