

## Specifications for imagePROGRAF iPF6410S



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|--|---|--|
| <b>Model</b>   | Canon Large Format Printer iPF6410S   |  |
| <b>Class</b>   | 24"   |  |
| <b>Ink Type</b>  | Pigment inks; LUCIA EX; 8-colours: BK , MBK , C , M , Y , PC , PM , GY  |  |
| <b>Maximum print resolution</b>                          | 2400 x 1200dpi  |  |
| <b>Installation</b>                                      | User installation   |  |
| <b>Product Durability</b>                                | 15, 000 sheets of A1-size (No maintenance)<br>45,000 sheets of A1-size (with service maintenance)<br>(Printing condition: each colour 16 % duty, glossy paper, standard mode) |  |
| <b>Printer Stand</b>                                     | Type  | Assembly type, optional  |
|  | Installation conditions   | User installation  |
| <b>Dimensions, Weight (Net)<br/>W x D x H (mm), (kg)</b> | Main unit with Auto Roll Feed Unit (standard)   | 1,227 x 702 x 344mm; Weight: approx. 54kg (excluding consumables and a Printer Stand)                        |
|  | Main unit with a basket open and a printer stand  | 1,227 x 870) x 1,001mm; Weight: approx. 70kg (excluding consumables)<br>Basket close: 1,227) x 751 x 1,001mm |
|  | Main unit with a basket   | 1,227 x 970 x 1,001mm; Weight:   |

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|  | open,a printer stand and Spectrophotometer           | approx. 91kg (excluding consumables)<br>Basket close: 1,227) x 875 x 1,001mm                            |
| <b>Dimensions, Weight (Packaged)</b><br>W x D x H (mm), (kg)                                 | Main unit (pallet included)                          | 1,370 x 928 x 668mm; Weight: approx. 88kg   |
|  | Printer Stand  | Countries except USA<br>1,127 x 870 x 283mm, Weight: approx. 26kg                                       |
|  |  | USA<br>1,370 x 928 x 948mm, Weight: approx. 116kg   |
| <b>Power Supply</b>  | Input power  | AC 100 - 240V (50 - 60Hz)   |
|  | Power consumption                                    | Operation: 100W or less   |
|  | Standby power consumption<br>(At the low power mode) | 5W or less  |
|  | Power off (standby)                                  | 0.5W or less  |
| <b>Operational Environment</b>   |  | Temperature: 15 - 30°, Humidity: 10 - 80 % (Condensation free)  |
| <b>Acoustic Noise (Measured under the conditions in the right column, based on ISO 7779)</b> | Acoustic pressure                                    | Operation approx. 47dB (A) (Glossy paper, Image, Print priority: Standard)<br>Standby: 35dB (A) or less |
|  | Acoustic power (LWAd)                                | Operation 6.4Bels or less (Glossy paper, Image, Print priority: Standard)                               |
| <b>Detector and Adjustment</b>   | Registration adjustment                              | Automatic / Manual  |
|  | Banding adjustment                                   | Automatic / Manual  |
|  | Line length adjustment                               | Manual  |
|  | Head slant adjustment                                | No  |
|  | Colour calibration                                   | Yes (with a colour calibration notification function)   |
|  | Head gap adjustment                                  | Automatic / Manual (6 levels)   |
|  | Non-firing detection                                 | Yes   |
|  | Non-firing compensation                              | Yes   |
|  | Roll media remaining detection function              | Yes   |

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| <b>Line Accuracy</b>   | ±0.1 % or less<br>User adjustments necessary. Printing environment and media must match those used for the adjustments.<br>CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only |                  |   |
| <b>Memory</b>          | Standard memory  |                  | 256MB   |
|                        | Expansion slot   |                  | No  |
| <b>Firmware</b>        | Languages  | Printer language | GARO (Graphic Arts language with Raster Operations)   |
|                        |  | Job control      | CPCA  |
|                        |  | Status reply     | CPCA, SNMP-MIB(Standard MIB, Canon-MIB)   |
|                        | Type   |                  | Flash ROM   |
|                        | Update   |                  | Updated from USB, 1394, Ethernet port (Utility use)   |
| <b>Operation Panel</b> | Display  |                  | Large LCD: 160 x 128 dots, LED x 5, Key x 13  |
|                        | Language on operation panel  |                  | US-English, Japanese  |
|                        | Displayable Language on LCD  |                  | US-English, French, German, Italian, Spanish, Chinese, Korean, Russian, Japanese (Kanji)  |
| <b>Hard Disk</b>       | 2.5-inch 250GB 5400rpm S-ATA I/F   |                  |   |
| <b>Interface</b>       | Hi-Speed 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<br>IEEE 802.3u 100base-TX / Auto-Negotiation<br>IEEE 802.3ab 1000base-T / Auto-Negotiation<br>IEEE 802.3x Full Duplex |
|                        |  | Protocol         | IPX / SPX (Netware 4.2(J), 5.1(J), 6.0 (J))<br>SNMP (Canon-MIB), HTTP,  |
|                        |  |                  |   |

|                       |                          |  |
|-----------------------|--------------------------|--|
|                       |                          | TCP/IP (IPv4/IPv6), AppleTalk  |
| <b>Expansion Slot</b> | None                     |  |
| <b>Print Head</b>     |                          |  |
| Print Head            | Model                    | PF-05  |
|                       | Type                     | Bubble-jet on demand   |
|                       | Head configuration       | 6 colours integrated type (6 chips per print head x 2 print heads)   |
|                       | Nozzle pitch             | 1200 dpi x 2   |
|                       | Nozzle per chip          | MBK / BK / M / Y: 2,560 nozzles for each colour<br>C / PC / PM / GY: 5,120 nozzles for each colour                               |
|                       | Droplet size             | 4pl  |
|                       | Head replacement         | User replacement   |
| <b>Ink Tank</b>       |                          |  |
| Ink Tank              | Model                    | 130ml : PFI-106 / PFI-8106 BK / MBK / C / M / Y / PC / PM / GY<br>300ml : PFI-206 / PFI-8206 BK / MBK / C / M / Y / PC / PM / GY |
|                       | Supply                   | Tubing system (with sub-tank)  |
|                       | Colours                  | Pigment ink 8 colours (BK / MBK / C / M / Y / PC / PM / GY)  |
|                       | Capacity                 | Starter use: BK / MBK / M / Y 90ml, C / PC / PM / GY 120ml<br>Sales use: 130ml / 300ml   |
|                       | Level detection          | Detected by dot count and electrode (Empty)  |
|                       | Smart chip               | Each ink tank is equipped with EEPROM which stores its ink level   |
| <b>Cutter</b>         |                          |  |
| Cutter                | Model                    | -  |
|                       | Type                     | Automatic horizontal cutting (Rotary cutter), independent unit   |
|                       | Cutter durability (cuts) | 15,000 cuts for A1-size media  |
|                       | Replacement              | -  |
| <b>Media Handling</b> |                          |  |

|                       |   |                       |  |
|-----------------------|---|-----------------------|--|
| Media Feed and Output | Roll paper (Auto Roll Feed Unit: Standard)  |                       | One Roll (top-loading [front operation possible], front output)                      |
|                       | Cut sheet                                   | Manual feed (1 sheet) | Front loading and front output, top loading and front output                         |
|                       | Delivery direction                          |                       | Face-up, Front side  |
|                       | Maximum stacking number of delivered prints |                       | Basket: one sheet  |
| Media Size            | Roll paper (width)                          | ISO                   | A3, A2, A1   |
|                       |   | JIS                   | B4, B2   |
|                       |   | ARCH                  | D (24")  |
|                       |   | Others                | 8", 10", 14", 16", 17", 300mm, A3+ (329mm)   |
|                       | Cut sheet (top loading)                     | 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"   |
|                       | Cut sheet (front loading)                   | ISO                   | A2, A1, B2   |
|                       |   | DIN                   | C2   |
|                       |   | JIS                   | B2   |
|                       |   | ANSI                  | 17 x 22", 22 x 34"   |
|                       |   | ARCH                  | 18 x 24", 24 x 36"   |
|                       |   | Photo                 | 20 x 24", 18 x 22"   |
|                       |   | Poster                | 20 x 30"   |
|                       |   | Others                | 13 x 22"   |
|                       | Media Thickness                             | Roll paper            |  |
| Cut sheet             |   | Manual                | 0.07 - 0.8mm   |

|  |                  |                        |  |
|--|------------------|------------------------|--|
|  |                  | feed from top          |  |
|  |                  | Manual feed from front | 0.5 - 1.5mm  |
| Maximum Outside Diameter of Roll Paper |                  |                        | 150mm  |
| Media Core Size                        |                  |                        | Internal diameter of roll core: 2" / 3"  |
| Media Width                            | Roll paper       |                        | 203.2mm - 610mm<br>※Formal supported "Media Width" is limited to the "Media Size"(roll paper widths) specified in this document. |
|  | Cut sheet        | Manual feed from top   | 203.2mm (8") - 610mm (24")   |
|  |                  | Manual feed from front | 250 - 610mm (24inch) *<br>POPboard only  |
| Minimum Printable Paper Length         | Roll paper       |                        | 203.2mm  |
|  | Cut sheet        | Manual feed from top   | 279.4mm  |
|  |                  | Manual feed from front | 350mm , 420mm (with SU-21)   |
| Maximum Printable Paper Length         | Roll paper       |                        | 18m (Varies according to the OS and application)   |
|  | Cut sheet        | Manual feed from top   | 1.6m   |
|  |                  | Manual feed from front | 914mm  |
| Margins                                | Recommended area | Roll paper             | Top: 20mm, Bottom: 5mm, Left / Right: 5mm  |
|  |                  | Manual feed from top   | Top: 20mm, Bottom: 23mm, Left / Right: 5mm   |

|                                       |                |                               |   |
|---------------------------------------|----------------|-------------------------------|---|
|                                       |                | Manual feed from front        | Top: 20mm, Bottom: 23mm, Left / Right: 5mm  |
|                                       | Printable area | Roll paper                    | Top: 3mm, Bottom: 3mm, Left / Right: 3mm  |
|                                       |                | Roll paper (borderless print) | Top: 0mm, Bottom: 0mm, Left / Right: 0mm  |
|                                       |                | Manual feed from top          | Top: 3mm, Bottom: 3mm (*1), Left / Right: 3mm   |
|                                       |                | Manual feed from front        | Top: 3mm, Bottom: 23mm, Left / Right: 3mm   |
| Borderless Printing (Roll paper only) | Media width    |                               | 10" (254mm), B4 (257mm), 14" (356mm), 16" (407mm), A2 (420mm), A2+/17" (432mm), B2 (515mm), A1 (594mm), 24" (610mm) |
| Media feed capacity                   | Manual feed    |                               | 1 sheet (from top, from front)  |



- **Address** : Office No. D-4, Ambika Darshan Building, Chittabhai Patel Road, Behind Sapan Nikhil Classes, Ahead of Kandivali Bus Depot, Kandivali (E), Mumbai-400101.
- **Phone No**: +022-28460505 (50 lines)
- **Email**: [itsolutions@varay.co.in](mailto:itsolutions@varay.co.in)