

you can
Canon

iPF605 / iPF610

Large Format
Print Solutions

Perfect for CAD & GIS printing

iPF605 / iPF610

The imagePROGRAF iPF605 and iPF610 are 5 colour dye/pigment ink 24" large format printers, ideal for printing fine lines, re-creating vivid colours and producing high quality detailed images. With a 1,200 dpi resolution, solid image consistency and high quality text reproduction these printers are perfect for the CAD/GIS market.



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

Incredible print speeds – A1 in 33 seconds



iPF605

We Speak Image

24
inch

2,400
x
1,200dpi

4pl

5
colours

A1
33 seconds

15,360
nozzles

HPGL/2
& **HP RTL**
Compatible

Borderless
Printing

- 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.

Specifications iPF605 / iPF610

24
inch

Class	24-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	0:33 (Fast-CAD)
Coated Paper	1:19 (Standard-CAD)
Photo Glossy Paper	2:44 (Standard-Full Colour Image)
Dimensions, Weight (Net)	
W x D x H (mm), (kg)	
iPF605	
Main Unit	997 (W) x 670 (D) x 344 (H) mm; Weight approx. 4.5 kg
Main Unit with stand	997 (W) x 870 (D) x 993 (H) mm; Weight approx. 60 kg
iPF610	
Main Unit	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); Weight approx. 68 kg
Dimensions, Weight	
(Packaged)	
W x D x H (mm), (kg)	
iPF605	
Main unit with palette	1.140 (W) x 914 (D) x 645 (H) mm; Weight approx. 69 kg
Printer Stand	1.115 (W) x 864 (D) x 237 (H) mm; Weight approx. 22 kg
iPF610	
Main unit with palette	1.138 (W) x 914 (D) x 675 (H); Weight approx. 74 kg
Printer Stand	1.115 (W) x 864 (D) x 237 (H) mm; Weight approx. 22 kg
Power Supply	
Input power	AC 100 - 120 V (50/60 Hz) - AC 220 - 240V (50/60Hz)
Power consumption	100 W or less
Standby power consumption	
(At the low power mode)	
220 V - 240 V	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: 49dB (A) or less (iPF605)/52dB (A) or less (iPF610), Standby 35dB (A) or less
Acoustic power	Operation: 6.3 Bels or less (iPF605)/6.6 Bels or less (iPF610)
Minimal Line Width	0.02 mm (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	bUS-English, French, German, Italian, Spanish, Chinese, Korean, Japanese (Kanji), Russian
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
Protocol	IEEE 802.3u 100base-TX / Auto-Negotiation
IEEE1394 (Option)	IEEE 802.3 x Full Duplex
Type	IPX/SPX (Netware 4.2(I), 5.0(I), 6.0(I))
Standard	SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
Data-transfer time	
Connector type	Slot card type
Operating Systems supported	IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial
Regulations	100 / 200 / 400 Mbit/sec.
	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	PFI-102 (130 ml) MBK, BK, C, M, Y
Media Handling	
Roll paper	Top-loading, front output (front feeding, front output for thick media)
Cut sheet	Front-loading, Front Output
Cut Sheet	
(Cassette - iPF610 only)	Front loading, front output
Media type	
Roll paper	Standard Paper 80 gsm, Standard Paper 90 gsm, Matt Coated Paper 90 gsm, Glossy Photo Quality Paper 190 gsm / 240 gsm / 300 gsm, Satin Photo Quality Paper 190 gsm / 240 gsm / 300 gsm, Photo Realistic Paper 210 gsm, Pearl Photo Paper 260 gsm, Matt Coated Paper 120 gsm / 140 gsm / 180 gsm, Opaque White Paper 120 gsm, High Resolution Self-adhesive Graphic Paper 140 gsm, High Resolution Barrier Paper 180 gsm, Glossy Proofing Paper 195 gsm, Semi-Glossy Proofing Paper 195 gsm / 255 gsm.
Media Size	
Roll paper (width)	ISO: A3, A2, A1, JIS: B4, B2, ARCH: D 24" Others: 8", 10", 14", 16", 17", 300 mm, A3+ (329 mm)
Cut Sheet	ISO: A4, A3, A3+, A2, A1, B4, B3, B2, DIN: C4, C3, C2, 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", 16 x 20" (US Photo size), Poster: 20 x 30", 300 x 900 mm, Others: 13 x 22", 17 x 24"
Cut Sheet (Cassette)	ISO: A4, A3, A3+, A2; JIS: B4, B3; ANSI: 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22"; ARCH: 12 x 18"; Photo: 14 x 17", 12 x 16", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size); Others: 13 x 22"
Cut Sheet (Cassette) (Cassette - iPF610 only)	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	Roll paper: 203 - 610 mm
Minimal Printable Paper Length	Cut sheet: 203 - 610 mm
Maximum Printable Paper Length	203 mm
Margins (Top, Bottom, Sides)	
Recommended area	Roll paper: 18 m (Varies according to the OS and application)
Printable area	Cut sheet: 1.6 m
Media width for borderless printing	Roll paper: Top: 20 mm, Bottom: 5 mm, Side: 7 mm
	Cut Sheet (Top loading/Cassette): Top: 20 mm, Bottom: 27 mm, Side: 5 mm
	Cut Sheet (Front Loading) Top: 20 mm, Bottom: 23 mm, Side: 5 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 (Front loading) Top: 3 mm, Bottom: 23 mm, Side: 3 mm
	Cut Sheet (Top loading/Cassette): Top: 3 mm, Bottom: 3 mm, Side: 3 mm
	10" (254 mm), B4 (257 mm), A3+ (329 mm), 14" (356 mm), 16" (407 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm)
OPTION	
Printer Stand	ST-24
Roll Holder Set	RH2 - 24 (2-inch core spindle with 3-inch media tube attachment and borderless printing space)
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

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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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