

you can
Canon

iPF610 / iPF710

Large Format
Print Solutions

Ideal for CAD and GIS

iPF610 / iPF710

The imagePROGRAF iPF610 and iPF710 are 5-colour dye / pigment ink 24" / 36" large format printers, bringing vivid colour and 1200 dpi rendering with outstanding line reproduction, solid image consistency and high quality text reproduction and perfect for CAD / GIS markets.



Sharper, thinner lines and high black density for CAD plan production

Great colour output with brilliant text and less abrasion

Economy Printing Mode for lower running costs.

Superb graphics with vivid colours and solid image consistency

Blistering speeds with A1 prints in 33 seconds and A0 in 56 seconds



iPF610

We Speak Image

24 inch	36 inch	2400 x 1200dpi	4 pl	5 colours	iPF610 A1 33 seconds	iPF710 A0 56 seconds	15,360 nozzles	HPGL/2 Compatible	Borderless Printing
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- HPGL/2 and HP RTL compatibility and includes HDI Driver for CAD applications as standard.
- Large LCD with graphics ensures easy operation.
- High performance, high durability cutter incorporated for a professional finish.
- Compact and quiet - its the output not the noise that gets you noticed.

Class	iPF610: 24-inch, iPF710: 36-inch
Ink Type	Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y)
Maximum Print Resolution	2,400 x 1,200 dpi
Printing Speed (A1 Roll, Full Colour Image)	
Plain paper	iPF610: 0:33 (Fast-CAD), iPF710 (A0 Roll): 0:56 (Fast-CAD)
Coated Paper	iPF610: 1:19 (Standard-CAD), iPF710: 2:31 (Standard-CAD)
Photo Glossy Paper	iPF610: 2:44 (Standard-Full Colour Image), iPF710: 4:44 (Standard-Full Colour Image)
Dimensions, Weight (Net)	
W x D x H (mm), (kg)	iPF610: 997 (W) x 810 (D) x 344 (H) mm; Weight: approx. 51 kg Main unit with Stand 997 (W) x 991 (D) x 989 (H) mm ; Weight: approx. 68 kg iPF710: Main Unit with Printer Stand and Basket 1,507 (W) x 871 (D) x 1,094 (H) mm ; Weight: approx. 64kg
Dimensions, Weight (Packaged)	
W x D x H (mm), (kg)	iPF610: Main unit with Palette, 1,138 (W) x 914 (D) x 675 (H) mm; Weight: approx. 74 kg iPF710: Main unit, 1,695 (W) x 760 (D) x 722 (H) mm; Weight: approx. 79 kg iPF610: Stand and Basket (Packaged) 1,115 (W) x 864 (D) x 237 (H) mm; Weight: approx. 23 kg iPF710: Stand and Basket 1,370 (W) x 691 (D) x 194 (H) mm; Weight: approx. 15 kg
Power Supply	
Input power	AC 100 - 240 V (50/60 Hz)
Power consumption	iPF610: 100 W or less, iPF710: 140 W or less
Standby power consumption (At the low power mode)	
220 V - 240 V	iPF610: 6 W or less (when IEEE1394 is mounted, 11 W or less)
100 V - 120 V	5 W or less (when IEEE1394 is mounted, 10 W or less)
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: 52 dB (A) or less, Standby: 35 dB (A) or less
Acoustic power	Operation: 6.6 Bels or less
Minimal Line Width	0.02mm (Theoretical value)
Line Accuracy	±0.1 % or less (User adjustments necessary. Printing environment media must match that used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only.)
Operation Panel Display	Large LCD: 160 x 128 dots, Key x 12, LED x 5
Language on operation panel	US-English, Japanese
Displayable Language on LCD	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji)
Printer Language	GARO, HP-GL/2, HP RTL
Interface	
USB2.0 Hi-Speed	Built-in
Type	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Mode	Series B (4 pins)
Connector type	
Ethernet	Built-in
Type	IEEE 802.3 10base-T
Standard	IEEE 802.3u 100base-TX / Auto-Negotiation
Protocol	IEEE 802.3 x Full Duplex
IEEE1394 (Option)	IPX/SPX (Netware 3.2(J), 4.1 (J), 4.11(J), 4.2(J), 5.0(J), 5.1(J))
Type	SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
Standard	
Data-transfer time	Slot card type
Connector type	IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial
Operating Systems supported	100 / 200 / 400 Mbit/sec.
Regulations	In compliance with IEEE1394 - 1995, 6 pins, No power supply
	Windows 2000, XP, Server 2003, Vista / Macintosh OS 9, OS X
	CE Mark, CB Certification, TUV (GS), Gost-R, UL, FCC class B
PRINT HEAD	
Model	PF-03
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head)
Nozzle pitch	1,200 dpi x 2
Nozzle per chip	MBK: 5,120 nozzles, Other Colours: 2,560 nozzles each
Droplet size	4 pl per colour

INK TANK	
Model	PFI-102 (130ml) MBK, BK, C, M, Y
MEDIA HANDLING	
Roll paper	One Roll, Front-loading, Front Output
Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)
Media type	
Roll paper	Standard Paper, Matt Coated Paper, Extra Matt Coated Paper, Opaque Paper, High Resolution Graphic Paper, High Resolution Barrier Paper, Photo Paper High Gloss, Photo Paper Satin, Photo Paper Semi Matt, Photo Paper Pearl, Photo Realistic Paper, Heavy Weight Glossy Photo Paper, Heavy Weight Satin Photo Paper, Commercial Proofing Paper, Commercial RC Proofing, Glossy Proofing Paper, Semi glossy Proofing Paper.
Media Size	
Roll paper (width)	iPF610: ISO: A3, A2, A1, A0, JIS: B2, JIS: B1, ARCH: 24" Others: 10", 14", 16", 17", iPF710 only: ISO: A0, JIS: B1, ARCH: 30", 36" Others: 10", 14", 16", 17"
Cut sheet	iPF610: ISO: A4, A3, A3+, A2, A1, B4, B3, B2, DIN: C4, C3, C2, C1, JIS: B4, B3, B2, ANSI: 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34", ARCH: 9 x 12", 12 x 18", 18 x 24", 24 x 36", Photo: 20 x 24", 18 x 22", 14 x 17", 12 x 16", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size), Poster: 20 x 30", 300 x 900 mm, Others: 13 x 22", iPF710 only: ISO: A0, B1 DIN: C0, JIS: B1 ANSI: 28 x 40", 34 x 44", ARCH: 26 x 38", 27 x 39", 30 x 42", 36 x 48", Poster: 30 x 40" Others: 13 x 22"
Media Thickness	Roll paper & Cut sheet: 0.07 - 0.8 mm
Maximum Outside Diameter of Roll Paper	150.0 mm
Media Core Size	Internal diameter of roll core: 2" / 3" (Option)
Media Width	iPF610: Roll paper: 254 - 609.6 mm iPF710: Roll paper: 254 - 914.4 mm iPF610: Cut sheet: 203.2 - 609.6 mm iPF710: Cut sheet: 254 - 917 mm
Minimal Printable Paper Length	203.2 mm
Maximum Printable Paper Length	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m
Margins (Top, Bottom, Sides) Recommended area	Roll paper: Top: 20 mm, Bottom: 5 mm, Side: 7 mm Cut sheet: Top: 20 mm, Bottom: 23 mm, Side: 7 mm
Printable area	Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless print): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 23 mm, Side: 3 mm
Media width for borderless printing	iPF610: 257 mm (JIS B4), 329mm (JIS A3+), 420 mm (ISO A2), 431.8 mm (ISO A2+/17"), 10", 14", 16", 24", iPF710: 515 mm (JIS B2), 728mm (JIS B1), 594 mm (ISO A1), 841 mm (ISO A0), 10", 14", 16", 24", 36"
OPTION	
Media Take-up Unit	ST-24
Roll Holder Set	(2-inch core spindle with 3-inch media tube attachment and borderless printing space) - iPF610: RH2-24, iPF710: RH4-32
IEEE1394 Expansion Board	EB-05
CONSUMABLES	
Ink Tank	PFI-102 (130 ml) ; MBK, BK, C, M, Y
Print Head	PF-03
Maintenance Cartridge	MC-16
Cutter Blade (iPF710 only)	CT-05
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