

imagePROGRAF TM-510M/610M

SCAN, PROCESS, PRINT – SEAMLESSLY AS ONE

Redefine scan-to-print workflows with the new integrated imagePROGRAF 24”and 36” multifunctional printers. Combining printer and scanner in a single compact device, it simplifies installations and benefits from enhanced productivity, intuitive functionality, professional image quality and easy connectivity. With significantly reduced installation time and fast copy print speed, TM-510M/610M redefines seamless, efficient workflows, without compromising on high performance for AEC offices, retail, hospitality and education.

BENEFITS

- **Scan and print as one**
  Printer and scanner fully integrated in a single compact device. Its small footprint fits comfortably where space is limited, offering greater flexibility without compromising on performance. One power source, one IP address and a significantly reduced installation time cut complexity from day one, making setup faster and daily operation simpler.

- **Professional quality, from scan to print**
  Unlock a new level of technical detail and thin-line clarity with high-density MBK ink and enhanced image processing. Enjoy more vivid output with improved colour mapping on plain paper. Shadows on scanned copies are reduced using a CIS scanner with dual-sided LED illumination, prints are more readable, easier to share and archive, ideal for architecture scanning and large format digitisation.

- **Enhanced productivity**
  Every stage of the copy workflow has been optimised for speed. Faster scanning, parallel data processing and quicker print output combine to accelerate scan-to-print rate. The rapid productivity with a print speed of 3.2ppm (A1), borderless printing, quick processing time and large ink tanks, keeps the busy scan-to-print environments consistently on schedule.

- **Intuitive usability**
  Putting key settings of print and scan within easy reach in a 5" tiltable touch screen control panel, with essential displays like media type, remaining media and ink amount. Simplified media setting with auto detection of media type streamlines the workflow. Supports Apple AirPrint, IPP Everywhere, and Mopria for effortless driver-free printing with different devices.

- **Built for sustainability**
  No more disruptions with a low-noise operation, perfect for quieter office environments. Engineered with more recycled materials, EPS-free packaging, and EPEAT certification*, the TM series helps organisations hit sustainability procurement targets without compromising on quality.

*EPEAT 1.0 Gold certified, EPEAT 2.0 Bronze certified, registered in the U.S.

Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF TM-510M/610M

	TM-510M	TM-610M
SCANNER TECHNOLOGY		
Scan Technology	CIS scanner, dual-sided LED illumination	
Maximum Resolution (dpi)	600 dpi x 600 dpi (Optical Resolution - Main Scan × Sub Scan, indicates the maximum sampling rate when scanning a document, based on the ISO 14473 standard.)	
Grayscale Levels	Greyscale Output: 8 bits	
	Colour Ouput: 8 bits per RGB	
Scan Speed	127mm per sec /5ips (Colour, 200 dpi), 254mm per sec/10ips (Mono, 200 dpi)	
Maximum Scan Width	610mm (24")	914mm (36")
Minimum Scan Width	153mm (6")	
Scan Length	JPEG 200dpi : 120mm - 8304mm 300dpi : 120mm - 5536mm 600dpi : 120mm - 2768mm PDF 200dpi : 120mm - 5080mm 300dpi : 120mm - 5080mm 600dpi : 120mm - 2768mm	
Document Width	158mm (6.2") - 622mm (24.5")	153mm (6") - 927mm (36.5")
Document Length	200mm (7.9") - 8304mm (326.9")	
Document Thickness	0.07 - 0.8mm	
Scan format	USB memory (FAT16, FAT32, exFAT), Email, SMB	
File Format	JPEG, PDF	
Supported Original Media Types	Plain Paper, Coated Paper, Blueprint, Tracing Paper, Glossy Paper (*) *Use a carrier sheet for scanning	
Scan Modes	CAD (line drawing), Poster/Photo, Drawing/Map, Blueprint (Black & White Conversion), Inverse Blueprint (Black & White Conversion), Tracing Paper	
Functions	Automatic Original Size Detection, Density Adjustment, Contrast Adjustment, Sharpness Adjustment, Saturation Adjustment, Print Quality Selection, White Enhancement, Black Enhancement, Data Size Adjustment, Frequently Used Settings	
Number of Copies	Up to 99 copies	
Zoom Ratio	25 - 432%	
Languages	Same as printer	
Control Panel	5" (Share the same panel with printer)	
Weight of Scanner	Embedded / Integrated with printer	
Dimensions (W x D x L)	Embedded / Integrated with printer	
Document Handling	Face up	
PRINTER TECHNOLOGY		
Printer Type	5 Colours 24"	5 Colours 36"
Print Technology	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)	
Print Resolution	2,400 x 1,200 dpi	
Number of Nozzles	Total : 15360 nozzles MBK : 5120 nozzle BK, C, M, Y, K: 2560 nozzles each	
Line Accuracy	User adjustments necessary. Printing environment and media must match those used for the adjustments.	
Nozzle Pitch	1,200 dpi (2 lines)	
Ink Droplet Size	minimum 5pl per colour	
Ink Capacity	Bundled Starter Ink: 490ml (130ml for MBK, 90mlx4 for BK, C, M, Y) Sales Ink: 300 / 130ml (MBK, BK, C, M, Y)	
Ink Type	Pigment inks : 5 colours MBK/BK/C/M/Y	
OS Compatability	32 Bit: Windows7, Windows 8.1, Windows 10 64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022, 2025 Apple Macintosh: macOS 12~macOS 26	
Others Supported Job Submission Protocol	Apple AirPrint (for macOS/iOS/iPadOS), Mopria (for Android, Windows), IPP Everywhere (for ChromeOS)	
Printer Languages	HP-GL/2, HP RTL, JPEG (Ver. JFIF 1.02), CALS G4 (submission via SMB only)	
Standard Interfaces	USB A Port: USB memory (Scan to USB only, USB media print not supported) USB B Port: Hi-Speed USB Ethernet: IEEE802.3ab(1000base-T), IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T) Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b	
	*Please refer to user manual how to activate/deactivate the wireless LAN	
MEMORY		
Standard Memory	6GB	
	Expansion slot: No	
SSD storage	N/A	
PRINTING SPEED		
CAD Drawing:		
Plain paper (A1):	0:20 (Fast Economy Mode) 0:23(Fast) 0:40(Standard)	0:17(Fast Economy Mode) 3.2ppm
Plain Paper (A0)	-	0:32 (Fast Economy Mode) 0:40 (Fast) 1:08 (Standard)
Poster:		
Plain Paper (A1)	0:22 (Fast Economy Mode) 0:25 (Fast) 0:38 (Fast new) 0:44 (Standard)	-
Plain Paper (A0)	-	0:36 (Fast Economy Mode) 0:42 (Fast) 1:04 (Fast new) 1:16 (Standard)
Heavy Coated Paper (A1)	0:55 (Fast) 1:21 (Standard)	-
Heavy Coated Paper (A0)	-	1:38 (Fast) 2:30 (Standard)

	TM-510M	TM-610M
MEDIA HANDLING		
Media Feed and Output	Roll Paper : One Roll, Upper-loading, Front Output Cut Sheet : Upper-loading, Front Output (Manual feed using media locking lever)	
Media Width	Roll paper / Cut sheet: 203.2 - 610mm	Roll paper / Cut sheet: 203.2 - 917mm
Media Thickness	Roll/Cut: 0.07 - 0.8 mm	
Minimum Printable Length	Roll paper: 203.2 mm Cut sheet: 279.4 mm	
Maximum Printable Length	Roll paper: 18 mm (Varies according to the OS and application) Cut sheet: 1.6 mm	
Maximum Media Roll Diameter	150 mm	
Media Core Size	Internal diameter of roll core: 2"/3"	
Margins Recommended Area	Roll paper: Top: 20mm, Bottom: 3mm, Side: 3mm Cut sheet (AppleAirPrint): Top: 20mm, Bottom: 31mm, Side: 3mm Cut sheet (Others): Top: 20mm, Bottom:20mm, Side:3mm	
Margins Printable area	Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm Roll paper (borderless): Top: 0mm, Bottom: 0mm,Side: 0mm Cut sheet (AppleAirPrint): Top: 3mm, Bottom: 12.7mm, Side: 3mm Cut sheet (Others): Top: 3mm, Bottom: 20mm, Side: 3mm	
Media Feed Capacity	Roll Paper: 1 roll Cut Sheet: 1 sheet	
Borderless Printing Width (Roll Only)	[Recommended] 515mm(JIS B2), 594mm (ISO A1), 10", 14", 17", 24" [Printable] 257mm (JIS B4), 297mm(ISO A3), 329mm (ISO A3+), 420mm(ISO A2), 515mm (JIS B3), 8", 12", 15", 16", 18", 20", 22", 30", 34", 300mm, 500mm, 600mm Other than above, free size borderless printing is supported on only roll paper by user definition	[Recommended] 515mm(JIS B2), 728mm(JIS B1), 594mm (ISO A1), 841mm(ISO A0), 10", 14", 17", 24", 36" [Printable] 257mm(JIS B4), 297mm(ISO A3), 329mm(ISO A3+), 420mm(ISO A2), 515mm(JIS B3), 8", 12", 15", 16", 18", 20", 22", 30", 34", 300mm, 500mm, 600mm, 800mm Other than above, free size borderless printing is supported on only roll paper by user definition
Maximum number of delivered prints	Standard position: 1 sheet Folding position: Plain paper 20 sheets on A1 portrait (Also A0 portrait for TM-610M only) Flat position: Plain paper 20 sheets on A2 landscape (Also A1 landscape for TM-610M only) (exclude strong curled position)	
POWER AND OPERATING REQUIREMENTS		
Power Supply	AC 100-240V (50-60Hz)	
Power Consumption	Operation: Approx. 70W	Operation: Approx. 76W
	Sleep mode: Approx. 2.2W Default setting for the time to enter the Sleep mode:Approx. 5 minutes Power off: Approx. 0.06W	
Operating Environment	Temperature: 15~30°C, Humidity: 10~80% RH (no dew condensation)	
Accoustic Noise (Power/Pressure)	Operation: Approx. 41dB(A) (Standard Plain Paper, Standard mode, Line Drawing/Text mode) (Measured based on ISO7779 standard) Standby: 35 dB(A) or less Operation: 6.2 Bels or less (Standard Plain Paper, Standard mode, Line Drawing/Text mode) (Measured based on ISO7779 standard)	
Regulations	CE mark, UKCA mark	
Environment Certificates	CB certfication, EPEAT certification*	
Physical Dimensions and Weight	W x D x H Main unit with stand 978 x 885 x 1041 mm (Basket Opened) 978 x 756 x 1041 mm (Basket Closed) 64 kg (incl. Roll Holder Set, excl. ink and print head)	W x D x H Main unit with stand 1285 x 885 x 1041 mm (Basket Opened) 1285 x 756 x 1041 mm (Basket Closed) 77 kg (incl. Roll Holder Set, excl. ink and print head)
Packaged Dimensions and Weight	Printer (Main unit with pallet): 1152 x 913 x 914 mm, 105kg	Printer (Main unit with pallet): 1462 x 1122 x 769 mm, 124kg
WHAT'S INCLUDED		
What's in the Box?	Printer, Printer Stand, 1 Print head, Power Cable, 1 Set of starter ink tanks, 1 Roll holder (spool), 3" Paper Core Attachment, Installation Guide, Safety/Standard Environment leaflet, LFP Eur Address Sheet, Important Information Sheet, Printer Stand Setup Guide, Notice for PosterArtist WEB	
Software Included	Software available as Download from Web	
OPTIONS		
Optional Items	2"/3" Roll Holder: RH2-28 IC Card Reader Holder: RA-02 Desktop Basket: BU-07	2"/3" Roll Holder: RH2-35 IC Card Reader Holder: RA-02
CONSUMABLES		
User Replaceable Items	Ink Tank: MBK: PFI-323(300ml) / PFI-123(130ml) M:PFI-321(300ml) / PFI-121(130ml), BK/C/Y:PFI-320(300ml) / PFI-120(130ml) Print Head: PF-06 Cutter Blade: CT-08 Maintenance Cartridge: MC-31	

Footnote

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Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended.

FINE Full-photolithography Inkjet Nozzle Engineering

L-COA PRO II

PosterArtist

LUCIA TD ink

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