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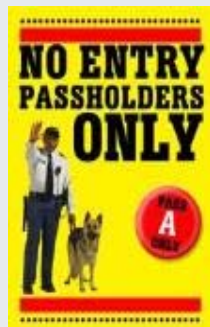# REDEFINING THE LARGE-FORMAT PRINTER.

REDEFINING THE LARGE FORMAT PRINTER

Faster, Quieter, Lower Ink Consumption, Easier to Use, Poster Printing Software and more!!!

The TM Series of printers, with Canon innovative technologies built in, are uniquely positioned to build upon the legacy of the imagePROGRAF line that **Architects, Engineers** and the **Construction** markets have relied on for years as well as to capture **emerging large format markets**.

TECHNICAL DOCS & GENERAL USE

Single User

- 24" iPF610 — Cassette
- 24" iPF670E — No Stand, low end
- 24" iPF670 — Low volume
- 24" TM-200 — Mid volume

- 36" iPF770 — Low volume
- 36" TM-300 — Mid volume
- 36" TM-305 — With hard drive
- 36" TX-3000 — High Volume

- 44" TX-4000 — High Volume

Workgroup size

Workgroup

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TM SERIES: LINE-UP

36-inch	24-inch

TM-300

TM-300 MFP T36

TM-300 MFP L36ei

TM-200

TM-305

TM-305 MFP T36

TM-200 MFP L24ei

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TM SERIES: WHAT'S INSIDE

- LUCIA TD Pigment Ink
- Ink Tanks Sizes 300 ml and 130 ml
- Quiet Operation
- Batch Printing
- Nesting & Tiling of files
- Small Footprint
- Intuitive Operation Panel
- Easy Roll Loading
- Fast File Processing Time
- Stacking Basket on TM-305
- USB Drive Direct Printing on TM-305
- Hot Swap Ink Tanks
- Remaining Roll management
- Clear Window
- Software Solutions

Ink Tank

Sub ink tank

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LUCIA TD PIGMENT INK
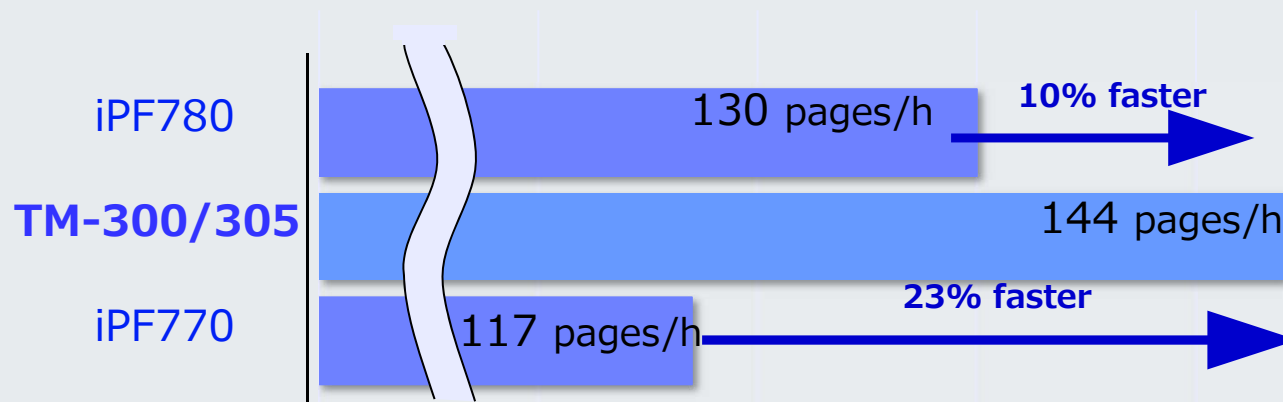
5-color Pigment Ink

LUCIA TD ink

LUCIA TD Pigment Ink
- Provides clear reproduction of lines with dense black and bleed resistance – *For accurate replication of technical documents*
- Vivid colors on plain paper & coated papers - **Bright colorful renderings, designs, posters, office documents and more**
- Better weather resistance than dye ink – *For short term outdoor prints*

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REDEFINING PRINT SPEED

The TM Series is faster than previous iPF models by optimizing the printing sequence which allows for faster processing between pages

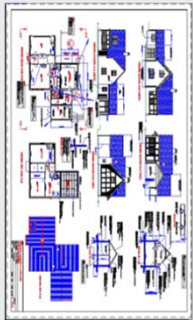*Don't look at just how long one print takes but how long a set will. Can the competition keep up?*

iPF780 — 130 pages/h — **10% faster**

TM-300/305 — 144 pages/h

iPF770 — 117 pages/h — **23% faster**

Continuous printing [1-hour continuous printing, A1 landscape drawing, plain paper, fastest mode*]

REDEFINING INK CONSUMPTION

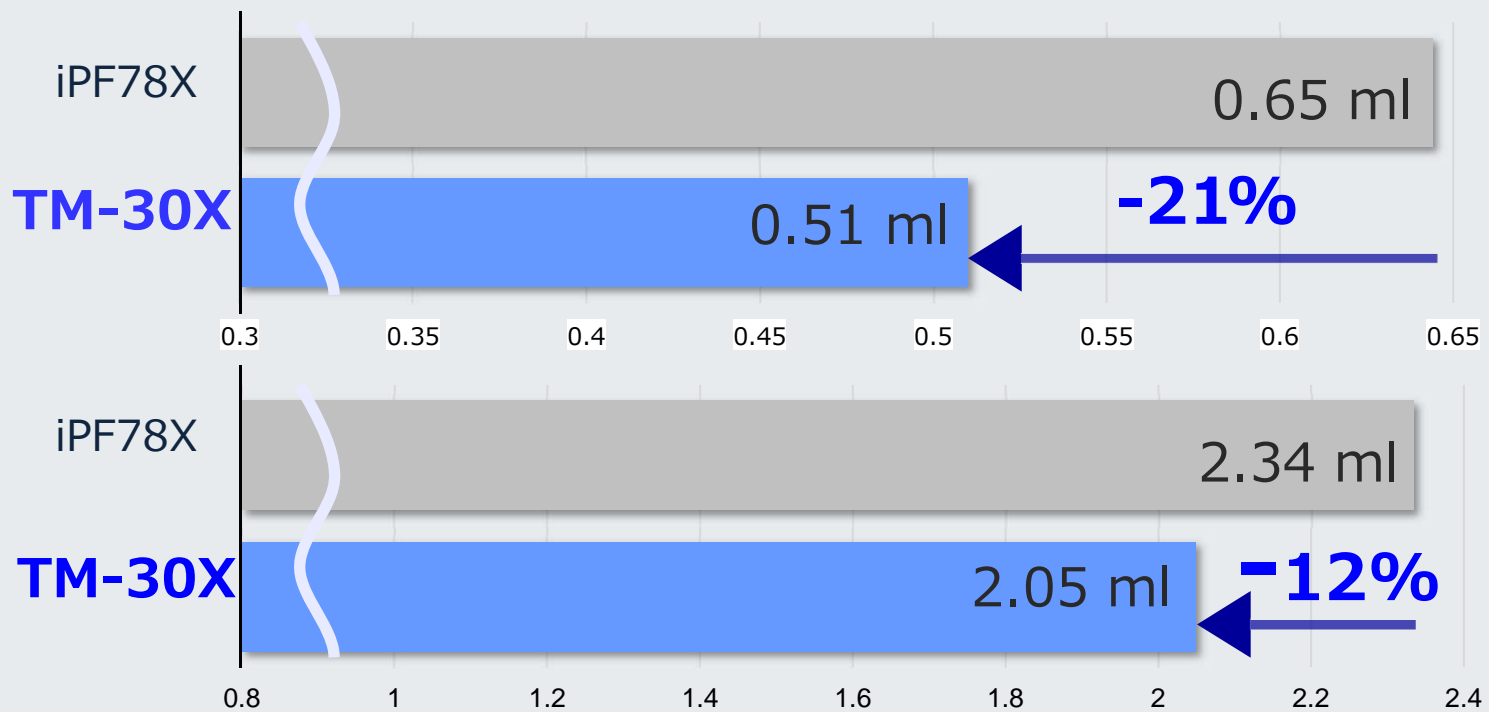The TM-series uses less ink than the iPF78x series
– for a more economical printer

CAD

| iPF78X | 0.65 ml |
| TM-30X | 0.51 ml | **-21%** |

0.3　0.35　0.4　0.45　0.5　0.55　0.6　0.65

Poster

| iPF78X | 2.34 ml |
| TM-30X | 2.05 ml | **-12%** |

0.8　1　1.2　1.4　1.6　1.8　2　2.2　2.4

・Plain paper
・Standard mode
・A0 size

How much ink does the competition use?

*Based on Canon Internal Test

REDEFINING NOISE LEVELS

The TM Series is 60% quieter then the iPF78x/68X series

Platen fan noise
75% lower

Cutter noise
Reduced intermittent noise

By producing less noise the TM series can fit into a wider variety of environment's then other printers - less distraction in a small office

Media feeding noise
60% lower

Exhaust fan's noise
50% lower

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REDEFINING EASE OF USE

Intuitive color LCD panel for easy operation, *even for beginner Large-format users .*

TM Series

iPF780

3.0-inch color LCD

2.6-inch B&W LCD

➡**Easy access**
Frequently-used functions on first screen

➡**Convenience**
Touchscreen

➡**Visibility**
Color screen with clear icons

View a video on how to load media directly from the panel!!!

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REDEFINING THE SIZE OF A LARGE FORMAT PRINTER

The TM series is designed to fit in small environments like construction trailers, retail, corporate offices

Smaller than the iPF78X series the TM can fit into places where space is at a premium

PLUS Easy Media Roll Loading

Roll loading position: 2.75"closer to the front than the iPF78X series

50.75"

35"

No special skill needed to change paper

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REDEFINING THE PRINT PROCESS

Direct Printing from USB Flash Drive without using a PC on the TM-305 model
- Simplifies offsite printing like at construction sites

Available for TM-305 only

Preview in the operation panel

Supported file format:

Multiple-page files can be printed

Users simply walk up to the printer with a USB thumb drive and print blueprints, maps, posters, charts, images and more….without turning on a computer!

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SECURITY FEATURES

The TM has security features built in

The TM Series can be used in corporate, government's and other environments that need added security

		TX Series	TM Series	iPF785
Secure Storage	Self encrypting hard disk	✔		
	Secure disc erase	✔	✔	✔
	Secure file erase	✔ *1	✔ *1	
Secure Communication	802.1x authentication	✔	✔	
	SNMPv3	✔	✔	✔
	SSL/TLS	✔ *2	✔ *2	
	IPSec	✔	✔	
Secure Management	Panel lock by Remote UI	✔	✔	
	Restricted functionality	✔	✔	✔
	Hide IP from panel	✔	✔	✔
	Panel access control	✔	✔	✔
	Secure print by PIN	✔ *3	✔ *3	
Secure Interface	Disable USB drive	✔	✔	
	Disable F/W update through USB	✔	✔	✔
	Disable Interface	✔	✔	

*1: Support schedule is under study *2: Printing from smartphone app cannot be performed
*3: Only TM-305/205(Support schedule is under study)

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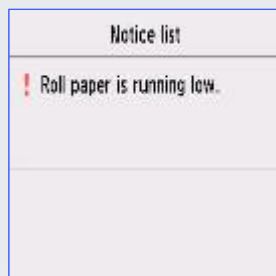SEE IMPOSSIBLE

REDEFINING PAPER MANAGEMENT

The TM Series has 2 ways to estimate the amount of remaining paper

Save time & money by not running out of paper during printing

Displays a warning on the panel	Print barcodes

Easily estimates the amount left without printing barcodes

No ink or paper is used and saves time for printing/ scanning barcodes

Notice list

! Roll paper is running low.
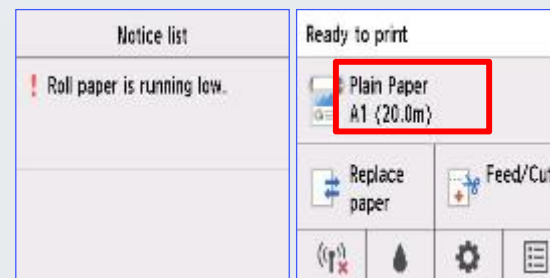
Displays just warning

Exact detection of paper type and remaining amount

Print information such as paper type and remaining in barcodes

Notice list

! Roll paper is running low.

Ready to print

Plain Paper
A1 (20.0m)

Replace paper   Feed/Cut

Displays paper type and remaining amount besides warning

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HOT-SWAP INK TANKS

The TM series allows users to replace an ink tank replacement during printing

Ink Tank

Sub ink tank

Even if the ink tanks run out of ink, printers keep some ink in reserve in sub-ink tanks

Visual display indicates ink remaining in 3 levels

- **Save Time & Money by not running out of ink during a long print job**
- **Sub ink tank system allows for virtually all the ink in the tank to be used**
- **Ask the competition if they have this functionality!**

![Canon SEE IMPOSSIBLE]

REDEFINING THE SCAN-TO-COPY/FILE SHARE SOLUTION

TM MFP T36 solutions

&

TM MFP Lei Solutions

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SCAN-TO- COPY/FILE/SHARE SOLUTIONS

	36 inch		24 inch
	TM-305 MFP	TM-300 MFP	TM-200 MFP
T- Scanner	T36	T36	
L- Scanner		L36ei	L24ei

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TM MFP T36 SYSTEM

Fast scan speeds: up to 13" per second
Faster scanning means more productivity

CIS Scanner with up to 1200 dpi
**SingleSensor technology ,
enabling high-precision
scanning that produces
sharp, fine lines and text.**

Scan media up to 2.0 mm
thick
**Less limitations on
what can be scanned**

Printer & Scanner work
independently of each
**Maximize productivity
by printing and
scanning at the same
time**

15.6 LCD Touchscreen Panel for
large preview of scans
Easy to view and edit scans

SmartWorks MFP 5 included
**Advanced features that are
simple to use**

Monitor & Scanner mount
directly to the printer
**Integrated design saves
space**

TM-305 includes Flat Stacker Basket
**Basket can be used to neatly
stack sets of prints or used to
catch posters**

TM-305 MFP T36 shown

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SMARTWORKS MFP 5

SmartWorks MFP, scanning software simplifies large-format scanning or copying with intuitive operations. enables image editing including: deskew, adjust brightness, removing the background, flip scans horizontally, and more.

Users can edit scans efficiently as they preview changes on the large screen, which can reduce copying errors.

Scanned data can be saved in various file formats

- PDF - Multi Page PDF – JPEG – TIFF - PDF/A - DWF

Even inexperienced users can easily scan, copy, or edit

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REDEFINING THE L SERIES MFP SYSTEMS

MFP L36ei/L24ei

2-color icons

iPF color
Gray

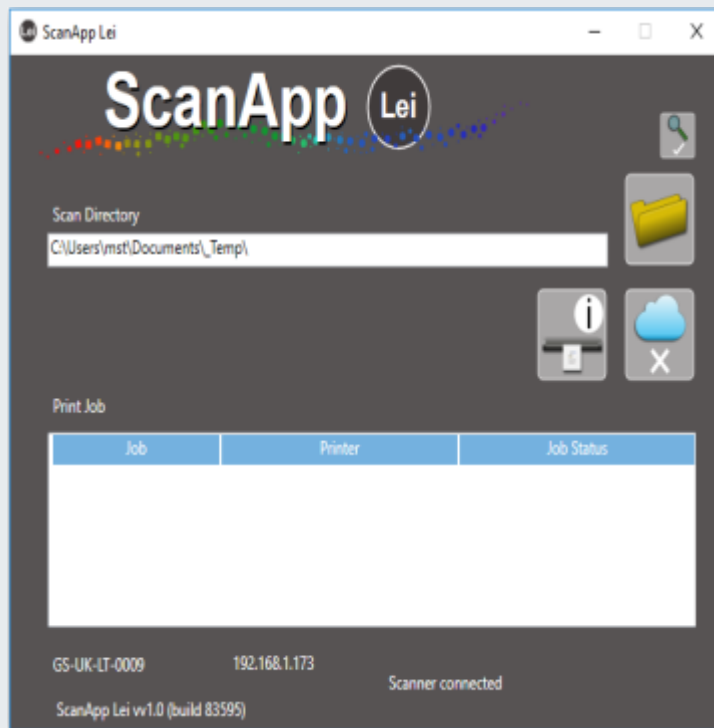**Multi-color icons**
8-bit color

TM color
Black

Only with iPF series
iPF670/770

Compatible both TM and iPF series
TM-300/200
iPF770/670

L36/L24

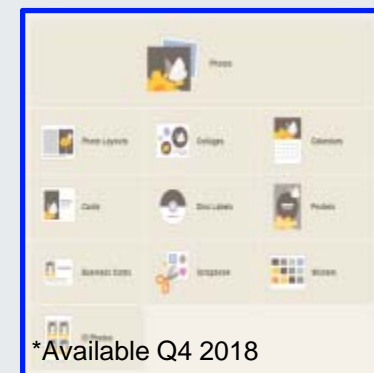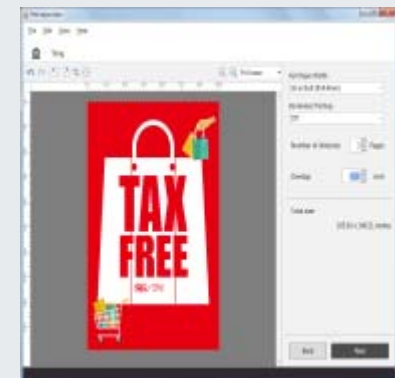L36ei/L24ei

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ScanApp Lei

Dedicated utility software "ScanApp Lei" to improve efficiency in scanning and copying

● Continuous scan, continuous copy
● Copy & Archive
● Scan to network folder
● Scan to Cloud (via DPS)
● Scan to USB flash drive (through network)

Simple to use for the low volume and entry level user

SOFTWARE SOLUTIONS INCLUDED

- Free Layout Plus
  - Tiling
  - Folded Duplex

- Direct Print & Share

- Easy-PhotoPrint Editor*

- Unified Printer Driver for TX Series/TM Series

- AutoCAD Optimized Printer Driver

- Accounting Manager

  - Email notification of accounting information

- Quick Utility Toolbox

- Media Configuration Tool

- Wi-Fi Mobile Printing Application

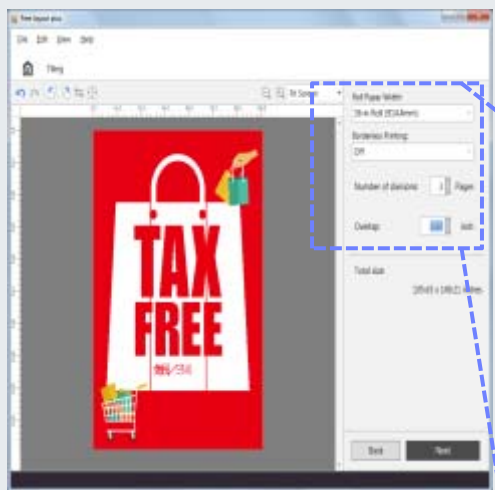 - Apple air print and Canon Print Services

*Available Q4 2018

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FREE LAYOUT PLUS

NEW

Accessed as a virtual printer or as a Plug-in from Microsoft Office programs, Free Layout Plus enables

- Nesting of files
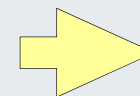- Creation of a folded duplex print
- Tiling of a file

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

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DIRECT PRINT & SHARE

Canon's Direct Print & Share cloud-based portal solution

Images and files can be uploaded to and downloaded from any WebDAV compliant cloud server*.

❖ Integration with software solutions such as AutoCAD,

❖ Direct printing of PDF, TIFF, JPEG and HP-GL/2 file formats with no other application or drivers necessary

❖ Drag and Drop printing feature

❖ Support for PosterArtist files

New Features

• Fast processing of multi-page PDFs

• Registering and applying print settings

• Thumbnail previews of multiple print jobs

• Display of ink levels and maintenance cartridge capacity

• Inserting a divider sheet between jobs

• Larger preview window

Share files from the office to an offsite printer

*Your server must be compatible with a webDAV enabled cloud account, including but not limited to, Google, Carbonite or Rackspace, to take advantage of the cloud functionality. Storage capacity and any pricing thereof is based on the third-party cloud provider's current offering, at its sole discretion. Your cloud account is subject to the third-party cloud provider's terms and conditions. Neither Canon Inc. nor Canon U.S.A., Inc. represents or warrants any third party product, service or feature referenced hereunder.
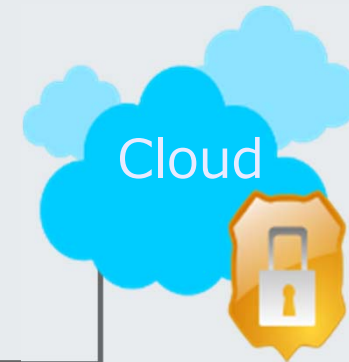

Downloadable from http://www.usa.canon.com/downloads

POSTERARTIST LITE

Poster creation software that allows user to create posters, signs and banners in just four easy steps!

1. Select Template
2. Choose Print Options
3. Edit Content
4. Print

Templates and other files can be accessed from the cloud

Cloud

NEW

Download

More flexibility and freedom in updating and adding content
- **Add content as needed**

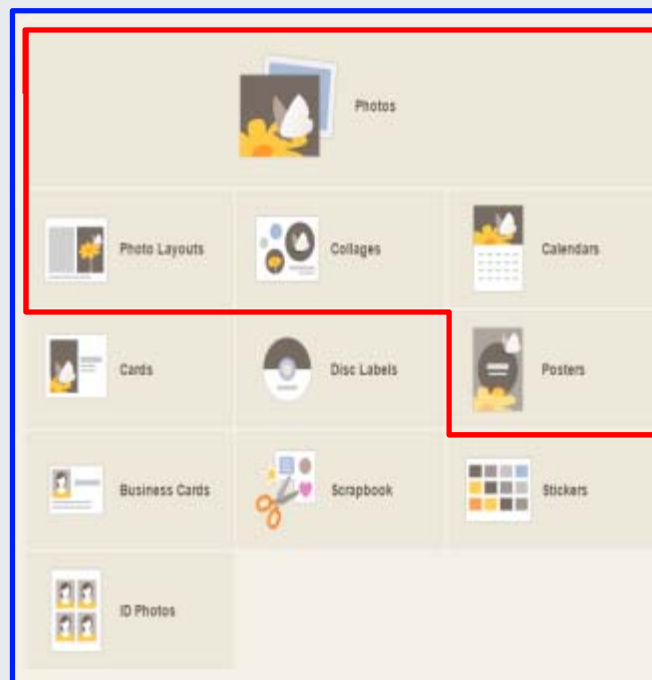Canon
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EASY-PHOTOPRINT EDITOR

NEW

Simple and convenient creation of posters

Supports Windows, Mac, iOS, Android

Available with TM Series*
- Photo print
- Photo layout
- Collage
- Calendar
- Poster

Available with PIXMA Series

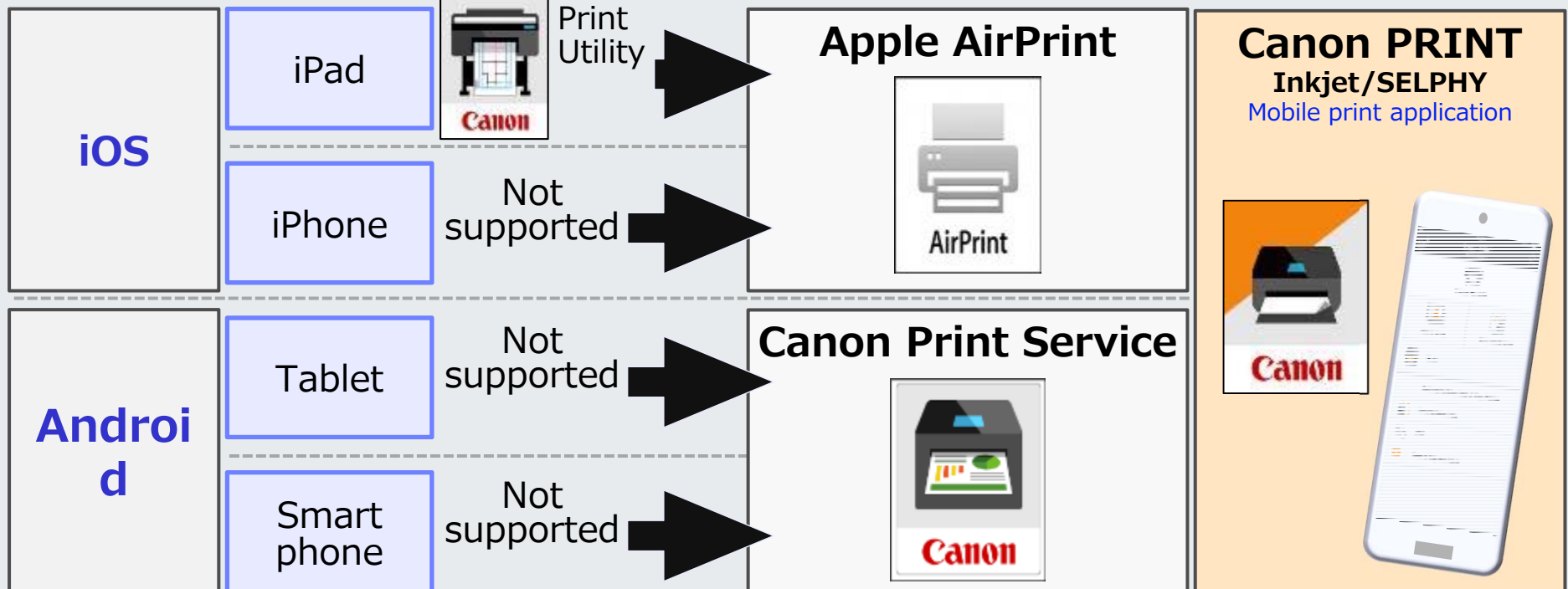## Posters can be created from Mac and mobile devices

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*To be released in December 2018

WI-FI MOBILE PRINTING APPLICATION

NEW

Supports printing from iOS and Android

	iPF780/770	TM Series	
iOS	iPad — Print Utility →	**Apple AirPrint**	**Canon PRINT** Inkjet/SELPHY Mobile print application
	iPhone — Not supported →		
Android	Tablet — Not supported →	**Canon Print Service**	
	Smart phone — Not supported →		

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

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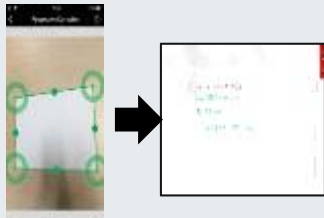SEE IMPOSSIBLE

CANON PRINT INKJET/SELPHY

NEW

Easily print from smartphone

Print from Microsoft documents
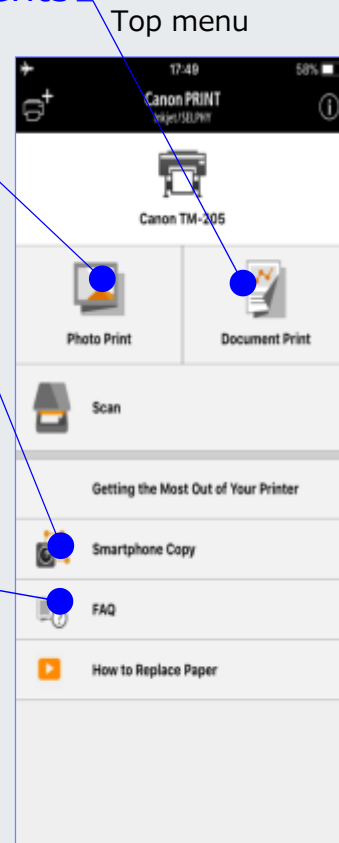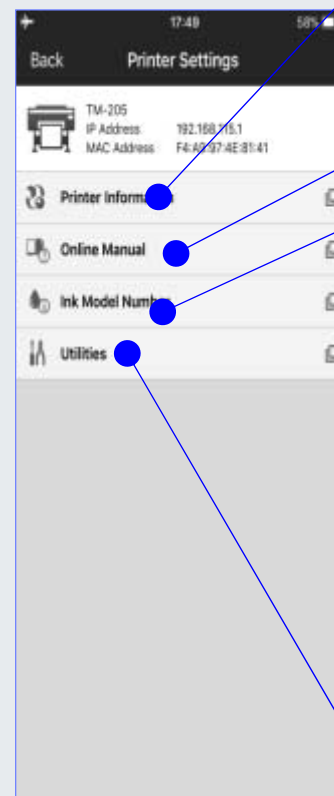
Photo print

Smartphone Copy

Take a photo of whiteboard and straighten distortion to print
➔ Shared right away at the meeting

Video assistance

Top menu

Quickly check printer status and ink level

Printer settings

Displays printer status and ink level (Remote UI)

Manual

Ink model info

UI Screenshots are provisional

Print patterns to check or adjust nozzle (Remote UI)
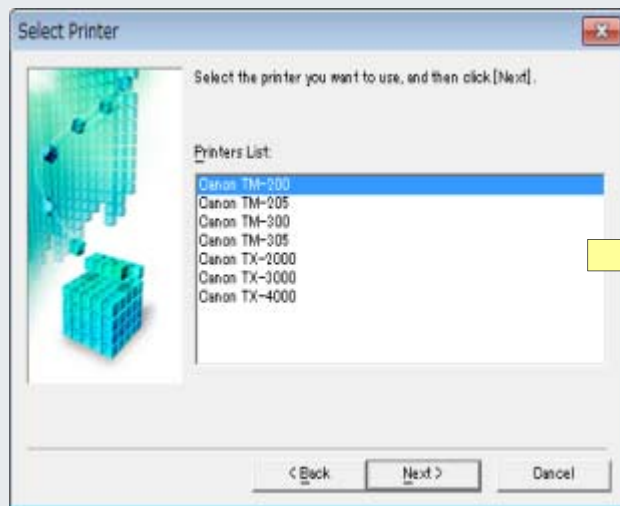
SEE IMPOSSIBLE

UNIFIED PRINTER DRIVER FOR TM SERIES

One Print Driver for multiple printers – including TX series

1. Install any of the printers

2. [Add Printer] to add a new model

TX Series
- TX-4000
- TX-3000

TM Series
- TM-305
- TM-300
- TM-200

*Windows only

AUTOCAD OPTIMIZED PRINTER DRIVER

Accurate printing of data created with AutoCAD

ACCOUNTING MANAGER

NEW   Email notification of accounting information

Customers   **LFP partners**

Scheduled email of CSV files
containing info ink consumed

**Accounting
Manager**

Business proposal
Proactive support

Check how customers use printers
based on ink consumption

Proactive support can be provided

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QUICK UTILITY TOOLBOX

Easy access to application and functions for TM series

Basic Tool	Management Tool
Remote UI	Accounting Manager
Media Info Setting	Device Management Console
Manual	Media Configuration Tool

*TM series does not support color calibration

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

MEDIA CONFIGURATION TOOL

Media information can be updated to suit user's needs

Edit

Managing media information displayed in the printer driver UI

Renaming, showing/hiding, and rearranging media

Customizes displayed items

Create/Include

Adding media information

Creates and edits print settings

Adds optimum printer settings

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

Get the most out of the printer

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

PRINTING DIRECTLY FROM FTP

Hot folders can be set up on the printer for high-end CAD users

PDF

PDF

JPEG

GL/2

PDF

PDF

Folder 0
(Root Folder)

Folder 1

Folder 2

Folder 3

Folder 4

*TM-300/200 do not support PDF

Print Settings for hot folder:
Color mode, print quality, paper source, margins, rotation, enlargement/reduction

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How the TM Stacks Up

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COMPARISON WITH CURRENT MODELS

	TM Series	Current Models		TX Series
		iPF78x/68x	iPF770/670	
Usability	Quiet operation	——	——	——
	"Slide-in" roll loading (Pre-loading position is 5.75"closer to the front)	"Slide-in"	"Slide-in"	Just place a roll
	Color touchscreen panel	——	——	Supported
	Clear window	——	——	——
	Video assistance of media handling	——	——	——
	Security features(No Disk encryption)	Partially supported	Partially supported	Supported (incl. Disk encryption)
Productivity	Fast printing(max. 24 s/A1 portrait)	25 s	28 s	24 s
	300 ml/130 ml ink tanks	300 ml, 130 ml	Only 130ml	700 ml, 330 ml, 160 ml
	Hot-swap ink tanks	Supported	Supported	Supported
Ink Type	LUCIA TD pigment ink	Dye/pg	Dye/pg	LUCIA TD
MFP Solution	T36 (TM305/300)	M40	Le	TX Supported
	L24ei/L36ei	——	Supported	——

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COMPARISON WITH CURRENT MODELS

Software	TM Series	Current Models		TX Series
		iPF78x/68x	iPF770/670	
Unified Printer driver	●	——	——	●
Direct Print & Share	●	●	●	●
AutoCAD optimized printer driver	●	●	●	●
PosterArtist/ PosterArtist Lite	●	●	●	●
Free Layout plus	●	——	——	●
Canon PRINT Inkjet/SELPHY	●	——	——	——
Canon Print Service	●	——	——	●
Apple AirPrint	●	——	——	To be supported in 4Q '18
Easy-PhotoPrint Editor	●	——	——	——
Device Management Console	●	——	——	●
Accounting Manager	●	——	——	●
Media Configuration Tool	●	●	●	●
Quick Utility Toolbox	●	——	——	●

Differences in TM Series Function Specifications

	HDD Model TM-305	Non-HDD Model TM-200/300
USB direct printing	Supported	Not supported
Stacking Basket	Supported	Not supported
Network Direct printing	JPEG/PDF/HP-GL/2	JPEG/HP-GL/2
Output method/box printing	Supported	Not supported
Printing after reception (save) is completed	Supported	Not supported
Disk erase	Supported	Not supported
PIN Code printing	Scheduled for support	Not supported
Secure Disk erase	Supported	Not supported
Secure File erase	Scheduled for support	Not supported
Number of retained job logs	10,000 records (on HDD)	32 records (Power off : 10 records)
GL/2 file processing HDD memory	128GB	None

Function differences derived from installation of HDD

TOP THREE COMPETITIVE ADVANTAGES

SPEED

Fastest Possible Print Rate for A1/D-Sized Line Drawings

HP DesignJet T520	35 seconds
Epson SureColor T3270	28 seconds
Canon TM-200/TM-300	**24 seconds**

OFFICE FRIENDLY

- 60% Quieter from current models
  - Smallest Footprint
  - Stacking Capabilities
- Print directly from USB

WEATHER RESISTANT INK

LUCIA TD Pigment Ink optimizes print quality on plain paper and allows for outdoor viewing.

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24" SIDE-BY-SIDE-FEATURES

imagePROGRAF TM-200

BRAND/MODEL	CANON TM-200	HP DesignJet T520	Epson SureColor T3270
MSRP	$2,495	$2,105	$2,995
Width	24"	24"	24"
Max. Print Speed (A1/D-sized Line Drawing)	24 Seconds	35 Seconds	28 Seconds
Media Rolls	One	One	One
Media Output	Basket (Standard)	Media Bin	Catch Basket
Mobile Printer App	YES	YES	N/A
Cloud File Sharing	YES	NO	N/A
Wi-Fi Enabled	YES	YES	N/A
Hot Swap Ink Tanks	YES	NO	N/A
Max. Resolution	2400 x 1200	2400 x 1200	2880 x 1440
Memory	2 GB (Physical)	1 GB	1 GB
Ink Tank Size	90 ml (C, M, Y, BK, MBK,: Starter Use Only), 130/300 ml	29 ml (C, M, Y), 38/80 ml (K)	110/350/700 ml
Ink Type	Pigment	Dye (C, M, Y), Pigment (K)	Pigment
Number of Colors	5	4	5
Ink Colors	C, M, Y, BK, MBK	C, M, Y, K	C, M, Y, pK or mK
Line Accuracy	0.1%	0.1%	0.1%
Minimum Line Weight	0.02 mm	0.02 mm	0.018 mm
Print Languages	SGRaster, HP-GL/2, HP RTL, JPEG	HP PCL GUI, HP-GL/2, HP-RTL, CALS G4, JPEG	Epson Precision XD, HPGL/2, HP-RTL, (Optional Adobe Post Script 3)
Workflow Solutions (Standard)	Accounting Manager, Apple AirPrint, Canon Print Service, Canon PRINT Inkjet/Selphy, Device Management Console, Direct Print & Share, Easy-PhotoPrint Editor, Free Layout Plus, imagePROGRAF Printer Driver for Windows®/Mac®, Media Configuration Tool, Optimized Driver for AutoCAD, PosterArtist Lite for Windows, QuickUtility Toolbox.	Windows® and Mac® Printer Drivers, Apple AirPrint, HP Print Service Plugin for Android, HP Print for Chrome App, HP ePrint, HP Smart App	Epson Professional Print Drivers for Windows and Mac, Job Accounting Software for Windows, Print Plug-in for Microsoft Office, Epson CopyFactory, Epson Print Sever HDD Utility

36" Side-by-Side-Features

imagePROGRAF TM-300   imagePROGRAF TM-305

BRAND/MODEL	CANON TM-300/305	HP DesignJet T520	HP DesignJet T730	Epson SureColor T3270
MSRP	$4,995/TBD	$2,995	$3,595	$3,995
Width	36"	36"	36"	36"
Max. Print Speed (A1/D-sized Line Drawing)	24 Seconds	35 Seconds	25 Seconds	28 Seconds
Media Rolls	One	One	One	One (Option for Two)
Media Output	Basket (Standard)	Media Bin	Media Bin	Catch Basket
Mobile Printer App	YES	YES	YES	N/A
Cloud File Sharing	YES	NO	NO	N/A
Wi-Fi Enabled	YES	YES	YES	N/A
Hot Swap Ink Tanks	YES	NO	NO	N/A
Max. Resolution	2400 x 1200	2400 x 1200	2400 x 1200	2880 x 1440
Memory	2 GB (Physical)	1 GB	1 GB	1 GB
Ink Tank Size	90 ml (C, M, Y, BK, MBK,: Starter Use Only), 130/300 ml	29 ml (C, M, Y), 38/80 ml (K)	40/ 140/ 300 ml, 69 (mK Only)	110/350/700 ml
Ink Type	Pigment	Dye (C, M, Y), Pigment (K)	Dye (C, M, Y), Pigment (K)	Pigment
Number of Colors	5	4	4	5
Ink Colors	C, M, Y, BK, MBK	C, M, Y, K	C, M, Y, K	C, M, Y, pK or mK
Line Accuracy	0.1%	0.1%	0.1%	0.1%
Minimum Line Weight	0.02 mm	0.02 mm	0.02 mm	0.018 mm
Print Languages	SGRaster, HP-GL/2, HP RTL, JPEG	HP PCL GUI, HP-GL/2, HP-RTL, CALS G4, JPEG	HP-GL/2, HP-RTL, HP PCL3 GUI, CALS G4, JPEG, TIFF, URF	Epson Precision XD, HPGL/2, HP-RTL, (Optional Adobe Post Script 3)
Workflow Solutions (Standard)	Accounting Manager, Apple AirPrint, Canon Print Service, Canon PRINT Inkjet/Selphy, Device Management Console, Direct Print & Share, Easy-PhotoPrint Editor, Free Layout Plus, imagePROGRAF Printer Driver for Windows®/Mac®, Media Configuration Tool, Optimized Driver for AutoCAD, PosterArtist Lite for Windows, QuickUtility Toolbox	Windows® and Mac® Printer Drivers, Apple AirPrint, HP Print Service Plugin for Android, HP Print for Chrome App, HP ePrint, HP Smart App	Windows® and Mac® Printer Drivers, Apple AirPrint, HP Print Service Plugin for Android, HP Print for Chrome App, HP ePrint, HP Smart App	Epson Professional Print Drivers for Windows and Mac, Job Accounting Software for Windows, Print Plug-in for Microsoft Office, Epson CopyFactory, Epson Print Sever HDD Utility

Thank you