

imagePROGRAF iPF650 & iPF655

Large Format print solutions for CAD & GIS

The imagePROGRAF iPF650 and iPF655 are 24" large format printers, designed for high quality, outstanding accuracy and productivity for greater return on investment.

At a glance...

- Prints up to 24" in width
- 2400 X 1200dpi
- A1 = 30 seconds
- 5 Colours
- 80GB Hard disk drive (iPF 655)
- 15,360 Nozzles
- Borderless printing
- Economy printing mode
- Environmentally conscious, space saving design



**CLEAR
CRISP
PRINT**



Class	24-inch	
Ink Type	Dye and pigment reactive ink: BK, MBK x 2, C, M, Y	
Maximum Print Resolution	2,400 x 1,200 dpi	
Printing Speed	A1 Roll, full colour image 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)	
Dimensions, Weight (Net) W x D x H (mm), (Kg)		
Main unit with a basket open and a printer stand		
	997 (W) x 870 (D) x 1,062 (H) mm; Weight: approx. 52.8 kg (roll holder included, no inks, no print heads)	
Main unit only		
	997 (W) x 698 (D) x 507 (H) mm; Weight: approx. 43.0 kg	
Dimensions, Weight (Packaged) W x D x H (mm), (Kg)		
Main unit only (Palette included)		
	1,127 (W) x 830 (D) x 762 (H) mm; Weight: 62.55 kg	
	Printer Stand/Basket	1,073 (W) x 766 (D) x 263 (H) mm; Weight: approx. 15kg
Power Supply	Input power	AC 100 - 240 V (50-60 Hz)
	Power consumption	Operation: 140 W or less
	Standby power consumption	6 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: 47dB (A) or less (Plain paper, Line Drawing/Text, Standard printing mode)
	Acoustic power	Standby: 35 dB (A) or less Operation: 6.4 Bels or less (Plain paper, Line Drawing/Text, Standard printing mode)
Minimal Line Width	0.02 mm (Theoretical value)	
Line Accuracy	±0.1 % or less <i>User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only</i>	
Operational Panel	Display	Large LCD: 160 x 128 dots; Key x 13, LED x 5
	Language on operational panel	US-English, Japanese
	Languages	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Russian, Japanese (Kanji)
Printer Language	GARO (Graphic Arts Language with Rater Operations), HP-GL/2, HP RTL	
Memory	Standard Memory	256 MB
Hard Disk Drive	80 GB (iPF655 Only)	
Interface	USB	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 802.3ab 1000base-T / Auto-Negotiation IEEE 802.3 x Full Duplex
	Protocol	iPX/SPX (Netware 4.2 (J), 5.1 (J), 6.0 (J)) SNMP (Canon-MIB supported), HTTP, TCP/IP, Apple Talk
Print Head	Model	PF-04
	Type	Bubble-jet on demand
	Head configuration	6 colours integrated type (6 chips per print head x 1 print head)
	Nozzle pitch	1,200 dpi
	Nozzle per chip	MBK: 5, 120 nozzles, other colours: 2,560 nozzles
	Droplet size	4 pl (per colour)
	Head Replacement	User replacement
Ink Tank	Model	PF1-102MBK/BK/C/Y, PF1-104M
	Colours	MBK: Matte Black, BK: Black, C: Cyan, M: Magenta, Y: Yellow
	Capacity	Starter Ink 90 ml Sales Ink 130 ml
Media Handling	Roll paper	One Roll, top loading, front output
	Cut sheet	Top-feeding, front output (Manual feed using media locking lever)
	Media Type	Roll Paper Standard Paper 1569B 80g Standard Paper 1570B 90g Matt Coated Paper 9171 Matt Coated Paper 7215 Matt Coated Paper 140g Opaque Paper White Hi Res Graphic Paper Hi Res Barrier Paper Photo Realistic Paper 210g Photo Paper Pearl 260g Glossy Proofing Paper 195g Semiglossy Proofing Paper 195g Semiglossy Proofing Paper 255g
Media Size	Roll paper (width)	ISO A3, A2, A2+, A1 JIS B4, B2 ARCH 24" Others 10", 14", 16", 17", Banner (300 mm)
	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 900 mm Others 13 x 22"
Media Thickness	Roll paper & Cut Sheer	0.07 - 0.8mm
Maximum Outside Diameter of Roll Paper	150 mm	
Media Core Size	Internal diameter of roll core: 2"/3"	
Media Width	Roll paper	254 (10") - 609.6 (24") mm
	Cut sheet	203.2 (8") - 609.6 (24") mm
Minimal Printable Paper Length	279.4 mm (11"); Letter size (long side)	
Maximum Printable Paper Length	Roll paper	18 m (Varies according to the OS and application)
	Cut sheet	1.6 m (Varies according to the OS and application)
Margins	Recommended area Roll Paper Top: 20mm, Bottom: 5mm, Left and Right: 5mm Cut Sheet top: 20mm, Bottom: 23 mm, Left and Right: 5mm Printable area Roll Paper Top: 3mm, Bottom: 3mm, Left and Right: 3mm Roll Paper (borderless printing) Top: 0mm, Bottom: 0mm, Left and Right: 0mm Cut Sheet Top: 3mm, Bottom: 23mm, Left and Right: 3mm	
Borderless Printing	Media width	10" (254 mm), B4 (257 mm), A3 (297 mm), Banner (300 mm), 14" (356 mm), A2 (420 mm), A2+/17" (432 mm), B2 (515 mm), A1 (594 mm), 24" (610 mm)
Regulations	Electrical safety regulations	AS
	Electromagnetic interface regulations	C-tick
Environment certifications	ENERGY STAR (WW), RoHS directive, IT ECO Declaration (Europe), WEEE, Executive Order of the President of the United States of America, China RoHS directive	
Option	Roll Holder Set (for both 2-inch and 3-inch)	RH2-26
	Printer Stand/Basket	ST-26
Consumables	Ink Tank	PF1-102MBK/BK/C/Y, PF1-104M
	Print Head	PF-04
	Maintenance Cartridge	MC-10
Warranty	12 Months	