

Specifications for imagePROGRAF iPF8410S



Model	Canon Large Format Printer iPF8410S	
Class	44"	
Ink Type	Pigment inks; LUCIA EX; 8 colours: BK / MBK / C / M / Y / PC / PM / GY	
Maximum print resolution	2,400 x 1,200 dpi	
Installation	User installation	
Product Durability	25,000 sheets of A0-size (No maintenance) 70,000 sheets of A0-size (with periodical parts replacement) Printing conditions: each colour 16 % duty, glossy photo paper, standard printing mode	
Printer Stand	Type	Assembly type
	Installation conditions	User installation
Dimensions, Weight (Net) W x D x H (mm), (kg)	Main unit with Printer Stand and Basket	1,893 x 975 x 1,144mm Weight: approx. 143kg (including Roll Holder Set; excluding ink and print heads) Basket close : 1,893 x 798 x 1,144mm
Dimensions, Weight (Packaged) W x D x H (mm), (kg)	Main unit (printer only, pallet included)	2,080 x 1,060 x 840mm; Weight: approx. 179kg
	Printer Stand and Basket	1,795 x 863 x 363mm; Weight:

		approx. 43kg
	USA	2,080 x 1,060 x 1,220mm; Weight: approx. 224kg
	Printer Stand	1,115 x 864 x 237mm; Weight: approx. 22kg
Power Supply	Input power	AC 100 - 240V (50 - 60Hz)
	Power consumption	Operation: 190W or less
	Standby power consumption (At the low power mode)	5W or less
	Power off (standby)	0.5W or less
Operational Environment	Temperature: 15 - 30°C, Humidity: 10 - 80 % (Condensation free)	
Acoustic Noise	Acoustic pressure	Operation: 50dB (A) or less (Coated Paper, Image, Print priority: Standard) Standby: 35dB (A) or less (Measured based on ISO7779 under the above conditions)
	Acoustic power	Operation: 6.8Bels or less (Coated Paper, Image, Print priority: Standard) (Measured based on ISO7779 under the above conditions)
Detector and Adjustment	Registration adjustment	Automatic / Manual
	Banding adjustment	Automatic / Manual
	Line length adjustment	Manual
	Head slant adjustment	No
	Colour calibration	Yes (with a colour calibration notification function)
	Head gap adjustment	Automatic / Manual (6 levels)
	Non-firing detection	Yes
	Non-firing compensation	Yes
	Roll media remaining detection function	Yes
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		
Memory	Standard memory		384MB
	Expansion slot		No
Firmware	Languages	Printer language	GARO (Graphic Arts language with Raster Operations)
		Job control	CPCA
		Status reply	CPCA, SNMP-MIB (Standard MIB, Canon-MIB)
	Type		Flash ROM
	Update		Updated from USB, 1394, 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
	Displayable Language on LCD		US-English, French, German, Italian, Spanish, Chinese, Korean, Russian, Japanese (Kanji)
Hard Disk	2.5 inches, 250GB, 5400rpm, S-ATA I / F		
Interface	Hi-Speed USB	Type	Built-in
		Mode	Full Speed (12Mbit/sec.), High Speed (480Mbit/sec.), Bulk transfer
		Connector type	Series B (4 pins)
	Gigabit Ethernet	Type	Built-in
		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
		Protocol	IPX/SPX (Netware 4.2(J), 5.1(J), 6.0 (J)) SNMP (Canon-MIB), HTTP, TCP/IP (IPv4/IPv6), AppleTalk
Expansion Slot	None		

Print Head		
Print Head	Model	PF-05
	Type	Bubble-jet on demand
	Head configuration	6 colours integrated type (6 chips per print head x 2 print heads)
	Nozzle pitch	1,200 dpi x 2
	Nozzle per chip	MBK / BK / M / Y: 2,560 nozzles for each colour C / PC / PM / GY: 5,120 nozzles for each colour
	Droplet size	4 pl per colour
	Head replacement	User replacement
Ink Tank		
Ink Tank	Model	330ml : PFI-8306 (iPF8410S) BK / MBK / C / M / Y / PC / PM / GY 700ml : PFI-8706 (iPF8410S) BK / MBK / C / M / Y / PC / PM / GY
	Supply	Tubing system (with sub-tank)
	Colours	MBK / BK / PC / C / PM / M / Y / GY
	Capacity	Starter use: 330ml, Sales use: 700ml / 330 ml
	Level detection	Detected by dot count and electrode (Empty)
	Smart chip	Each ink tank is equipped with EEPROM which stores its ink level
Cutter		
Cutter	Model	CT-06
	Type	Automatic horizontal cutting (Rotary cutter)
	Cutter durability (cuts)	20,000 cuts for A0 media 1,500 cuts in case of using Canvas or Cloth type media
	Replacement	User replacement

Media Handling			
Media Feed and Output	Roll paper	One Roll, Front-loading, Front Output	
	Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)	
	Paper path switch (roll/cut sheet)	Manually switchable by user	
	Delivery direction	Face-up, Front side	
	Media Take-up Unit	Optional	
	Maximum stacking number of delivered prints	One sheet (when using the standard Basket)	
Media Size	Roll paper (width)	ISO	A3, A2, A1, A0
		JIS	B2, B1, B0
		ARCH	24", 30", 36"
		Others	10", 14", 16", 17", 42", 44",
	Cut sheet	ISO	A4, A3, A3+, A2, A2+, A1, A0 B4, B3, B2, B1, B0
		DIN	C4, C3, C2, C1, C0
		JIS	B4, B3, B2, B1, B0
		ANSI	8.5 x 11", 8.5 x 14", 11 x 17", 13 x 19", 17 x 22", 22 x 34", 28 x 40, 34 x 44"
		ARCH	9 x 12", 12 x 18", 18 x 24", 24 x 36", 26 x 38", 27 x 39", 30 x 42", 36 x 48"
		Photo	20 x 24", 18 x 22", 14 x 17", 12 x 16", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size)
		Poster	20 x 30", 30 x 40", 42 x 60", 44 x 62", 300 x 900mm
		Others	13 x 22"
	Media Thickness	Roll paper	0.07 - 0.8mm
Cut sheet			

Maximum Outside Diameter of Roll Paper		150.0mm	
Media Core Size		Internal diameter of roll core: 2" / 3"	
Media Width	Roll paper	254 - 1,117.6mm ※Formal supported "Media Width" is limited to the "Media Size" (roll paper widths) specified in this document.	
	Cut sheet	203.2 - 1,117.6mm	
Minimum Printable Paper Length		203.2mm	
Maximum Printable Paper Length	Roll paper	18m (Varies according to the OS and application)	
	Cut sheet	1.6m	
Margins (Top, Bottom, Sides)	Recommended area	Roll paper	Top: 20mm, Bottom: 5mm, Side: 5mm
		Cut sheet	Top: 20mm, Bottom: 23mm, Side: 5mm
	Printable area	Roll paper	Top: 5mm, Bottom: 5mm, Side: 5mm
		Roll paper (borderless print)	Top: 0mm, Bottom: 0mm, Side: 0mm
		Cut sheet	Top: 5mm, Bottom: 23mm, Side: 5mm
Borderless Printing	Media width	515mm (JIS B2), 1,030mm (JIS B0), 594mm (ISO A1), 841mm (ISO A0), 10", 14", 17", 24", 36", 42", 44"	



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