



The ultimate LFP for demanding professional environments

With the latest industry-leading features, the Canon imagePROGRAF iPF5100 sets the benchmark for print quality, colour accuracy, durability, and ease of use. And, with output speeds up to twice that of its nearest competitor, the iPF5100 delivers unrivalled productivity to give your business a competitive edge.

A new standard in print quality

The improved LUCIA 12-ink pigment system produces a much wider colour gamut for prints with well-balanced colour and smoother gradations. Enhanced black, matte black, grey, and photo grey inks help to deliver prints with even less graininess and bronzing. The new inks also fix to media faster and more effectively resulting in improved durability and scratch resistance.

Colour you can count on

Complex, time consuming calibration is a thing of the past thanks to the iPF5100's new automatic colour calibration function. This powerful function helps you achieve stable, consistent colour print after print. The calibration process completes in approximately 10-15 minutes and calibration from one medium type is applicable to all media, in all printing modes. This eliminates the need for calibration for each media type, saving even more valuable time.

Revolutionary Kyuanos technology

Kyuanos (meaning azure or sky blue in Greek) is an advanced colour management system developed by Canon which enables more accurate matching of colours between different devices and environments. With an expanded colour palette, Kyuanos ensures cleaner more vivid colour reproduction with improved gradation, while the powerful Ambient Light Adjustment feature guarantees consistent colour in different lighting environments.

Speed to keep your business moving

The iPF5100 is engineered for speed with a powerful the L-COA processor that simultaneously controls the operation of the printer and the dual high-density print head system. An optimised new printing sequence helps deliver accelerated throughout speeds for unsurpassed productivity and efficiency.

A breeze to use

Convenient front and top paper guides facilitate easy media setup and replacement. With a comprehensive bundled software suite, users of all levels can create professional-looking photographic posters with ease.

imagePROGRAF iPF5100

12-ink large format printer.

The 17-inch imagePROGRAF iPF5100 delivers unrivalled quality and productivity to meet the demanding requirements of discerning graphic arts and photography professional.

At a glance...

- Prints up to 17-inches wide
- New, improved LUCIA 12-ink printing system
- Built-in colour calibration function
- Faster processing and output speeds
- Simple, user-friendly operation





imagePROGRAF iPF5100 12-ink large format printer.

Canon
advanced simplicity®

Model	Canon Large Format Printer imagePROGRAF iPF5100
Class	17-inch
Ink Type	Pigment ink, 12 inks (MBK, BK, C, PC, M, PM, Y, R, B, G, GY, PGY)
Installation	User installation
Printer stand	Assembly type optional
Dimensions (WxDxH)	Main Unit: 999mm x 810mm x 344mm
With optional printer stand	999mm x 981mm x 989mm
With auto roll feed unit	999mm x 810mm x 344mm
Weight	Main Unit: 44kg; With stand: 64kg
Power supply-input power	AC100-120V (50/60Hz), Stand AC220-240V (50/60Hz)
Power supply-standby	1W or less
Optional environment	Temperature: 15-30°C
Humidity	15-80% (Condensation free)
Memory	192MB

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

Firmware	
Printer language	imagePROGRAF Driver
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	LCD: 16 columns x 2 rows, LED x 5, key x 11
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 4.2(j), 5.1(j), 6.11(j), 5.1(j)) SNMP (Canon-MIB), HTTP, TCP/IP, Appletalk

Interface IEEE 1394	
Type	Slot card type (Optional)
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	One

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

Ink Tank	
Model	PFI-101 (C, M, Y, PC, PM, R, G, B) PFI-103 (BK, MBK, GY, PGY) (C, M, Y, PC, PM, R, G, B)
Supply	Tubing system
Colours	Pigment ink, 12 inks (Matte Black, Photo Black, Cyan, Photo Cyan, Magenta, Photo Magenta, Yellow, Red, Blue, Green, Grey, Photo Grey)
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)	25,000 cuts of A2-size media (5000 cuts canvas, semi-glossy and flame resistant cloth)

Media Feed & Output	
Roll paper (auto roll feed unit option)	One roll, top-loading (front operation optional), front output
Cut sheet (cassette)	Front-loading, front output
Cut sheet (manual feed)	Front-loading, 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); JIS B4; others (B, 10, 14, 16, 17" 300 & 329 (mm))
Cut sheet (cassette)	ISO (A4, A3, A3+, (A2); DIN (C4, C3); JIS (B4, B3), ANSI (8.5x11", 8.5x14", 11x17", 13x19", 17x22"); 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+, B4, B3); DIN (C4, C3); JIS (B4, B3); ANSI (8.5"x11", 8.5"x14", 11"x17", 13"x19", 17"x22"); ARCH (9"x12", 12"x18); Photo (14"x17", 12"x16", 10"x12", 10"x15", 16"x20" (US photo) Others (13"x22")
Cut sheet (man feed from front)	ISO (A2); ANSI (17"x22"); Others (13"x22")

Media Thickness	
Roll	0.08-0.80mm
Cut sheet	Cassette (0.08-0.30mm); Manual feed top (0.08-1.80mm); Manual feed front (0.5-1.50mm)
Max outside diameter roll paper	150.0mm
Media core size	Internal diameter of roll core: 2"3"

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	RH2-11 (incl. attachment for 3" core and borderless print spacer)
Printer Stand	ST-11

Consumables	
Ink Tank (130ml)	PFI-101 (C, M, Y, PC, PM, R, G, B) PFI-103 (Bk, MBk, PGY, GY) (C, M, Y, PC, PM, R, G, B)
Print Head	PF-03
Maintenance Cartridge	MC-05

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