



## 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**

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# TECHNICAL SPECIFICATIONS

# imagePROGRAF™-255

## PRINTER TECHNOLOGY

<b>Printer Type</b>	5 Colours 24"
<b>Print Technology</b>	Canon Bubblejet on Demand 6 colours integrated type (6 chips per print head x 1 print head)
<b>Print Resolution</b>	2,400 x 1,200 dpi
<b>Number of Nozzles</b>	Total: 15360 nozzles MBK: 5120 nozzles BK, C, M, Y: 2560 nozzles each
<b>Line Accuracy</b>	±0.1% or less User adjustments necessary. Printing environment and media must match those used for the adjustments.
<b>Nozzle Pitch</b>	1,200 dpi x 2 lines
<b>Ink Droplet Size</b>	minimum 5pl per colour
<b>Ink Capacity</b>	Bundled Starter Ink: 490ml (130ml for MBK, 90ml x 4 for BK, C, M, Y) Sales Ink: 300/130ml (MBK, BK, C, M, Y)
<b>Ink Type</b>	Pigment inks : 5 colours MBK/BK/C/M/Y
<b>OS Compatibility</b>	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 Apple AirPrint
<b>Others supported job submission protocol</b>	
<b>Printer Languages</b>	HP-GL/2, HP RTL, PDF (Ver. 1.7), JPEG (Ver. JFIF 1.02), CALS G4 (submission via FTP only)
<b>Standard Interfaces</b>	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
<b>MEMORY</b>	
<b>Standard memory</b>	128GB (Physical memory 2GB) Expansion slot : No
<b>Hard Drive</b>	500GB (Encrypted)
<b>PRINTING SPEED</b>	
<b>CAD Drawing</b>	
<b>Plain paper (A1)</b>	0:20 (Fast Economy Mode) 0:23 (Fast) 0:40 (Standard)
<b>Poster</b>	
<b>Plain paper (A1)</b>	0:22 (Fast Economy Mode) 0:25 (Fast) 0:44 (Standard)
<b>Heavy coated paper (A1)</b>	0:55 (Fast) 1:23 (Standard)
<b>MEDIA HANDLING</b>	
<b>Media Feed and Output</b>	Roll Paper : One Roll, Upper-loading, Front Output Cut Sheet : Upper-loading, Front Output (Manual feed using media locking lever)
<b>Media Width</b>	Roll paper: 203.2 - 610mm Cut sheet: 203.2 - 610mm
<b>Media Thickness</b>	Roll/Cut : 0.07mm - 0.8mm
<b>Minimum Printable Length</b>	Roll paper: 203.2mm Cut sheet: 279.4mm
<b>Maximum Printable Length</b>	Roll paper : 18m (varies according to the OS and application) Cut sheet : 1.6m
<b>Maximum Media Roll Diameter</b>	150 mm
<b>Media Core Size</b>	Internal diameter of roll core: 2 1/3"
<b>Margins Recommended area</b>	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
<b>Margins Printable area</b>	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
<b>Media Feed Capacity</b>	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  
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)

## Maximum number of delivered prints

## 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)

### Acoustic 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

### Environment Certificates

CB certification, EPEAT GOLD<sup>1)</sup>

## 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

<sup>1)</sup> EPEAT Gold registered in the U.S.

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