

SCAN, COPY & PRINT  
AT ANY SIZE

imagePROGRAF MFP



Canon

*no one sees print like you*



# INTRODUCING THE *NEW* 36” AND 44” IMAGEPROGRAF MFP

Designed for the AEC, CAD and GIS technical document markets, the 36” and 44” imagePROGRAF MFP large format solutions help unlock the full potential of your productivity.

This complete workflow solution provides a fast and effective system for copying, archiving, and distributing maps, drawings, renderings, site and facilities management plans, design and layout proofs, posters, and more.

## FEATURES

- This complete workflow solution includes a large-format printer, scanner, stand, computer, and touch-screen.
- Customise your system and choose from 4 models – The compact 36” iPF780/iPF785 or the 44” iPF825/iPF815 for maximum versatility.
- CIS (Contact Image Sensor) Scanning Technology for incredible line definition and accuracy.
- 40” wide scan width with maximum achievable scan speeds of up to 32cm per second for monochrome plain paper documents.
- Dedicated PC with touch screen monitor.
- Scan to print, scan to email, scan to a cloud server or to PDF, JPEG and TIFF file formats.
- Live Preview to edit colours, crop, deskew and other corrections before you print.



# IMAGEPROGRAF MULTI-FUNCTION PRINTER

## ADVANTAGES

Capture super sharp prints and crisp lines with cutting-edge imaging technologies.



iPF825 MFP printer & scanner.

### VERSATILITY

A large-format system designed for maximum versatility. Choose from a 44" large-format system or a 36" printer for high-speed printing of A0 sized drawings with a reduced footprint. The imagePROGRAF MFP scanner can feed documents up to 41" wide (40" image width) and its unique paper path returns documents to the front, allowing for a space-saving design with front-accessible operation for flush wall installation. With a large, simple-to-use touch-screen interface, one-touch scanning/copying has never been easier.

### MAXIMUM PRODUCTIVITY

Whether it's construction plans, drawings, maps, or business presentations, speed is critical when deadlines are tight. The imagePROGRAF MFP is a powerful production tool for many environments, allowing you to scan up to 32cm per second for monochrome and up to 7.5cm per second for colour. Engineered for high-volume printing, Canon's advanced system architecture and 1" FINE print-head with 15,360 nozzles achieve outstanding print speeds.

### HIGH-PRECISION SCANNING

The imagePROGRAF MFP uses CIS technology to capture the finest image detail in technical documents, maps, sketches, hand-annotated drawings, and complex schematics. With true 600-dpi optical resolution, achieve exceptional monochrome performance with very sharp, clean, black and white images and high-definition colour reproduction. Dynamic preview ensures that scans and copies match original hard copy documents every time.

### HIGH-QUALITY OUTPUT

Print complex schematics with superclear small text fonts and crisp lines over colour backgrounds, even on uncoated papers. Canon's super high density FINE print-head ejects tiny 4 picoliter droplets of ink that consistently produce 2400 x 1200 dpi output with fine lines within +/- 0.10% accuracy and as thin as 0.02mm. And Canon's unique 5-colour Reactive ink set delivers durable, smudge-resistant prints with sharp lines and text, bold colours, and smooth fills.

### ADVANCED SOFTWARE

A solution isn't just hardware. SmartWorks MFP gives you all the tools you need to quickly and easily scan large format technical documents to copy/file/e-mail. With a simple-to-use interface and unique scan-it-once ability, SmartWorks MFP allows for efficient batch scanning and ensures that top quality scanned images are produced in the least amount of time.

Scan drawings, share documents, make last minute changes, and meet critical deadlines. A fast and effective large format, capture-to-output solution, the imagePROGRAF MFP keeps projects moving forward, helping you be more productive than ever before.

The latest version of SmartWorksMFP also allows you to scan to a cloud based server for easy distribution and storage. Combined with Canon's unique Direct Print and Share (DPS) you can upload, download and print with minimum input from the user.

With four lines of imagePROGRAF solutions available, Canon has the answer for your large format needs.

<b>Scan width (inches)</b>	▶ 40" (101.6cm)	<b>Colour space</b>	▶ sRGB (with SmartWorks MFP)
<b>Document width (inches)</b>	▶ 42" (106.7cm)	<b>Colour image processing</b>	▶ Gamma, brightness, black & white point adjustment
<b>Body width (inches)</b>	▶ 49.2" (124.9cm)	<b>Media transport system</b>	▶ Straight media path with front entry, rear exit or rewind to front ▶ Single driven document hold-up roller ▶ Intuitive image up scanning with centre or side document alignment ▶ Magnetic media guide to assist in high volume document scanning workflows ▶ Automatic Size Finder (ASF) with media width displayed on control panel
<b>Body depth (inches)</b>	▶ 14.4" (36.6cm)	<b>SingleSensor digital imaging technology</b>	▶ SingleSensor is a full width straight-line contact image sensor of 50,400 pixels; a Colortrac invention - patent pending. Bi-directional long-life LED light system for optimum object illumination and instant-on scanning capability ▶ 48-bit primary point colour image capture ▶ 16-bit primary point greyscale image capture ▶ Panchromatic Black & White
<b>Body height (inches)</b>	▶ 7.3" (18.5cm)	<b>Scanner operation &amp; status</b>	▶ Centre-lid mounted control panel with LCD media width display for auto size finder with start, stop, forward and rewind buttons ▶ Scanner status indicator LED (green, amber, red)
<b>Weight</b>	▶ 25Kg	<b>Scan Accuracy</b>	▶ +/-0.1% +/-1 pixel (The achieved scan accuracy may vary depending on the operating environment and the type & thickness of media).
<b>CIS Configuration</b>	▶ SingleSensor	<b>Scanner optics &amp; calibration</b>	▶ Chemically treated, scratch resistant, anti-Newton ring (AG) scan glass ▶ Automatic SingleSensor calibration. The SingleSensor is colour calibrated and accurately aligned to within +/- 0.5 pixel during manufacture. If the scanner is used in a stable, general office environment, scanner calibration and / or alignment may only occasionally be required. Operation in mobile, dusty or variable temperature environments may require more frequent scanner maintenance.
<b>Illumination</b>	▶ Full width dual LED illumination	<b>Interface</b>	▶ SuperSpeed USB3 with 3 metre USB3 cable (PC connector compatible with USB2 and USB3 sockets) ▶ Local power cable
<b>Image quality</b>	▶ Better	<b>Power requirements &amp; consumption</b>	▶ External power supply 100~240VAC autosensing +/-10%, 50~60Hz ▶ Scanner power consumption 53W (scanning), 5W (standby) @ 110V/240V
<b>Stitch performance</b>	▶ Set in manufacturing (3)	<b>Environmental/ Approvals</b>	▶ ENERGY STAR qualified and RoHS compliant. CE, FCC, VCCI, UL, CB, CCC certification.
<b>Front/rear exit</b>	▶ Rear (front eject)	<b>Operating conditions</b>	▶ 100C – 350C, 35% - 80% RH non-condensing
<b>Document handling - Face up/down</b>	▶ UP	<b>Stands</b>	▶ Stand can be mounted integral to the printer or as standalone on its own feet. Scanner tilted towards user. PC and flat screen VESA mounting kit. Screen can be mounted left or right and on a pole or swing arm. ▶ Paper Return Guide – curved fitment to redirect flexible scanned documents forward to operator. Can be lifted off when not required or for scanning thick or non-flexible media.
<b>Document thickness</b>	▶ 2.0mm(1)		
<b>Paper path</b>	▶ Flat		
<b>Optical Resolution (dpi)</b>	▶ 1200		
<b>Scan speed (cm/sec) 8-bit grayscale &amp; mono @200dpi (2)</b>	▶ 32.5		
<b>Scan speed (cm/sec) 24-bit color @200dpi (2)</b>	▶ 7.5		
<b>Interface USB</b>	▶ 3.0 (backward compatible to USB2)		
<b>Control panel</b>	▶ Start/Stop, Advance/rewind, ASF (Auto Size Finder) read out		
<b>Branding/Colour</b>	▶ None / Canon black		
<b>Software (included)</b>	▶ SmartWorks MFP V3.5		
<b>OS</b>	▶ Win7 only (32/64 bit)		
<b>Software (optional)</b>	▶ smartWorks V3.5 PLUS		
<b>Stand</b>	▶ Unique Canon MFP		
<b>Packaging</b>	▶ Bundled stand and scanner		
<b>Monitor included</b>	▶ Yes		
<b>Scan modes</b>	▶ 16.7 million colour RGB (24-bit) ▶ 256 colour RGB adaptive indexed colour palette (8-bit) ▶ 256 level greyscale (8-bit) ▶ Black & White (1-bit)		
<b>Digital image processing</b>	▶ 2D Intelligent Adaptive Thresholding (IAT) (1-bit mode) ▶ Fixed Threshold Black & White (1-bit mode) ▶ SmartWorks MFP provides additional 'post scan' image processing filters & tools		

Model	iPF825	iPF815	iPF785	iPF780
<b>Printer Type</b>	5-Colour 44-inch Dual Roll	5-Colour 44-inch	5-Colour 36-inch	
<b>Print Speed</b>	64sq m/hr		75sq m/hr	
<b>Print Head</b>	1.07" FINE (Photolithography Ink-jet Nozzle Engineering)			
<b>Number of Nozzles</b>	15,360			
<b>Max Resolution</b>	2400 x 1200 dpi			
<b>Minimum Line Width</b>	0.02mm			
<b>Ink Droplet</b>	4 picoliter			
<b>Colour Set</b>	Dye: Cyan, Magenta, Yellow, Black; Pigment: Matte Black			
<b>Ink Cartridges Capacity</b>	700ml/330ml		130/300ml	
<b>Memory</b>	32 GB dedicated file processing memory (384MB Physical DRAM)			384MB
<b>Hard Drive</b>	160GB		320GB	No
<b>Languages</b>	GARO (Canon Proprietary); HP-GL/2; HP RTL			

**What's in the box?**

- ▶ imagePROGRAF Printer
- ▶ M40 Scanner
- ▶ All relevant stands
- ▶ Computer - Win 7
- ▶ 22" touchscreen monitor
- ▶ User and operation guides
- ▶ Power Cords and connection cables for printer and scanner to supplied PC

\* 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.



**Contact details:**

Australia: call 1800 444 199 or visit [canon.com.au](http://canon.com.au)

New Zealand: call 0800 222 666 or visit [canon.co.nz](http://canon.co.nz)

