

# 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

# 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 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
Nozzle Pitch	600 dpi x 2 includes Non-firing nozzle detection and compensation system minimum 4 pl per colour
Ink Droplet Size	Sales Ink: 160ml/330ml/700ml Bundled Starter Ink: 330ml
Ink Capacity	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 Server 2008, 64 Bit: Vista, 7, 8, 8.1, 10, Server 2008/R2, Server 2012/R2, Windows Server 2019 Apple Macintosh: OS X 10.10.5 - OS X 10.11, macOS 10.12 - macOS 10.14
Printer Languages	SG Raster (Swift Graphic Raster), PDF (Ver.1.7), JPEG (Ver. JFIF 1.02)
Standard Interfaces	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

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

## PRINT TIME FOR A0 PAGE SIZE

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

## MEDIA HANDLING

Media Feed and Output	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)
Media Width	Roll paper: 152.4-1118 mm 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) 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 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 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

Media Take-up roll unit	Roll Paper: Two rolls. Automatic switching is possible. Cut Sheet: 1 sheet
Borderless Printing Width (Roll Only)	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 BO), 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)
Maximum number of delivered prints	*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)

## DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) and Weight (Kg)	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)
Packaged Dimensions WxDxH (mm) and Weight (Kg)	Printer (Main unit with pallet): 1820 x 915 x 1019 mm 174 kg Roll Unit: 1727 x 562 x 461 mm 31 kg

## POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	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
Operating Environment	Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)
Acoustic Noise (Power/Pressure)	Operation: approx. 48 dB (A) (Glossy paper, Print priority: Standard) Standby: 35 dB (A) or less Operation: 6.4 Bel's or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO 7779 standard)
Regulations Certificates	Europe: CE mark, Russia: EAC TUV, CB

## WHAT'S INCLUDED

### What's in the Box?

## Software Included

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

## OPTIONS

2" / 3" Roll Holder: RH2-46  
Roll Unit: RU-43

## CONSUMABLES

User Replaceable Items  
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.



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