Large Format Print Solutions ideal for Proofing, Photographic and Fine Art Applications

iPF6400 / iPF6450

you can

The **imagePROGRAF iPF6400 and iPF6450** are 24"/A1, 12-colour pigment inkjet printers. They balance productivity and superb print quality for photo, fine art, proofing, design, advertising and retail applications.

iPF6400 / iPF6450
24 INCH

2,400 X 1,200DPI

LUCIA EX 12 COLOURS

"HOT SWAP" INK TANKS

OPTIONAL SPECTROPHOTOMETER UNIT (IPF6450)

250GB HDD (IPF6450)

PHOTOSHOP PLUG-IN

INBUILT COLOUR CALIBRATION

A1 GLOSS 3.7 MINS

BORDERLESS PRINTING

iPF6450

iPF6450 (with optional spectrophotometer)

iPF6400

Key Features

- Canon's innovative 12-colour pigment inkjet system with image processing technology
- Enhanced black reproduction and graduation expression in dark areas, resulting in the exceptional print quality required for photo print applications
- Compatible with ICC profile-based colour-management systems and works seamlessly with third-party RIP applications

Optional Spectrophotometer for iPF6450 delivering:

- Automated Colour Management with third-party RIP solutions
- Fast measurement, switchable UV filter, new XRGA standard supported
- Optimal colour consistency between multiple 12 colour printers, using the "calibration link" feature

- Colour Calibration Management Console (CCMC) provides highly efficient colour management for an individual device or even a fleet of printers
- Maximise productivity – "Hot Swap" ink tanks of 130ml or 300ml, changeable during production
- Track the cost of each job using the built-in cost management software, allowing you to calculate ROI

imagePROGRAF

Canon

Specifications: imagePROGRAF iPF6400 / iPF6450

PRINTER MODEL	imagePROGRAF iPF6400	imagePROGRAF iPF6450
TECHNOLOGY		
Printer Type	12 Colour – 24"/609.6mm	
Print Technology	Canon Inkjet on demand 6 colours integrated type (6 chips per print head x 2 print heads)	
Number of Nozzles	Total: 30,720 – BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B 2,560 nozzles for each colour x 6 colours x 2 print heads	
Print Resolution	2,400 x 1,200 dpi	
Nozzle Pitch	1,200 x 2 includes non-firing nozzle detection and compensation system	
Ink Droplet Size	4 Picoliter per colour	
Ink Capacity	Bundled Starter Ink: 90ml Sales Ink: 130ml and 300ml	
Ink Type	Pigment Ink: LUCIA EX-12-colour ink BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B	
Printing Speed (A1 Roll, Full Colour Image)	Plain Paper: 1.2min (Fast mode) / 2.1min (Standard mode) Coated Paper: 2.2min (Standard mode) / 4.0min (High quality mode) Glossy Photo Paper: 3.7min (Standard mode) / 5.0min (High quality mode)	
OS Compatibility	Windows XP/Server 2003/Server 2008/Vista/7 (32/64bit), Macintosh OSX 10.5.8-10.7.x	
Printer Languages	GARO (Graphic Arts language with Raster Operations)	
Standard Interfaces	USB 2.0 High-Speed Ethernet 10/100/1000 Base-T/TX	
Standard Memory	384 MB	384 MB
Hard Drive	N/A	250 GB
OPERATION PANEL		
Display	Large LCD: 160 x 128 dots, Key x 13, LED x 5	
Language on operation panel	US-English, Japanese	
Displayable language on LCD	US-English, French, German, Italian, Spanish, Chinese (Simplified), Korean, Russian, Japanese (Kanji)	
PAPER HANDLING		
Media Width	Roll paper and manual feed from top: 203.2mm (8inch) - 610mm (24inch) Manual feed from front: 250mm - 610mm (24inch)	
Media Thickness	Roll Unit: 0.07 - 0.8mm Manual feed from top: 0.07 - 0.8mm Manual feed from front: 0.5 - 1.5mm	
Minimum Printable Length	Roll: 203.2mm (8inch) Manual feed from top: 279.4mm (11inch) Manual feed from front: 350mm	
Maximum Printable Length	18m (varies according to the OS and application) Manual feed from top: 1.6m Manual feed from front: 914mm	
Margins (Top, Bottom, Sides)	Recommended Area: Roll paper: Top: 20mm, Bottom: 5mm, Side: 5mm Manual feed from top: Top: 20mm, Bottom: 23mm, Side: 5mm Manual feed from front: Top: 20mm, Bottom: 23mm, Side: 5mm	
	Printable Area: Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm Roll paper borderless print: Top: 0mm, Bottom: 0mm, Side: 0mm Manual feed from top: Top: 3mm, Bottom: 3mm (*1), Side: 3mm *1:Bottom margin for art paper: 23mm Manual feed from front: Top: 3mm, Bottom: 23mm, Side: 3mm	
Maximum Media Roll Diameter	150.0mm	
Paper Feed Method	Roll Paper: One Roll (top-loading [front operation possible], front output) Top Loading Manual Feed: One sheet, front output Front Loading Manual Feed: One sheet, front output	
Media Feed Capacity	Manual Feed: 1 Sheet, Roll Feed: 1 Roll	
Borderless Printing Width (Roll Only)	10" (254mm), B4 (257mm), 14" (356mm), 16" (407mm), A2 (420mm), A2+/17" (432mm), B2 (515mm), A1 (594mm), 24" (610mm)	

PRINTER MODEL	imagePROGRAF iPF6400	imagePROGRAF iPF6450
DIMENSIONS AND WEIGHT		
Physical Dimensions - (W x D x H) / Weight	Main unit with Auto Roll Feed Unit (standard): 1,227 (W) x 702 (D) x 344 (H) mm Weight: Approx. 54kg (excluding consumables and Printer Stand)	
Main unit and Printer Stand	1,227(W) x 751(D) x 1001(H) mm Weight: Approx. 70kg (excluding consumables)	
Main unit with Printer Stand and Spectrophotometer	N/A	1,227 (W) x 875 (D) x 1001 (H) mm Weight: Approx. 91kg (excluding consumables)
POWER AND OPERATING REQUIREMENTS		
Power Supply	AC 100 - 240 V (50-60 Hz)	
Power Consumption	Operation: 100W or less Power off (standby): 0.5 W or less (In compliance with ErP Directive Lot.6)	
Operating Environment	Temperature: 15 - 30ºC, Humidity: 10 - 80 % (Condensation free)	
Noise Level (Approx.)	Operation: Approx. 47 dB Standby: 35 dB or less Acoustic power: 6.4 Bels Based on ISO 7779	
Regulations	Europe: CE mark, Germany: TUV, Russia: Gost-R, Other Countries: CB Certification	
Environment Certificates	ENERGY STAR (WW), RoHS directive, IT ECO Declaration (Europe), WEEE, ErP Lot 6 (Europe)	
OPTIONS		
Printer Stand	ST-28	
Roll Holder	RH2-25 (2-inch core roll holder with 3-inch paper tube attachment and borderless print spacer)	
Spectrophotometer unit	N/A	SU-21
CONSUMABLES		
Print Head	PF-05	
Ink Tank	PFI-106 (130ml) - BK, MBK, C, M, Y, PC, PM, GY, PGY, R,G,B PFI-206 (300ml) - BK, MBK, C, M, Y, PC, PM, GY, PGY, R,G,B	
Maintenance Cartridge	MC-16	

imagePROGRAF

FINE
Full-photolithography Inkjet
Nozzle Engineering

L-COA

PosterArtist

Canon