iPF610

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Large Format Print Solutions ideal for CAD & GIS

The imagePROGRAF iPF610 is a 24" large format printer, ideal for printing fine lines, re-creating vivid colours and producing high quality detailed images.

Key features:

- Sharper, thinner lines and high black density for CAD plan printing
- A1 output in draft mode in 31 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
- 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
- Multiple paper feeds for printing versatility, including a cassette for cut sheet
- HPGL/2 and HP RTL compatibility and includes a Printer Driver Optimization Module for AutoCAD

iPF610

24
INCH

2,400 X 1,200 DPI

130 ml
INK TANKS

ECONOMY PRINTING MODE

5 COLOURS

A1 in 31 SECONDS

15,360 NOZZLES

HP GL/2 & HP RTL COMPATIBLE

BORDERLESS PRINTING

Canon

Specifications

iPF610

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 1,200 dpi
Nozzle Pitch	1,200 dpi 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 Sales Ink: 130 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 - 10.10.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 Base-T/TX

PRINTING SPEED

A1 Roll, Full Colour Image	Plain Paper: 0:31 (Fast-CAD) Coated Paper: 1:36 (Standard-CAD) Photo Glossy Paper: 2:44 (Standard-Full Colour Image)

MEMORY

Buffer RAM	256 MB

PAPER HANDLING

Media Width	Roll Paper: 8" / 203mm – 24" / 610 mm Cassette: 203 - 432 mm Manual Feed Cut Sheet: 8" / 203.2 mm – 24" / 610 mm
Media Thickness	Roll: 0.07 - 0.8 mm Cassette: 0.08 - 0.3 mm Manual feed from the top: 0.07 - 0.8 mm Manual feed from the front: 0.5 - 1.5 mm
Minimum Printable Length	Roll: 203 mm Cassette: 279 mm Manual feed from the top: 279 mm Manual feed from the front: 520 mm
Maximum Printable Length	18 m (Varies according to the OS and application)
Maximum Media Roll Diameter	150.0 mm
Media Handling	Roll paper: One Roll, Top loading (front operation is possible), Front Output. Cut Sheet Cassette: Front-loading, Front Output. Manual feed (1 sheet): Top-feeding, Front Output (For thick media, Front-feeding, Front Output)

Borderless Printing Width (Roll Only)	10" (254 mm), B4 (257 mm), A3+ (329 mm), 14" (356 mm), 16" (407 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm)
Media Feed Capacity	Cassette: For plain paper of 75g/m2, A4/Letter size: 25 mm (250 sheets), - A3+: 100 sheets, - A2: 50 sheets Manual Feed: 1 Sheet

DIMENSIONS AND WEIGHT

Physical Dimensions (W x D x H)	Main Unit 997 (W) x 810 (D) x 344 (H) mm; Weight approx. 51 kg Main Unit with stand 997 (W) x 991 (D) x 989 (H) mm; Weight approx. 68 kg
Weight	Weight approx. 51 kg (Main Unit) Weight approx. 68 kg (Main Unit with stand)
Software Included	Canon Printer Driver, Status Monitor / Print Monitor, Printer Driver 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® Office (PC only), Direct Print & Share, Custom Installer Creation Tool

POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100 – 240 V (50 – 60 Hz)
Power Consumption	Operation: 100 W or less Power Off Standby: 1 W or Less
Operating Environment	15 – 30°C, 10 – 80 % (Condensation free)
Noise Level (Approx.)	Operation: approx. 49 dB Standby: 35 dB or less Accoustic Power: 6.6 Bels or less Based on ISO 7779
Regulations	Europe: CE mark, Germany: TUV mark, Russia: EAC Other Countries: CB Certification
Environment Certificates	ENERGY STAR (WW), RoHS Directive (WW), The ECO Declaration (TED) (Europe), WEEE (Europe)

WHAT'S INCLUDED

What's In The Box?	1 print head, 1 set of starter ink tanks (C, M, Y, BK, MBK x 2 - 90ml), 3 inch core adapters setup guide,User software CD-ROM (OSX & Win), Carrying caution leaflet, Safety / Standard Environment leaflet, PosterArtist Lite leaflet, PosterArtist Lite software CD-ROM, EAC leaflet, Quick guide.

OPTIONS

Printer Stand	ST-24
Roll Holder Set	RH2-24 (2-inch core spindle with 3-inch media tube attachment and borderless printing spacer)
IEEE 1394 Expansion Board	EB-05

CONSUMABLES

Ink Tanks	PFI-102 (130 ml); MBK x 2, BK, C, M, Y
Print Head	PF-03
Maintenance Cartridge	MC-16

imagePROGRAF

FINE
Full-photolithography Inkjet
Nozzle Engineering

L-COA

PosterArtist

Canon