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Canon

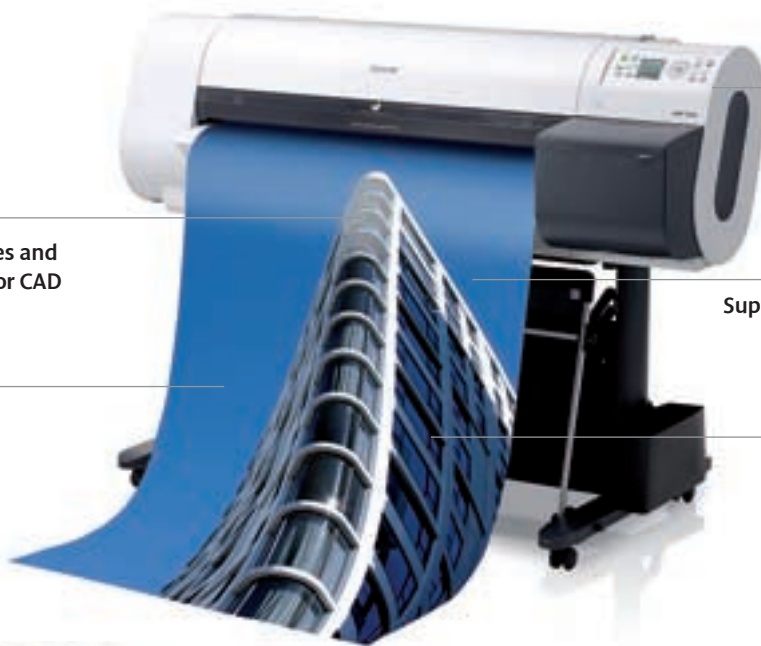
iPF610 / iPF710

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 1,200 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	2,400 x 1,200dpi	4 pl	5 colours	iPF610 A1 33 sconds	iPF710 A1 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 - it's 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	2400 x 1200 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 Pallet, 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	
Acoustic Noise	Temperature: 15 - 30°C, Humidity: 10 - 80% (Condensation free)
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
Type	Built-in
Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Connector type	Series B (4 pins)
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
IEEE1394 (Option)	
Type	Slot card type
Standard	IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial
Data-transfer time	100 / 200 / 400 Mbit/sec.
Connector type	In compliance with IEEE1394 - 1995, 6 pins, No power supply
Operating Systems supported	Windows 2000, XP, Server 2003, Vista / Macintosh OS 9, OS X
Regulations	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	1200 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 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" Roll paper & Cut sheet: 0.07 - 0.8 mm
Media Thickness	
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 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
Printable area	
Media width for borderless printing	iPF610: 257 mm (JIS B4), 329 mm (JIS A3+), 420 mm (ISO A2), 431.8 mm (ISO A2+/17"), 10", 14", 16", 24", iPF710: 515 mm (JIS B2), 728 mm (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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