

imagePROGRAF  
PRO-520 | PRO-540 | PRO-560

Canon  
Delighting You Always

# Professional from Photo to Print



PRO-520 Max. Print Width	PRO-540 Max. Print Width	PRO-560 Max. Print Width	2400 DPI	Crystal-fidelity
L-COA PRO	FINE 1.28" Wide Print Head	LUCIA PRO ink	CO Chroma Optimiser	Hot Swap Ink Tank
3.5" Colour LCD Touch Panel	Dual Roll System (Optional)	320 GB Hard Drive	Connectivity	Print Studio PRO

## Creates photo prints as envisioned

The best printers Canon has engineered, distinguished by a bold red line, the imagePROGRAF PRO-520, PRO-540 and PRO-560 are designed to bring outstanding large format photo print quality to professional photographers and fine art specialists.

# PROFESSIONAL FROM PHOTO TO PRINT

The imagePROGRAF PRO series are designed to create today's outstanding productions and tomorrow's gallery showpieces. Combining cutting-edge printing technologies with speed, sharpness, richer colours, deeper blacks and colour accuracy, the imagePROGRAF PRO-520, PRO-540 and PRO-560, 24", 44", 60" wide print size models offer a 12 colour ink system with Chroma Optimiser ink that satisfy the highest demands of professional photographers and fine art specialists.

## Core Technologies



**LUCIA  
PRO ink**

Ink Innovation



**FINE**

Full-photolithography Inkjet  
Nozzle Engineering



**L-COA  
PRO**

Productive Processing



**High Precision  
Mechanical Platform**

Class-leading Consistency



**imagePROGRAF  
PRO-520**

Printing Speed:  
→ 24" ~13.6 min per A1

**imagePROGRAF  
PRO-540**


Printing Speed:  
→ 44" ~16.4 min per A0

**imagePROGRAF  
PRO-560**

Printing Speed:  
→ 60" ~16.4 min per A0

\*1 Print speed (time taken to print one page) does not include time required for data processing, data transfer, and preprinting operations. Measurement results is measured using ISO JIS SCID N5 image on glossy paper, standard print quality mode.






## RED LINE FOR PROFESSIONALS

Crystal-fidelity

Powered by a Canon-to-Canon workflow that links images captured with an EOS Digital Camera and printed on an imagePROGRAF PRO Series printer, the result is a solution that delivers overwhelmingly high print quality produced by an input to output solution known as Crystal-fidelity. These unique Canon technologies and innovations establish the foundation for an ultra-high quality photography imaging solution that Canon has ever engineered, distinguished by a bold red line.





# KEEP YOUR COLOUR IN LINE

## LUCIA PRO INK SYSTEM

### • Ink Innovation, Impressive Colour Possibilities

Designed for the imagePROGRAF PRO Series, the LUCIA PRO ink is the next generation of pigment ink formation, featuring 12 new pigment inks with Chroma Optimiser ink. Using new pigment ink with modified compositions, the microencapsulated LUCIA PRO ink set is tightly arranged on paper with each print head pass – creating a stunning colour gamut and impressive tonal expression.

### • Wide Dynamic Range and Colour Reproduction

The imagePROGRAF PRO Series uses a combination of 4 monochromatic LUCIA PRO inks to enhance the dynamic range with grey and photo grey inks to ensure outstanding greyscale reproduction in lighter shadows. While the black inks can capture the finest detail in the darkest area of your image, bringing them to light. The newly formulated blue and magenta inks extends reproducible colour gamut for even greater photo expression of nightscapes and sunsets.

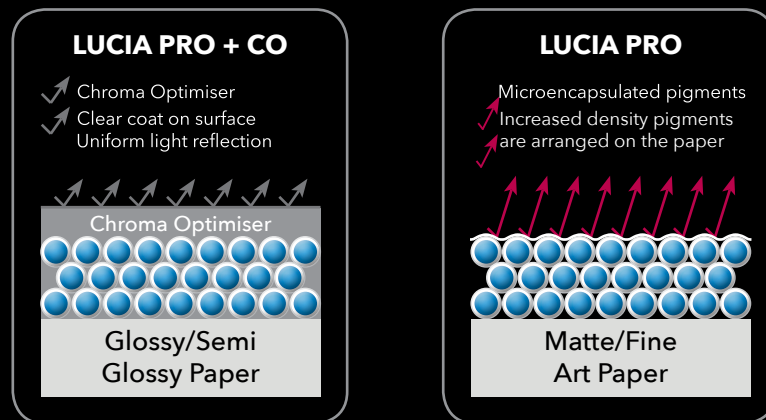


### • Chroma Optimiser

The imagePROGRAF PRO series 12 colour system uses the transparent Chroma Optimiser ink to improve high quality print performance on glossy papers. Chroma Optimiser complements the characteristics of pigment ink by reducing the difference in ink droplet height to form a flat and smooth coated layer. The result is evenly reflected light that reduces gloss unevenness, deeper blacks, heightened colour density and reduced metamerism.

#### 4 Professional results

- Highly Uniformed Glossiness
- High Black Density
- Anti-Bronzing Effect
- Improved Scratch Resistance



### • Extended Print Longevity

LUCIA PRO inks are designed for excellent print longevity, resisting fading and image degradation under common display conditions.

Category	Media	*Gas Fastness	*Light Fastness	*Album Life
Glossy Paper	Photo Paper Pro Platinum	Approx. 60 years	Approx. 60 years	Approx. 200 years
	Photo Paper Pro Luster	Approx. 60 years	Approx. 45 years	Approx. 200 years

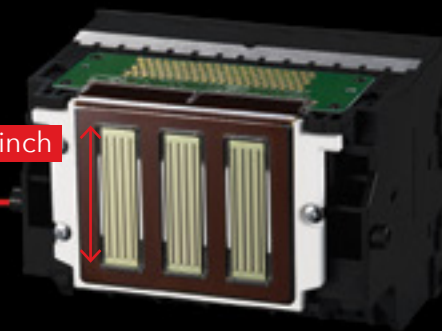
\*Criteria for estimation of gas fastness, light fastness and album life:  
Each image permanence data of album life, light fastness, and gas fastness are estimated based on each test of Indoor Thermal Stability, Indoor Light Stability and Indoor Ozone Stability which are set as "Digital Color Photo Print Stability Evaluation" (JEITA CP-3901) standard issued by JEITA (Japan Electronics and Information Technology Industries Association).



## 1.28" WIDE FINE PRINT HEAD

### • Fast Speed, Uncompromised Precision

Canon's Full-photolithography Inkjet Nozzle Engineering (FINE) features a patented print head that enables printing with microscopic droplets and high resolution up to 2400 x 1200 dpi. At a compact 1.28" wide, enabling efficient, high-precision ink ejection without discrepancies. This new Canon PF-10 printhead has a 3-chip configuration with 4 colours per chip in a single printhead, and outputs 12-colour ink from a total of 18,432 nozzles.



WITH 18,432 NOZZLES

### • Anti-clogging Technology

During printing, ink ejection conditions are checked with sensors and when a non-firing ink nozzle on the print head is detected, another nozzle automatically provides backup. This prevents wasted prints due to banding and also reduces head cleaning frequencies.

### • No Switching of Black Inks

The PRO Series is designed to work seamlessly when changing paper types. Matte Black and Photo Black inks have their own dedicated nozzles, so no switching is necessary. You can print on fine art paper then glossy paper with no worries, no changes, and no waste.

## L-COA PRO IMAGE PROCESSOR



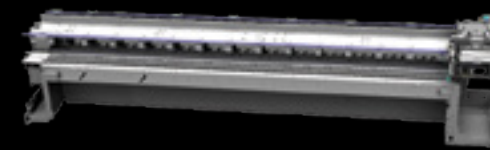
### • Productive Processing

Driving the imagePROGRAF PRO Series is the next generation processing engine L-COA (Large format printer- Common Architecture) PRO. This new engine controls the balance of inks and precise placement of ink droplets. With three new processing chips, each is paired with a massive 1GB of internal memory, harnesses advanced algorithms and application-specific integrated circuitry to produce high resolution prints, delivering supreme print quality at high speed.

## HIGH PRECISION MECHANICAL PLATFORM

### • Unibody design for class-leading consistency

The highly innovative unibody chassis structure provides an exceptionally rigid frame that can maintain a precise distance between the print head and media – virtually eliminating oscillation for high-precision ink placement with little inter-colour discrepancy.



## HIGHLY PRECISE COLOUR CONSISTENCY

### • Colour Density Sensor

The imagePROGRAF PRO Series printer includes an upgraded built-in colour density sensor that is able to sense colour inconsistency and activate colour calibration for easy colour adjustment, all possible without the need of an external spectrophotometer.

### • Advanced Colour Calibration

- Economical
- Fast and easy
- Consistent color reproduction
- Effective in network environments

### • Colour Calibration Link

Enhancing the current Calibration link, we offer the Fleet Colour Management which enables centralized comprehensive management such as colour calibration and 24 hour monitoring of colour status of up to 50 PRO series printers in remote and/or multiple with locations with ease on both Canon and non-Canon media, ensuring highly consistent printing colours among printers.



# PRINTER OVERVIEW

## SUPREME PRINT QUALITY



### Lucia Pro Ink

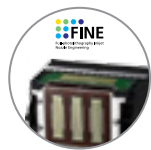
- 12 colour pigment ink with Chroma Optimiser ink



### High Precision Mechanical Platform

- Unibody construction for highly precise ink placement

## HIGH PRODUCTIVITY



### 1.28" Wide Fine Print Head

- Fast, supreme quality printing with 18,432 nozzles



### Triple L-COA PRO Image Processor

- Combine with a multi-core ASIC to process high resolution, high volume data at high speed



### High Capacity Ink Tanks

- 160ml, 330ml and 700ml



### Hot-Swap Ink Tanks

- Uninterrupted printing during ink tank replacement



### Dual Roll System

- Dual-roll feeding or Take-up unit in a single printer



### Multi-Positional Basket

- Regular basket - Regular paper drops into basket, 1 sheet, maximum length 62"
- Flatbed stacking - Effective when stacking A2 landscape size or smaller, glossy paper: 10 sheets
- Front delivery - Deep basket for A1 size media. Shallow basket for A4 size media
- Slope - Effective for Photo paper or Canvas that is sensitive to smearing and prevents scratches

## Ergonomic Compact Design

PRO-560 - 2000mm Wide  
PRO-540 - 1593 mm Wide  
PRO-520 - 1110 mm Wide



## EASE OF USE

### Easy Roll Loading

- Automatic paper feeding for both upper and lower roll



### Gigabit network, hi-speed USB 2.0 & Wireless LAN

- Gigabit network, high speed USB connectivity and Wireless LAN



### Print from USB Memory

- Direct printing in JPEG and PDF



### 3.5" Colour LCD Touch Screen

- Easy to understand, Intuitive operation



## ADVANCE PRINT SOFTWARE

### Pro Gallery Print

- Large format printing from iPad devices
- Collaborates seamlessly with photography web services like SmugMug and Zenfolio to showcase and print your portfolio anytime and anywhere



### Print Studio Pro

- Print plug-in for Adobe Photoshop, Photoshop Elements and Lightroom



### Print Plug-in For Office

- Print documents from Microsoft Office applications in large format sizes



### Direct Print & Share

- Cloud printing
- Batch print multiple files without starting up the dedicated applications (PDF, JPEG, TIFF & HP GL/2)



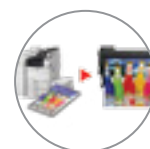
### Poster Artist Life

- Easily create professional looking posters



### Direct Enlargement Copy

- Direct printing of scanned images from imageRUNNER ADVANCE enterprise MFPs



## DEVICE MANAGEMENT



### Quick Utility Tool Box

- Launcher software for imagePROGRAF PRO series



### Accounting Manager

- Collects printer job logs for efficient calculation of printing cost for each job



### Device Management Console

- Perform fleet colour management



### Media Configuration Tool

- Manages media information in the operation panel and printer driver



# PERFECT YOUR WORKFLOW

## PRINT STUDIO PRO

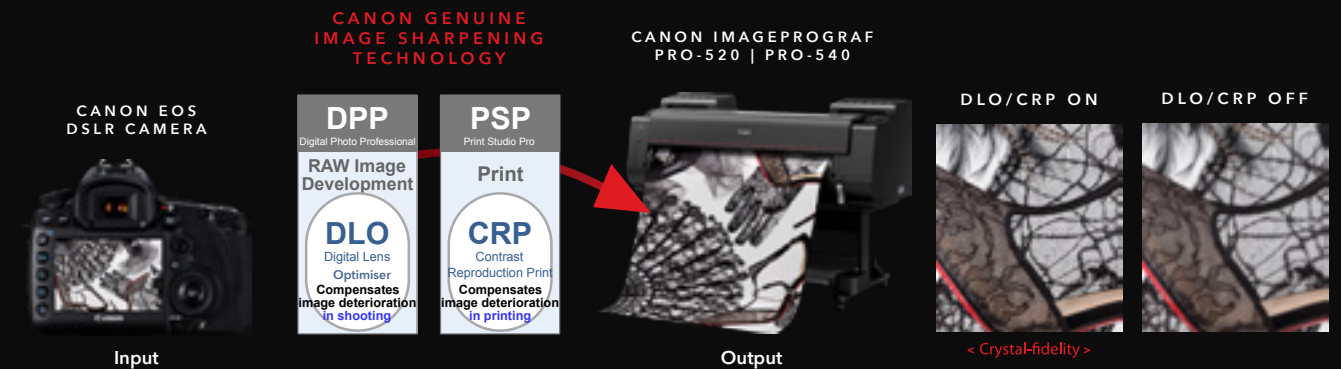
### Professional printing workflow

Print Studio Pro is a print plug-in to assist the print process following post-editing work in applications like Adobe Photoshop, Lightroom, Photoshop Elements and Canon Digital Photo Professional. With this solution, image data can be transferred seamlessly to the printer while retaining original image characteristics, thanks to a 16-bit processing engine. The printing workflow is highly streamlined, keeping productivity at optimal levels by maintaining a familiar user interface that offers immense ease of use, ensuring a superior user experience from shoot, post-editing, to print.

Key Features include:

- 16-bit printing workflow
- Large preview screen
- Import multiple images and make batch edits that apply to all
- Create "Favourites" settings
- Print history
- Soft proofing
- Edit tone curves and import/export
- Contrast reproduction
- Gallery wrap
- Ability to print multiple-up images

## CANON LARGE FORMAT PRINTING WORKFLOW



### Digital Lens Optimization (DLO)

With Canon's genuine image sharpening technology, Digital Lens Optimization (DLO) is a feature that is able to restore degradation of image data that may occur due to the nature of the lens through lens aberration correction, altered light is corrected to its original stats using a diffraction phenomenon such as low-pass filters, faithfully and beautifully recreating original images in full sharpness.

### Contrast Reproduction (CRP)

The full structure, clarity and texture of photographs shot using Canon's EOS digital cameras can then be faithfully reproduced on paper in unique Crystal-fidelity quality using the Contrast Reproduction (CRP) function Canon's Print Studio Pro plug-in. This function corrects any loss in sharpness during printing by analysing the differences in the printer and paper in advance. This result in a more faithful recreation of original image sharpness, achieving prints that are full of life.

### PRO GALLERY PRINT

PRO Gallery Print app supports large format printing from an iPad device. With this application, you can also collaborate seamlessly with photography web services like SmugMug and Zenfolio to showcase and print your portfolio anytime and anywhere.

### PRINT PLUG-IN FOR OFFICE

Print Plug-In for Office lets users print documents from Microsoft Office applications such as Word and PowerPoint in large format sizes with easy operations simply by following the instructions provided by the Wizard and guide.

### DIRECT PRINT & SHARE

Direct Print & Share enables to batch print multiple files of different types such as PDF, JPEG, TIFF and HP-GL/2, without starting up the dedicated applications. In addition, the shortcut printing function can be used to perform printing according to pre-registered print settings such as outputting printer, print quality, paper type and paper size, simply drag & drop the files to be printed to the shortcut folder. This lets print-for-pays and print shops handle print jobs of standard sizes with one-action easy operations, realizing an efficient large format printing workflow.

### POSTER ARTIST LITE

PosterArtist Lite include a wide variety of templates, stock photos and clip art for various business types and themes. This lets users easily create professional-looking posters to suit a range of objectives and applications.

### DIRECT ENLARGEMENT COPY

Used in conjunction with imageRUNNER ADVANCE enterprise MFPs, this feature enables direct printing of scanned images. The feature, which is as easy as making an enlargement on a copier is now more convenient and no longer requires a computer to be running. Users can print images at actual size or automatically resize them to match the roll width.

# PRINTER MANAGEMENT SOLUTIONS

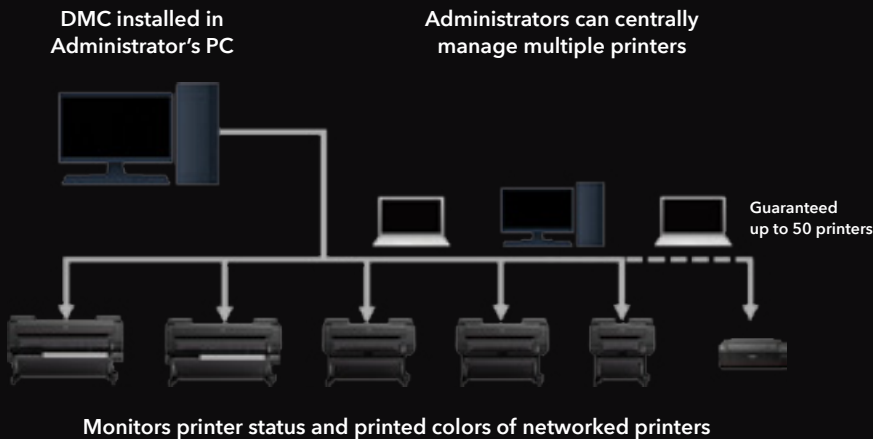
## DEVICE MANAGEMENT

### QUICK UTILITY TOOL BOX

Canon's Quick Utility Tool Box offers you hassle-free access to supporting utilities and settings. From printer information, remote UI and device management tool, the Quick Utility Toolbox window is launched from shortcut menu from task bar at the bottom of the PC screen.

### DEVICE MANAGEMENT CONTROL

Device Management Console (DMC) is utility software that enables printer administrators to centrally control multiple networked printers. Printer administrators can check the amount of consumables remaining for networked printers and perform color calibration at the proper timings simply by operating DMC from their own computer. This greatly reduces the time and effort required for printer administration and makes it easier to keep printers in optimum condition.



### MEDIA CONFIGURATION TOOL

Recognising the expanding array of media options for large format printers, and to further improve the versatility of these new imagePROGRAF models, Canon has developed a Media Configuration Tool, which allows customers to not only utilise Canon-branded media, but also providing them the ability to make adjustments to printer settings to enhance the precision and quality of output achieved with custom media.

Settings that can be configured using media parameter adjustment features include:

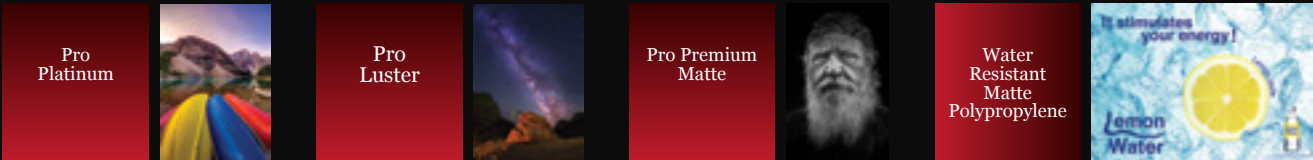
- Media weight and thickness
- Automatic cutting settings
- Paper feed amount
- Vacuum strength
- Ink drying
- Borderless print
- Print-head height
- Maximum ink usage

### Accounting Manager

In today's printing environment, it is more important than ever to understand how much print job is costing your business. Compatible with both Mac and Microsoft platforms, Accounting Manager serves as a powerful feature used for accurately managing your print costs. With Accounting Manager, you can track how much ink and paper is being consumed on printing with up to 50 printers.

### THE PERFECT FINISH

While saving images on a hard drive or memory card is the norm, printing these vivid images increase the perceived value of a photographer. The new Canon genuine Photo and Fine Art paper is developed to create endless possibilities for supreme quality photo expression.



- Vivid colour
- Firm black
- Colour fastness
- Calm texture
- Good fast drying
- Insusceptible to light
- Natural whiteness
- Luxurious thickness
- Black and white photos with superior gradation
- Synthetic paper-based
- High density & rich color
- High weather resistance, for short term outdoor use

# ENHANCE YOUR BUSINESS WITH PRINT

## APPLICATIONS

- **Photographic**  
Applications : Photographic Display, Photobook.  
Media : Photo Paper Pro Platinum, Pro Luster, Premium Glossy Paper.
- **Exhibitions Gallery**  
Applications : Canvas Wraps, Posters, Fine Art, Photo Enlargements.  
Media : Canvas, Fine Art Textured, Premium Fine Art Smooth, Artistic Matte Canvas, Photo Paper Pro Premium Matte.
- **Indoor Advertisements**  
Applications : Retails Malls Window Displays, Light Boxes, Hanging Displays, Point of Sales (POS)  
Media : Semi-Glossy Photo Paper High Gloss, Backlit Film, Heavyweight Coated Paper High Gloss, Adhesive Synthetic Paper.
- **Signage**  
Applications : Soft Signage, Window Stickers, Decorative Event Signage.  
Media : Banner Vinyl, Water Resistant Matte Poster Paper, Fabric Banner.





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Create Photo Prints as Envisioned



**Canon**  
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