


## imagePROGRAF TM-255 MFP Lm24

# PERFORMANCE REIMAGINED

**Elevate experiences with a sustainable 24” multifunction printer, with less noise operation, enhanced productivity and intuitive functionality to create professional quality prints with sharp, crisp lines and vivid red colour –perfect for eye-catching CAD drawings and marketing materials. Integrated scanning functionality with dedicated software boosts productivity, print and scan at speed for a more seamless workflow**

- **Integrated functionality**
  Print and scan seamlessly with an easy-to-use multi-tasking device, featuring a 3” touchscreen panel on the scanner and dedicated software, for parallel processing with printing and scanning simultaneously

- **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 size and easily meet high 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” touchscreen panel. Save time by setting roll paper with quick access through a flat-top cover

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# TECHNICAL SPECIFICATIONS

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| **SCANNER TECHNOLOGY** | |
| **Scan Technology** | Single Sensor with multiple LED Illumination |
| **Maximum Resolution (dpi)** | 600dpi |
| **Scan Speed** | COPY<br>300/300dpi Draft = 1ips colour, 4.5ips mono<br>300/600dpi Standard = 1ips colour, 3ips mono<br>600/600dpi Best = 0.5ips colour, 1.5ips mono<br><br>SCAN<br>200dpi Draft = 1ips colour, 4.5ips mono<br>300dpi Standard = 1 ips colour, 3 ips mono<br>600/600dpi Best = 0.5 ips colour, 1.5 ips mono |
| **Scan Modes** | Scan to USB - RGB/Greyscale/BW, TIFF (No ScanAppL)<br>Scan to USB - RGB/Greyscale/BW, JPG, PDF, PDF/A, M-PDF (ScanAppL available) Scan to PC - RGB/Greyscale/BW, Tiff, JPEG, PDF, PDF/A, Tiff G4, M-PDF Copy - RGB/Greyscale/BW Copy & Archive – (Combination of Copy and Scan to PC above).<br>Cloud connectivity is achieved by a link to Canon's Direct Print & Share. PRINT is achieved by using Canon's Direct Print & Share. |
| **Paper Path** | Face up, rear exit. Forward document transport only<br>Document return guide(s) included |
| **Maximum Scan Width** | 24" / 609.6mm |
| **Minimum Scan Width** | 6.2" / 157.4mm |
| **Maximum Document Width** | 26" / 660.4mm |
| **Maximum Scan Length** | 109" / 2768mm |
| **Document Thickness** | Designed to scan Canon iPF printer CAD paper<br>Min = 0.07mm<br>Max = 0.8mm |
| **Scan Accuracy** | Accuracy 0.2% +/-1 pixel |
| **Interface USB** | USB2, 128GB FAT32. |
| **Scan to Network** | ScanAppL - Sets scan directory.<br>Minimum PC specification: • Windows 10/11 - 32bit. • 100Mbs Ethernet. • Intel Celeron, Core-Duo, Core-2-Duo or 2.8GHz Hyper-Threading (HT) or AMD Dual-Core processors • 2GB RAM • High speed 7,200rpm Serial ATA (SATA) HDD with minimum 2GB for applications and 20GB free for images. |
| **Languages** | ScanAppL<br>English/French/German/Italian/Spanish/Simplified Chinese/Traditional Chinese/Korean/Russian/Portuguese/ Japanese/Czech/Polish |
| **Control Panel** | 3" touch screen display |
| **Weight of Scanner** | 5.28kg (11.6lbs) without Doc return guide |
| **Dimensions (W x D x L)** | Width: 935mm, Height 131mm<br>Depth:<br>Without Doc Return Guide - Paper tray folded: 146mm<br>Without Doc Return Guide - Paper Tray flat: 193mm<br>With Doc Return Guide - Paper tray folded: 206mm<br>With Doc Return Guide - Paper Tray flat: 253mm |
| **Compliances** | Europe : CE mark, Other countries : CB certification |
| **What's in the Box?** | Lm24 scanner<br>Printer mounting brackets, fixings & 3mm tool<br>2 feet for desktop use<br>2 paper edge guides<br>1 Document return guides<br>Calibration target<br>CD for ScanAppL software and PDF documentation:<br>Lm24 Scanner User Manual per language and Quick Start Guide.<br>Lm24 Scanner Quick Start Guide.<br>Ethernet cable (2 meter)<br>Power Supply<br>Regional - Mains power cord(s) (2 meter) |
| **PRINTER TECHNOLOGY** | |
| **Printer Type** | 5 Colours 24" |
| **Print Technology** | Canon Bubblejet on Demand 6 colours integrated type<br>(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<br>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<br>(130ml for MBK, 90mlx4 for BK, C, M, Y)<br>Sales Ink: 300 / 130ml (MBK, BK, C, M, Y) |
| **Ink Type** | Pigment inks : 5 colours MBK/BK/C/M/Y |
| **OS Compatibility** | 32 Bit: Windows7, Windows 8.1, Windows 10<br>64 Bit: Windows 7, Windows 8.1, Windows 10, Windows 11, Windows Server 2008R2, 2012, 2012R2, 2016, 2019, 2022<br>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<br>(Ver. JFIF 1.02), CALS G4 (submission via FTP only) |
| **Standard Interfaces** | USB A Port: USB Memory (Direct Print)<br>USB B Port: Hi-Speed USB<br>Ethernet: IEEE802.3ab(1000base-T), IEEE802.3u (100BASE-TX)/IEEE802.3 (10BASE-T)<br>Wireless LAN: IEEE802.11n/IEEE802.11g/IEEE802.11b |

*Please refer to user manual how to activate/deactivate the wireless LAN

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| **MEMORY** | |
| **Standard Memory** | 128GB (Physcial memory 2GB)<br>Expansion slot : No |
| **Hard Drive** | 500GB (Encrypted) |
| **PRINTING SPEED** | |
| **CAD Drawing** | |
| **Plain paper (A1):** | 0:20 (Fast Economy Mode)<br>0:23 (Fast)<br>0:40 (Standard) |
| **Poster** | |
| **Plain paper (A1):** | 0:22 (Fast Economy Mode)<br>0:25 (Fast)<br>0:44 (Standard) |
| **Heavy coated paper (A1)** | 0:55 (Fast)<br>1:23 (Standard) |
| **MEDIA HANDLING** | |
| **Media Feed and Output** | Roll Paper : One Roll, Upper-loading, Front Output<br>Cut Sheet : Upper-loading, Front Output<br>(Manual feed using media locking lever) |
| **Media Width** | Roll paper: 203.2 - 610mm<br>Cut sheet: 203.2 - 610mm |
| **Media Thickness** | Roll/Cut : 0.07mm - 0.8mm |
| **Minimum Printable Length** | Roll paper: 203.2mm<br>Cut sheet: 279.4mm |
| **Maximum Printable Length** | Roll paper : 18m<br>(varies according to the OS and application)<br>Cut sheet : 1.6m |
| **Maximum Media Roll Diameter** | 150mm |
| **Media Core Size** | Internal diameter of roll core: 2"/3" |
| **Margins Recommended Area** | Roll paper: Top: 20mm, Bottom: 3mm, Side: 3mm<br>Cut sheet (AppleAirPrint): Top: 20mm, Bottom: 31mm, Side: 3mm<br>Cut sheet (Others): Top: 20mm, Bottom:20mm, Side:3mm |
| **Margins Printable Area** | Roll paper: Top: 3mm, Bottom: 3mm, Side: 3mm<br>Roll paper (borderless): Top: 0mm, Bottom: 0mm,Side: 0mm<br>Cut sheet (AppleAirPrint): Top: 3mm, Bottom: 12.7mm, Side: 3mm<br>Cut sheet (Others): Top: 3mm, Bottom: 20mm, Side: 3mm |
| **Media Feed Capacity** | Roll Paper: One roll<br>Cut Sheet: 1 sheet |
| **Borderless Printing Width (Roll Only)** | [Recommended] 515mm(JIS B2), 594mm (ISO A1), 10", 14", 17", 24"<br><br>[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<br>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<br>Folding position: Plain paper 20 sheets on A1 portrait<br>Flat position: Plain paper 20 sheets on A2 landscape<br>(exclude strong curled position) |
| **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<br>IC Card Reader Holder: 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)<br><br>Print Head: PF-06<br>Cutter Blade: CT-08<br>Maintenance Cartridge: MC-31 |

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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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