

imagePROGRAF  
PRO-4100

# UNRIVALLED COLOUR EXPRESSION WITH FAST AND EFFICIENT 44 INCH OUTPUT



- **Media expert**

Automatic media handling adapts to any media type for a streamlined user experience

- **Protect print data**

Maximise security by restricting print connections and protocols with individual user passcodes

- **Workflow efficiency**

Work smarter with hard keys and saved on-screen settings for frequently used operations

- **Auto media type detection**

A sensor detects the media, matches it with an internal database and automatically selects the media type

- **Colour reproduction**

Advanced image processing accurately expresses colours, improves gradation and increases sharpness

Est. 1991

DESIGNSUPPLY   
supporting creativity

A large format solution for print service providers in the photographic and fine art markets



## PRODUCT RANGE



imagePROGRAF PRO-2100



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100

**Canon**

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## TECHNICAL SPECIFICATIONS

# imagePROGRAF PRO-4100

### TECHNOLOGY

|                     |  |
|---------------------|--|
| Printer Type        | 12 Colour 44"/1118mm   |
| Print Technology    | Canon Bubblejet on Demand 12 colours integrated type (12 chips per print head x 1 print head)  |
| Print Resolution    | 2,400 x 1200 dpi   |
| Number of Nozzles   | 18,432 nozzles (1536 nozzles x 12 colour)  |
| Line Accuracy       | ±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                                      |
| Nozzle Pitch        | 600 dpi x 2 includes Non-firing nozzle detection and compensation system   |
| Ink Droplet Size    | minimum 4 pl per colour  |
| Ink Capacity        | Sales Ink: 160ml/330ml/700ml<br>Bundled Starter Ink: 330ml   |
| Ink Type            | Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser   |
| OS Compatibility    | Microsoft Windows: 32 Bit, Vista, 7.8, 8.1,10<br>Server 2008, 64 Bit: Vista, 7.8, 8.1,10,<br>Server 2008/R2, Server 2012/R2, Windows Server 2019<br>Apple Macintosh: OS X 10.10.5 - OS X 10.11,<br>macOS 10.12 - macOS 10.14                                     |
| Printer Languages   | SG Raster (Swift Graphic Raster), PDF (Ver.1.7),<br>JPEG (Ver. JFIF 1.02)  |
| Standard Interfaces | USB A Port: USB Memory Direct Print for JPEG/PDF files<br>USB B Port: Built-in Hi-Speed USB 2.0<br>Ethernet: 10/100/1000 base-T<br>Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b<br>*Please refer to user manual how to activate/deactivate the wireless LAN |

### MEMORY

|                 |                        |
|-----------------|------------------------|
| Standard memory | 3 GB                   |
| Hard Drive      | 500 GB (Encrypted HDD) |

### PRINT TIME FOR A0 PAGE SIZE

|                    |                        |                   |
|--------------------|------------------------|-------------------|
| Media Type         | Print Mode: Print Time |                   |
| Plain Paper        | <b>Print Mode</b>      | <b>Print Time</b> |
|                    | Fast                   | 1:37 min          |
| Coated Paper       | Standard               | 2:49 min          |
|                    | <b>Print Mode</b>      | <b>Print Time</b> |
|                    | Standard               | 2:49 min          |
|                    | High Quality           | 5:35 min          |
| Glossy Photo Paper | <b>Print Mode</b>      | <b>Print Time</b> |
|                    | Standard               | 5:35 min          |
|                    | High Quality           | 8:50 min          |

### MEDIA HANDLING

|                             |  |
|-----------------------------|--|
| Media Feed and Output       | Upper Roll Paper: One Roll, Front-loading, Front Output<br>Lower Roll Paper: One Roll, Front-loading, Front Output<br>Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever) |
| Media Width                 | Roll paper: 152.4-1118 mm<br>Cut sheet: 152.4-1118 mm  |
| Media Thickness             | Roll/Cut: 0.07 - 0.8 mm  |
| Minimum Printable Length    | 203.2 mm   |
| Maximum Printable Length    | Roll paper: 18 m (Varies according to the OS and application)<br>Cut sheet: 2133.6mm   |
| Maximum Media Roll Diameter | 170 mm   |
| Media Core Size             | Internal diameter of roll core: 2"/3"  |
| Margins Recommended area    | Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm<br>Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm   |
| Margins Printable area      | Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm<br>Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm<br>Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm                                   |

### Media Feed Capacity

### Media Take-up roll unit

### Borderless Printing Width (Roll Only)

### Maximum number of delivered prints

### DIMENSIONS AND WEIGHT

#### Physical Dimensions WxDxH (mm) and Weight (Kg)

#### Packaged Dimensions WxDxH (mm) and Weight (Kg)

### POWER AND OPERATING REQUIREMENTS

#### Power Supply

#### Power Consumption

### Operating Environment

#### Acoustic Noise (Power/Pressure)

### Regulations

### Certificates

### WHAT'S INCLUDED

#### What's in the Box?

### Software Included

### OPTIONS

#### Optional Items

### CONSUMABLES

#### User Replaceable Items

Roll Paper: Two rolls. Automatic switching is possible.  
Cut Sheet: 1 sheet

Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll

515mm(JIS B2), 728mm(JIS B1), 1030mm(JIS B0), 594mm(ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36", 42", 44", 257mm(JIS B4)\*, 297mm(ISO A3)\*, 329mm(ISO A3+)\*, 420mm(ISO A2)\*, 6", 8", 12", 16", 20", 22", 30", 300mm", 500mm, 600mm 800mm, 1000mm and custom roll width (152.4-1118 mm)

\*Some environmental conditions may not produce the desired result

Standard position: 1 sheet  
Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)

1593 x 984 x 1168 mm (Basket Open)  
1593 x 766 x 1168 mm (Basket Closed)  
123 kg (including Roll Holder Set and Roll unit, excluding ink and print heads)

Printer (Main unit with pallet): 1820 x 915 x 1019 mm  
174 kg  
Roll Unit: 1727 x 562 x 461 mm  
31 kg

AC 100-240V (50-60Hz)

Operation: 112 W or less

Sleep mode: 3.6W or less

Default setting for the time to enter the Sleep mode:

Approx. 5 Minutes

Power off: 0.5 W or less

Temperature: 15-30°C, Humidity: 10-80% RH

(no dew condensation)

Operation: approx. 48 dB (A)

(Glossy paper, Print priority: Standard)

Standby: 35 dB (A) or less

Operation: 6.4 Bels or less (Glossy paper, Image, Print

priority: Standard) (Measured on ISO 7779 standard)

Europe: CE mark, Russia: EAC

TUV, CB

Printer, Iprint heads, 3 inch paper core attachment, Power Cable, 1 set of starter ink tanks, Set up guide, Safety/Standard Environment leaflet, User software CD-ROM (Win), PosterArtist Lite CD-ROM, EU Biocide Sheet, Eurasian Economic Union Sheet, Important Information Sheet

imagePROGRAF PRO Printer Driver, Print Plug-In for Office, Quick Utility Toolbox and PosterArtist Lite  
Other software available as Download from Web.

2/3" Roll Holder: RH2-46

Roll Unit: RU-43

Ink Tank: PFI-1100 (160ml), PFI-1300 (330ml), PFI-1700 (700ml)  
Print Head: PF-10  
Cutter Blade: CT-07  
Maintenance Cartridge: MC-30

### Disclaimer

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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.

