Canon imagePROGRAF iPF605 & iPF610

Cost effective large format printing

The imagePROGRAF iPF605 and iPF610 Large Format Printers for CAD, GIS and General Office documents.

The imagePROGRAF iPF605 and iPF610 are 24" large format printers, ideal for printing fine lines, re-creating vivid colours and producing high quality detailed images.

With solid image consistency and high quality text reproduction these printers are perfect for giving some extra depth to your office signs and documents, as well as producing accurate line drawings.

At a glance
- **24" wide**
- **2400 x 1200 dpi**
- **Cassette feed up to A1 (iPF610 only)**
- **5 colour Reactive ink system**
- **Microsoft Office Plug-in**
- **Borderless Printing**
- **A1 in 33 seconds**

Cassette feed
Load up to 50 sheets* of cut sheet paper into the cassette for smaller prints

Water resistant text and lines
Black and white line drawings and text will not smudge when wet

Micsrosoft Office Plug-In
3 step printing from Microsoft Office, Powerpoint or Excel

Vivid colours
Ideal for internal signs and posters at minimal cost

PosterArtist Lite
Anyone can become a designer. Unleash your creative side!

imagePROGRAF

Achieve More. Beyond Technology.

Canon

*Based on 80gsm paper

imagePROGRAF
iPF605 and iPF610
product specifications

iPF610

iPF605

Main Unit

Print-Head	PF-03
Type	Bubble-jet on demand
Nozzle pitch	1200 dpi x 2
Nozzle per chip	MBK: 5120 nozzles, Other colours: 2560 nozzles each
Droplet size	4 pl per colour
Class	24-inch
Print Resolution (Max.)	Up to 2400 × 1200 dpi
Ink Type	Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y)
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. 45 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) mm; 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	US-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 IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3 x Full Duplex
Protocol	IPX/SPX (Netware 4.2(J), 5.0(J), 6.0(J)) SNMP (Canon-MIB), HTTP, TCP/IP
IEEE1394 (Option)	Type: Slot card type Standard: 1995, P1394a, Half duplex, Data/Strb differential serial Data-transfer time: 100 / 200 / 400 Mbit/sec. Connector type: In compliance with 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
Ink tank	Model: PFI-102 (130 ml) MBK, BK, C, M, Y

Media Specifications

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",
(Cassette - iPF610 only)	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"
Media Thickness	Roll paper & Cut sheet: 0.07 - 0.8 mm Manual (front feed) 0.5 to 1.5mm
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 Cut sheet: 203 – 610 mm
Printable Paper Length (Min)	203 mm
Printable Paper Length (Max)	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 loading/Cassette): Top: 20 mm, Bottom: 27 mm, Side: 5 mm Cut Sheet (Front Loading) Top: 20 mm, Bottom: 23 mm, Side: 5 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 (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
Media width for borderless printing	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)

Options/Accessories

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

FINE Full-photolithography Inkjet Nozzle Engineering

L-COA

ENERGY STAR

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