FOR BUSINESS APPLICATIONS
WHERE **DETAIL**
IS *CRITICAL*

imagePROGRAF iPF510

The 17-inch imagePROGRAF iPF510 is the ideal large format printer for drafting and design applications where detail is critical.

Producing A2 (17" wide) documents has never been easier and allows you to communicate all sorts of documents clearly. Whether it's an internal sign, a project map or a design, the iPF510 gives you the opportunity to create oversized documents as simply as you create an A4.

At a glance

- Prints up to 17-inches wide
- Four picolitre ink droplet size
- High-density print-head design
- Two matte black tanks for increased efficiency
- Prints an A2 CAD print in only 16 seconds*

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

Poster Artist
Design and print your own posters and signs with ease

Cassette Feed
Print from a roll or cut sheet easily

Top Loading Media
Space saving design with convenient operation and easy to use

Large Ink Tanks
130ml gravity-fed ink tanks for enhanced running cost benefits

Desktop or free-standing options
Flexible options based on your requirements

Canon

no one sees print like you

imagePROGRAF iPF510 Specifications

Item	Specification
Model	Canon imagePROGRAF iPF510
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Class	17-inch
Ink Type	Dye and pigment reactive ink
Maximum Print Resolution	2,400 x 1,200dpi
Dimensions, Weight (Net) W x D x H (mm), (Kg)	
Main unit	819 (W) x 733 (D) x 317 (H) mm (printer only), Weight: approx. 39 kg (printer, cassette, output tray, manual feed tray)
Main unit with Auto Roll Feed Unit (Option)	819 (W) x 810 (D) x 344 (H) mm, Weight: approx. 43 kg (printer, cassette, output tray, manual feed tray plus Auto Roll Feed Unit)
Main unit with Printer Stand	819 (W) x 981 (D) x 989 (H) mm, Weight: approx. 58 kg (Auto Roll Feed Unit included, consumables excluded)
Dimensions, Weight (Packaged) W x D x H (mm), (Kg)	
Main unit with palette	960 (W) x 874 (D) x 638 (H) mm ; Weight: approx. 57 kg
Printer Stand	1115 (W) x 864 (D) x 237 (H) mm ; Weight: approx. 22 kg
Power Supply	
Input power	AC 100 - 120 V (50/60Hz), AC 220 - 240 V (50/60Hz)
Power consumption Operational	100 W or less
Power consumption Standby	6 W or less (11 W or less when IEEE1394 is mounted)
Power off (standby)	1 W or less (In compliance with Executive Order of the President of the United States of America)
Operational Environment	
Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)	
Acoustic Noise	
Acoustic pressure	Operation: approx. 52 dB (A) or less, Standby: approx. 35 dB (A) or less
Acoustic power (LWA ₐ)	6.6 Bels
Minimal Line Width	
0.02mm (Theoretical value)	
Line Accuracy	
±0.1 % or less. User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only	
Detector and Adjustment	
Registration adjustment	Automatic / Manual
Banding adjustment (Line Feed 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
Memory	
Standard memory	192 Mbyte
Expansion slot	None
Firmware	
Languages - Printer Language	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL
Languages - Job Control	CPCA
Languages - Status Reply	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type	Flash ROM
Update	Updated from USB, Ethernet port (Utility use)
Operation Panel	
Display	LCD: 16 columns x 2 rows, Key x 11, LED x 5
Language on operation panel	US-English, Japanese
Languages	US-English, French, German, Italian, Spanish, Japanese (Katakana)
Interface	
USB2.0 Hi-Speed - Type	Built-in
USB2.0 Hi-Speed - Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
USB2.0 Hi-Speed - Connector Type	Series B (4 pins)
Ethernet - Type	Built-in
Ethernet - Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3 x Full Duplex
Ethernet - Protocol	IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
IEEE1394 (Option) - Type	Slot card type (Option)
IEEE1394 (Option) - Standard	IEEE1394 - 1995, P1394a (Based on Draft 2.0), Half duplex, Data/Strb differential serial
IEEE1394 (Option) - Data-transfer time	100/200/400 Mbit/sec.
IEEE1394 (Option) - Connector type	In compliance with IEEE1394 - 1995, 6 pins, No power supply
Expansion Slot	
1	
Cutter	
Type	Automatic horizontal cutting (Rotary cutter), independent unit

Item	Specification
Media Handling	
Media Feed and Output - Roll paper (Auto Roll Feed Unit : Option)	One Roll, Top loading (front operation is possible), Front Output
Media Feed and Output - Cut sheet - Cassette	Front-loading, Front Output. Top-feeding, Front Output (For thick media, Front-feeding, Front Output)
Paper path switch (roll/cut sheet)	Automatic switch from roll to cassette and vice versa
Delivery direction	Face-up, front side
Maximum stacking number of delivered prints	Basket: 1 sheet. Cut sheet (plain paper): 50 sheets of A3 or smaller size / 20 sheets of A3+ or larger size
Usage environment of the extended basket /Image	At normal temperature and normal humidity (15°C 30% - 30°C 60%) / Image: Line drawing (images equivalent to the Cottage.)
Media Thickness - Roll paper	0.07 - 0.8 mm
Media Thickness - Cut sheet Cassette	0.08 - 0.3 mm
Media Thickness - Cut sheet Manual feed from the top	0.07 - 0.8 mm
Media Thickness - Cut sheet Manual feed from the front	0.5 - 1.5 mm
Media Core Size	Internal diameter of roll core: 2" / 3"
Media Width - Roll paper	203 - 432 mm
Media Width - Cut Sheet - Cassette	203 - 432 mm
Media Width - Cut Sheet - Manual feed from the top	203 - 432 mm
Media Width - Cut Sheet - Manual feed from the front	203 - 432 mm
Min. Printable Length - Roll paper	203 mm
Min. Printable Length - Cut sheet - Cassette	279 mm
Min. Printable Length - Cut sheet - Manual feed from the top	279 mm
Min. Printable Length - Cut sheet - Manual feed from the front	520 mm
Max. Printable Length - Roll paper	18 m (varies according to the OS and application)
Max. Printable Length - Cut sheet - Cassette	594 mm
Max. Printable Length - Cut sheet - Manual feed from the top	610 mm (1.6 m when Auto Roll Feed Unit is attached)
Max. Printable Length - Cut sheet - Manual feed from the front	914 mm
Margins - Recommended area - Roll Paper	Left: 5 mm, right: 5 mm, top: 20 mm, bottom: 5 mm
Margins - Recommended area - Cassette/Manual feed (Top)	Left: 5 mm, right: 5 mm, top: 20 mm, bottom: 27 mm
Margins - Recommended area - Manual feed (Front)	Left: 5 mm, right: 5 mm, top: 20 mm, bottom: 23 mm
Margins - Printable area - Roll (borderless print)	Left: 3 mm (0 mm), right: 3 mm (0 mm), top: 3 mm (0 mm), bottom: 3 mm (0 mm)
Margins - Printable area - Cassette	Left: 3 mm, right: 3 mm, top: 3 mm, bottom: 3 mm
Margins - Printable area - Manual feed from the top	Left: 3 mm, right: 3 mm, top: 3 mm, bottom: 3 mm
Margins - Printable area - Manual feed from the front	Left: 3 mm, right: 3 mm, top: 3 mm, bottom: 23 mm
Borderless Printing (Roll media only) - Media width	10" (254 mm), B4 (257 mm), A3+ (329 mm), 14" (356 mm), 16" (407 mm), A2 (420 mm), A2+/17" (432 mm)
Media Feed Capacity - Cassette	For plain paper of 75g/m2, A4/Letter size: 25 mm (250 sheets), - A3+: 100 sheets, - A2: 50 sheets
Media Feed Capacity - Manual feed	1 sheet

Regulations	Electrical safety regulations	Electromagnetic interface regulations
Australia	AS	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, China RoHS directive	

Option	
Auto Roll Feed Unit	RU-02 (including 2-inch core roll holder with 3-inch paper tube attachment and borderless print spacer)
Printer Stand	ST-11
Basket	BU-02
Roll Holder Set	RH2-11 (2-inch core roll holder with 3-inch paper tube attachment and borderless print spacer)

Consumables	
Print Head - Model	PF-03
Print Head - Type	Bubble-jet on demand
Print Head - Head configuration	6 colours integrated type (6 chips per print head x 1 print head)
Print Head - Nozzle pitch	1,200 dpi x 2
Print Head - Nozzle per chip	MBK: 5, 120 nozzles, each other colour: 2,560 nozzles
Print Head - Droplet size	4 pl (per colour)
Print Head - Head replacement	User replacement
Ink Tank - Model	PFI-102
Ink Tank - Supply	Tubing system (supplies ink from independent ink tanks set in the printer through tubes)
Ink Tank - Colours	Matte Black, Black, Cyan, Magenta, Yellow
Ink Tank - Capacity - Starter	90 ml per colour
Ink Tank - Capacity - Sales	130 ml per colour
Ink Tank - Level detection	Detected by dot count and electrode (Empty)
Ink Tank - Smart chip	Each ink tank is equipped with EEPROM which stores its ink level.

For information and services

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