

## Large Format Print Solutions ideal for CAD, GIS, Poster & In-house Print.

iPF510

**you can**

The **imagePROGRAF iPF510** is a 17"/A2 large format printer which combines the highest of quality with exceptional productivity and return on investment.

iPF510 <b>17</b> INCH
2,400 X 1,200DPI
5 COLOURS
A2 IN 21 SECONDS
15,360 NOZZLES
BORDERLESS PRINTING
ECONOMY PRINTING MODE



### Key features

- Sharper, thinner lines and high black density for CAD plan production
- Great colour output with brilliant text and less abrasion
- Economy mode for lower running costs - reduces ink consumption
- Superb graphics with vivid colours and solid image consistency
- Incredible print speeds - A2 in 20 seconds
- HPGL/2 and HP/RTL compatibility and includes HDI Driver for CAD applications
- Large, bright and easy to use LCD operation panel - easy access to sophisticated functions
- Compact and quiet - it's the output not the noise that gets you noticed
- Bundled with free of charge PosterArtist Lite poster creation software - makes it easy to produce professional looking posters
- Borderless printing, so no need for offline trimming - saving time and money
- Choice of printer driving settings - tailored to suit expertise of user
- User friendly - simple roll paper loading and control the print from the front
- Print plug-in for MS Office applications

 **imagePROGRAF**

**Canon**

# Specifications: iPF510

Model	iPF510
Class	17-inch
Ink Type	Dye and pigment reactive ink: BK, MBK x 2, C, M, Y
Maximum Print Resolution	2,400 x 1,200 dpi
Installation	User installation
<b>PRINTING SPEED (A2 ROLL)</b>	
Plain paper	0:20 (Draft)
Coated Paper	0:55 (Standard)
Photo Glossy Paper	1:38 (Standard)
<b>PRINTER STAND</b>	
Type	Optional, Assembly type
Installation conditions	User installation
<b>DIMENSIONS, WEIGHT (Net) W x D x H (mm), (kg)</b>	
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)
<b>DIMENSIONS, WEIGHT (Packaged) W x D x H (mm), (kg)</b>	
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
<b>POWER</b>	
Input power	AC 100 - 120 V (50/60Hz), AC 220 - 240 V (50/60Hz)
Power consumption	Operation: 100 W or less
Power Save Mode	5 W or less (10 W or less when IEEE1394 is mounted)
100 V - 120V	6 W or less (11 W or less when IEEE1394 is mounted)
220 V - 240 V	1 W or less
Power off (standby)	Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)
Operational Environment	
<b>ACOUSTIC NOISE</b>	
Acoustic pressure	Operation: approx. 52 dB (A) or less, Standby: approx. 35 dB (A) or less
Acoustic power	6.6 Bels
Minimal Line Width	0.02 mm (Theoretical value)
Line Accuracy	±0.1 % or less
<b>MEMORY</b>	
Standard memory	192 Mbyte
<b>PRINTER LANGUAGES</b>	
Printer language	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL
<b>OPERATION PANEL</b>	
Display	LCD
Languages	US-English, French, German, Italian, Spanish
<b>INTERFACE</b>	
USB2.0 Hi-Speed	Built-in
Ethernet	Built-in
Standard	10base-T, 100base-TX
Protocol	IPX/SPX, SNMP HTTP, TCP/IP, AppleTalk
Optional	IEEE1394 Slot Card Type
Expansion Slot	1
<b>PRINT HEAD</b>	
Model	PF-03
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (1 print head)
Nozzle pitch	1,200 dpi x 2
Droplet size	4 pl (per colour)
Head replacement	User replacement
<b>INK TANK</b>	
Model	PFI-102 (MBK, BK, C, M, Y)
Colours	MBK x 2, BK, C, M, Y
Capacity	Bundled starter ink : 90 ml, sales ink : 130 ml
<b>CUTTER</b>	
Model	-
Type	Rotary cutter
<b>MEDIA HANDLING</b>	
Roll paper	One Roll, Top loading Front Output
Cassette	Front-loading, Front Output
Manual feed (1 sheet)	Top-feeding, Front Output
Paper path switch (roll/cut sheet)	Automatic switch from roll to cassette and vice versa
Media Types	Plain and coated paper, technical paper, film, photographic paper, proofing paper, backlit, self adhesive, banner and sign, fine art printing material

<b>MEDIA SIZE</b>	
Roll paper (width)	A3, A2, JIS, B4, 8", 10", 14", 16", 17", 300 mm, A3+ (329 mm)
Cut sheet (cassette)	A4, A3, A3+, A2, B4, B3, Letter (8.5 x 11"), Legal (8.5 x 14"), 11 x 17", 13 x 19", 17 x 22", 12 x 18", 14 x 17", 12 x 16", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size), 300 x 900 mm 13 x 22"
Cut sheet (front manual feed)	A2, 17 x 22", 13 x 22"
<b>MEDIA THICKNESS</b>	
Roll	0.07 - 0.8 mm
Cassette	0.08 - 0.3 mm
Manual feed from the top	0.07 - 0.8 mm
Manual feed from the front	0.5 - 1.5 mm
<b>MEDIA WIDTH</b>	
Roll	203 - 432 mm
Cassette	203 - 432 mm
Manual feed from the top	203 - 432 mm
Manual feed from the front	203 - 432 mm
<b>MINIMUM PRINTABLE LENGTH</b>	
Roll	203 mm
Cassette	279 mm
Manual feed from the top	279 mm
Manual feed from the front	520 mm
<b>MAXIMUM PRINTABLE LENGTH</b>	
Roll	18 m (varies according to the OS and application)
Cassette	594 mm
Manual feed from the top	610 mm (1.6 m when Auto Roll Feed Unit is attached)
Manual feed from the front	914 mm
<b>BORDERLESS PRINTING (ROLL MEDIA ONLY)</b>	
Media type	Heavyweight Coated Paper, Premium Matte Paper, Glossy Photo Paper, Semi-Glossy Photo Paper, Extra Matt Coated Paper, Opaque Paper, Matt Coated Paper 140g, Photo Realistic Paper 210g, Instant Dry Papers Glossy 200g, Instant Dry Papers Satin 200g, Photo Paper High Glossy 250g, Photo Paper Satin 240g, Photo Paper Semi Matt 250g, Photo Paper Pearl 260g, Hi Res Barrier Paper 10" (254 mm), B4 (257 mm), A3+ (329 mm), 14" (356 mm), 16" (407 mm), A2 (420 mm), A2+/17" (432 mm)
Media width	
<b>MEDIA FEED CAPACITY</b>	
Cassette	For plain paper of 75g/m2, A4/Letter size: 25 mm (250 sheets), - A3+: 100 sheets, - A2: 50 sheets
Manual feed	1 sheet
<b>REGULATIONS</b>	
Europe	CE mark (EN60950, EN55022 classB, EN61000-3-2, EN-61000-3-3, EN55024)
Germany	TUV, GS (not declared on the plate)
Russia	Gost-R (locally obtained)
Other countries	CB certification
<b>ENVIRONMENT CERTIFICATIONS</b>	
	ENERGY STAR (WW), RoHS directive, IT ECO Declaration (Europe), WEEE,
<b>OPTION</b>	
IEEE1394 Expansion Board	EB-05
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)
<b>CONSUMABLES</b>	
Ink Tank	PFI-102 (MBK, BK, C, M, Y)
Print Head	PF-03
Maintenance Cartridge	MC-05
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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.	



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Full-photolithography inkjet  
Nozzle Engineering



L-COA



PosterArtist



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English Edition

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