# Large Format Print Solutions ideal for Proofing, Photographic and Fine Art applications

iPF6300 / iPF6350

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The **imagePROGRAF iPF6300 and iPF6350** are 24"/ A1 printers, delivering superior image quality and exceptional print precision with an advanced set of features and enhanced usability.

| iPF6300 / 6350 |
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| **24** INCH |
| 2400 X 1200DPI |
| HIGH PRECISION PHOTO MODE |
| HIGH PRECISION TEXT / LINE MODE |
| 12 COLOURS |
| GLOSS A1 4 MINS |
| 80GB HDD (IPF6350) |
| 30,720 NOZZLES |
| BORDERLESS PRINTING |

## Key Features

- Improved software compatibility with ICC profile-based colour management systems.
- Manage costs and track ROI – Full accounting and job costing software included.
- User friendly operation for easy access to sophisticated functions.

- New Lucia EX pigment ink system and improved image processing technology delivering: -
  - Wider colour gamut
  - Smoother gradation, deeper dark tones and sharper blacks
  - Improved scratch resistance and reduced bronzing
  - Higher print registration accuracy for precise text and fine lines.

- Built in colour calibration – no need for external devices.
- Gigabit Ethernet compatible.
- Enhanced Print Plug-In for Photoshop / Digital Photo Professional : –
  - Support for Adobe CMM
  - Proof printing supported.
- Greater support for market leading medias.

**imagePROGRAF**

**Canon**

# Specifications: iPF6300 / iPF6350

| | |
|---|---|
| Class | 24-inch |
| Ink Type | Pigment inks 12 colours LUCIA EX: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B |
| Maximum Print Resolution | 2400 x 1200dpi |
| **Printing speed** (A1 Roll, Full Colour Image) | |
| Plain Paper | 1:08 (Draft mode)<br>2:07 (Standard Mode) |
| Coated Paper | 2:08 (Standard Mode)<br>4:02 (High Quality Mode) |
| Glossy Photo Paper | 4:01 (Standard Mode)<br>6:08 (High Quality Mode) |
| **Dimensions, Weight (Net)** W x D x H(mm), (kg) | iPF6300/6350: Main unit with Auto Roll Feed Unit (standard) 1,177(W) x 670(D) x 344(H)mm; Weight: approx. 51kg<br>iPF6300/6350: Main unit and Printer stand 1,177 (W) x 870 (D) x 991 (H) mm; Weight approx. 66kg |
| **Dimensions, Weight (Packaged)** W x D x H (mm), (kg) | iPF6300/6350: Main unit (pallet included) 1,320 (W) x 914 (D) x 645 (H) mm; Weight approx. 79kg<br>Printer stand (countries except USA) 1,115 x 864 x 237mm, Weight approx. 24kg |
| **Power Supply** Input power | AC 100 - 240 V (50/60 Hz) |
| Power consumption | 100 W or less |
| **Standby power consumption** (At the low power mode) | |
| 220 V - 240 V | 7 W or less |
| 100 V - 120 V | 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 - 30ºC, Humidity: 10 - 80% (Condensation free) |
| **Acoustic Noise** Acoustic pressure | Operation: 47 dB (A) (Glossy paper, Image, Print quality: Standard) Standby: 35 dB (A) or less |
| Acoustic power (LWAd) | Operation: 6.4 Bels or less (Glossy paper, Image, Print quality: Standard) |
| Printer Language | GARO (Graphic Arts language with Raster Operations) Job control: CPCA Status reply: CPCA, SNMP-MIB (Standard MIB, Canon MIB) |
| Firmware Type | Flash ROM |
| Update | Updated from USB, Ethernet port (Utility use) |
| Operation Panel 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) |
| Hard disk | 2.5 inch 80 GB 5400 prm S-ATA i/F |
| **Interface** 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, IEEE 802.3ab 1000base-T / Auto-Negotiation, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3x Full Duplex |
| Protocol | IPX/SPX (Netware 4.3(J), 5.1 (J), 6.0 (J), SNMP (Canon-MIB), HTTP, TCP/IP (IPv4/IPv6), AppleTalk |
| **Operating Systems supported** Windows | 2000 (32 bit), XP (32 / 64 bit), Vista (32 / 64 bit), Windows 7 (32 / 64 bit ), Server 2003 ( 32 / 64 bit), Server 2008 (32 / 64 bit) |
| Mac | OSX (32 / 64 bit) 10.3.9 – 10.6 |

| **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 | 1,200dpi x 2 |
| Nozzle per chip | 2,560 nozzles x 6 colours, 2 print heads |
| Droplet size | 4 pl |
| Head replacement | User replacement |

| **INK TANK** | |
|---|---|
| Model | PFI-105: BK, MBK, C, M, Y, PC, PM, GY, PGY, R, G, B |

| **MEDIA HANDLING** | |
|---|---|
| Roll paper | One roll, (top-loading) [front operation possible], front output |
| Cut sheet | Front loading and front output, top loading and front output |

| **Media type** | |
|---|---|
| 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, Water Resistant Art Canvas, Artistic Matte Canvas, Artistic Satin Canvas, Universal Opaque White Film, Roll-Up Film, Scrim Banner Vinyl, Scrim Banner, Adhesive Matte Vinyl, Adhesive Matt Vinyl Stretch. |
| **Media Size** Roll paper (width) | ISO: A3, A2, A1<br>JIS: B2, B4<br>ARCH: D (24")<br>Others: 8", 10", 14", 16", 17", 300mm, A3+ (329mm) |
| Cut sheet (top loading) | 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" |
| Cut sheet (front loading) | ISO: A2, A1, B2<br>DIN: C2<br>JIS: B2<br>ANSI: 17 x 22", 22x34"<br>ARCH: 18 x 24", 24 x 36"<br>Photo: 20 x 24", 18 x 22"<br>Poster: 20 x 30"<br>Others: 13 x 22" |
| Media Thickness | Roll paper & Cut sheet (manual feed from top): 0.07 – 0.8mm (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>Cut sheet (manual feed from top): 203.2 – 610mm (manual feed from front): 250 –610mm / POP board use only: A2, A1 |
| Minimum Printable Paper Length | Roll Paper: 203.2mm (8")<br>Cut Sheet (manual feed from top): 279.4mm (11") (manual feed from front): 350mm |
| Maximum Printable Paper Length | Roll paper: 18m (Varies according to the OS and application)<br>Cut sheet (manual feed from top): 1.6m (Varies according to the OS and application) (manual feed from front): 914mm |
| **Margins** (Top, Bottom, Sides) Recommended area | Roll paper: Top: 20mm, Bottom: 5mm, Side: 5mm (Manual feed): 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 (Manual feed from top): Top: 3mm, Bottom: 3mm, Side: 3mm (Manual feed from front): Top: 3mm, Bottom: 23mm, Side: 3mm |
| Media width for Borderless printing (Roll paper only) | 10"(254mm), B4(257mm), 14"(356mm), 16"(407mm), A2(420mm), A2+/17"(432mm), B2(515mm) A1(594mm), 24"(610mm) |

| **OPTION** | |
|---|---|
| Printer Stand | ST-25 |
| Roll holder set (3"core roll media) | RH2-25 (2-inch core roll holder with 3-inch paper tube attachment and borderless print spacer) |

| **CONSUMABLES** | |
|---|---|
| Ink Tank | PFI-105, BK, MBK, C, M, Y, PC, GY, PGY, R, G, B |
| Print Head | PF-05 |
| Maintenance Cartridge | MC-16 |

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**imagePROGRAF**

**FINE** Full-photolithography Inkjet Nozzle Engineering

**L-COA**

**Kyuanos**

**LUCIA** ink

**Canon**