

# imagePROGRAF PRO-4100

## UNRIVALLED COLOUR EXPRESSION WITH FAST AND EFFICIENT 44 INCH OUTPUT

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



- **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

### PRODUCT RANGE



imagePROGRAF PRO-2100



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100

**Canon**

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# TECHNICAL SPECIFICATIONS

# imagePROGRAF PRO-4100

## TECHNOLOGY

<b>Printer Type</b>	T2 Colour 44"/1118mm
<b>Print Technology</b>	Canon Bubblejet on Demand T2 colours integrated type (T2 chips per print head x 1 print head)
<b>Print Resolution</b>	2,400 x 1200 dpi
<b>Number of Nozzles</b>	18,432 nozzles (1536 nozzles x 12 colour)
<b>Line Accuracy</b>	30.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only
<b>Nozzle Pitch</b>	600 dpi x 2 Includes Non-firing nozzle detection and compensation system
<b>Ink Droplet Size</b>	minimum 4 pl per colour
<b>Ink Capacity</b>	Sales Ink: 160ml/330ml/700ml Bundled Starter Ink: 330ml
<b>Ink Type</b>	Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey, Photo Grey, Red, Blue, Chroma Optimiser
<b>OS Compatibility</b>	Microsoft Windows: 32 Bit, Vista, 7, 8, 8.1, 10 Server 2008, 64 Bit: Vista, 7, 8, 8.1, 10, Server 2008/R2, Server 2012/R2, Windows Server 2019 Apple Macintosh: OS X 10.11.6, macOS 10.12-macOS 10.15
<b>Printer Languages</b>	SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
<b>Standard interfaces</b>	USB A Port: USB Memory Direct Print for JPEG/PDF files USB B Port: Built-in Hi-Speed USB 2.0 Ethernet: 10/100/1000 base-T Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b *Please refer to user manual how to activate/deactivate the wireless LAN

## MEMORY

<b>Standard memory</b>	3 GB
<b>Hard Drive</b>	500 GB (Encrypted HDD)

## PRINT TIME FOR A0 PAGE SIZE

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

## MEDIA HANDLING

<b>Media Feed and Output</b>	Upper Roll Paper: One Roll, Front-loading, Front Output Lower Roll Paper: One Roll, Front-loading, Front Output Cut Sheet: Front-loading, Front Output (Manual feed using media locking lever)
<b>Media Width</b>	Roll paper: 152.4-1118 mm Cut sheet: 152.4-1118 mm
<b>Media Thickness</b>	Roll/Cut: 0.07 - 0.8 mm
<b>Minimum Printable Length</b>	203.2 mm
<b>Maximum Printable Length</b>	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 2133.6mm
<b>Maximum Media Roll Diameter</b>	170 mm
<b>Media Core Size</b>	Internal diameter of roll core: 2 1/3"
<b>Margins Recommended area</b>	Roll paper: Top: 20 mm, Bottom: 3 mm, Side: 3 mm Cut sheet: Top: 20 mm, Bottom: 20 mm, Side: 3 mm
<b>Margins Printable area</b>	Roll paper: Top: 3 mm, Bottom: 3 mm, Side: 3 mm Roll paper (borderless): Top: 0 mm, Bottom: 0 mm, Side: 0 mm Cut sheet: Top: 3 mm, Bottom: 20 mm, Side: 3 mm

## Media Feed Capacity

<b>Media Take-up roll unit</b>	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
<b>Borderless Printing Width (Roll Only)</b>	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
<b>Maximum number of delivered prints</b>	Standard position: 1 sheet Flat position: A2 landscape, glossy paper less than 10 sheets, Coated paper less than 20 sheets (excludes strong curled condition)

## DIMENSIONS AND WEIGHT

<b>Physical Dimensions WxDxH (mm) and Weight (Kg)</b>	1593 x 984 x 1168 mm (Basket Open) 1593 x 766 x 1168 mm (Basket Closed) 145kg (including Roll Holder Set and Roll unit, excluding ink and print heads)
<b>Packaged Dimensions WxDxH (mm) and Weight (Kg)</b>	Printer (Main unit with pallet): 1820 x 915 x 1042 mm 177kg Roll Unit: 1727 x 562 x 461 mm 33kg

## POWER AND OPERATING REQUIREMENTS

<b>Power Supply</b>	AC 100-240V (50-60Hz)
<b>Power Consumption</b>	Operation: 107 W or less Sleep mode: 2.0W or less Default setting for the time to enter the Sleep mode: Approx. 5 Minutes Power off: 0.3 W or less
<b>Operating Environment</b>	Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)
<b>Acoustic Noise (Power/Pressure)</b>	Operation: approx. 48 dB (A) (Glossy paper, Print priority: Standard) Standby: 35 dB (A) or less Operation: 6.5 Belts or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO 7779 standard)
<b>Regulations</b>	Europe: CE mark, Russia: EAC
<b>Certificates</b>	TUV, CB

## WHAT'S INCLUDED

<b>What's in the Box*</b>	Printer, 1print 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
<b>Software included</b>	imagePROGRAF PRO Printer Driver and PosterArtist Lite Other software available as Download from Web.

## OPTIONS

<b>Optional Items</b>	2/3" Roll Holder: RH2-46 Roll Unit: RU-43
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## CONSUMABLES

<b>User Replaceable Items</b>	Ink Tank: PFI-1100 (160ml), PFI-1300 (330ml), PFI-1700 (700ml) Print Head: PF-10 Cutter Blade: CT-07 Maintenance Cartridge: MC-30
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## 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.



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