



Products & Solutions

For Home

For Work

Support

Search



Home > For Work > Find Hardware & Software > imagePROGRAF Large Format Printer > imagePROGRAF iPF650

How we can help you

- [In the Office](#)
- [Professional Photography](#)
- [Find Hardware & Software](#)
- [Cut Sheet Media](#)
- [Your Solutions](#)
- [Cross Media](#)
- [Resellers and Partners](#)
- [News](#)
- [Consult An Expert](#)

imagePROGRAF iPF650 Specifications

Product Specification

BASE SPECIFICATIONS

Class	24-inch
Ink Type	Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y)
Maximum Print Resolution	2400 x 1200dpi (A1 Roll, Full Colour Image)
Printing Speed	Plain Paper: 0.30 (Draft Mode), 0.43 (Standard Mode) Coated Paper: 0.43 (Draft Mode)1.18 (Standard Mode), 2.06 (High Quality Mode) Net: iPF650: Main unit only: 997 (W) x 698 (D) x 507 (H)mm; Weight: approx. 43.4kg iPF655: Main unit only: 997 (W) x 698 (D) x 507 (H)mm; Weight: approx. 43.6kg iPF650: Main unit with a basket open and a printer stand: 997 (W) x 870 (D) x 1062 (H)mm; Weight approx. 53.7kg (roll holder included, no inks, no print heads) iPF655: Main unit with a basket open and a printer stand: 997 (W) x 870 (D) x 1062 (H)mm; Weight approx. 53.9kg (roll holder included, no inks, no print heads)
Dimensions, Weight	Packaged: iPF650: Main unit only: 1127 (W) x 830 (D) x 762 (H) mm; Weight: approx. 63kg iPF655: Main unit only: 1127 (W) x 830 (D) x 762 (H) mm; Weight: approx. 63.2kg iPF650: Stand and basket: 1073 (W) x 766 (D) x 263 (H) mm; Weight approx. 15.8kg iPF655: Stand and basket: 1073 (W) x 766 (D) x 263 (H) mm; Weight approx. 15.8kg Input Power: AC 100-240V (50/60Hz) Power Consumption: 140 W or less Standby Power Consumption (at the low power mode): 220V - 240V: 6 W or less; 100V - 120V: 5 W or less Power off (standby): 1 W or less (In compliance with Executive Order of the President of the United States of America)
Power Supply	Operational Environment: Temperature: 15-30 degrees Celsius, Humidity: 10-80% (Condensation free) Pressure: Operation: 47 dB (A) or less, Standby: 35 dB (A) or less
Acoustic Noise	Power: Operation: 6.4 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 13, LED x 5
Language on Operation Panel	US-English, Japanese
Language on LCD	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji), Russian
Printer Language	GARO, HP-GL/2, HP RTL
Interface	Type: Built-in Mode: Full Speed (12 Mbit/sec, High Speed (480 Mbit/sec), Bulk transfer Connector Type: Series B (4 pins) Type: Build-in Standard: IEEE 802.3 10base-T, IEE 802.3u 100base-TX/ Auto-Negotiation
Ethernet	IEEE 802.3 x Full Duplex, IEEE 802.3ab 1000base-T/Auto-Negotiation
Protocol	IPX/SPX (Netware 4.2 9J), 5.1 (J), 6.0 (J)) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
Operating Systems supported	Windows: 2000 (32)/XP (32 & 64)/ Server 2003 (32 & 64)/ Server 2008 (32 & 64)/ Vista (32 & 64) Macintosh: OS X (32 & 64)
Memory	Standard Memory: 256Mb HDD: 80Gb (iPF655)

Useful Info

Print Head Warranty



PRINT HEAD

Model	PF-04
Type	Bubble-jet on demand
Head Configuration	6 colour integrated type (6 chips per print head)
Nozzle Pitch	1200 dpi
Nozzle per chip	MBK: 5120 nozzles, Other Colours: 2560 nozzles each
Droplet size	4pl per colour

INK TANK

Model PF-102 (130ml): MBK/BK/C/Y, PFI-104 (130ml): M

MEDIA HANDLING

Roll Paper	One roll, front-loading, front output
Cut sheet	Top-feeding, front output (Manual feed using media locking lever)

Roll Paper:

	Standard Paper 80gsm, Standard Paper 90gsm, Matt Coated Paper 90gsm, Glossy Photo Quality paper 190gsm/240gsm/300gsm, Satin Photo Quality Paper 190gsm/240gsm/300gsm, Pearl Photo Paper 260gsm, Matt Coated Paper 120gsm/140gsm/180gsm, Opaque White Paper 120gsm, High Resolution Self-adhesive Graphic Paper 140gsm, High Resolution Barrier Paper 180gsm, Glossy Proofing Paper 195gsm, Semi-Glossy Proofing Paper 195gsm/255gsm
Media Type	Roll Paper (width): ISO: A3, A2, A2+, A1; JIS: B5, B4; ARCH: 24"; Others: 10", 14", 16", 17", Banner (300mm)
Media size	Cut Sheet: ISO: A4, A3, A3+, A2, 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 900mm; Others: 13 x 22"
Media Thickness	Roll Paper & Cut Sheet: 0.07-0.08mm
Maximum outside diameter of Roll Paper	150mm
Media Core Size	Internal diameter of roll core: 2"/3"
Media Width	Roll Paper: 254-609.6mm (24") Cut Sheet: 203.2-609.6mm (24")
Minimal Printable Paper Length	Roll Paper: 203.2mm (8") Cut Sheet: 279.4mm (11"): Letter size (long side)
Maximum Printable Paper Length	Roll Paper: 18m (varies according to the OS and application) Cut Sheet: 1.6m (varies according to the OS and application)
Margins (Top, Bottoms, Sides)	Recommended Area: Roll Paper: Top: 20mm, Bottom: 5mm, Side: 5mm Cut Sheet: Top: 20mm, Bottom: 23mm, Side: 5mm Printable Area: Roll Paper: Top: 3mm, Bottom: 3mm, Side: 3mm Roll Paper (borderless print): Top: 0mm, Bottom: 0mm, Side: 0mm Cut Sheet: Top: 3mm, Bottom: 23mm, Side: 3mm
Media Width for Borderless Printing	10" (254mm), B4 (257mm), A3 (297mm), Banner (300mm), 14" (356mm), A2 (420mm), A2+/17" (432mm), B2 (515mm), A1 (594mm), 24" (610mm)

OPTION

Printer Stand	ST-26
Roll Holder Set	2" core spindle with 3" core roll media: RH2-26

CONSUMABLES

Ink Tank	PFI-102 (130ml): MBK/BK/C/Y, PFI-104: M
Print Head	PF-04
Maintenance Cartridge	MC-10

