

# imagePROGRAF PRO-4100S

## PRODUCE SUPERIOR QUALITY GRAPHIC AND POSTER PRINTS UP TO 44 INCHES

A high print quality, 44inch large format device aimed at print service providers.



- **Borderless print**

Print various-sized borderless images from one roll size, with high margin adjustment accuracy

- **Robust security**

Remotely manage printer network security and control user permissions with security access levels

- **Reduce ink costs**

Remaining media estimation saves wasted paper and ink by monitoring the amount of media left.

- **High productivity**

Save time with automated user workflows such as media loading and media type detection

- **Software integration**

Minimise waste by reviewing and editing images on-screen with Professional Print software

### PRODUCT RANGE



imagePROGRAF PRO-4100S



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100s

TECHNICAL  
SPECIFICATIONS

imagePROGRAF  
PRO-4100S

TECHNOLOGY

Printer Type	8 Colour 44"/1118mm
Print Technology	Canon Bubblejet on Demand 8 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 4 colours, 3072 nozzles x 4 colours)
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
Ink Droplet Size	minimum 4 pl per colour
Ink Capacity	Sales Ink: 160ml/330ml/700ml Bundled Starter Ink: 330ml
Ink Type	Pigment inks - Black, Matte Black, Cyan, Magenta, Yellow, Photo Cyan, Photo Magenta, Grey
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 10.11.6, macOS 10.12- macOS 10.15
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	<b>Print Mode</b>	<b>Print Time</b>
	Fast	1:21 min
	Standard	2:24 min
Coated Paper	<b>Print Mode</b>	<b>Print Time</b>
	Standard	2:24 min
	High Quality	5:34 min
Glossy Photo Paper	<b>Print Mode</b>	<b>Print Time</b>
	Standard	4:44 min
	High Quality	5:34 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	Roll Paper: Two rolls. Automatic switching is possible. Cut Sheet: 1 sheet

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

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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.

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, 1000m and custom roll width (152.4-1118mm)

\*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)  
143kg (including Roll Holder Set and Roll unit, excluding ink and print heads)

Printer (Main unit with pallet): 1820 x 915 x 1042 mm  
176kg  
Roll Unit: 1727 x 562 x 461 mm  
33kg

AC 100-240V (50-60Hz)

Operation: 116 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

Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)

Operation: approx. 49 dB (A)  
(Glossy paper, Print priority: Standard)  
Standby: 35 dB (A) or less  
Operation: approx. 6.6 Bels or less (Glossy paper, Image, Print priority: Standard) (Measured on ISO 7779 standard)

Europe: CE mark, Russia: EAC

TUV, CB

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

imagePROGRAF PRO Printer Driver 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

