MULTIFUNCTIONAL CAPABILITIES AT AN ACCESSIBLE **PRICE**

IMAGEPROGRAF IPF670MFP L24



Introducing the new, entry-level imagePROGRAF iPF670MFP L24 for printing, scanning and copying your CAD applications.

Designed for low-volume users, the iPF670MFP L24 offers a system that has a low learning curve. Allowing you to scan to copy or scan to file for documents up to 24” (A1) size.

Scan to your network, to a USB memory stick or scan to copy, based on your requirements.

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Canon

No one does it like you

No PC required

Simple operation is managed by the simple colour interface

Direct Print & Share

Canon propriety utility to allow sharing and printing of documents with minimal training and user experience

Scan directly to USB

Plug USB directly into the scanner with ease

Sub-ink tank system

Ink can be changed without interrupting a print job

Accounting Manager

Software helps keep track of printing costs

At a glance

- 24” (A1) printing width
- 24” scanning width
- 2400 x 1200dpi printing
- Min line width 0.02mm
- 4pl ink droplet
- Borderless printing
- Accurate scalable copies





imagePROGRAF iPF670MFP L24

Printer Specifications

Item	Specification
Model	iPF670
Class	24-inch
Ink Type	Dye and pigment reactive ink
Maximum Print Resolution	2,400 x 1,200dpi
Dimensions, Weight (Net) W x D x H (mm), (Kg)	
Main unit + Printer Stand ST-26 (with a basket open)	(W)997 x (D)870 x (H)1062mm (ST-26: When with basket open). Weight: 52.5kg (ST-26, roll holder included, no inks, no print heads)
Main unit + Printer Stand ST-27 (with a basket open)	(W)997 x (D)887 x (H)1062mm (ST-27:When with basket open). (W)997 x (D)1100 x (H)1062mm (ST-27:When a basket is at the extended position for flatbed stacking). Weight: 53.7kg (ST-27, roll holder included, no inks, no print heads)
Main unit (with a basket open)	(W)997 × (D)698) × (H)507mm. Weight: approx. 174kg
Dimensions, Weight (Packaged) W x D x H (mm), (Kg)	
Main unit (with a palette included)	(W)1127 x (D)830 x (H)773mm, Weight:72.0kg
Printer Stand(ST-27)	(W)1083 x (D)766 x (H)350mm, Weight: 19.0kg
Power Supply	
Input power	AC 100 - 240 V (50-60 Hz)
Operation Power consumption	140W or less
Standby power consumption (At the low power mode)	5W or less
Default setting for the time to enter the Sleep mode	Approx. 5min
Power off (standby)	0.5W or less
Operational Environment	
Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)	
Acoustic Noise	
Acoustic pressure	Operation: approx. 47 dB (A) (Plain paper, Standard printing mode, Line Drawing/Text) Standby: 35 dB (A) or less Measured in the above conditions, based on ISO 7779
Acoustic power (LWA ₄)	Operation: approx. 6.4 Bels (Plain paper, Standard printing mode, Line Drawing/Text). Measured in the above conditions, based on ISO 7779
Minimal Line Width	
0.02mm (Theoretical value)	
Line Accuracy	
±0.1 % or less User adjustments necessary. Printing environment and media must match those used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only	
Detector and Adjustment	
Registration adjustment	Automatic / Manual
Banding adjustment (Line Feed adjustment)	Automatic / Manual
Line length adjustment	Manual
Head slant adjustment	Automatic / Manual
Colour calibration	No
Head gap adjustment	Automatic / Manual (6 levels)
Non-firing detection	Yes
Non-firing compensation	Yes
Roll media remaining detection function	Yes
Memory	
Standard memory	256 Mbyte
Expansion slot	No
Firmware	
Languages - Printer Language	GARO (Graphic Arts language with Raster Operations), HP-GL/2, HP RTL
Languages - Job Control	CPCA
Languages - Status Reply	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
Type	Flash ROM
Update	Updated from USB, Ethernet port (Utility use)
Operation Panel	
Display	Large LCD: 160 x 128 dots; Key x 13, LED x 5
Language on operation panel	US-English, Japanese
Languages	US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Russian, Brazilian portuguese language, Japanese (Kanji)
Hard Disk Drive	
No	
Interface	
USB - Type	Built-in
USB - Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
USB - Connector Type	Series B (4 pins)
Ethernet - Type	Built-in
Ethernet - Standard	IEEE 802.3 10base-T, IEEE 802.3u 100base-TX / Auto-Negotiation, IEEE 802.3ab 1000base-T / Auto-Negotiation, IEEE 802.3x Full Duplex, IEEE 802.3az EEE
Ethernet - Protocol	SNMP (Canon-MIB supported), HTTP, TCP/IP (IPv4/IPv6)

Expansion Slot	
No	
Cutter	
Type	Standard: Automatic horizontal cutting (Rotary cutter)
Media Handling	
Media Feed and Output - Roll Paper	One Roll, top loading, front output
Media Feed and Output - Cut sheet	Top-feeding, font output (Manual feed using media locking lever)
Media Feed and Output - Paper path switch (roll/cut sheet)	Manually switchable by user
Delivery direction	Face-up, front side
Maximum stacking number of delivered prints	1 sheet: In case of the regular basket position. Approx. 20 sheets: In case the basket is at the extended positions. (Except for the cases where delivered prints are rolled in because of environmental impact and media curls.)
Types of media stackable on the extended basket	Plain Paper / Universal Bond Paper / Canon Premium Plain Paper 80
Usage environment of the extended basket /Image	At normal temperature and normal humidity (15°C 30% - 30°C 60%) / Image: Line drawing (images equivalent to the Cottage.)
Sizes of media stackable on the extended basket	Extended position A:A1 portrait or Width 24" x Length 36". Extended position B (Flatbed stacking): A2 landscape or Width 24" x Length 18" where delivered prints are rolled in because of environmental impact and media curls.)
Media Thickness - Roll paper	0.07 - 0.8mm
Media Thickness - Cut sheet	0.07 - 0.8mm
Max. Outside Diameter of Roll Paper	150mm or less
Media Core Size	Internal diameter of roll core: 2" / 3"
Media Width - Roll paper	254 (10") - 609.6 (24")mm
Media Width - Cut sheet	203.2 (8") - 609.6 (24")mm
Min. Regular Format Size (Vertical) - Roll Paper	203.2mm (8")
Min. Regular Format Size (Vertical) - Cut Sheet	279.4 mm (11") Letter size (long side)
Max. Printable Paper Length - Roll Paper	18m (Varies according to the OS and application)
Max. Printable Paper Length - Cut sheet	1.6m (Varies according to the OS and application)
Margins Recommended area - Roll paper	Top: 20mm, Bottom: 5mm, Left and Right: 5mm
Margins Recommended area - Cut sheet	Top: 20mm, Bottom: 23mm, Left and Right: 5mm
Margins Printable area - Roll paper	Top: 3mm, Bottom: 3mm, Left and Right: 3mm
Margins Printable area - Roll paper (borderless printing)	Top: 0mm, Bottom: 0mm, Left and Right: 0mm
Margins Printable area - Cut sheet	Top: 3mm, Bottom: 23mm, Left and Right: 3mm
Borderless Printing - Media width	10" (254mm), B4 (257mm), A3 (297mm), Banner (300mm), 14" (356mm), A2 (420mm), A2+/17" (432mm), B2 (515mm), A1 (594mm), 24" (610mm)

Regulations	Electrical safety regulations	Electromagnetic interface regulations
Australia	RCM	RCM
New Zealand		RCM
Environment certifications		
ENERGY STAR, RoHS directive		
Option		
Roll Holder Set (for both 2-inch and 3-inch core roll media)		RH2-26
Stand / Basket		ST-27
Consumables		
Print Head - Model		PF-04
Print Head - Type		Bubble-jet on demand
Print Head - Head configuration		6 colours integrated type (6 chips per print head x 1 print head)
Print Head - Nozzle pitch		600dpi x 2 lines = 1200dpi
Print Head - Nozzle per chip		MBK: 5, 120 nozzles, each other colour: 2,560 nozzles
Print Head - Droplet size		minimum 4pl (per colour)
Print Head - Head replacement		User replacement
Ink Tank - Model		PFI-107
Ink Tank - Supply		Tubing system (supplies ink from independent ink tanks set in the printer through tubes)
Ink Tank - Colours		Matte Black, Black, Yellow, Cyan, Magenta
Ink Tank - Capacity - Bundled		90 ml per colour
Ink Tank - Capacity - Sales		130 ml per colour
Ink Tank - Level detection		Detected by dot count and electrode (Empty)
Ink Tank - Smart chip		Each ink tank is equipped with EEPROM which stores its ink level.

Scanner Specification Comparison*

Canon L series MFP Scanner	
Name	L 24
Models (All regions)	L MFP scanner to be able to print to iPF670 ONLY
Scan Technology	SingleSensor with multiple LED illumination
Optical Resolution (dpi)	600dpi.
Resolutions for SCAN mode	200/400/600dpi
Resolutions for COPY mode (scan/print)	300/300, 300/600, 600/600dpi
Paper path	Face up, rear exit. Forward document transport only. Document return guide included. (1 for L 24, 3 for L 36)
Scan width (inches)	24”
Min scan width	16cm (6.2”)
Document width (inches)	26”
Max scan length	2768mm (109”)
Weight of scanner	6.88kgwithout Doc return guide, 7.37kg with.
Dimensions W(mm) x D(m) x L(mm)	With Doc Return Guide - Paper tray folded: 1238 x 146 x 131 With Doc Return Guide - Paper Tray flat: 1238 x 193 x 131 Without Doc Return Guide - Paper tray folded: 1238 x 206 x 131 Without Doc Return Guide - Paper Tray flat: 1238 x 253 x 131
Max & Min Document thickness	Designed to scan Canon iPF printer CAD paper. Min = 0.07mm Max = 0.5mm
Scan accuracy	Accuracy +/- 0.2%
Power Supply	External PSU: Input: 100 - 240V, 50-60Hz Output: 3.42A at 19V.
Max Power consumption	Standby (sleep): 0.05W Idle: 10.20W Scanning: 19.40
Compliances	Energy Star Australia/C-Tick
Max scan speed (mm/sec)	**COPY** 300/300dpi Draft = 25.4mm/sec colour, 76.2mm/sec mono 300/600dpi Standard = 25.4mm/sec colour, 76.2mm/sec mono 600/600dpi Best = 12.7mm/sec colour, 38.1mm/sec mono **SCAN** 200dpi Draft = 25.4mm/sec colour, 76.2mm/sec mono 400dpi Standard = 25.4mm/sec colour, 76.2mm/sec mono 600dpi Best = 8.4mm/sec colour, 25.4mm/sec mono
Scan to USB	USB2, 128GB FAT32.
Scan to Network - L Scan App	GB Ethernet. L Scan App - Sets scan directory and file type. Minimum PC specification: • Windows 7/8 - 32bit. • 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 Suggested PC specification: • Windows 7/8 - 64bit. • Intel i3,i5 or i7 processors • 4GB RAM • SATA 6.0Gbit/sec USB3 on the motherboard and SATA 6.0Gbit 7,200 rpm HDD controller.
Modes	Scan to USB - RGB/Greyscale, TIFF Scan to Network - RGB/Greyscale/BW, Tiff, Jpeg, PDG, TiffG4 Copy Cloud connectivity is achieved by using Canon’s Direct Print & Share as a separate process. Same for PRINT.
Control Panel UI	3” display (non touch). Home, Left, OK, right, Start, stop, back, paper eject buttons. Status LED
Languages for L Scan App	English/French/German/Italian/Spanish/Simplified Chinese/Traditional Chinese/Korean/Russian/Portuguese/Japanese/Czech/Polish
Environment	Temp: 10-35C Humidity: 10-90%
Acoustic noise	L36 - 50.6dB gray scan L24 - 48.4dB gray scan



Scanner Disclaimer
Tightly curled documents should be flattened as best as possible and the user should guide the document while it feeds through the scanner to prevent the original re-entering the scanner.
SCAN to USB & COPY mode scan to internal memory first, then send data to the USB stick or the printer. Scan time to USB stick will varying depending with individual USB sticks.
SCAN to Network PC scans directly to the network, so the PC should be of a suitable specification to handle the large amounts of data from large format scans.
Only 1 copy of the L Scan App should be running on the network subnet with the scanner. It is not possible to select the PC from the scanner.
Only 1 of the supported printers should be on the network subnet with the scanner. It is not possible to select the printer from the scanner.

Canon

canon.com.au/business
1800 444 199

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