imagePROGRAF
PRO-310

Canon

THE FINISHING TOUCH

Taking a great shot is just the beginning. After reviewing and refining your images, you select the one you feel will stand out against hundreds of images the world shares every day.

Canon's expertise in image capture and management, forms the backbone of our large-format printer range. These printers have faithfully reproduced stunning visuals for creatives worldwide. Now, with the new imagePROGRAF PRO Series, your work can shine as it was meant to. Optimised hardware, software, and ink technology ensure that every detail is brought to life as you intended it. Take complete control of your creative image process from start to finish.

KEY FEATURES

REFORMULATED LUCIA PRO II INK

LUCIA PRO II[1] ink includes an advanced colour development process that retains colour in an image for much longer. As a result, printed images have an excellent lightfastness which are preserved for 200 years[2]

HIGH SCRATCH RESISTANCE

Wax has been added to the ink to improve scratch resistance for prints printed on glossy paper. This means prints can be easily handled after printing for framing, carrying, posting and packaging.

IMPROVED BLACK DENSITY

Use of low reflectance pigments provides high black density. This allows fine art paper to reproduce a deeper black colour whilst expanding the range of expression of the work.

BEYOND BORDERS

The PRO-310 allows borderless printing on various sizes up to A3+, making it perfect for frameless presentation prints and portfolios.

[1] Newly developed pigment inks are included in 9 out of the 10 inks installed. Only matte black uses the same ink as imagePROGRAF GP-4000/2000.
[2] When using Canon Photo Paper Pro Premium Platinum, the predicted value is calculated in accordance with the indoor light resistance test method, as well as the life evaluation criteria of the digital color photographic print image preservation evaluation method (JEITA CP-3901B) published by JEITA (Japan Electronics and Information Technology Industries Association).
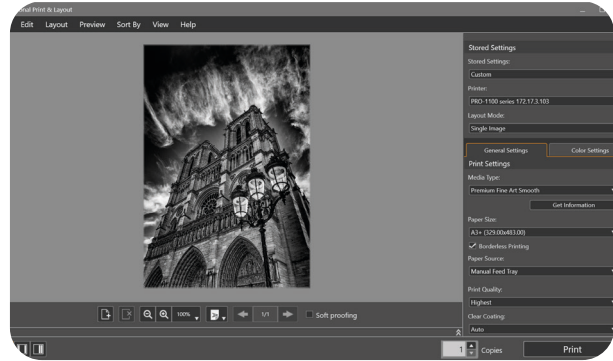
POWERFUL WORKFLOW SOLUTIONS

Professional Print and Layout

Canon's Professional Print & Layout software for imagePROGRAF PRO Series printers enables easy professional photo printing with editing and layout tools, as well as colour management capabilities.

Features include:
- Can be used as stand-alone RIP or as export module in Adobe®Photoshop®, Adobe® Lightroom, or Canon Digital Photo Professional
- Create custom templates
- Preview of multiple images at once
- Save presets
- Crop images
- Auto nesting
- Black point compensation
- HDR workflow

EOS	DIGITAL PHOTO PROFESSIONAL	PROFESSIONAL PRINT & LAYOUT	imagePROGRAF PRO Series
Shooting	Developing/Editing	Print Preparation	Printing

PRO-310

EOS R6 Mark II

Canon

imagePROGRAF **PRO-310**
SPECIFICATIONS

Number of Nozzles in Printhead
7,680 Nozzles
(768 Nozzles x 10 colors)

Maximum Print Resolution
4800 x 2400 dpi

Droplet Size
Minimum 4pL per colour

Ink Type
Pigment: 10 colours (Photo Black/Matte Black/Cyan/Magenta/Yellow/Photo Cyan/
Photo Magenta/Grey/Red/Chroma Optimiser)

Ink Tank
Shipped with Printer: 14.4ml x 10 colours
Replacement: PFI-5100 (14.4ml) for MBK/PBK/C/M/Y/PC/PM/GY/R/CO

Media Feed
Cut Sheet: Top Tray loading, Front Output

Media Size

Media Size	Top Tray	Manual Feed
ISO	A5, A4, A3, A3+	A4, A3, A3+
JIS	B5, B4	B4
Other	5 x 5", 5 x 7", 9 x 13", 11 x 14", 7 x 10", 8 x 10", 10 x 12", 12 x 12", 210 x 594mm, L, 2L, KG, Letter, Legal, Ledger	9 x 13", 11 x 14", 13 x 19", 8 x 10", 10 x 12", 12 x 12", 210 x 594mm, Letter, Legal, Ledger
Media Thickness	Plain Paper: 64 to 105g/m2, Special Paper: Up to 380g/m2	0.1 to 0.6mm
Media Width	89 to 329mm	203.2 to 330.2mm
Minimum Printable Paper Length	127mm	254mm
Maximum Printable Paper Length	1800mm	1800mm
Borderless Printing Paper Size	A5, A4, A3, B5, B4, Legal, Letter, Ledger, Hagaki, A3, L, 2L, 4x6, 5x7, 11x14, 13x19 Super B, 7x10, 8x10, 10x12, 12x12, Square (127mm), 210x594mm	A5, A4, A3, B5, B4, Legal, Letter, Ledger, Hagaki, A3, L, 2L, 4x6, 5x7, 11x14, 13x19 Super B, 7x10, 8x10, 10x12, 12x12, Square (127mm), 210x594mm
Supported Media	Plain Paper, Photo Paper Pro Platinum , Photo Paper Pro Luster, Photo Paper Plus Glossy II, Matte Photo Paper, Photo Paper Pro Crystal Grade, Ink Jet Hagaki, Hagaki, Hagaki A, Photo Paper Plus Semi-gloss, Lightweight Photo Paper, Heavyweight Fine Art Paper, Japanese Paper Washi, Canvas, Photo Paper (Grayscale Printing), Photo Paper (Long-form Printing), Fine Art Paper (Long-form Print), Greeting Card, Scrap booking	Photo Paper Pro Platinum, Photo Paper Pro Luster, Photo Paper Plus Glossy II, Matte Photo Paper, Photo Paper Pro Crystal Grade, Photo Paper Plus Semi-gloss, Premium Fine Art Rough, Premium Fine Art Smooth, Photo Paper Pro Premium Matte A, Lightweight Photo Paper, Heavyweight Photo Paper, Heavyweight Fine Art Paper, Extra Heavy-weight Fine Art Paper, Highest Density Fine Art Paper, Japanese Paper Washi, Canvas, Baryta Photo Paper, Photo Paper (Grayscale Printing), Fine Art Paper (Grayscale Print), Photo Paper (Long-form Printing), Fine Art Paper (Long-form Print), Greeting Card, Scrap booking

Printing Software Utilities
Canon Print Service, Professional Print & Layout, Media Configuration Tool, Canon PRINT, Easy-PhotoPrint Editor, Easy-Layout Editor

Operating System
Windows 11, Windows 10, Windows Server 2016, Windows Server 2019, Windows Server 2022, MacOS v11.7.10-v14

Interface
USB B port : Hi-Speed USB
Wired LAN : EEE802.3u(100BASE-TX)/IEEE802.3(10BASE-T)
Wireless LAN: IEEE 802.11 b/a/g/n/ac
Wireless LAN Channels: 2.4GHz & 5GHz
Wireless LAN Security: WPA-PSK(AES), WPA2-PSK(AES), WPA3-SAE(AES)

Printing Solutions
Canon PRINT(iOS/Android), Canon Print Service(Android), Airprint, Mopria®

Power Supply
AC 100–240V (50 – 60 Hz)

Power Consumption
Printing : Approx 16W
Standby(Sleep): Approx 1.0W
Power Off: Approx 0.05W

Operational Environment
Temperature: 15° – 30° C
Relative Humidity: 10-80%
(Non Condensation)

Printer Dimensions (W x D x H) and Weight
Dimensions 639 x 379 x 200 mm
Weight: 14.4kg

Package Dimensions (W x D x H) and Weight
Dimensions 727 x 470 x 354 mm
Weight: 20kg

Consumables
Ink Tank: PFI-5100
Maintenance Cartridge: N/A

PosterArtist
Visit posterartist.canon

LUCIA PRO II ink *1

FINE
Full-photolithography Inkjet
Nozzle Engineering

*1 Matte black ink is using LUCIA PRO ink formulation. All other inks are using LUCIA PRO II.

Wireless printing requires a working network with wireless 802.11b/g or 802.11n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.

Quoted top speeds may be limited by the effective bandwidth of the USB 2 and is not guaranteed for all media types.

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