

# Specifications: iPF650 / iPF655

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| Class  | 24-inch  |
| Ink Type   | Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, 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)<br>0.43 (Standard Mode)  |
| Coated Paper                                       | 0.43 (Draft Mode)<br>1.18 (Standard Mode)<br>2.06 (High Quality Mode)  |
| Dimensions, Weight (Net) W x D x H(mm), (kg)       | iPF650: Main unit only 997(W) x 698(D) x 507(H)mm; Weight: approx. 43.4kg<br>iPF655: Main unit only 997(W) x 698(D) x 507(H)mm; Weight: approx. 43.6kg<br>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)<br>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) |
| Dimensions, Weight (Packaged) W x D x H (mm), (kg) | iPF650: Main unit 1,127(W) x 830(D) x 762(H)mm; Weight: approx. 63kg<br>iPF655: Main unit 1,127(W) x 830(D) x 762(H)mm; Weight: approx. 63.2kg<br>iPF650: Stand and Basket 1,073(W) x 766(D) x 263(H)mm; Weight: approx. 15.8kg<br>iPF655: Stand and Basket 1,073(W) x 766(D) x 263(H)mm; Weight: approx. 15.8kg   |
| Power Supply                                       |  |
| Input power  | AC 100 - 240 V (50/60 Hz)  |
| Power consumption                                  | 140 W or less  |
| Standby power consumption (At the low power mode)  | 6 W or less  |
| Power off (standby)                                | 220 V - 240 V<br>100 V - 120 V<br>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                                     | Operation: 47 dB (A) or less, Standby: 35 dB (A) or less   |
| Acoustic pressure                                  | Operation: 6.4 Bels or less  |
| Acoustic power                                     | 0.02mm (Theoretical value)   |
| Minimal Line Width                                 | ±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.)   |
| Line Accuracy                                      | Large LCD: 160 x 128 dots, Key x 13, LED x 5<br>US-English, Japanese<br>US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese(Kanji), Russian<br>GAR0, HP-GL/2, HP RTL  |
| Operation Panel Display                            |  |
| Language on operation panel                        |  |
| Displayable Language on LCD                        |  |
| Printer Language                                   |  |
| Interface  |  |
| USB  | Built-in   |
| Type   | Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer   |
| Mode   | Series B (4 pins)  |
| Connector type                                     |  |
| Ethernet   | Built-in   |
| Type   | IEEE 802.3 10base-T, IEEE 802.3u 100base-TX /  |
| Standard   | Auto-Negotiation IEEE 802.3 x Full Duplex,<br>IEEE 802.3ab 1000base-T/Auto-Negotiation<br>IPX/SPX (Netware 4.2(J), 5.1(J), 6.0(J))<br>SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk  |
| Protocol   |  |
| 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)  |
| 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                                       | 1,200dpi   |
| Nozzle per chip                                    | MBK: 5,120 nozzles, Other Colours: 2,560 nozzles each  |
| Droplet size                                       | 4 pl per colour  |
| Head replacement                                   | User replacement   |

|   |   |
|---|---|
| Ink tank Model  | PFI-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)   |
| Media type  |   |
| Roll paper  | Standard Paper 80gsm<br>Standard Paper 90gsm<br>Matt Coated Paper 90gsm<br>Glossy Photo Quality Paper 190gsm / 240gsm / 300gsm<br>Satin Photo Quality Paper 190gsm / 240gsm / 300gsm<br>Pearl Photo Paper 260gsm<br>Matt Coated Paper 120gsm / 140gsm / 180gsm<br>Opaque White Paper 120gsm<br>High Resolution Self-adhesive Graphic Paper 140gsm<br>High Resolution Barrier Paper 180gsm<br>Glossy Proofing Paper 195gsm<br>Semi-Glossy Proofing Paper 195gsm / 255gsm |
| Media Size  |   |
| Roll paper (width)  | ISO: A3, A2, A2+ A1<br>JIS: B2, B4<br>ARCH: 24"<br>Others: 10", 14", 16", 17", Banner (300mm)   |
| Cut sheet   | ISO: A4, A3, A3+, A2, A2+, A1, B4, B3, B2<br>DIN: C4, C3, C2<br>JIS: B4, B3, B2<br>ANSI: 8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34"<br>ARCH: 9 x 12", 12 x 18", 18 x 24", 24 x 36"<br>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)<br>Poster: 20 x 30", 300 x 900mm<br>Others: 13 x 22"<br>Roll paper & Cut sheet: 0.07 - 0.8mm  |
| Media Thickness   |   |
| 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")<br>Cut sheet: 203.2 - 609.6mm (24")   |
| Minimum Regular Format Size (Vertical)                        | Roll Paper: 203.2mm (8")<br>Cut Sheet: 279.4mm (11"): Letter size (long side)   |
| Maximum Printable Paper Length                                | Roll paper: 18m (Varies according to the OS and application)<br>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<br>Cut sheet: Top: 20mm, Bottom: 23mm, Side: 5mm  |
| Printable area  | Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm<br>Roll paper (borderless print): Top: 0mm, Bottom: 0mm, Side: 0mm<br>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) | RH2-26  |
| Printer Stand/Basket  | ST-26   |
| Consumables   |   |
| Ink Tank  | PFI-102 (130ml): MBK/BK/C/Y, PFI-104 (130ml): M   |
| Print Head  | PF-04   |
| Maintenance Cartridge   | MC-10   |

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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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Canon Inc.  
www.canon.com

Canon Europa N.V.  
www.canon-europe.com

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Canon (UK) Ltd  
Woodhatch, Reigate  
Surrey RH2 8BF  
Telephone No: 01737 220000  
Facsimile No: 01737 220022  
www.canon.co.uk

Canon Ireland  
Arena Road, Sandyford Industrial Estate  
Dublin 18, Ireland  
Telephone No: 01-2052400  
Facsimile No: 01-2958141  
www.canon.ie