imagePROGRAF PRO-310

PRINT WITH CONFIDENCE. ALWAYS.





The IMAGEPROGRAF PRO-310 is an A3+ printer and inherits the same DNA as the imagePROGRAF PRO series, offering superior print quality, productivity, and seamless print workflows.

Borderless Printing

Borderless A3+



3.0" (7.5cm) LCD

3.0” LCD screen

10 Single Inks

10 Single Inks

5100 CO

Chroma Optimizer

LUCIA PRO II ink

High longevity pigment ink



Connectivity

WiFi & Ethernet connectivity

Canon



Small footprint, big potential

This stylish and compact A3+ printer is at the heart of your creative output, connecting easily with PC or Mac using Wi-Fi or Ethernet.



Enhanced colours, superior quality

Achieve gallery quality prints, thanks to the 10-colour LUCIA PRO II pigment inks[2] with Chroma Optimiser for smooth reflections and anti-bronzing.



Print without borders on a wide variety of media

Achieve borderless printing on glossy or fine art papers and print panoramic images to custom lengths up to 1,800mm.



Made to last

Print, exhibit, and sell professional photographs that will resist light damage for 200 years[1]. Rely on industry-leading image robustness to avoid abrasion when shipping or handling prints – all without a compromise on quality.



3-inch colour LCD menu screen

Quickly navigate the printer's menus and functions thanks to a clear bright display that allows instant monitoring of printer functions, ink levels and paper settings.

PRODUCT RANGE



PIXMA PRO-200S



IMAGEPROGRAF PRO-310



imagePROGRAF PRO-1100

[1]When using Canon Photo Paper Pro Platinum. Predicted value calculated in accordance with the indoor light resistance test method and life evaluation criteria of the digital colour photographic print image preservation evaluation method (JEITA CP-3901B) published by JEITA (Japan Electronics and Information Technology Industries Association).
[2] Nine out of the ten inks are newly developed. The matte black is the same as the imagePROGRAF GP-2000/4000.

TECHNICAL SPECIFICATIONS imagePROGRAF PRO-310

GENERAL SPECIFICATIONS

Class 13"

PRINT HEAD / INK

Type Permanent

Number of nozzles Total 7,680 nozzles (MBK/PBK/C/M/Y/PC/PM/GY/R/CO) each 768 nozzles x 10)

Number of Ink Tanks 10 Colours - MBK/PBK/C/M/Y/PC/PM/GY/R/CO

MAXIMUM PRINTING RESOLUTION

Maximum printing resolution 4800 (horizontal)[1] x 2400 (vertical)[1] dpi

PRINT SPEED

Print Speed Photo (11"x14" image on A3+ with Border)[2]
Color/PT-101: approx.4 m 15s
Black/PT-101: approx.4 m 15s

MAXIMUM PRINTABLE PAPER SIZE

Top Tray (width) Up to 329 mm (A3+) Borderless Printing

Manual Feed (width) Up to 330.2 mm

Custom (length) 1800mm

PRINTABLE AREA

Borderless printing Top/Bottom/Right/Left margin: each 0 mm

Bordered printing Top margin：3 mm, Bottom margin：5 mm, Left/Right margin: each 3.4 mm
(Sizes other than Letter or Legal) or Square 5"
Top/Bottom/Right/Left margin: each 6.0mm,
Recommended Top/Bottom margin for Fine Art Paper: each 25mm

SUPPORT MEDIA

Top tray Plain Paper/ Photo Paper Pro Platinum (PT-101)/Photo Paper Plus Glossy II (PP-201)/ Photo Paper Pro Luster (LU-101)/ Photo Paper Plus Semi-gloss (SG-201)/ Matte Photo Paper (MP-101)/ Lightweight Photo Paper/ Heavyweight Fine Art Paper / Canvas / Photo Paper (Grayscale Printing) /Photo Paper (Long-form Printing)/ Fine Art Paper (Long-form Print) /Greeting Card

Manual feed Photo Paper Pro Platinum (PT-101)/Photo Paper Plus Glossy II (PP-201)/Photo Paper Pro Luster (LU-101)/ Photo Paper Plus Semi-gloss (SG-201)/ Matte Photo Paper (MP-101) / Photo Paper Pro Premium Matte (PM-101) / Premium Fine Art Smooth (FA-SM)/ Premium Fine Art Rough/ Lightweight Photo Paper/Heavyweight Photo Paper / Heavyweight Fine Art Paper / Extra Heavyweight Fine Art Paper/Highest Density Fine Art Paper / 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

Multi-purpose tray Printable Disk

PAPER SIZE

Top Tray (Maximum Number) A5/A4/A3/ A3+/B5/B4/
4"x6"(KG) / 5"×7" / 7"×10" / 8"×10"/ 9" x13" / 11" x14" / 10"×12" / 12"x12" / Square 5" (127x127 mm)
Custom size
(width 89mm - 329.0mm, length 127mm - 990.6mm or 1800mm)

Manual Feed (Maximum Number) A5/A4/A3/A3+/B4/ 9"x13" / 11"x14"/13"x19" /8"x10" / 10"x 12"/ 12"x12"
Custom size (width 203.2mm - 330.2mm, length 254.0mm - 990.6 mm or 1800mm)

Multi-Purpose Tray Printable Disc 120 x120 mm

PAPER SIZE (BORDERLESS)

Paper Size (Borderless) A5/A4/A3/A3+/B5/B4 / 4"x6" (KG) / 5"×7" / Square 5" (127x127mm) / 7"×10" / 8"x10" / 10"×12" / 11"x14"/ 12"×12"/ 13"x19"/

PAPER HANDLING

Top Tray Plain Paper: A4/A5/B5 = 100 A3 = 50
Photo Paper Pro Platinum (PT-101):4"x6" (KG) = 20 A3/A4/2L/8"x10" = 10 10"x12"/A3+ = 1
Photo Paper Plus Glossy II (PP-201):4"x6" (KG)/ Square 5" (127x127 mm) = 20 A3/A4 8"x10"/5"x7" = 10 A3+ = 1
Photo Paper Pro Luster (LU-101):A4 /A3 = 10 A3+ = 1
Photo Paper Plus Semi-gloss (SG-201): 4"x6" (KG) = 20 A4 /A3/5x7/8"x10" = 10 10"x12"/A3+ = 1
Matte Photo Paper (MP-101):4"x6" (KG) = 20 A4 /A3 = 10 A3+ = 1

Manual Feed Photo Paper Pro Platinum (PT-101): A3/A4/8"x10" /10"x12"/A3+ = 1
Photo Paper Plus Glossy II (PP-201):A4/A3/A3+ = 1
Photo Paper Pro Luster (LU-101):A4/A3/A3+ = 1
Photo Paper Plus Semi-gloss (SG-201):A4/A3/8"x10" /10"x12"/A3+ = 1
Matte Photo Paper (MP-101): A4/A3/A3+ = 1
Photo Paper Pro Premium Matte (PM-101): A4/A3/A3+ = 1
Premium Fine Art Smooth (FA-SM): A4/A3/A3+ = 1
Premium Fine Art Rough (FA-RG1): A4/A3/A3+ = 1

Multi-Purpose Tray 1 (Multi-purpose Tray)

PAPER WEIGHT

Top Tray Plain Paper: 64-105 g/m2
Specialty paper: Up to 380 g /m2

Manual Feed Paper Thickness 0.1 ～0.6mm or less

INK TANK

Ink Model LUCIA PRO II Ink Tanks:
PFI-5100
MBK/ PBK/C/M/Y/PC/PM/GY/R/CO

Page Yield (4x6" PT-101) Number of 10x15cm photos [7]
Matte Black (MBK): 1679 photos*
Photo Black (PBK): 450 photos
Grey (GY): 233 photos
Cyan (C): 842 photos*
Photo Cyan (PC): 704 photos*
Magenta (M): 610 photos*
Photo Magenta (PM): 430 photos*
Yellow (Y): 551 photos*
Red (R): 969 photos*
Chroma Optimizer (CO): 256 photos
* Estimated Supplemental Yield

Page Yield (A3+ PT-101) Number of A3+ photos [8]
Matte Black (MBK): 244 photos*
Photo Black (PBK): 41 photos*
Grey (GY): 48 photos*
Cyan (C): 82 photos
Photo Cyan (PC): 119 photos*
Magenta (M): 100 photos*
Photo Magenta (PM): 76 photos
Yellow (Y): 108 photos
Red (R): 134 photos*
Chroma Optimizer (CO): 66 photos*
* Estimated Supplemental Yield

CONNECTIVITY

Protocols SNMP/ HTTP/TCP/IP(IPv4/IPv6)

Interface USB B Port: Hi-Speed USB

Wired LAN Network Type: IEEE 802.3 10base-T / IEEE 802.3u 100base-TX
Data Rate: 10Mbps/100Mbps(Auto switching)
Security: IEEE 802.1X(EAP-TLS/EAP-TTLS/PEAP)

Wireless LAN Network Type:
IEEE802.11n/IEEE802.11g/IEEE802.11b IEEE802.11a
Frequency Band: 2.4GHz
Range: Indoor 50 m depends on the transmission speed and conditions
Security:
WPA-PSK(AES)
WPA2-PSK(AES)
WPA3-SAE(AES)
WPA-EAP(AES)※
WPA2-EAP(AES)※
WPA3-EAP(AES)※
※ IEEE802.1X(EAP-TLS/EAP-TTLS/PEAP) available

Direct connection (Wireless LAN) Available

SYSTEM REQUIREMENTS

Supported Operating Systems Windows 7 SP1, Windows 8.1, Windows 10, Windows 11
Windows Server 2008 R2 SP1, Windows Server 2012 R2,
Windows Server 2016, Windows Server 2019, Windows Server 2022

Mac OS
OS11.7.10 - OS15

Chrome OS

Supported Mobile Systems iOS
Android

SOFTWARE SUPPORT

Canon Professional Print & Layout Available

Adobe Photoshop / Lightroom Supported via Canon PPL Plugin

TECHNICAL SPECIFICATIONS

imagePROGRAF PRO-310

PRINT APPLICATIONS & METHODS	
Canon PRINT	Available
AirPrint	Available
Mopria	Available
Canon Print Service (for Android)	Available
Cloud Link	Available
OPERATION PANEL	
Display	3.0 inch/7.5cm LCD(Display Panel, Color)
Language	33 Languages Selectable: Japanese/English(mm & inch)/German/French/Italian/Spanish/Dutch/Portuguese/Norwegian/Swedish/Danish/Finnish/Russian/Czech/Hungarian/Polish/Slovene/Turkish/Greek/Simplified Chinese/Traditional Chinese/Korean/Indonesian/Slovakian/Estonian/Latvian/Lithuanian/Ukrainian/Romanian/Bulgarian/Thai/Croatian/Vietnamese
ACOUSTIC NOISE (PC PRINT)	Approx. 39.5dB (A)
Acoustic Noice	Plain Paper(A4, Color)[6]: Approx. 40.5dB(A) Photo Paper Pro Platinum (PT-101) (4x6,Color, borderless): Approx.38.5dB(A)
Quiet Mode	Available
POWER	
Power	AC 100 -240 V 50 /60 Hz
POWER CONSUMPTION	
Standby (Minimum) (USB Connection to PC)	Approx. 1.0W* *The wait time for standby cannot be changed.
OFF	Approx. 0.05W
Printing (USB Connection to PC)	Approx. 16W
Standby Sleep	for ErP Lot 26 regulation>: Approx. 2.3W
Time to enter Standby Mode	for ErP Lot 26 regulation> : Approx. 15 minutes
DIMENSIONS (W x D x H)	
With the trays retracted.	approx. 639 x 379 x 200 mm
With the trays extended.	approx. 639 x 837 x 416 mm
WEIGHT	
Weight	approx. 14.4 kg
GENERAL SPECIFICATIONS	Temperature: 5〜35 ℃ Humidity: 10〜90 %RH (no dew condensation)[4]
Operating Environment	Temperature: 15〜30 ℃ Humidity: 10〜80 %RH (no dew condensation)[5]
Recommended Environment	Temperature: 0〜40 ℃ Humidity: 5〜95 %RH (no dew condensation)
Storage Environment	Temperature: 0〜40 ℃ Humidity: 5〜95 %RH (no dew condensation)
Environment	Energy saving: ErP Lot 6/26(EU) Resource saving/Recycle: WEEE(EU) Elimination of harmful substances: RoHS(Mainly EU), REACH(EU)

Footnotes:

[1] Prints with a pitch of 1/2400 inch (ink droplets) at minimum

[2] Print speed is based on the default setting using ISO/JIS-SCID N2 and does not take into account data processing time on host computer. Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.

[3] Minimum system reguirements is according to that of OS and application software used.

[4] Print quality may deteriorate depending on temperature and humidity

[5] Refer to the paper package or the instruction manual supplied with the paper for temperature and humidity conditions of photo printing paper, etc.

[6] Acoustic Noise is measured based on ISO7779 standard with default setting.

[7] Declared yield value in accordance with ISO/IEC 29102. Values obtained by continuous printing. Right-click the image on Windows 10 and select "Print" from the menu to print.

[8] When printing ISO/JIS-SCID N2 test file at 11" x 14" continuously on A3+ <paper size type>, with the default settings of testing paper using Windows 10 printer driver and Photoshop CC.

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Sales Start Date: March 2025

Product details

Product Name	Mercury Code	EAN Code
imagePROGRAF PRO-310	6858C005AA	4549292244823

Consumables

Product Name	Mercury Code	EAN Code
PFI-5100 MBK	6951C001	4549292242485
PFI-5100 PBK	6952C001	4549292242904
PFI-5100 C	6953C001	4549292242966
PFI-5100 M	6954C001	4549292243024
PFI-5100 Y	6955C001	4549292243109
PFI-5100 PC	6956C001	4549292243192
PFI-5100 PM	6957C001	4549292243253
PFI-5100 R	6958C001	4549292243314
PFI-5100 GY	6959C001	4549292243376
PFI-5100 CO	6960C001	4549292243437

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Measurement / logistic information

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)	Net Weight (kg)
imagePROGRAF PRO-310	6858C005AA	EA	Each	1	735	473.5	342.5	18.6	14.82
		CT	Carton	6	745	955.5	1032	133.6	-
		EP	Euro Pallet	6	745	955.5	1032	133.6	-

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What's in the box

IMAGEPROGRAF PRO-310

- IMAGEPROGRAF PRO-310 A3+ printer
- Power cord
- Print head
- 10 individual ink tanks
- CD printing tray
- Setup CD-ROM
  (CD only for Windows – Mac drivers available online*)
- Starter guide

*All drivers and mobile apps are available online at http://www.canon.com/ijsetup

