

# Large Format Print Solutions ideal for CAD & GIS

iPF605

you can

The **imagePROGRAF iPF605** is a 24" large format printer, 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 this printer is perfect for the CAD/GIS market.

iPF605 <b>24</b> INCH
2,400 X 1,200DPI
5 COLOURS
A1 33 SECONDS
15,360 NOZZLES
HP GL/2 & HP RTL COMPATIBLE
BORDERLESS PRINTING



## Key Features

- 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
- 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

 imagePROGRAF

**Canon**

# Specifications: iPF605

<p>Class Ink Type Maximum Print Resolution Printing Speed (A1 Roll, Full Colour Image) Plain paper Coated Paper Photo Glossy Paper Dimensions, Weight (Net) W x D x H (mm), (kg)</p> <p>Main Unit Main Unit with stand</p> <p>Main unit with palette Printer Stand</p> <p>Power Supply Input power Power consumption Standby power consumption (At the low power mode) 220 V - 240 V 100 V - 120 V Power off (standby)</p> <p>Operational Environment Acoustic Noise Acoustic pressure</p> <p>Acoustic power Minimal Line Width Line Accuracy</p> <p>Operation Panel Display Language on operation panel Displayable Language on LCD</p> <p>Printer Language Interface USB2.0 Hi-Speed Type Mode Connector type Ethernet Type Standard</p> <p>Protocol IEEE1394 (Option) Type Standard Data-transfer time Connector type Operating Systems supported Regulations</p>	<p>24-inch Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y) 2,400 x 1,200 dpi</p> <p>0:33 (Fast-CAD) 1:19 (Standard-CAD) 2:44 (Standard-Full Colour Image)</p> <p><b>iPF605</b> 997 (W) x 670 (D) x 344 (H) mm; Weight approx. 45 kg 997 (W) x 870 (D) x 993 (H) mm; Weight approx. 60 kg</p> <p><b>iPF605</b> 1.140 (W) x 914 (D) x 645 (H) mm; Weight approx. 69 kg 1,115 (W) x 864 (D) x 237 (H) mm; Weight approx. 22 kg</p> <p>AC 100 - 120 V (50/60 Hz) - AC 220 - 240V (50/60Hz) 100 W or less</p> <p>6 W or less (when IEEE1394 is mounted, 11 W or less) 5 W or less (when IEEE1394 is mounted, 10 W or less) 1 W or less (In compliance with Executive Order of the President of the United States of America) Temperature: 15 - 30°C, Humidity: 10 - 80% (Condensation free)</p> <p>Operation: 49dB (A) or less (iPF605)/52dB (A) or less (iPF610), Standby 35dB (A) or less Operation: 6.3 Bels or less (iPF605)/6.6 Bels or less (iPF610) 0.02 mm (Theoretical value) ±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.) Large LCD: 160 x 128 dots, Key x 12, LED x 5 US-English, Japanese US-English, French, German, Italian, Spanish, Chinese, Korean, Japanese (Kanji), Russian GAR0, HP-GL/2, HP RTL</p> <p>Built-in Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer Series B (4 pins)</p> <p>Built-in IEEE 802.3 10base-T IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3 x Full Duplex IPX/SPX (Netware 4.2(J), 5.0(J), 6.0(J)) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk</p> <p>Slot card type IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial 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</p>
<p><b>PRINT HEAD</b> Model Type Head configuration Nozzle pitch Nozzle per chip Droplet size</p>	<p>PF-03 Bubble-jet on demand 6 colours integrated type (6 chips per print head) 1,200 dpi x 2 MBK: 5,120 nozzles, Other Colours: 2,560 nozzles each 4 pl per colour</p>

<p><b>INK TANK</b> Model</p>	PFI-102 (130 ml) MBK, BK, C, M, Y
<p><b>MEDIA HANDLING</b> Roll paper Cut sheet Cut Sheet (Cassette - iPF610 only) Media type Roll paper</p>	<p>Top-loading, front output (front feeding, front output for thick media) Front-loading, Front Output</p> <p>Front loading, front output</p> <p>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.</p>
<p>Media Size Roll paper (width)</p>	<p>ISO: A3, A2, A1, JIS: B4, B2, ARCH: D 24" Others: 8", 10", 14", 16", 17", 300 mm, A3+ (329 mm)</p>
<p>Cut Sheet</p>	<p>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"</p>
<p>Cut Sheet (Cassette) (Cassette - iPF610 only)</p>	<p>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"</p>
<p>Media Thickness Maximum Outside Diameter of Roll Paper Media Core Size Media Width</p>	<p>Roll paper &amp; Cut sheet: 0.07 - 0.8 mm</p> <p>150.0 mm Internal diameter of roll core: 2" / 3" (Option) Roll paper: 203 - 610 mm Cut sheet: 203 - 610 mm</p>
<p>Minimal Printable Paper Length Maximum Printable Paper Length</p>	<p>203 mm</p> <p>Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m</p>
<p>Margins (Top, Bottom, Sides) Recommended area</p>	<p>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</p>
<p>Printable area</p>	<p>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)</p>
<p><b>OPTION</b> Printer Stand Roll Holder Set IEEE1394 Expansion Board</p>	<p>ST-24 RH2 - 24 (2-inch core spindle with 3-inch media tube attachment and borderless printing space) EB-05</p>
<p><b>CONSUMABLES</b> Ink Tank Print Head Maintenance Cartridge</p>	<p>PFI-102 (130 ml) ; MBK, BK, C, M, Y PF-03 MC-16</p>

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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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English Edition  
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