

HIGH QUALITY PRINTING WITH ADVANCED IMAGE PROCESSING

A 24 inch printer that delivers high quality printing for the graphic, fine art, and print for pay markets, in a compact size.



- **Passcode printing**
Set user print permissions and individual passcodes to restrict access and boost security
- **Automated processes**
Smart media handling automatically detects the media type and estimates remaining media
- **Software solutions**
Professional Print enables soft proofing, layout functions and pattern printing, on-screen
- **Operation efficiencies**
Work more productively by saving settings for routine print tasks, on an individual level
- **Borderless print**
Print various-sized borderless images from one roll size, with high margin adjustment accuracy

PRODUCT RANGE



imagePROGRAF PRO-2100



imagePROGRAF PRO-4100



imagePROGRAF PRO-6100

Canon

TECHNICAL SPECIFICATIONS

ImagePROGRAF PRO-2100

TECHNOLOGY

| | |
|----------------------------|---|
| Printer Type | 12 Colour 24"/610mm |
| 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 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: 160ml |
| 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 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 <small>*Please refer to user manual how to activate/deactivate the wireless LAN</small> |

MEMORY

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

PRINT TIME FOR A1 PAGE SIZE

| | | |
|---------------------------|------------------------|-------------------|
| Media Type | Print Mode: Print Time | |
| Plain Paper | Print Mode | Print Time |
| | Fast | 00:58 min |
| | Standard | 01:38 min |
| Coated Paper | Print Mode | Print Time |
| | Standard | 01:38 min |
| | High Quality | 03:11 min |
| Glossy Photo Paper | Print Mode | Print Time |
| | Standard | 03:11 min |
| | High Quality | 05:02 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 - 610mm Cut sheet: 152.4 - 610mm |
| 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 1/3" |
| 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 | Dual direction roll take up unit allowing print surface to be wound inside or outside of the roll |

Borderless Printing Width (Roll Only)

515mm (JIS B2), 594mm (ISO A1), 10", 14", 17", 24", 257mm (JIS B4)*, 297mm (ISO A3)*, 329mm (ISO A3+)*, 420mm (ISO A2)*, 6", 8", 12", 16", 20", 22", 30", 300mm*, 500mm, 600mm and custom roll width (154.2-610mm)

*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)

Maximum number of delivered prints

DIMENSIONS AND WEIGHT

Physical Dimensions WxDxH (mm) and Weight (Kg)

1110 x 984 x 1168 mm (Basket Open)
1110 x 766 x 1168 mm (Basket Closed)
119 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): 1324 x 902 x 1042 mm
124kg
Roll Unit: 1244 x 562 x 461 mm
26kg

POWER AND OPERATING REQUIREMENTS

Power Supply

AC 100-240V (50-60Hz)

Power Consumption

Operation: 93 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

Operating Environment

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

Acoustic Noise (Power/Pressure)

Operation: approx. 46 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

Regulations

Certificates

TUV, CB

WHAT'S INCLUDED

What's in the Box?

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

Software Included

imagePROGRAF PRO Printer Driver and PosterArtist Lite
Other software available as Download from Web.

OPTIONS

Optional Items

Printer Stand: SD-21
2/3" Roll Holder: RH2-29
Roll unit: RU-23

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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