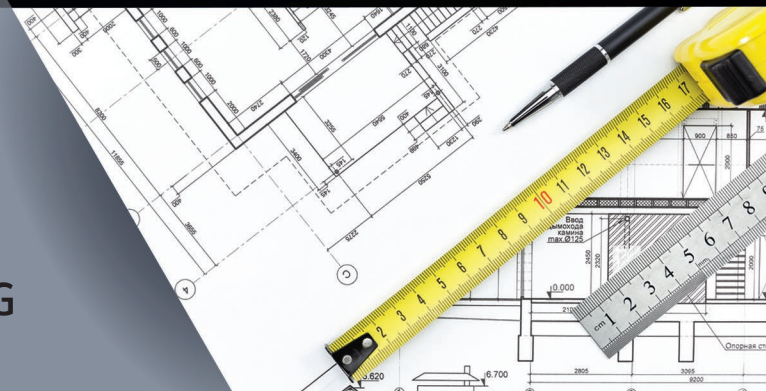
Canon
SEE IMPOSSIBLE

imagePROGRAF
iPF770 MFP L36e/iPF670 MFP L24e

SCAN-TO-COPY/FILE/CLOUD

TECHNICAL DOCUMENTS

MFP LARGE-FORMAT IMAGING



Introducing the new, entry-level Multifunction Printers: imagePROGRAF iPF770 MFP L36e and iPF670 MFP L24e Large-Format MFP systems

Affordable and easy-to-use, scan-to-copy/file/cloud Multifunction Printer (MFP) solutions

Designed for the low-volume and entry-level user, these MFPs offer easy-to-use, scan-to-copy/file/cloud solutions for architects, engineers, consulting firms, small offices, and K-12 schools that require a minimal learning curve when it comes to new equipment.

FEATURES

Scanner

- The 36-inch L36e scanner weighs approx. 14.5 lb. and the 24-inch L24e scanner weighs approx. 11.6 lb.; both are lightweight and compact
- New easy-to-use touchscreen with easy-to-identify picture identification functions
- SingleSensor Scanning Technology

Simple Operation

- "Green Button" scan-to-copy functionality
- No PC required

Easy Installation

- Scanner is easily integrated with the printer
- Compact MFP takes up minimal office space

Printer

- iPF670 24-inch and iPF770 36-inch models
- 5-color dye/pigment reactive ink set

imagePROGRAF

At a low cost, small office environments and schools can now purchase an MFP.

SCANNER

These scanners, utilizing SingleSensor Technology,* have simple, integrated control panels that allow users to operate the scanner with a simple push of a button. This technology helps provide consistent and better color accuracy with more detail in the shadows and highlights than a staggered CIS array scanner.

- Scan-to-Copy
  - Three quality modes: Draft, Standard, and Best
  - Settings include Auto Crop Borders, number of copies, Brightness, Black Point, and White Point
  - Optical resolution of up to 600 dpi
  - Media thickness up to .5 mm
  - Scan single documents into a multipage PDF
- Scan-to-USB Thumb Drive
  - TIFF file format
  - TIFF, JPEG, PDF, and Multipage PDF files formats (via ScanApp Le)
- Scan-to-ScanApp Le (PC only)**
  - TIFF, JPEG, PDF, and Multipage PDF file formats

PRINTER

The iPF770 MFP L36e and iPF670 MPF L24e include a 36" and 24" scanner and printer, respectively. Both feature a 5-Color dye/pigment reactive ink system, 130 ml ink tanks, Economy Print mode, and a Sub-Ink Tank System.

SOFTWARE AVAILABLE

imagePROGRAF Print Utility:† This iOS-based app allows users to print PDF files wirelessly, directly from an iPad® to an imagePROGRAF printer.

Direct Print & Share:†† Canon's cloud portal solution allows for the sharing and batch printing of JPEG, TIFF, PDF, and HP-GL/2 files from almost anywhere in the world. Shortcut printing capability has been added for drag-and-drop printing as well as scan-to-cloud capabilities.

PosterArtist Lite: Poster creation software gives you all the tools needed to design and output impressive, large-format signs and banners (PC only).

Print Plug-in for Microsoft® Office: Allows for users of any skill level to print posters or banners directly from Microsoft Excel®, PowerPoint®, and Word.

Accounting Manager: This management tool easily helps track costs and allocate consumable expenses to projects. It also allows you to track print jobs by user to calculate ink and media (PC only).

iPF670 MFP L24e

iPF770 MFP L36e

* SingleSensor Technology Assembly means that multiple sensors are contained in one assembly device.

** Minimum PC specification: Windows 7/8 - 32-bit/Intel Celeron, Core-Duo, Core-2-Duo or 2.8 GHz Hyper-Threading (HT) or AMD Dual-Core processors/2 GB RAM/High speed 7,200rpm Serial ATA (SATA) HDD with minimum 2 GB for applications and 20 GB free for images.

† Available on App Store℠. Compatible with iPad 2 or later, running iOS 6.1 or later. Data charges may apply. Printed output will be same size as original file. Mobile device and large-format printer must utilize the same network. Printer must be connected to the same router that mobile device is connected to via wireless capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients. In order to print from imagePROGRAF Print Utility, user must open their PDF file in another, supported iPad app. Then, the user would select "Open in" and choose the print utility app.

†† Direct Print & Share comes embedded with the imagePROGRAF iPF770 MFP L36e and iPF670 MFP L24e large-format printers, and is also available as a free download at http://usa.canon.com/downloads. You must sign up for the Google™ service separately. This service is subject to Google's terms and conditions. Based on Google's current services. Subject to change at Google's discretion.

SPECIFICATIONS

imagePROGRAF
iPF770 MFP L36e/iPF670 MFP L24e

PRINTER

Print Head
PF-04

Technology
FINE (Photolithography Inkjet Nozzle Engineering)

Print Resolution (Max.)
2400 x 1200 dpi

Line Accuracy*
±0.1% or Less

Minimum Line Weight**
0.02 mm

Number of Nozzles
Matte Black: 5,120 Nozzles
Other Colors: 2,560 Nozzles per Color

Droplet Size
4 Picoliter

Nozzle Pitch (Head Resolution)
1200 dpi x Two Rows

Print Head Swath
1.07 inch

Ink Type
Dye: Cyan (C), Magenta (M), Yellow (Y), Black (BK)
Pigment: Matte Black (MBK)

Ink Tank
PFI-107: C, M, Y, BK, MBK

Ink Tank Capacity
Starter: 90 ml
Replacement: 130 ml

Ink Supply Method
Tubing System with Sub-ink Tanks for Continuous Ink Supply

Media Thickness
0.07 – 0.8 mm (2.8 – 31.4 mil)

Media Core Sizes
2" and 3" Core (Adapter Included)

Maximum Roll Outer Diameter
5.9" (150 mm)

Output Media Bin
Basket

Printing Software
imagePROGRAF Printer Driver for Windows®/Mac®, Printer Driver Extra Kit for Windows/Mac [Free Layout, Color imageRUNNER® Enlargement Copy (PC only), Advanced Preview], Print Plug-in for Microsoft Office (PC only), Optimized Module for AutoCad® for Windows, Direct Print & Share (PC only), Status Monitor for Windows, Print Monitor for Mac, Media Configuration Tool, PosterArtist Lite for Windows

Operating System
Windows XP (32-bit), Server 2003 (32/64-bit), Server 2008 (32/64-bit), Server 2012, (64-bit), Windows Vista® (32/64-bit), Windows 7 (32/64-bit), Windows 10 (32/64-bit), Macintosh OS X 10.6.8-10X

Print Language
GARO (Canon Proprietary), HP-GL/2, HP RTL

Interface
USB 2.0 Hi-Speed, 10/100/1000Base-T/TX

Power Supply
AC 100–240V (50-60Hz)

Power Consumption
Maximum: 140 W or Less
Standby: 5 W or Less
Power Off: 1 W or Less (Executive Order Compliant)

Certifications
Electrical Safety Regulations
TUV (USA), cTUV (USA), TUV.S mark, CB certification (Others)
Electromagnetic Interface Regulations
FCC Class B (USA), IC Class B (Canada)
Environmental Certifications
ENERGY STAR® (Worldwide)
RoHS Directive

Operational Environment
Temperature: 59 – 86 °F (15 – 30 °C)
Relative Humidity: 10 – 80% (No Condensation)

Dimensions (H × W × D) and Weight with Stand, Basket and Scanner
iPF770
52" x 51" x 34" (ST-33: with basket open)
Weight: 155.2 lb. (ST-33, roll holder included, no inks, no print heads)
iPF670
52"x 39"x 34" (ST-26: with basket open)
Weight: 128.2 lb. (ST-26, roll holder included, no inks, no print heads)

Options
PosterArtist
iPF770: Roll Holder Set (RH2-33)
iPF670: Roll Holder Set (RH2-26)

User-Replaceable Items
Ink Tank (PFI-107 MBK, BK, C, M, Y)
Print Head (PF-04)
Maintenance Cartridge (MC-10)

Le SERIES SCANNER

Scan Speed***
24-bit Full Color @ 200 dpi: 1" (per second)
8-bit Grayscale and Monochrome @ 200 dpi: 3" (per second)

Scan Modes
16.7-million Color RGB (24-bit)
256-level Grayscale (8-bit)
Black and White (1-bit)

Color Space
Normalized RGB

Resolution
600 dpi (optical)

Scan Accuracy†
+/- 0.2%

Maximum Image Width
L24e: 24"; **L36e**: 36"

Maximum Media Width
L24e: 26"; **L36e**: 38"

Maximum Scan Length
109"

Maximum Media Thickness
0.020" (.5 mm)

Digital Imaging Technology
Contact Image Sensor (CIS) Technology (SingleSensor Technology Assembly)
- Full width SingleSensor CIS Assembly
- 24-bit RGB digital color image capture
- 8-bit grayscale image capture
- Panchromatic monochrome and black and white
- Bi-directional extra long-life LED light system for optimum object illumination and instant-on scanning capability

Scanner Interface
Scan to USB - USB2 interface
(Flash drive max. size = 128 GB - FAT32)
Copy/Scan to Network - Ethernet interface
(>1 GB Ethernet connection for network configuration)

Operating Environments
10 – 35°C, 35-80% RH, Non-condensing

External Power Supply
100-240 VAC Autosensing +/- 10%, 50-60 Hz

Scanner Power Consumption
- 11.7 W (Scanning)
- .06 W (Standby)

Compliances
CB, CE, FCC, UL, ENERGY STAR®, ICES-003, CUL, S Mark

Dimensions (with Paper Tray Extended)
Height: L24e, 5.2" / L36e, 5.2"
Width: L24e, 36.8" / L36e, 48.7"
Depth: L24e, 9.96" / L36e, 9.96"

Stand and Scanner Weight
L24e: Approx. 11.6 lb.
L36e: Approx.14.5 lb.

What's In The Box?
- Le Scanner with Power Cord
- 2 Meter Ethernet Cable
- 2 Mounting Brackets
- CD for ScanApp Le Software
- Le Scanner Guide
- Document Return Guide
- Calibration Target
- Feet for Desktop Use
- Two Paper Edge Guides and Paper Refeed Preventers

* Line accuracy repeatability is guaranteed after a user performs necessary adjustment and under the same environmental conditions. Applies to media for line drawing (Plain Paper, Coated Paper, CAD Translucent Matte Film, and CAD Tracing Paper) only.

** Theoretical value based on data resolution.

*** The scan rate is proportional across the full range of resolutions supported by the scanner. 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.

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L-COA
FINE Full-photolithography Inkjet Nozzle Engineering
CANON GENUINE TONER, CARTRIDGE & PARTS
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