



### Print fine lines accurately

The tiny four picolitre droplet size of Canon's FINE inkjet nozzle technology reproduces extremely fine lines true to the original thickness and without graininess.

### Speed to satisfy the most demanding client

A revolutionary high-density print-head design with 15,360 individual nozzles ensures the ink is delivered with absolute precision, and at a speed to satisfy the most demanding client. In fact, it prints an A1 size CAD print in only 31 seconds\*.

### The perfect mix of quality and economy

Its 6-ink reactive ink system provides the perfect mix of quality and economy. The economical dye-based ink set is enhanced with a matte black pigment ink for deeper, stronger blacks in detailed prints.

### Minimal print interruption

Two matte black ink tanks ensure minimal interruption. It has both matte and photo blacks loaded, eliminating the waste of swapping blacks for different media. It switches between the two automatically.

### The choice is clear

What's more, with the cassette feeding unit and the roll feeding configuration, you can have both matte and gloss paper loaded at once. So if you're looking for an efficient way to produce detailed large format prints, the choice is clear.

\*Based on printing ISOSCID No.5 in fast mode on plain paper.

## imagePROGRAF iPF610

large format printer.

The 24-inch imagePROGRAF iPF610 is the ideal large format printer for drafting and design applications where detail is critical.

### At a glance...

- Prints up to 24-inches wide
- Supports HP-GL2 & HP-RTL
- Four picolitre ink droplet size
- High-density print-head design
- Two matte black tanks for increased efficiency
- Prints an A1 CAD print in only 31 seconds\*





## imagePROGRAF iPF610 large format printer.

**Canon**  
advanced simplicity<sup>®</sup>

Model	Canon Large Format Printer imagePROGRAF iPF610
Class	24-inch
Ink Type	4-colour dye ink (BK, C, M, Y) plus 1-colour pigment ink (MBK x 2) Total: 6 ink tanks
Installation	User installation
Printer stand	Optional assembly type; User Installation
Dimensions (WxDxH)	Main Unit with auto roll feed unit: 997mmx810mmx344mm
Weight	Approx 51kg
Printer stand (WxDxH)	1115mmx864mmx237mm. Weight 23kg
Power supply-input power	AC220-240V (50/60Hz)
Power supply-standby	1W or less
Operational environment	Temperature: 15-30°C
Humidity	15-80% (Condensation free)
Standard Memory	256MB

Detector & Adjustment	
Registration adjustment	Automatic/Manual
Banding adjustment	Automatic/Manual
Line length adjustment	Manual
Head slant adjustment	Automatic
Colour calibration	No
Head gap adjustment	Automatic/Manual
Non-firing detection	Yes
Non-firing compensation	Yes
Roll media remaining detection function	Yes

Firmware	
Printer language	imagePROGRAF Driver, HPGL/2, HP-RTL
Status reply language	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type	Flash ROM
Update	Updated from USB, 1394, Ethernet port (Utility use)

Operation Panel	
Display	Large LCD: 160 x 128 dots, Key x 12 LED x 5
Displayable languages on LCD	English, French, German, Italian, Spanish, Japanese (Katakana)

Interface - USB 2.0 Hi-Speed	
Type	Built-in
Mode	Full/high speed (12/480 Mbit/Sec respectively), bulk transfer
Connector type:	Series B (4 pins)

Interface-Ethernet	
Type	Built-in
Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base TX/Auto-Negotiation, IEEE 802.3 x Full Duplex
Protocol	IPX/SPX (Netware 3.2(j), 4.1(j), 4.11(j), 4.2(j), 5.0(j), 5.1(j)) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk

Interface IEEE 1394	
Type	Slot card type (option)
Optional	IEEE 1394-1995, P1934a (Based on draft 2.0), Half duplex, Data/Strb differential serial
Data-transfer time	100/200/400 Mbit/sec
Connector type	In compliance with IEEE 1394-1995, 6 pins. No power supply
Expansion slot	None

Print Head	
Model	PF-03
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head x 1 print head)
Resolution	2,400 x 1,200dpi
Nozzle per chip	2,560 nozzles per chip
Droplet size	4pl per colour
Head replacement	User replaceable

Ink Tank	
Model	PFI-102
Supply	Tubing system
Colours	(Matte Black x 2, Photo Black, Cyan, Magenta, Yellow)
Capacity	130ml
Level Detection	Detected by dot count and electrode (Empty)
Smart chip	Each ink tank equipped with EEPROM - stores its ink level

Cutter	
Type	Automatic horizontal cutting (rotary cutter), independent unit
Cutter durability (cuts)	12,500 cuts for A1-size media

Media Feed & Output	
Roll paper (auto roll feed unit option)	One roll, front-loading, front output
Cut sheet (cassette)	Front-loading, front output
Cut sheet (manual feed)	Top-feeding, front output (For thick media, front-feeding, front output)
Paper path switch	Automatic switch from roll to cassette and vice versa
Delivery direction	Face-up, front side
Max no. stacking delivered prints	Basket (1 Sheet)

Media Size	
Roll paper (width)	ISO (A3, A2, A1); JIS (B4, B2); ARCH (D); Others (8, 10, 14, 16, 17", 300 & 329mm)
Cut sheet (cassette)	ISO (A4, A3, A3+, A2); DIN (C4, C3); JIS (B4, B3), ANSI (8.5"x11", 8.5"x14", 11"x17", 13"x19", 17"x22"); ARCH (12"x18"); Photo (14"x17", 12"x16", 10"x12", 10"x15", 8"x10", 16"x20" (US photo size))
Cut sheet (man feed from top)	ISO (A4, A3, A3+, A2, A1, B4, B3, B2); DIN (C4, C3, C2); JIS (B4, B3, B2); ANSI (8.5"x11", 8.5"x14", 11"x17", 13"x19", 17"x22", 22"x34"); ARCH (9"x12", 12"x18", 18"x24", 24"x36"); Photo (20"x24", 18"x22", 14"x17", 12"x16", 10"x12", 10"x15", 16"x20" (US Photo size); Poster (20"x30"); Others (13"x22")
Cut sheet (man feed from front)	ISO (A2, A1, B2); DIN (C2); JIS (B2); ANSI (17"x22", 22"x34"); ARCH (18"x24", 24"x36"); Photo (20"x24", 18"x22"); Poster (20"x30"); Others (13"x22")

Media Thickness	
Roll	0.07 - 0.80mm
Cut sheet	Cassette (0.08 - 0.30 mm); Manual feed top (0.08 - 0.50 mm); Manual feed front (0.5-1.50mm)
Max outside diameter roll paper	150.0mm
Media core size	Internal diameter of roll core: 2" / 3"

Regulations	
Electrical safety regulations (Aust):	AS
Electromagnetic interface regulations (Aust):	C-tick

Environment Certifications	
ENERGY STAR (WW) RoHS directive, IT ECO Declaration (Europe), WEEE, Executive Order of the President of the United States of America	

Optional	
IEEE 1394 Expansion Board	EB-05
Roll holder Set	RH2-24 (incl. attachment for 3" core and borderless print spacer)
Printer Stand	ST-24

Consumables	
Ink Tank (130ml)	PFI-102 (MBK, BK, C, M, Y)
Print Head	PF-03
Maintenance Cartridge	MC-16

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