imagePROGRAF TM-255

PERFORMANCE REIMAGINED

Elevate printing experiences with enhanced productivity, intuitive functionality and professional image quality from a sustainable device. The 24" printer can seamlessly create accurate CAD prints with sharp lines and eye-catching marketing materials, designed for corporate and sizable AEC offices and the retail and education sector.

- **Professional printing quality**
  Use stable image enhancements to create sharp, crisp lines and new magenta ink for vivid red colour. As a result, you'll produce vivid and accurate CAD drawings, posters and educational materials

- **Enhanced productivity**
  Produce A1 CAD prints in just 20 seconds, or A1 posters in 22 seconds. Save time trimming excess margins with borderless prints of any sizes and easily meet higher print demand with larger ink tanks, quick processing time and a fast return from sleep mode

- **Intuitive functionality**
  Follow easy instructions and take in important information like media type, remaining media and ink amount on a 4.3" touch screen panel. Save time by setting roll paper with quick access through a flat-top cover

- **Improved sustainability**
  Environmentally conscious EPEAT Gold* rated device for low energy consumption, with power reduction during standby and packaging free from polystyrene foam. Less noise printing makes it ideal for quiet offices

*EPEAT Gold registered in the U.S.

Canon

TECHNICAL SPECIFICATIONS

imagePROGRAF TM-255

PRINTER TECHNOLOGY

Printer Type	5 Colours 24"
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 nozzles BK, C, M, Y: 2560 nozzles each
Line Accuracy	±0.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments.
Nozzle Pitch	1,200 dpi x 2 lines
Ink Droplet Size	minimum 5pl per colour
Ink Capacity	Bundled Starter Ink: 490ml (130ml for MBK, 90ml x 4 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: Windows 7, Windows 8.1, Windows 10 64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022 Apple Macintosh: macOS 10.15.7-macOS 13
Others supported job submission protocol	Apple AirPrint
Printer Languages	HP-GL/2, HP RTL, PDF (Ver. 1.7), JPEG (Ver. JFIF 1.02), CALS G4 (submission via FTP only)
Standard Interfaces	USB A Port: USB Memory (Direct Print) 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	128GB (Physcial memory 2GB) Expansion slot : No
Hard Drive	500GB (Encrypted)

PRINTING SPEED

CAD Drawing

Plain paper (A1)	0:20 (Fast Economy Mode) 0:23 (Fast) 0:40 (Standard)

Poster

Plain paper (A1)	0:22 (Fast Economy Mode) 0:25 (Fast) 0:44 (Standard)
Heavy coated paper (A1)	0:55 (Fast) 1:23 (Standard)

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: 203.2 - 610mm Cut sheet: 203.2 - 610mm
Media Thickness	Roll/Cut : 0.07mm - 0.8mm
Minimum Printable Length	Roll paper: 203.2mm Cut sheet: 279.4mm
Maximum Printable Length	Roll paper : 18m (varies according to the OS and application) Cut sheet : 1.6m
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: One 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", 300mm, 500mm, 600mm
	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
	Flat position: Plain paper 20 sheets on A2 landscape (exclude strong curled position)

POWER AND OPERATING REQUIREMENTS

Power Supply	AC 100-240V (50-60Hz)
Power Consumption	Operation: 64W or less
	Sleep mode: 2.2W or less
	Default setting for the time to enter the Sleep mode: Approx. 5 minutes
	Power off: 0.1W or less
Operating Environment	Temperature: 15-30°C, Humidity: 10-80% RH (no dew condensation)
Accoustic Noise (Power/Pressure)	Operation: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
Enviroment Certificates	CB certfication, EPEAT GOLD[1]

DIMENSIONS AND WEIGHT

Physical Dimensions and Weight	W x D x H
	Main unit with stand
	978 x 885 x 1060 mm (Operation panel is not tilted up/Basket Opened)
	978 x 756 x 1060 mm (Operation panel is not tilted up/Basket Closed)
	54.5 kg (including Roll Holder Set, excluding ink and print head)
Packaged Dimensions and Weight	Printer (Main unit with stand and pallet): 1152 x 913 x 946 mm, 96kg

WHAT'S INCLUDED

What's in the Box?	Printer, Printer Stand, 1 Print head, Power Cable, 1 Set of starter ink tanks, Installation Guide, Safety/Standard Environment leaflet, LFP Eur Address Sheet, Important Information Sheet, Stack 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 (Installed by): RA-02

CONSUMABLES

User Replaceable Items	Ink Tank: M:PFI-321(300ml) / PFI-121(130ml), MBK/BK/C/Y:PFI-320(300ml) / PFI-120(130ml)
	Print Head: PF-06 Cutter Blade: CT-08 Maintenance Cartridge: MC-31

Footnotes

[1] EPEAT Gold registered in the U.S.

Disclaimer

FINE
Full-photolithography Inkjet Nozzle Engineering

L-COA PRO II

PosterArtist

LUCIA TD ink

Canon