imagePROGRAF
TM-510/TM-510M
TM-610/TM-610M



TM Series

Canon

KEY FEATURES



TM Series

New TM Series

Developed for small and medium-sized architecture, engineering and construction (AEC) businesses, as well as in-house print environments across retail, hospitality and education. Plus, offering print speeds of up to 3.2ppm for A1 output on 36" models.



LUCIA TD ink

5-Colour LUCIA TD Pigment Ink System

The new high-density MBK ink, enhanced image processing and improved colour mapping on plain paper deliver highly accurate technical output together with darker blacks and more vibrant colours. This supports a broad range of applications, from technical drawings and plans to posters and point-of-sale materials.





High-capacity Ink Tanks

Printer comes with 490ml (CMYK 90ml, MBK 130ml) inks in the box, Both the 130ml and the larger capacity 300ml are available providing choice and flexibility and the "hot swap" ink system lets you change inks while the printer is printing.





Borderless Printing

Easily create borderless prints in a various sizes with borderless printing on virtually any roll width, along with three-sided borderless printing.

SOFTWARE SOLUTIONS TO HELP YOU GET THE MOST OUT OF YOUR PRINTER



Direct Print Plus

Job submission software that helps you output drawings efficiently.

Drag and drop multiple files in different formats, such as PDF, JPEG and TIFF. You can print efficiently without launching a dedicated application for each file.

The Shortcut Print feature allows you to set-up shortcut folders on your desktop allowing for multiple jobs to be run with ease.



Free Layout Plus

You can lay out and print multiple pages on one page, or a multiple-file document on one page. Also, you can lay out and print a document created with multiple apps on one page. Other various layouts include:

Tiling: Print one large image by joining multiple sheets

Folded Duplex: Any two pages can be arranged and printed in a layout that becomes duplex on folding.



Accounting Manager

Accounting Manager is software that calculates ink and paper costs. You can also aggregate data by department or user. Enables you the ability to periodically send information such as the output paper size, paper usage, and ink consumption by email in CSV file format.

PosterArtist

PosterArtist Online

PosterArtist application software allows anyone to easily create well-designed posters and flyers in the office or at home. This intuitively creative web-based software boast auto-generated design templates, access to millions of stack photos, and intuitive editing.

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SUPPORT

Mopria® Print Service Support

Mopria certification also enables driverless printing across Windows and Android, while support for IPP class drivers and Windows Protected Print Mode provides greater flexibility across different IT environments.

Chromebook Support

The TM-series supports wireless printing and scanning from Chromebooks without installing printer drivers or special software



BUILT-IN SCANNER* KEY FEATURES

Canon's first large format printer with a built-in scanner. The built-in scanner offers high-speed scanning in monochrome 10ips and color 5.0ips.

Copying starts printing immediately after scanning, enabling high productivity by outputting A1 size in 63 seconds.

Double-sided CIS scanner helps improve the digitisation of folded and aged documents, thanks to light sources positioned on both sides of the sensor that reduce shadows and uneven brightness caused by creases and wrinkles

* Scanner available on TM-510M/610M only



- Scan and copy large format drawings accurately and easily.
- Scan to USB
- Scan to Cloud
- Scan to E-mail
- Scan to Network Folder
- Optical resolution up to 600dpi
- Media Thickness up to 0.8mm

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imagePROGRAF **TM-510 / TM-510M / TM-610 / TM-610M** SPECIFICATIONS

Print Head
PF-06

Number of Nozzles
MBK: 5,120 nozzles,
BK/C/M/Y: 2,560 nozzles
Total Nozzles: 15,360

Droplet Size
Minimum 5pl per colour

Ink Type
Pigment: Cyan (C), Magenta (M), Yellow (Y), Black (BK), Matte Black(MBK)

Ink Tank
Shipped with Printer: MBK(130ml), C, M, Y, BK (90ml each)
Replacement: C, Y, BK : PFI-120 (130ml), PFI-320 (300ml)
M: PFI-121 (130ml), PFI-321 (300ml)
MBK: PFI-123(130ml), PFI-323 (300ml)

Printer RAM
TM-510 / TM-610: 2GB
TM-510M / TM-610M: 6GB

Media Feed
Roll Feed: One Roll, Top-loading, Front Output
Cut Sheet: Top-loading, Front Output

Media Width

Roll Paper	TM-510/ 510M	TM-610/610M
ISO	A3, A3+, A2, A2+, A1	A3, A3+, A2, A2+, A1, A0
JIS	B4, B3, B2	B4, B3, B2, B1
ARCH	12", 18", 24"	12", 18", 24", 30", 36"
Others	8", 10", 14", 15", 16", 17", 20", 22", 300mm, 500mm, 600mm"	8", 10", 14", 15", 16", 17", 20", 22", 34", 300mm, 500mm, 600mm, 800mm

Cut Sheet	TM-510/ 510M	TM-610/610M
ISO	A4, A3, A3+, A2, A2+, A1, B4, B3, B2	A4, A3, A3+, A2 ,A2+, A1, A0, B4, B3, B2, B1
DIN	C4, C3, C2	C4, C3, C2, C1, C0
JIS	B4, B3	B4, B3, B2, B1
ANSI	8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34"	8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34", 28 x 40, 34 x 44"
ARCH	9 x 12", 12 x 18", 18 x 24", 24 x 36"	9 x 12", 12 x 18", 18 x 24", 24 x 36", 26 x 38", 27 x 39", 30 x 42", 36 x 48"
Photo	(20 x 24"), (18 x 22"), (14 x 17"), (12 x 16"), (10 x 12"), (10 x 15"), (16 x 20")	(20 x 24"), (18 x 22"), (14 x 17"), (12 x 16"), (10 x 12"), (10 x 15"), (16 x 20")
Poster	20 x 30", 300 x 900mm, 500 x 700mm	20 x 30", 30 x 40", 300×900mm, 500 x 700mm, 700 x 1000mm
Others	13×22"	13×22"

Media Cutter
Automatic horizontal cutting(Rotary Cutter)

Media Thickness
0.07 – 0.8 mm

Media Core Sizes
2" or 3" Core

Maximum Roll Outer Diameter
150mm or less

Printing Software Utilities
Accounting Manager, Canon Print Service, Device Management Console, Direct Print Plus, Free Layout Plus, imagePROGRAF Printer Driver for Windows®/ Mac®, Media Configuration Tool, Canon PRINT Inkjet Selphy, PosterArtist Web/PIXMA Cloud Link

Operating System
Windows 11, Windows Server 2016 (64-bit), Windows Server 2019 x64, Windows Server 2022 macOS 13 (Ventura), macOS 14 (Sonoma), macOS15 Sequoia), macOS 26 (Tahoe), Apple AirPrint Supported (MacOS/ iOS/ iPadOS), Mopria Supported (Andriod/Windows), IPP-Everywhere Supported (ChromeOS)

Print Language
SGRaster, HP-GL/2, HP RTL, JPEG, CALS G4

Interface

Hi-Speed USB:	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Ethernet (Built in):	IEEE802.3ab(1000BASE-T)/ IEEE802.3u(100BASE-TX)/ IEEE802.3(10BASE-T)
Wireless LAN:	IEEE 802.11 b/g /n

Power Supply
AC 100–240V (50 – 60 Hz)

Power Consumption	TM-510	TM-510M	TM-610	TM-610M
Power Consumption (using wired LAN)	Approx 62W	Approx 70W	Approx 65W	Approx 76W
Standby (using wired LAN)	Approx 1.6W	Approx 1.6W	Approx 1.6W	Approx 1.6W
Power Off	Approx 0.06W	Approx 0.06W	Approx 0.06W	Approx 0.06W

Operational Environment
Temperature: 15° – 30° C
Relative Humidity: 10 – 80% (No dew condensation)

Acoustic
Operation: Approx. 41 dB
Stand by: 35dB(A) or less

Printer Dimensions	TM-510	TM-610	TM-510M	TM-610M
Dimensions with stand basket opened (W x D x H)	978 x 885 x 1041 mm	1285 x 885 x 1041 mm	978 x 885 x 1041 mm	1285 x 885 x 1041 mm
Weight (with Stand)	55 kg	65kg	64 kg	77kg

Package Dimensions	TM-510	TM-610	TM-510M	TM-610M
Printer Package Dimensions (W x D x H) with pallet	1152 x 913 x 650 mm	1462 x 1122 x 769 mm	1152 x 913 x 650 mm	1462 x 1122 x 769 mm
Printer Package Weight	74 kg	112 kg	83 kg	124 kg
Stand Package Dimension	1058 x 826 x 270 mm	Stand is in printer box	1058 x 826 x 270 mm	Stand is in printer box
Stand Package Weight	22kg	Stand is in printer box	22kg	Stand is in printer box

Options	TM-510	TM-610	TM-510M	TM-610M
Roll Holder	RH2-28	RH2-35	RH2-28	RH2-35

Consumables
Ink Tank: PFI-120 C/Y/BK, PFI-121 M, PFI-123 MBK (130ml), PFI-320 C/Y/BK, PFI-321 M, PFI-323 MBK (300ml)
Maintenance Cartridge: MC-31
Cutter Blade: CT-08

Scanner

Image sensing method	CIS	CIS
Optical Resolution (Main Scan × Sub Scan)	600dpi x 600dpi	600dpi x 600dpi
Scanning Width	Up to 24 inch	Up to 36 inch
Document Length	Up to 326.9 inch	Up to 8304mm
Document Thickness	0.07~0.8mm	0.07~0.8mm
File format	JPEG, PDF	JPEG, PDF
Irradiation	Both sides scan	Both sides scan

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.

The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times will depend on the host system performance.

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

The quoted scan accuracy may vary depending on the operating environment and the thickness of the media.

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