

Large Format Print Solutions ideal for CAD & GIS

iPF650 / iPF655

you can

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

iPF650 / iPF655
24 INCH
2,400 X 1,200DPI
ECONOMY PRINTING MODE
5 COLOURS
A1 30 SECONDS
160GB HDD (iPF655)
15,360 NOZZLES
BORDERLESS PRINTING



Key Features

- Manage costs and track ROI - Full accounting and eMaintenance software included.
- High capacity basket with stacking functionality to prevent damage to prints.
- Space saving - Unique compact design to fit anywhere.
- User Friendly - Simple roll paper loading system and control the print from the front.
- Maximise productivity - "Hot Swap" ink tanks, changeable during production
- Minimise printer downtime with media mismatch detection (iPF655).
- Highly accurate with 0.02mm minimum line width and +/-0.1% line accuracy.
- Integrate with your office applications with Microsoft Office Plug-in.
- HP-GL/2 and HP-RTL Compatible: -
 - Capable of handling large vector files
 - HP-GL/2 pallet and pen settings
 - HP-GL/2 and HP-RTL nesting (iPF655).
 - HP-GL/2 auto-rotation.

Specifications: iPF650 / iPF655

Class Ink Type Maximum Print Resolution Printing Speed (A1 Roll, Full Colour Image) Plain Paper Coated Paper Dimensions, Weight (Net) W x D x H (mm), (kg) Dimensions, Weight (Packaged) W x D x H (mm), (kg) 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) Operational Environment Acoustic pressure Acoustic power Minimal Line Width Line Accuracy Operation Panel Display Language on operation panel Displayable Language on LCD Printer Language Interface USB Type Mode Connector type Ethernet Type Standard Protocol Operating Systems supported Windows Macintosh Memory Standard Memory HDD	24-inch Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y) 2,400 x 1,200dpi 0.30 (Draft mode) 0.43 (Standard Mode) 0.43 (Draft Mode) 1.18 (Standard Mode) 2.06 (High Quality Mode) 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 1,062(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 1,062(H)mm; Weight: approx. 53.9kg (roll holder included, no inks, no print heads) iPF650: Main unit 1,127(W) x 830(D) x 762(H)mm; Weight: approx. 63kg iPF655: Main unit 1,127(W) x 830(D) x 762(H)mm; Weight: approx. 63.2kg iPF650: Stand and Basket 1,073(W) x 766(D) x 263(H)mm; Weight: approx. 15.8kg iPF655: Stand and Basket 1,073(W) x 766(D) x 263(H)mm; Weight: approx. 15.8kg AC 100 - 240 V (50/60 Hz) 140 W or less 6 W or less 5 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 Operation: 47 dB (A) or less, Standby: 35 dB (A) or less Operation: 6.4 Bels or less 0.02mm (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 13, LED x 5 US-English, Japanese US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji), Russian GAR0, HP-GL/2, HP RTL Built-in Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer Series B (4 pins) Built-in IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3 x Full Duplex, IEEE 802.3ab 1000base-T/Auto-Negotiation IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J)) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk 2000 (32)/XP (32 & 64)/Server 2003 (32 & 64)/Server 2008 (32 & 64)/Vista (32 & 64) OS X (32 & 64) 256Mb iPF655 - 160Gb (including 8Gb Dynamic Memory)
Print head Model Type Head configuration Nozzle pitch Nozzle per chip Droplet size Head replacement	PF-04 Bubble-jet on demand 6 colours integrated type (6 chips per print head) 1,200dpi MBK: 5,120 nozzles, Other Colours: 2,560 nozzles each 4 pl per colour User replacement

Ink tank Model	PFI-102 (130ml): MBK/BK/C/Y, PFI-104 (130ml): M
Media handling Roll paper Cut sheet Media type Roll paper	One roll, front-loading, front output Top-feeding, front output (Manual feed using media locking lever) 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 Size Roll paper (width)	ISO: A3, A2, A2+ A1 JIS: B2, B4 ARCH: 24" Others: 10", 14", 16", 17", Banner (300mm)
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", Roll paper & Cut sheet: 0.07 - 0.8mm
Media Thickness Maximum Outside Diameter of Roll Paper Media Core Size Media Width	150mm Internal diameter of roll core: 2" / 3" Roll paper: 254 - 609.6mm (24") Cut sheet: 203.2 - 609.6mm (24")
Minimum Regular Format Size (Vertical)	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, Bottom, 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 Roll Holder Set (2-inch core spindle with 3"core roll media) Printer Stand/Basket	RH2-26 ST-26
Consumables Ink Tank Print Head Maintenance Cartridge	PFI-102 (130ml);MBK/BK/C/Y, PFI-104: M PF-04 MC-10
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