

Canon



imagePROGRAF

PRO Series

Product Line-up

New PRO Series

8
colour



PRO-6100S



PRO-4100S



24-inch

60-inch

44-inch

12
colour



PRO-6100



PRO-4100



PRO-2100

Product Positioning

8-colour model



Production Model



Product Positioning

12-colour model



Flagship Model

Photo Fine Art

Signature Red Line that features products with Canon's advanced imaging technology



Improvement on media handling

Automatic media loading



Just hold the flange and put the roll on feeder

1

Auto

Feed the media

2

Auto

Select media type/width

3

Auto

Estimate remaining amount



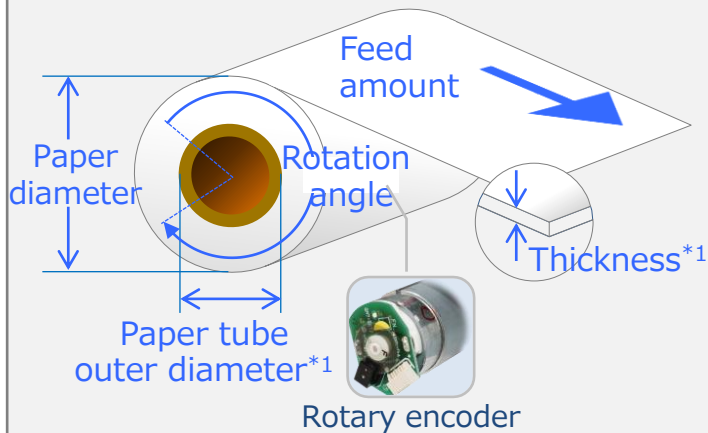
Ready to print



Remaining Media Estimation

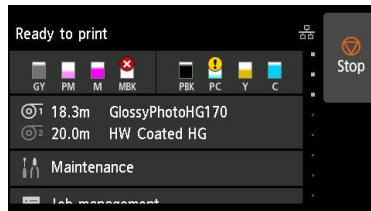
Prevent waste paper/ink

Assume remaining amount from this logic



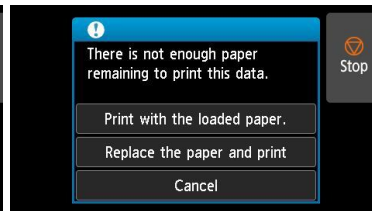
- *1: Paper tube outer diameter • Paper Thickness
- Media manufacturers do not guarantee the tolerance
 - Estimation may not be accurate due to the incorrect tolerance

Display of the remaining media amount on the operation panel*2



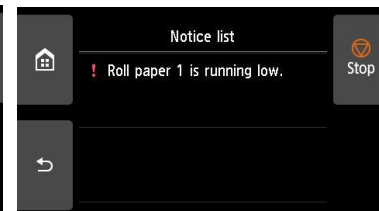
Change the roll as necessary beforehand

Display of a warning when the remaining media amount is insufficient for a print job*2



Prevents printing errors and wasted media and ink due to running out of media partway through printing.

Display of a warning on the operation panel when there is little media remaining.*3



*: Also supported by the function detects by barcode prints

Remaining Media Estimation

No more barcode print/manual management contributes
Ink/Media/Time saving

Compared to
Current PRO series'
**Remaining
Detection
by
Barcode**



- Input of roll length is not required.
- No Ink/Media/Time consume for barcode print
- Barcode scan time is not required also.
- **Remaining media management for half-used roll is possible**

Compared to
**Manual
Management**
like
memo or estimation



- Prevents printing errors and wasted media and ink due to running out of media partway through printing.

Security

Improved points on New PRO series

Security improved for stored print data

Disk Encryption

Security improved for printer network management

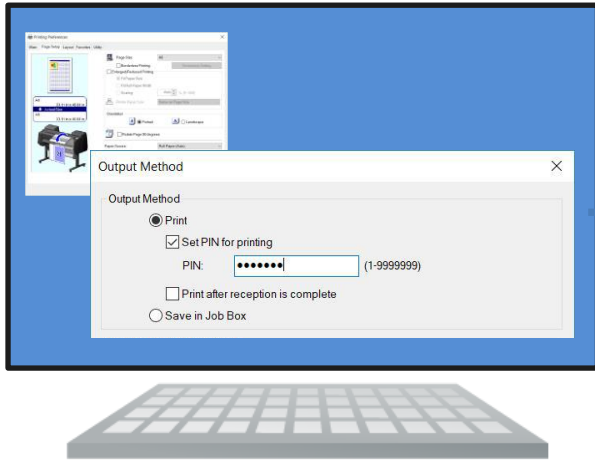
Support Secure Printing(printing by passcode)

Security improved for printer interface

Disablement of specific functions by software tool

Secure Prints

Passcode secure printing



Set passcode on PC when print

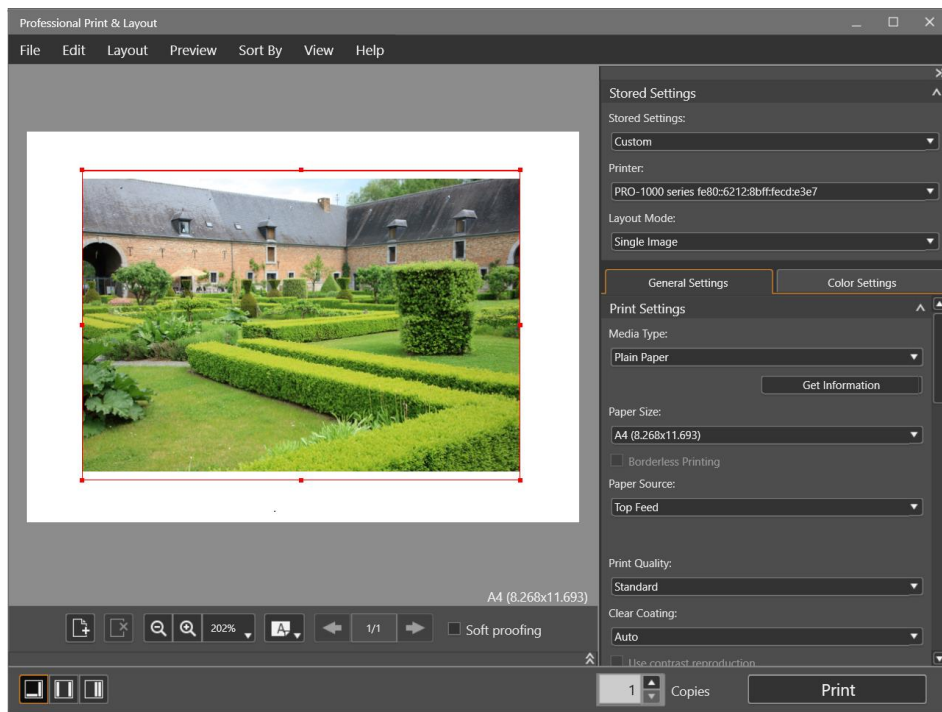


Input same passcode
at operation panel
then go print



Professional Print & Layout

Photo printing solution for professional photographer



- Standalone launch
- Intuitive Operations
- Layout Function
- **NEW** Auto Nesting Function
- **NEW** Exif Printing
- Register Marks
- **NEW** Pattern Printing
- Soft Proofing
- High Quality Photo Solution with EOS camera

Professional Print & Layout

Shorten Launch/Operation time

Standalone launch

Communication with driver software that was executed on Print Studio Pro is no more required



Adobe
Lightroom

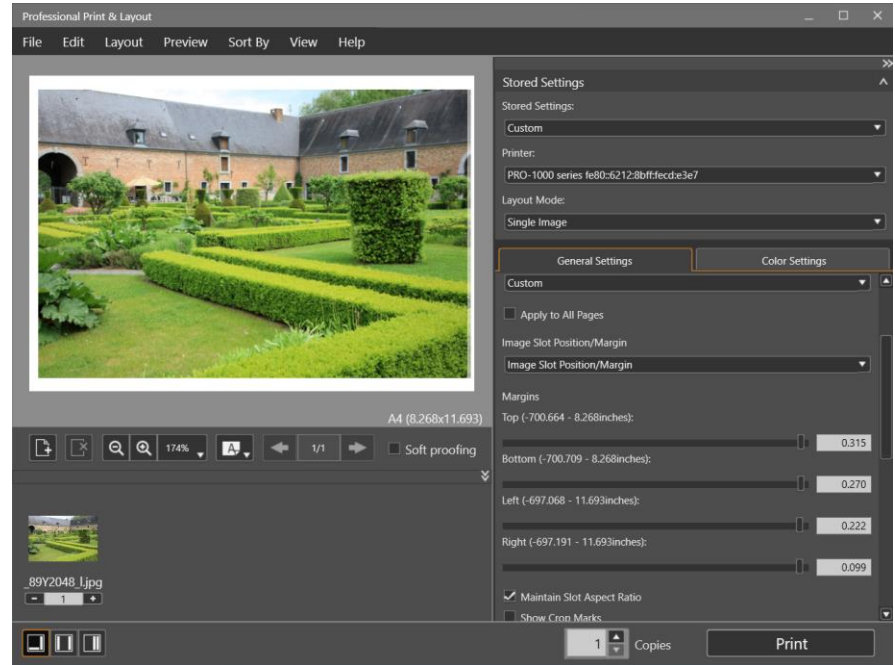


Adobe
Photoshop



Digital Photo
Professional

Plug-In launch

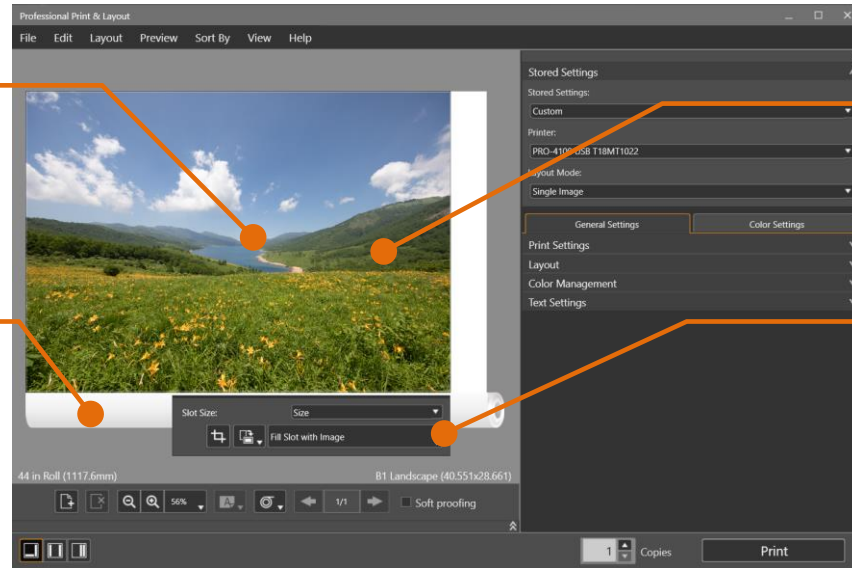


Professional Print & Layout

Fine usability by new UI and intuitive operation

Wider preview area
→ Easily confirm
image/adjust colour

Print layout display
by roll media
→ Maximize paper usage
by effective allocation



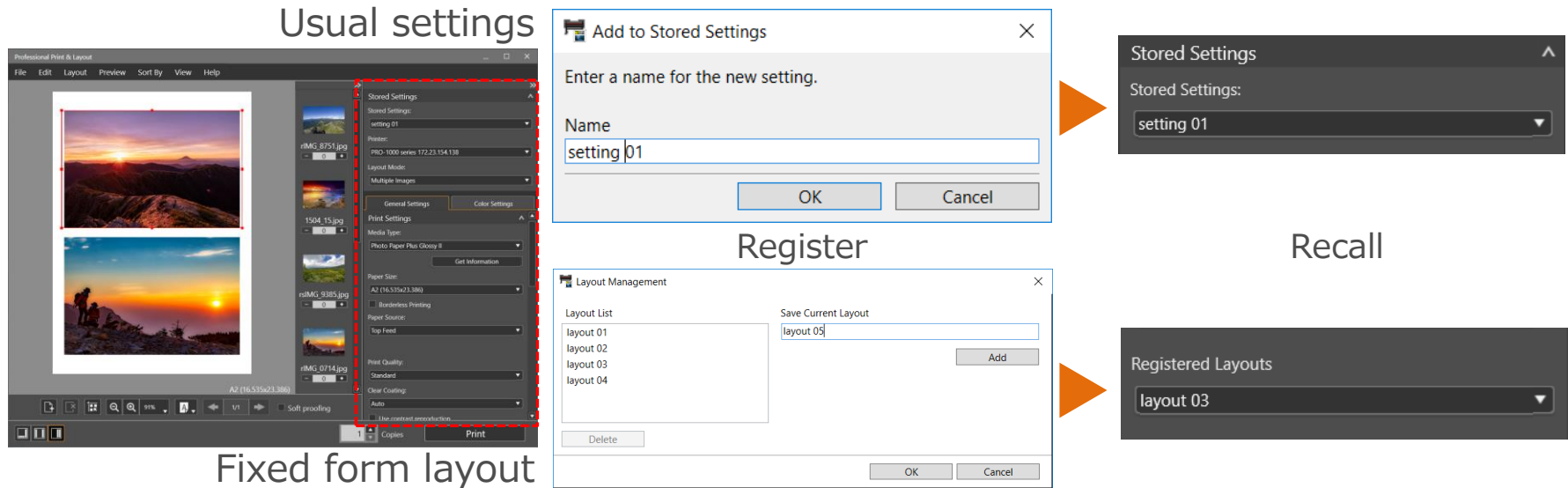
Add image file just
by Drag & Drop
(for standalone launch)

Image file's
Rotate/Enlarge/
Reduction are
possible from slot
menu

Improved “easy to understand” UI design

Professional Print & Layout

Routine photo print task to be more effective

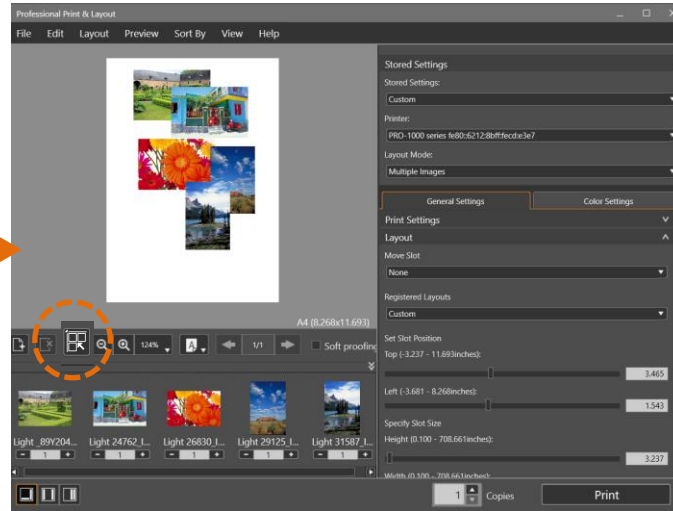


Easily Register and Recall settings/layout information

Professional Print & Layout

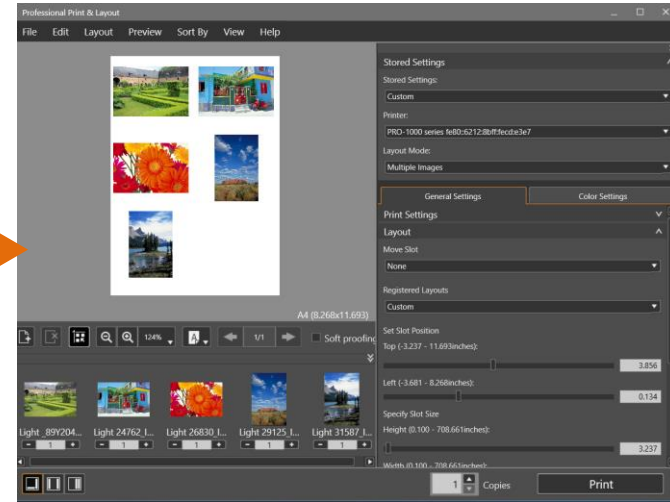
NEW Automatic layout with maximised roll width usage

Drag & Drop image to print



Click Allocate[Auto Arrange] button

Execute auto nesting

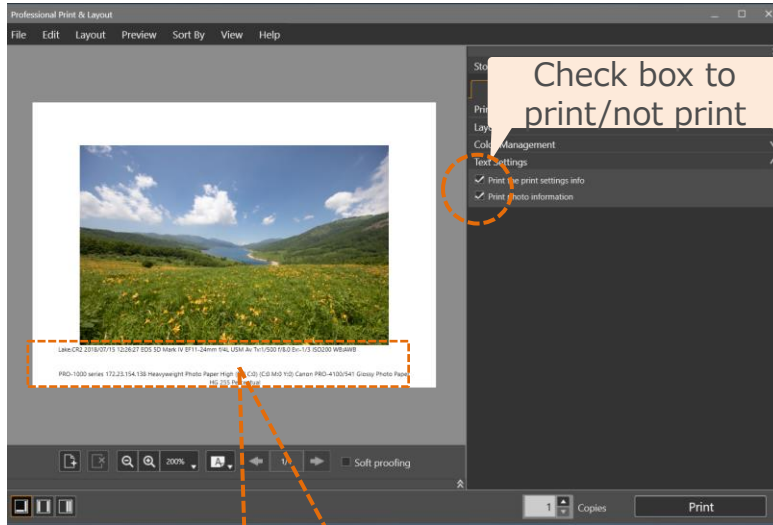


Possible manual adjust for file pitch/layout after auto nesting

Auto Nesting Function

Professional Print & Layout

NEW Useful for data organise, print setting confirm/reproduce



Exif info

- File Name
- Shooting date/time
- Camera mode/name
- Lens
- Shooting Mode
- Shutter Speed
- Aperture Value
- Exposure Compensation
- ISO Speed
- White Balance
- Picture Style

Print setting info

- Print setting
 - Printer name
 - Media type
 - Print Quality
- Compensation
 - Brightness
 - Contrast
- (When colour)
 - colour Balance: C
 - colour Balance: M
 - colour Balance: Y
- (When B/W)
 - Tone
 - B/W Tone XY
 - Highlight
 - Shadow
- colour Management
 - Printer profile
 - Matching Method

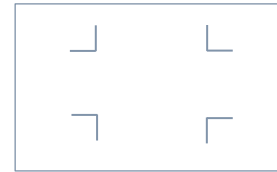
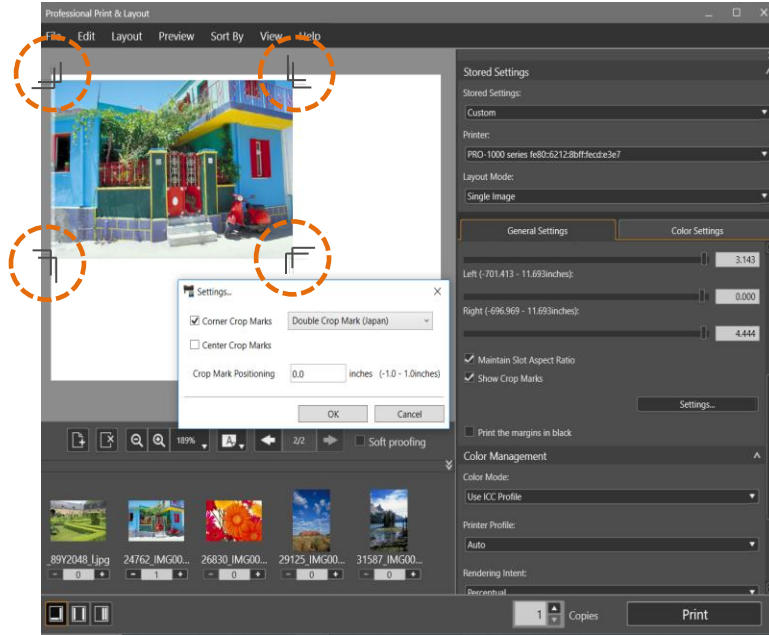
Lake.CR2 2018/07/15 12:26:27 EOS 5D Mark IV EF11-24mm f/4L USM Av Tv:1/500 f/8.0 Ev:-1/3 ISO200 WB:AWB

PRO-1000 series 172.23.154.138 Heavyweight Photo Paper High (B:0 C:0) (C:0 M:0 Y:0) Canon PRO-4100/541 Glossy Photo Paper HG 255 Perceptual

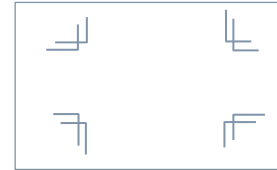
Exif info/Settings info print

Professional Print & Layout

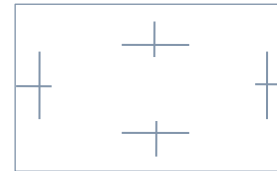
Effectively execute cutting task after print



Corner Marks
Single Crop Mark
(Bleed/No Bleed)



Corner Marks
Double Crop Mark



Centre Marks

[Marks are image]

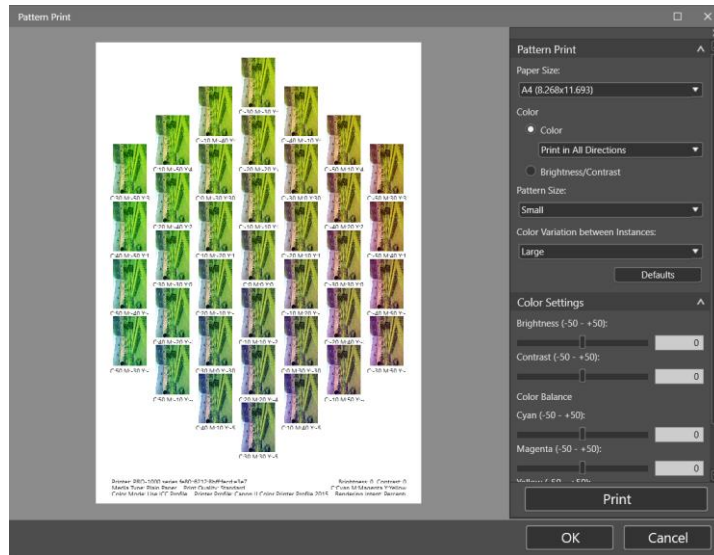
Helpful for cutting task
Register Marks Print

Professional Print & Layout

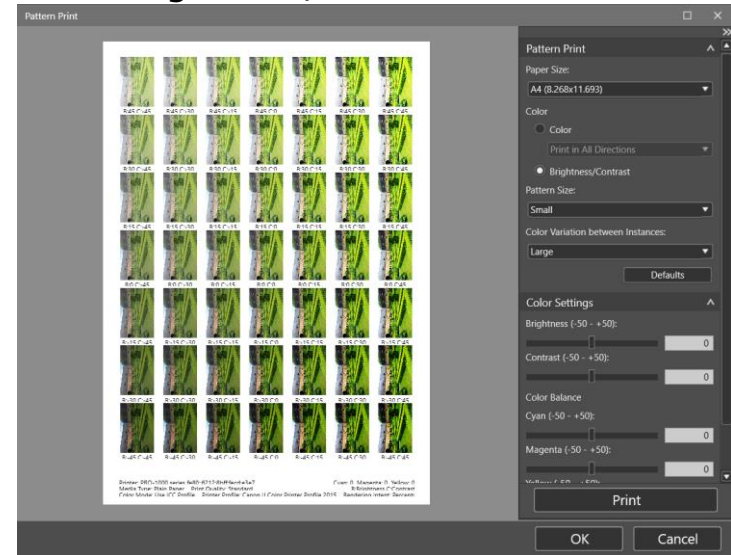
NEW

Reduce Try & Error time and work for colour compensation
Contribute for effective photo print workflow

Colour Balance



Brightness/Contrast Balance

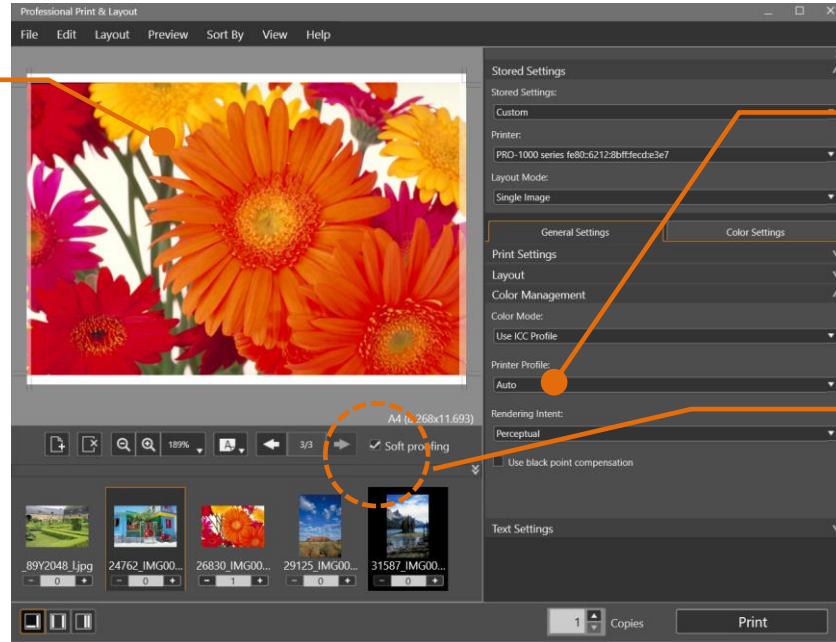


Line up thumb nail images with slightly shifting its brightness/contrast
Pattern Print

Professional Print & Layout

Reduce waste print cost

Wider preview area to easily confirm image/adjust colour



Select printer profile[Auto]
Then automatically select best ICC profile for media

Check "Soft Proofing" box

Preview confirmation for colour/Finish
Soft Proofing Function

Professional Print & Layout

Collaboration of EOS and imagePROGRAF PRO series

Aim for best image quality by all Canon technology
Crystal-fidelity



Fine colour
Reproduction

RAW

HDR PQ mode

HDR Print
Display Lighting
Optimization

Rich Gradations

Appropriate
Sharpness

DPRAW

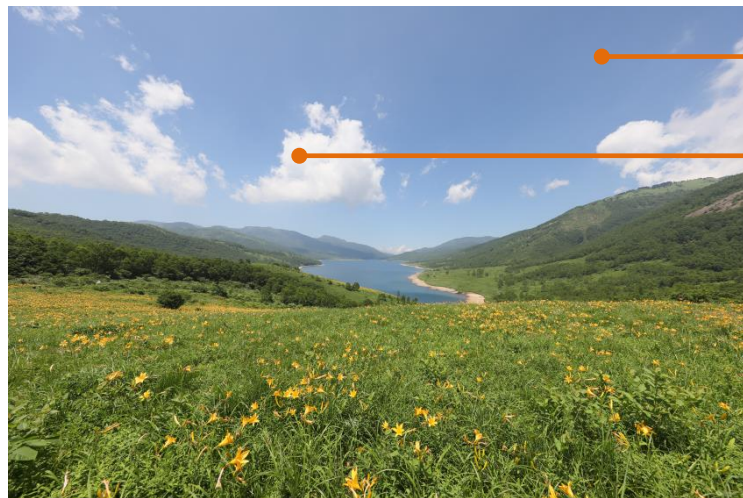
Digital Lens
Optimizer

DPRAW Print

Professional Print & Layout

Accurately express colours inherent in the RAW image

Compatible with HDR workflow



HDR Print: OFF

Better colour
Reproduction

Improved
Gradation
in highlight



HDR Print: ON

Make use of new EOS-RAW format that have HDR PQ info

HDR Print

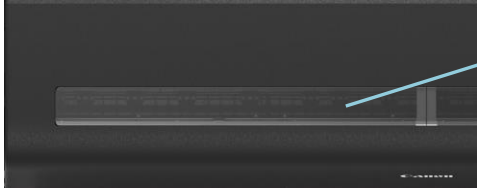
Improved design



Improved Operability/Visibility

Inherit current model design, but
Better visibility/operability

More clear top window



Visible print situation

More clear roll cover



Easily confirm if media has installed



New Operation Panel



Detailed display for remaining ink/media
Better media handling by operation button

New Operation Panel

Easy prior confirmation of printing information

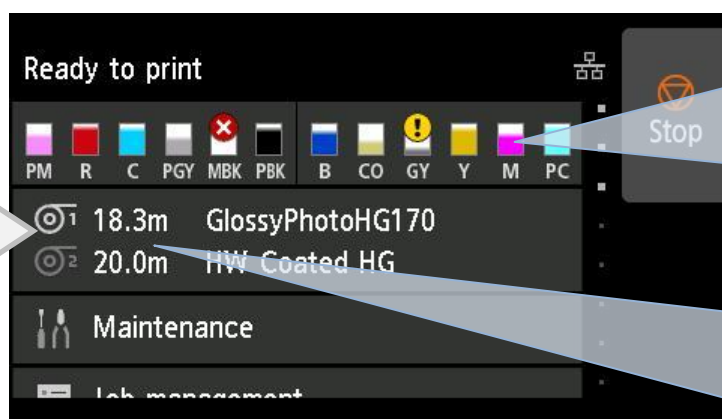
Current PRO series



Info on less frequently-used cut sheet is always displayed.

Ink info at 1st layer. 3-level display for remaining ink.

New PRO series



Detailed info for remaining ink level

Ink info at 1st layer
10-level display
for remaining ink

Detailed Media info

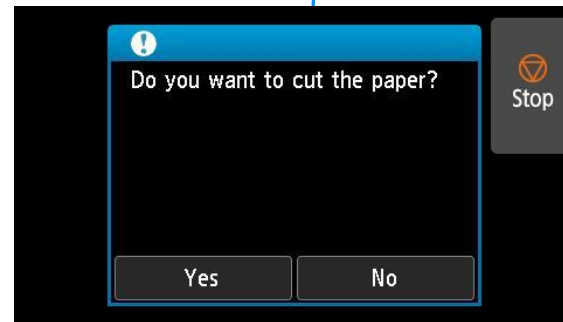
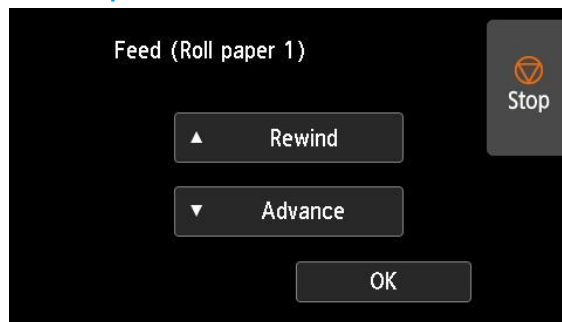
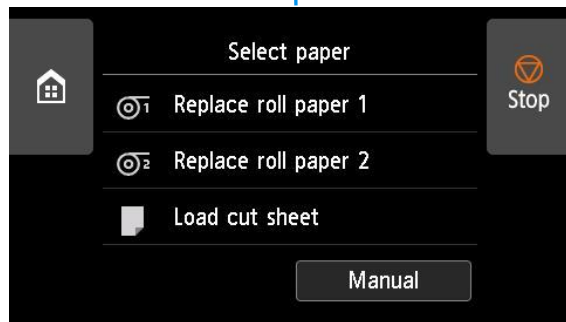
More accurate
remaining media info

New Operation Panel

Contribute on better Media handling

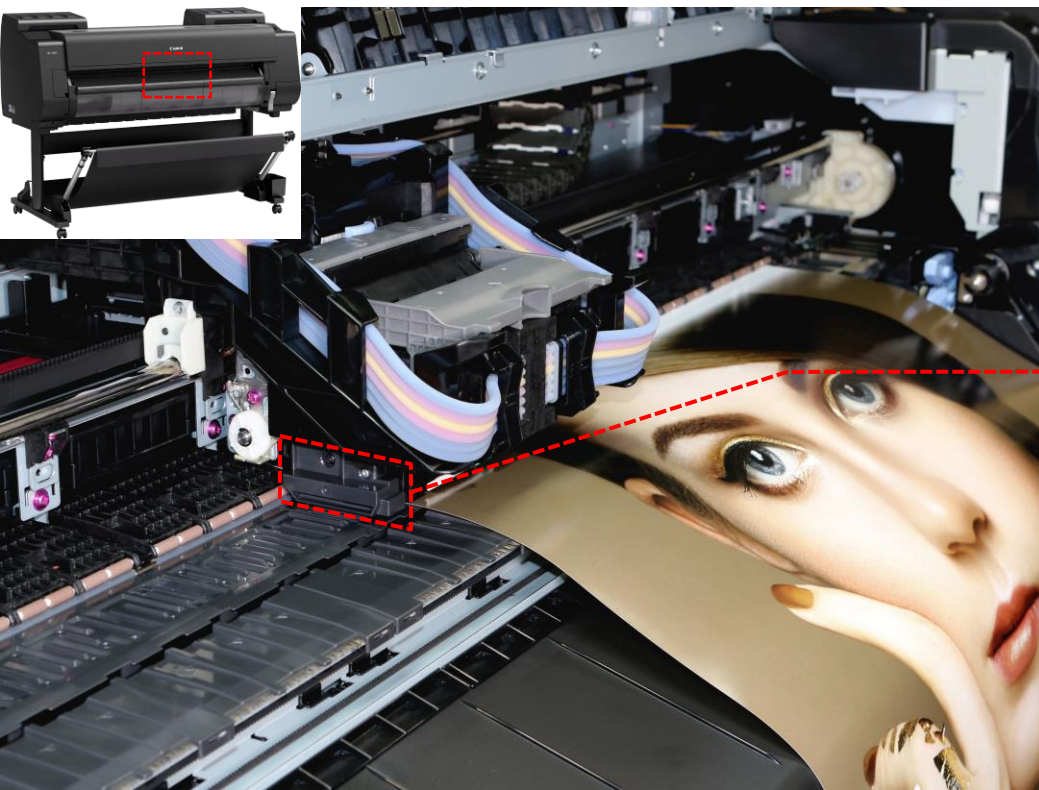


Hard keys are provided for often used operations of media
→ Accomplish better access

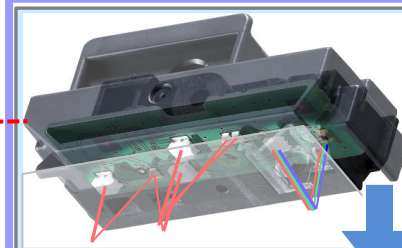


Free Size Borderless Printing

Borderless print with any size roll



	With borderless print holes	Without borderless print holes (Free-Size Borderless Print)
Standard roll width	Y	Y
Custom roll width	N	Y

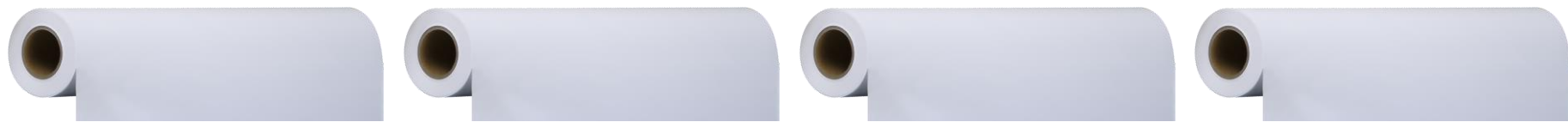


Advanced multi-sensor algorithm to detect media edge

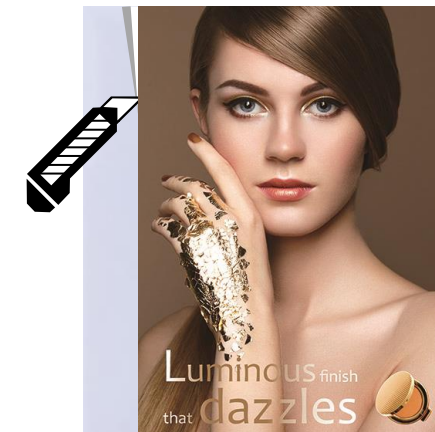
By increasing margin adjustment accuracy, print up to the media edge is available
(Extend from the edge print also available*)

Three Side Borderless Print

Various size borderless print from one size roll



Borderless print or
Free-size borderless print



Borderless print or
Free-size borderless print

← Three side borderless print →
Just cut one side

(Simulated image)

Poster Quality

Support accurate colour reproduction for poster creation



8-colour model



Default setting of the colour matching method in printing

Current PRO series	Perceptual (Photo)
New PRO series	Saturation (Poster)

Vivid colour and strong impact poster creation

Features From Previous Models



- High quality print by LUCIA PRO ink
- Highly precise colour consistency
- Multi position basket
- High-capacity ink tanks
- Hot swap ink tank system
- Non-firing detection and compensation system
- Three-way connection
- Direct printing from USB memory

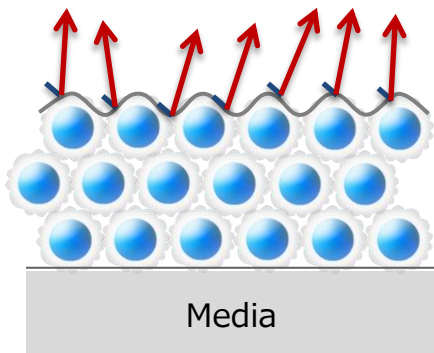
High quality print by LUCIA PRO ink [Glossy / Semi-glossy]

Enhanced colour expression and image clarity

LUCIA EX

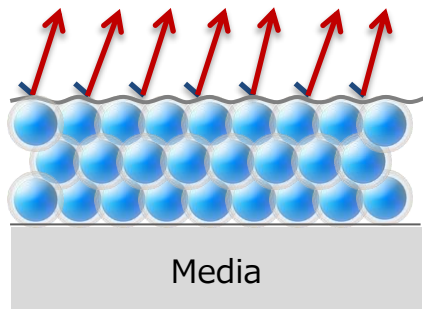
Pigments are dispersed.

- Uneven light reflection



Microencapsulated pigments.
High density pigment array
on the media.

- Rich colour expression
- Improved image clarity

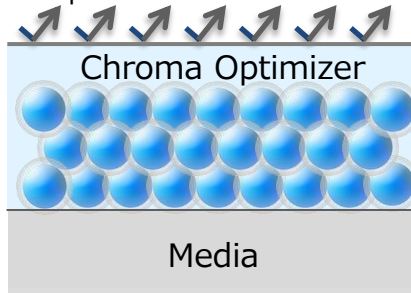


LUCIA PRO

12
colour

Chroma Optimizer(CO)
Faithful pigment colour expression
by optimal light control

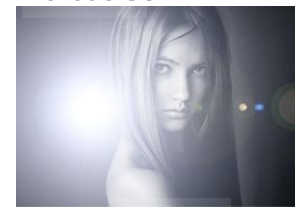
- Rich colour expression in black and dark area
- Better image clarity and gloss uniformity
- Reduced bronzing
- Improved scratch resistance



With CO



Without CO



(Simulated image)

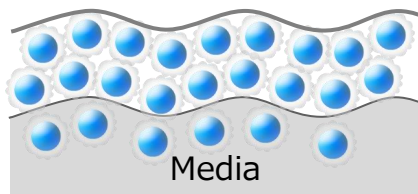
Coat when [High] or [Highest] mode
in glossy/semi glossy media is selected
On top of (1) Auto and (2) All, now (3) Off is added

High quality print by LUCIA PRO ink [Matte / Fine Art]

Better colour expression, especially in red area

LUCIA EX

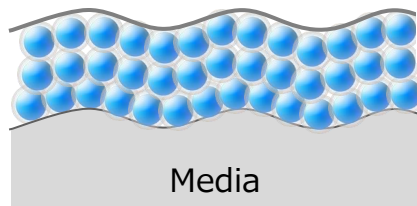
Some pigments fall down into the spaces on the paper



LUCIA PRO

Pigments stay on the paper surface and Microencapsulated pigment →
Increased density pigments are arranged on the paper →

- Rich colour expression



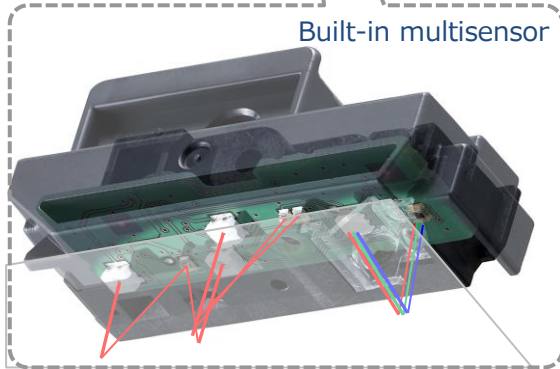
Highly Precise Colour Consistency

Colour Calibration realises quite stable output colour

Averaged colour Differences $\Delta E_{00} \leq 2.0$



Built-in multisensor



- Low cost
- Easy operation/Less time consuming
- Stable colour reproduction
- Network environment friendly
- Support custom media

Multi Position Basket

**Various positions
according to operating conditions**



Regular



Flatbed



Front delivery
(Basket depth can be freely adjustable)



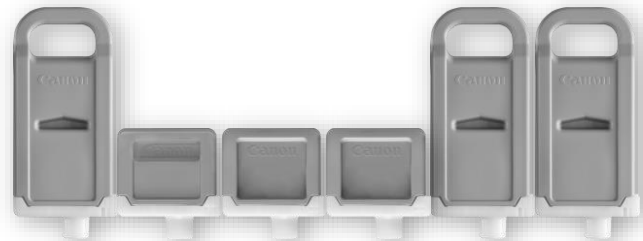
Slope

High-Capacity Ink Tanks

Reduce replacement work frequency



*Available for combination
of different tank sizes*

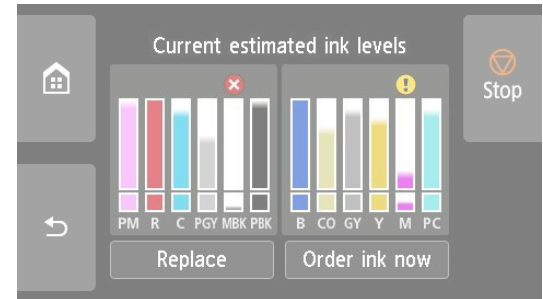


Hot Swap Ink Tanks

Avoid downtime during continuous printing
Use all ink in the tank



*Show ink remaining levels
at 3-level in the LCD*

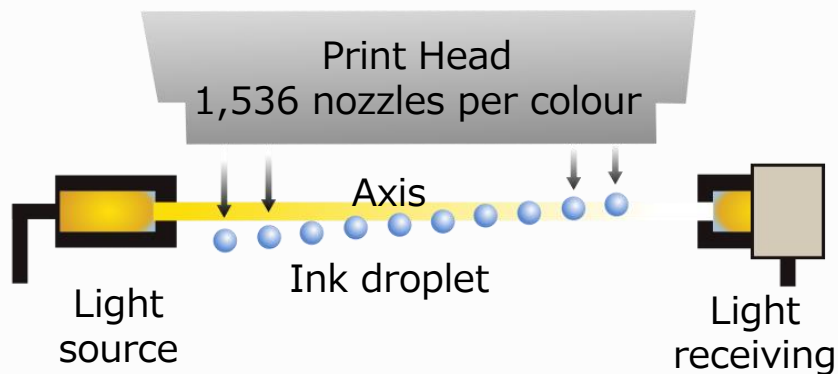


3 levels: (i) Full, (ii) Half, (iii) Empty

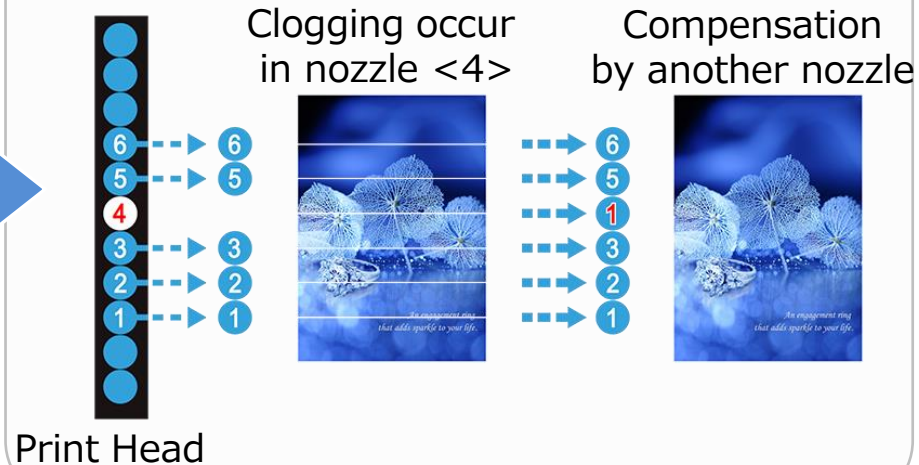
Non-firing Detection and Compensation

Reduce error print and maintain high-image-quality

Accurate detection of nozzle clogging



Compensate by another nozzle



(Simulated image)

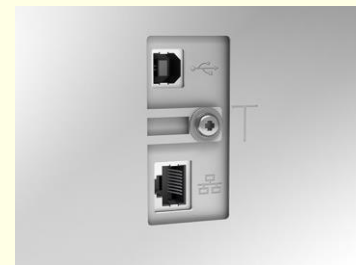
Versatile Connectivity Including Wi-Fi Support*

*Wired and Wi-Fi connections cannot be used at the same time

More choices for printer connection



Also supports Gigabit LAN
and Hi-Speed USB



(As with iPF, TX, TM, TA series)

Wi-Fi router is NOT required

Direct Printing from USB memory

Direct printing without PC is possible



Show preview in the LCD



Supported
File format

JPEG



PDF

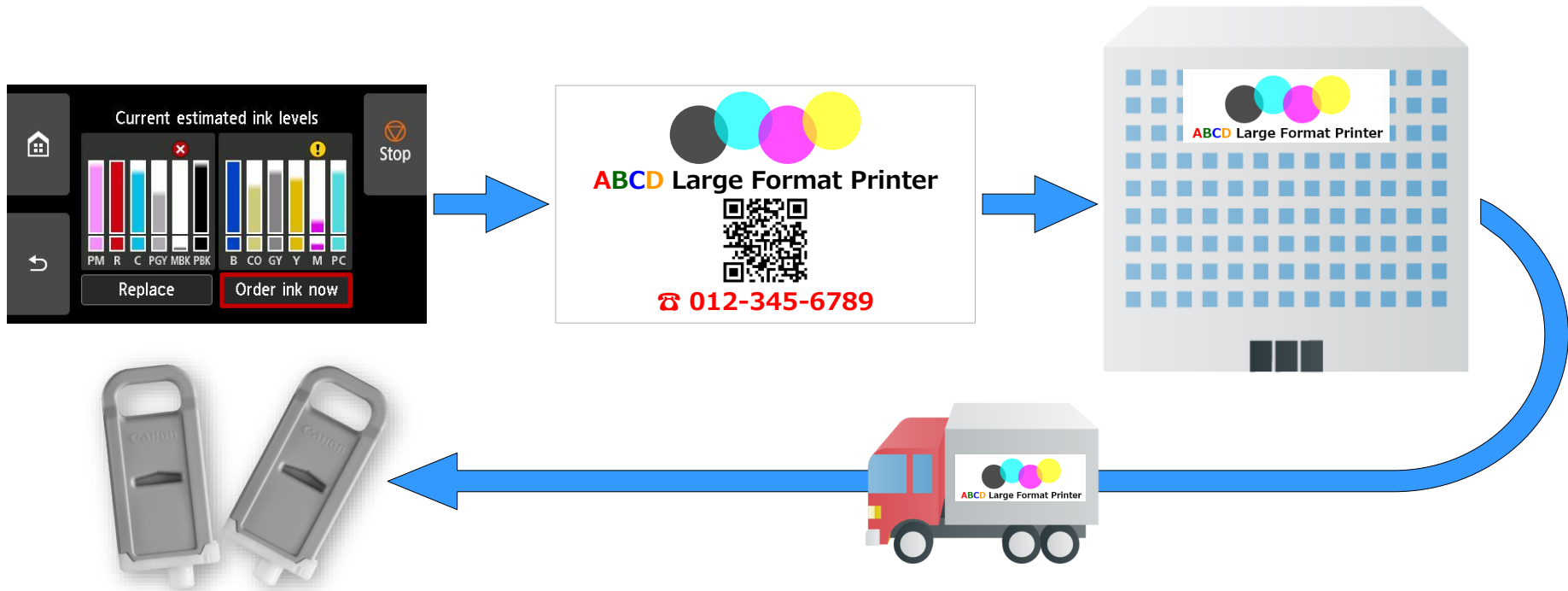


Multi page file
also acceptable

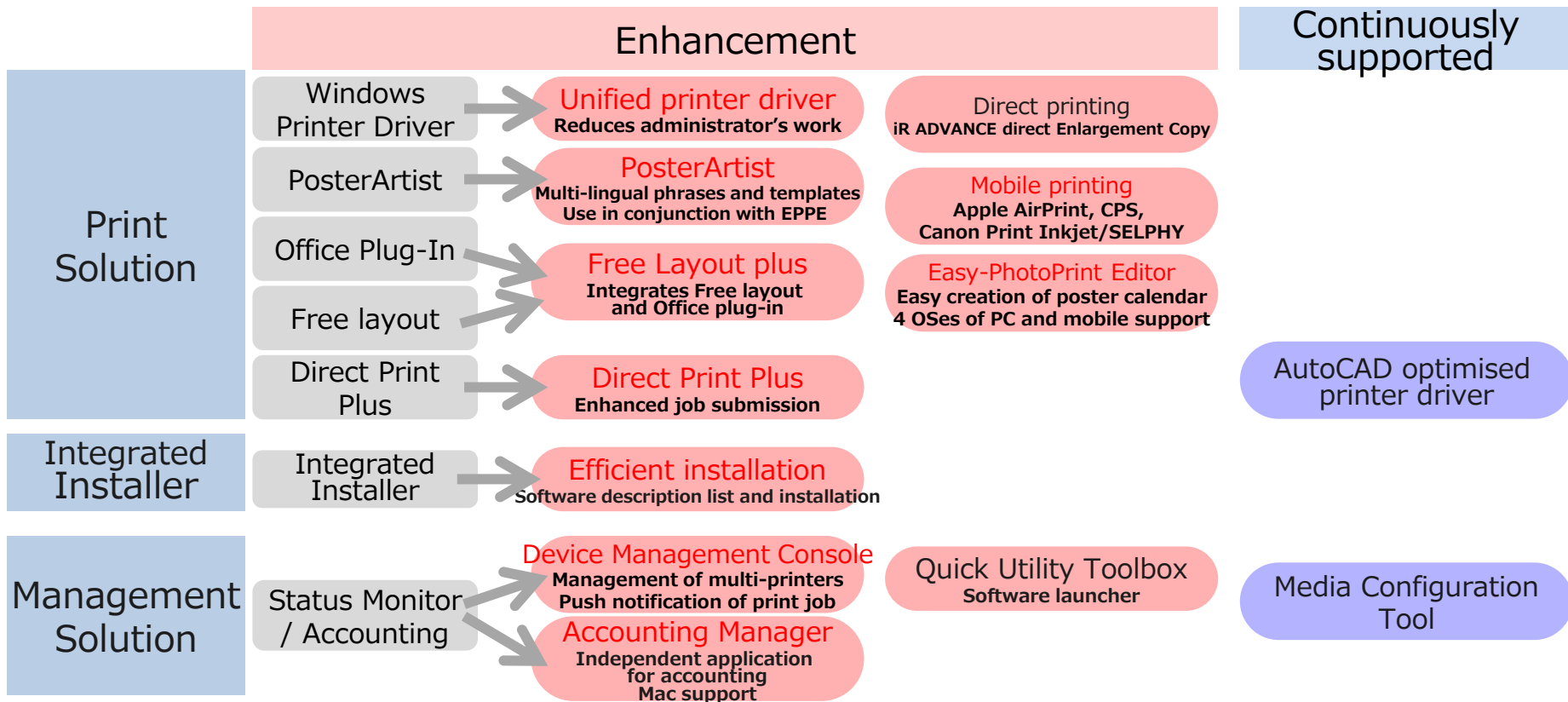
Reseller Info Guides Users to Purchasing

Tips for Sales Companies and Partners

Reseller info can be displayed in colour



Ample software solution



Software Support

Introducing of various solution at designated web












Canon

Getting the Most from Your Printer

Learn how to get the most from your printer.

Software Settings Printing All

All Computer Smartphone/Tablet

 PosterArtist Lite Create posters easily	 Free Layout plus Freely lay out and print documents created with apps	 Direct Print & Share Print/share files directly without using an app	 Easy-PhotoPrint Editor App for Editing/Printing Photos	 Canon PRINT Inkjet/SELPHY Print easily from a smartphone or tablet
 Accounting Manager Summarize printer usage	 Printer Driver Optimization Module for AutoCAD Optimally control printing from "AutoCAD"	 Media Configuration Tool Add or edit the paper information on the printer	 Device Management Console Check the printer status	 IJ Network Device Setup Utility Manage network printers on the computer
 Quick Utility Toolbox Manage or set up the printer using a shortcut menu				

Canon


[Return to Previous Page](#) [Home](#) [Search](#)

Printing/Sharing Files Efficiently Using Direct Print & Share

Use Direct Print & Share to print files of PDF, JPEG, TIFF, HP-GL/2, and other formats directly without opening them in dedicated applications.

Create a shortcut print icon by dragging and dropping them to the icon.

In addition, access the cloud storage from Direct Print & Share to upload, download, or print files easily.



Download Direct Print & Share

- [Download Direct Print & Share](#)

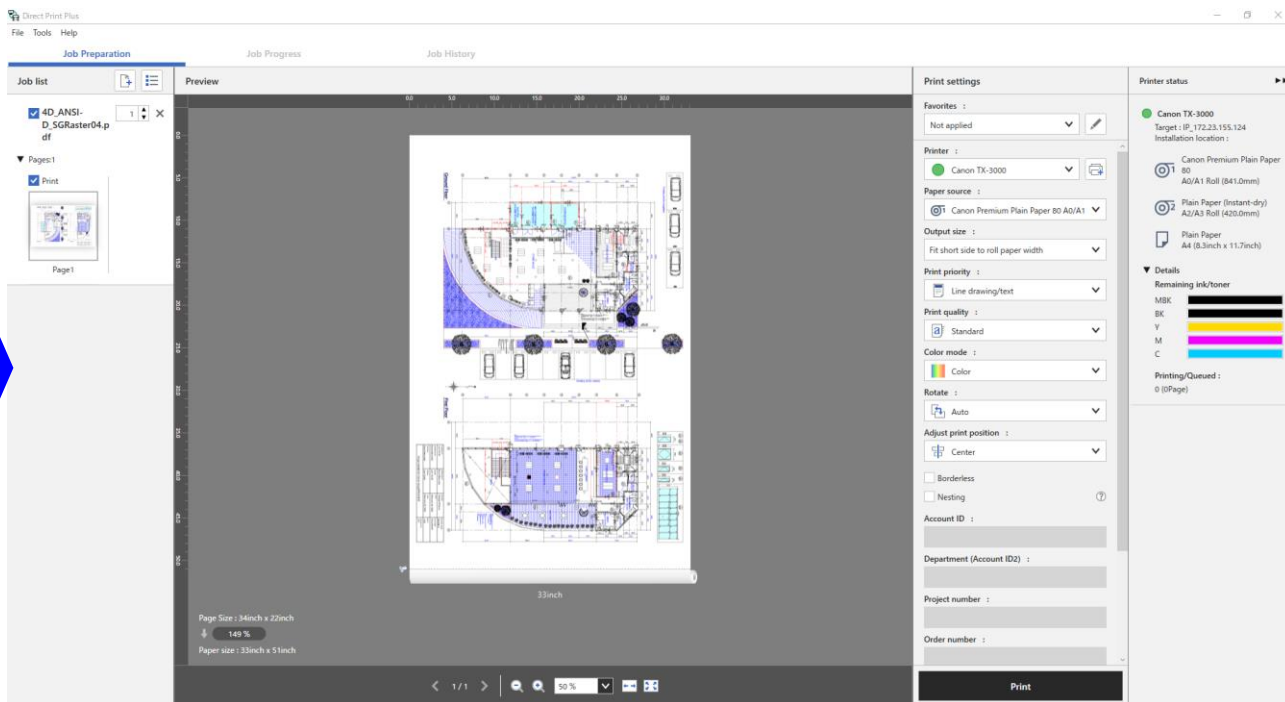
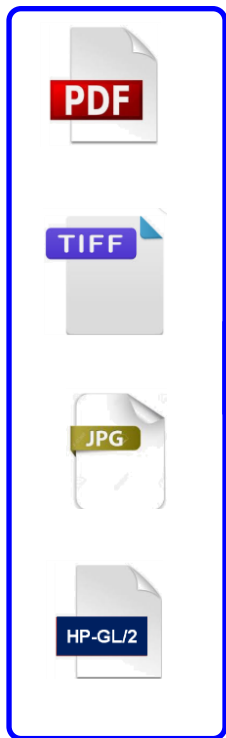
Direct Print & Share Manual

- [Direct Print & Share Guide](#)

Page top ↑

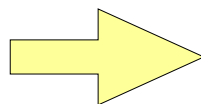
Direct Print Plus

Job submission tool enabling efficient print workflow



(Simulated image)

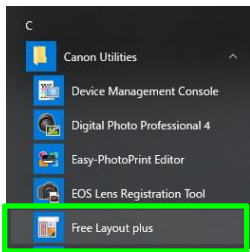
PosterArtist Lite



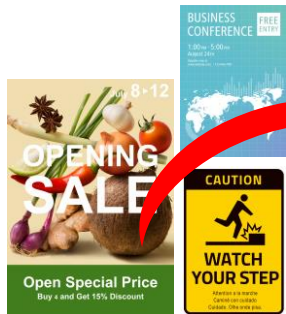
- Borderless print with custom size
- Three side borderless print

Free Layout plus

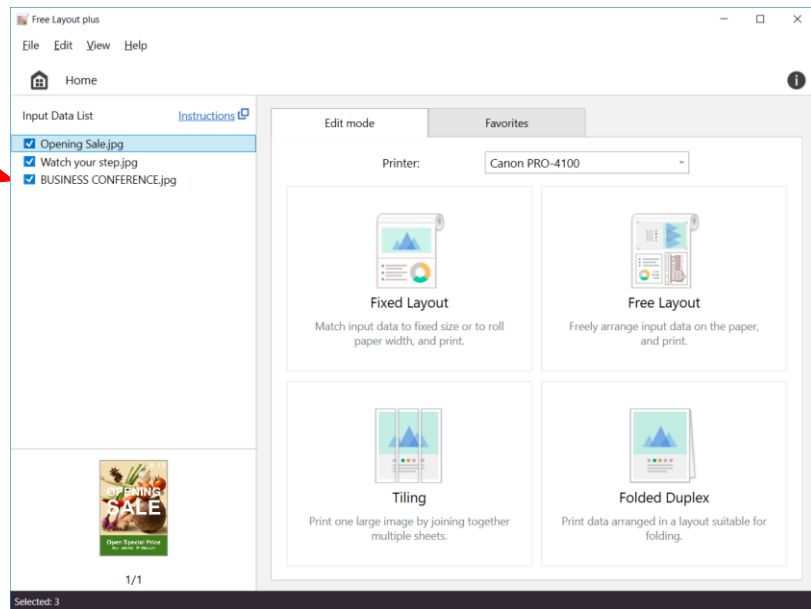
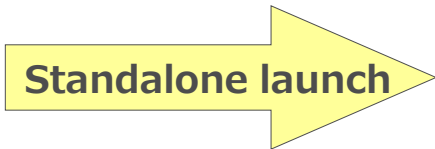
Standalone launch and drag & drop operation



Start menu



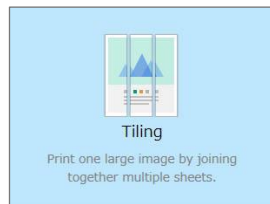
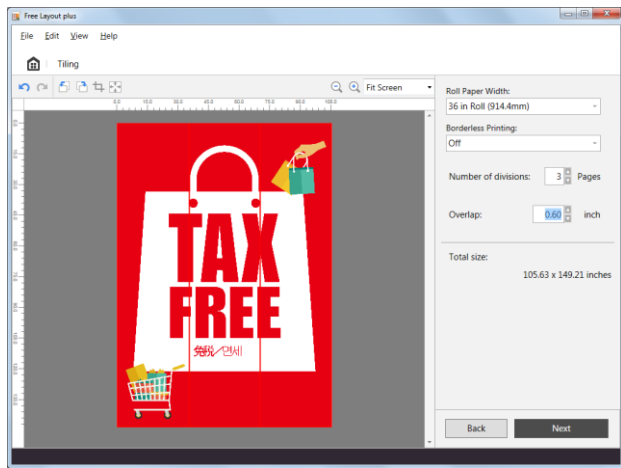
Multiple images can be input by drag & drop



Intuitive and efficient operation

Free Layout plus

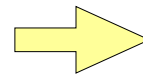
Tiling



Number of divisions: Pages

Overlap: inch

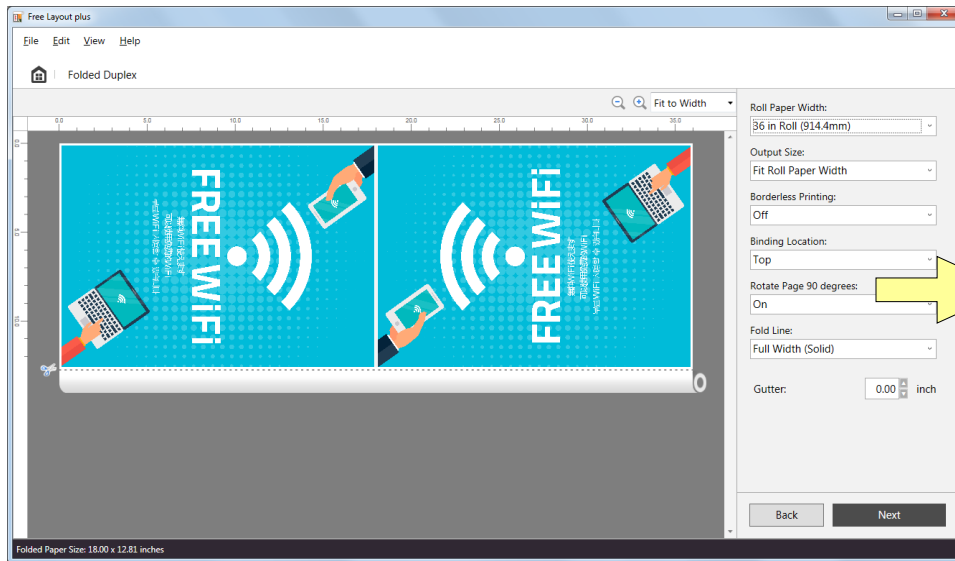
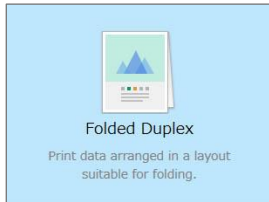
Total size:
105.63 x 149.21 inches



Extra-large posters, larger than the printer width can be made up simply by entering the number of divisions and overlap width

Free Layout plus

Folded duplex



Useful for promotional posters hung from a ceiling











Any two pages can be arranged to be back-to-back when folded over after printing

Easy-PhotoPrint Editor

Simple and convenient creation of posters



Supports Windows, Mac, iOS, Android

Photo Print	Photo Layouts	Collages	Calendars	Posters
<p>Filter: Not specified</p>  <p>1</p>  <p>1</p>	<p>Filter: Not specified</p> <p>67 items</p>  <p>Borderless (x1)</p>  <p>Borderless (x4)</p>	<p>Filter: Not specified</p> <p>16 items</p>  <p>Simple</p>  <p>Simple</p>	<p>Filter: Not specified</p> <p>19 items</p>  <p>Cute, One month</p>  <p>Simple, One month</p>	<p>Filter: Not specified</p> <p>24 items</p>  <p>Poster 001</p>  <p>Poster 008</p>

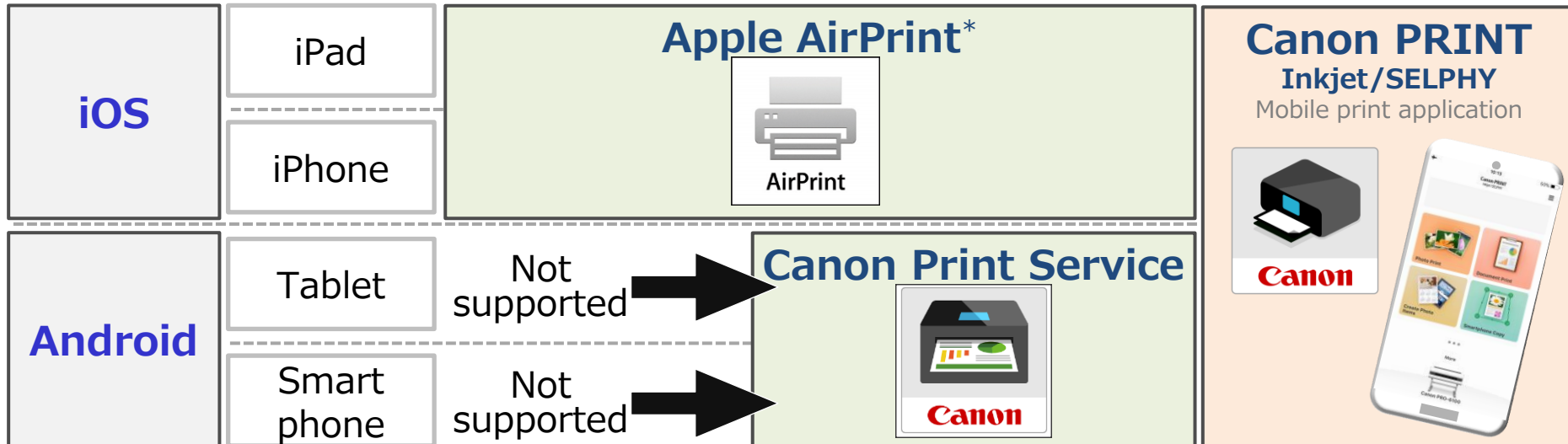
Poster can be created from Mac and mobile devices

Mobile Printing Application

Support Wi-Fi Mobile Printing from iOS/Android

Current PRO series

New PRO series



Android is a trademark of Google LLC
AirPrint and the AirPrint logo are trademarks of Apple Inc.

* For new PRO series, DL available from 4Q Y2019(TBD)

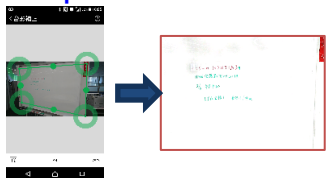
Canon PRINT Inkjet/SELPHY

Casually print creation from smartphone

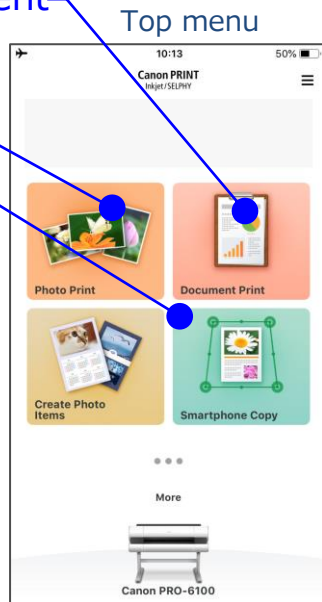
Print Microsoft Office document

Print photo file

Making copy with smartphone



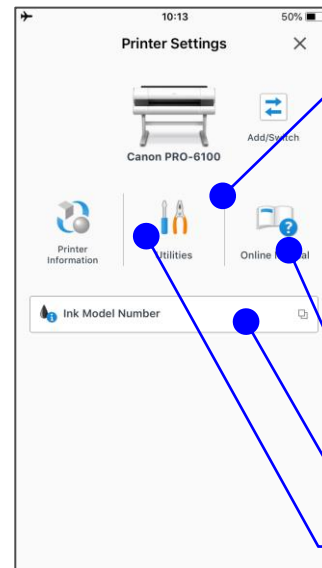
Shoot whiteboard, magazine or newspaper then execute keystone correction
→ Share the corrected file at meeting.



Easily check manual or remaining ink

Show printer status /remaining ink (Remote UI)

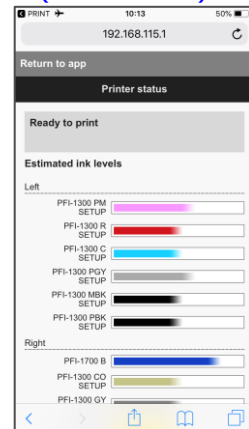
Printer setting



Manual link (Incl. movies)

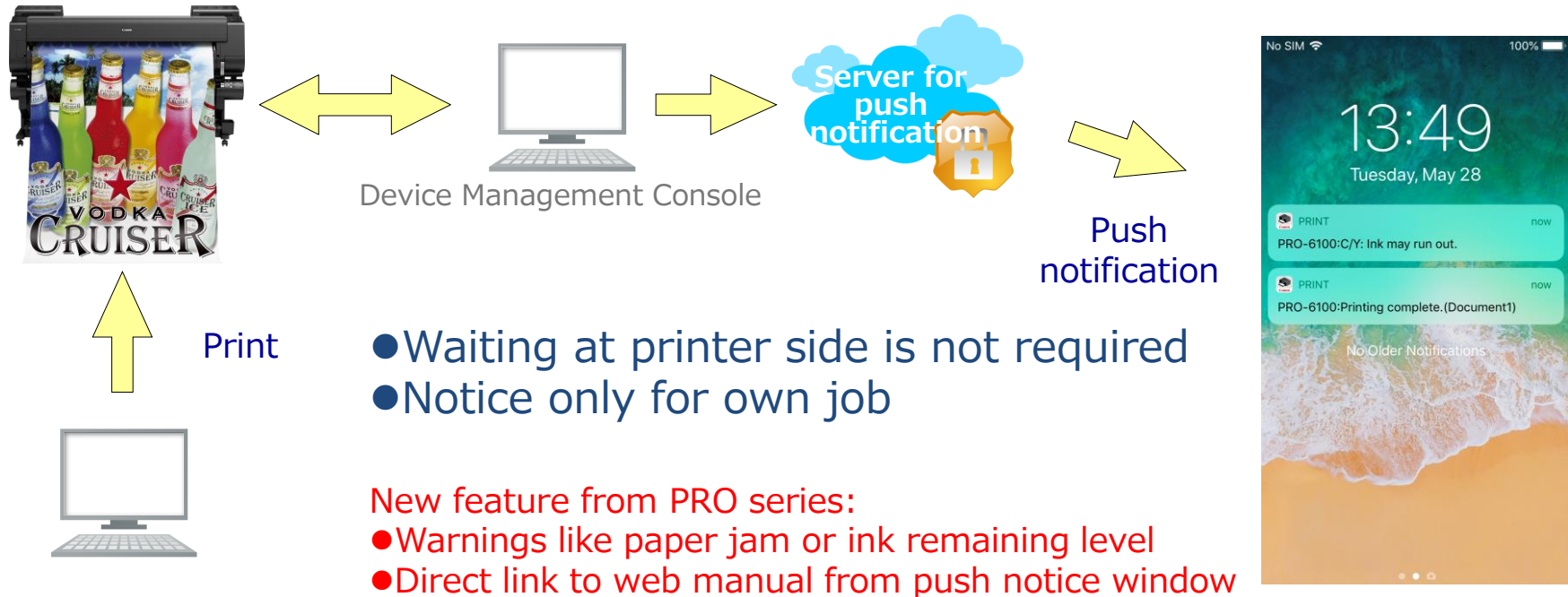
Ink item number

Print pattern for check/adjust nozzle (Remote UI)



Canon PRINT Inkjet/SELPHY

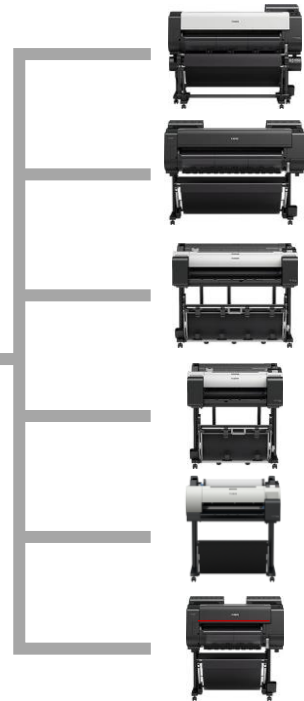
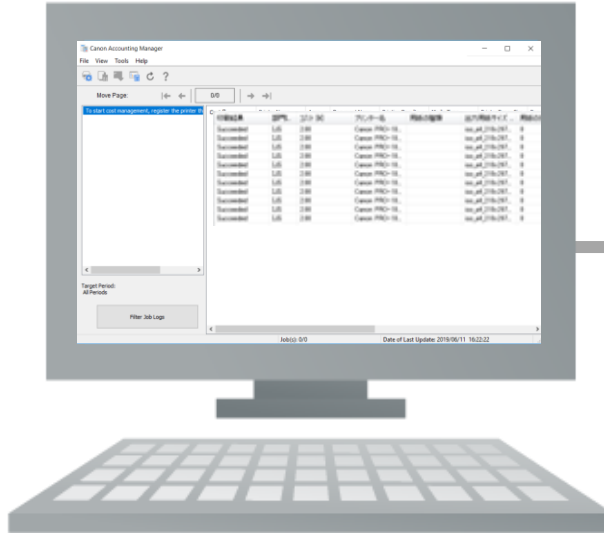
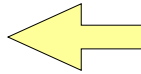
Push notification to registered smartphones



Accounting Manager

Centralised management of multiple printer's print job history

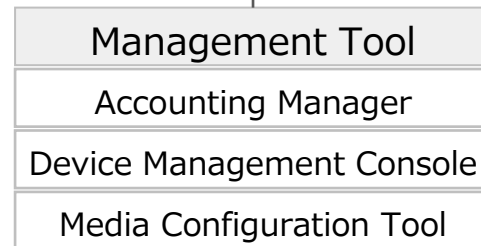
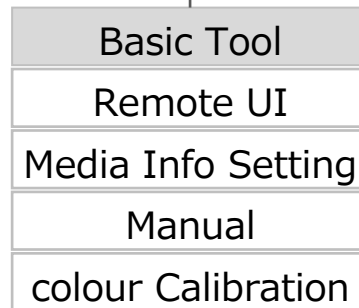
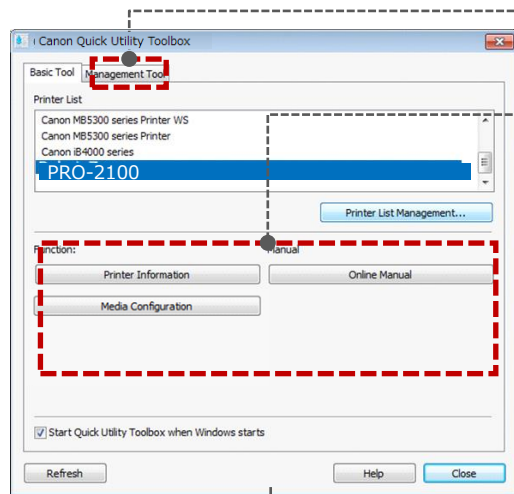
- Output by CSV
Available manage by department or use



- Supports Windows and Mac

Quick Utility Toolbox

Easy access to application and functions for PRO series



Click the icon residing in the system tray to display a pop-up window

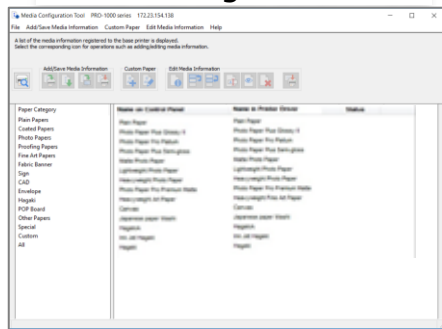


Media Configuration Tool

Media information can be updated to meet user's needs



Media Configuration Tool



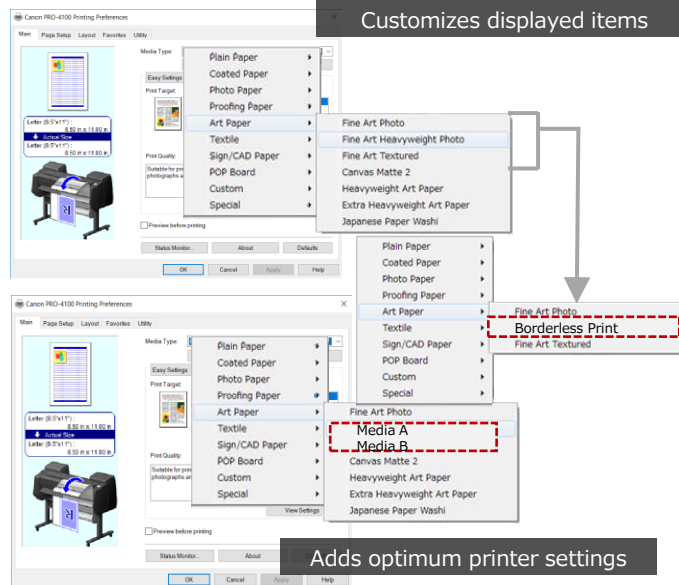
Creates and edits print settings

Edit

Managing media information displayed in the printer driver UI
Renaming,
showing/hiding, and
rearranging media

Create/Include

Adding media information



[Items] Paper feed adjustment, ink drying time, ICC profile setting, and others

Optimum print settings for various media can be managed

**Current Dye and pigment 5-colour ink models do not support creating custom media information

imagePROGRAF

PRO Series