

# 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



iPF6400



iPF6450



iPF6450  
(with optional  
spectrophotometer)

## Key Features

- Canon's innovative 12-colour pigment inkjet system with image processing technology
- Enhanced black reproduction and gradation 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 XRGB 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
<b>TECHNOLOGY</b>		
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/XT	
Standard Memory	384 MB	384 MB
Hard Drive	N/A	250 GB
<b>OPERATION PANEL</b>		
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)	
<b>PAPER HANDLING</b>		
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)	

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<b>DIMENSIONS AND WEIGHT</b>		
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)
<b>POWER AND OPERATING REQUIREMENTS</b>		
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 - 30°C, 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)	
<b>OPTIONS</b>		
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
<b>CONSUMABLES</b>		
Print Head	PF-05	
Ink Tank	PFH-106 (130ml) - BK, MBK, C, M, Y, PC, PM, GY, PGY, R,G,B PFH-206 (300ml) - BK, MBK, C, M, Y, PC, PM, GY, PGY, R,G,B	
Maintenance Cartridge	MC-16	

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Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.

Genuine Canon ink cartridges are developed together with Canon large format printers as an important part of the large format printer printing system. Advanced technologies achieved by our research and development activities are incorporated into these ink cartridges. For optimum performance of Canon large format printers, Canon recommends use of genuine Canon ink cartridges.



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