

you can
Canon

iPF720
Large Format
Print Solutions

For large CAD and GIS
companies

iPF720

The iPF720 brings high-quality large format printing to busy corporate environments involved in CAD and GIS work. Printer and job management is made simple with the built-in 80Gb hard disk drive and the Canon printer driver, ensuring optimum printer efficiency.



Sharper, thinner lines and high black density for CAD plan production.

Great colour output with brilliant text and less abrasion.

A built-in 80GB hard disk drive means you can store repeat print jobs at the printer for easy management.

Economy Printing Mode for lower running costs.

Superb graphics with vivid colours and solid image consistency.

Blistering speeds with A0 prints in 56 seconds.

36
inch

2,400
x
1,200dpi

4
pl

5
colours

A0
56 seconds

15,360
nozzles

HPGL/2
Compatible

Borderless
Printing

80GB
hard disk

- HPGL/2 and HP RTL compatibility and includes HDI Driver for CAD applications as standard.
- Large LCD with graphics ensures easy operation.
- High performance, high durability cutter incorporated for a professional finish.
- Compact and quiet - it's the output not the noise that gets you noticed.
- Enhanced productivity in consecutive printing, with the ability to print 10 A1 pages in 5.57 minutes.

We Speak Image

Class	36-inch
Ink Type	Pigment and Dye reactive ink, 5 colours (MBK x 2, BK, C, M, Y)
Maximum Print Resolution	2,400 x 1,200dpi
Printing Speed (A1 Roll, Full Colour Image)	A0 Roll: 0:56 (Economy) 2:31 (Standard)
Plain paper	4:44 (Standard-Full Colour Image)
Coated Paper	5:57 (A1 landscape - economy mode)
Photo Glossy Paper	
10 Page Consecutive Printing Dimensions, Weight (Net)	Main Unit with Printer Stand and Basket 1,507 (W) x 871 (D) x 1,094 (H)mm; Weight: approx. 65 Kg
Dimensions, Weight (Packaged)	Main unit: 1,695 (W) x 760 (D) x 722 (H)mm; Weight: approx. 79 Kg Stand and Basket 1,370 (W) x 691 (D) x 194 (H)mm; Weight: approx. 15 Kg
Power Supply	AC 100 - 240 V (50/60 Hz)
Input power	140 W or less
Power consumption	
Standby power consumption (At the low power mode)	6 W or less (when IEEE1394 is mounted, 11 W or less) 5 W or less (when IEEE1394 is mounted, 10 W or less)
220 V - 240 V	
100 V - 120 V	
Power off (standby)	1 W or less (In compliance with Executive Order of the President of the United States of America)
Operational Environment	Temperature: 15 - 30°C, Humidity: 10 - 80% (Condensation free)
Acoustic Noise	Operation: 52 dB (A) or less, Standby: 35 dB (A) or less
Acoustic pressure	Operation: 6.6 Bels or less
Acoustic power	0.02mm (Theoretical value)
Minimal Line Width	±0.1 % or less (User adjustments necessary. Printing environment media must match that used for the adjustments. CAD paper required: Plain paper, CAD tracing paper, coated paper, CAD translucent matte film only.)
Line Accuracy	Large LCD: 160 x 128 dots, Key x 12, LED x 5 US-English, Japanese US-English, French, German, Italian, Spanish, Chinese (simplified), Korean, Japanese (Kanji), Russian GAR0, HP-GL/2, HP RTL
Operation Panel Display	
Language on operation panel	
Displayable Language on LCD	
Printer Language Interface	
USB2.0 Hi-Speed	
Type	Built-in
Mode	Full Speed (12 Mbit/sec), High Speed (480 Mbit/sec), Bulk transfer
Connector type	Series B (4 pins)
Ethernet	
Type	Built-in
Standard	IEEE 802.3 10base-T IEEE 802.3u 100base-TX / Auto-Negotiation IEEE 802.3 x Full Duplex IPX/SPX (Netware 4.2(J), 5.0(J), 5.1(J)) SNMP (Canon-MIB), HTTP, TCP/IP, AppleTalk
Protocol	
IEEE1394 (Option)	
Type	Slot card type
Standard	IEEE1394 - 1995, P1394a, Half duplex, Data/Strb differential serial
Data-transfer time	100 / 200 / 400 Mbit/sec.
Connector type	In compliance with IEEE1394 - 1995, 6 pins, No power supply
Operating Systems supported	Windows 2000, XP, Server 2003, Vista / Macintosh OS 9, OS X
Regulations	CE Mark, CB Certification, TUV (GS), Gost-R, UL, FCC class B
HARD DISK DRIVE	
Capacity	80 GB
MEMORY	
Standard Memory	256Mb
PRINT HEAD	
Model	PF-03
Type	Bubble-jet on demand
Head configuration	6 colours integrated type (6 chips per print head)
Nozzle pitch	1,200dpi x 2
Nozzle per chip	MBK: 5,120 nozzles, Other Colours: 2,560 nozzles each
Droplet size	4 pl per colour

INK TANK	
Model	PFI-102 (130ml) MBK, BK, C, M, Y
MEDIA HANDLING	
Roll paper	One Roll, Front-loading, Front Output
Cut sheet	Front-loading, Front Output (Manual feed using media locking lever)
Media type	
Roll paper	Standard Paper, Matt Coated Paper, Extra Matt Coated Paper, Opaque Paper, High Resolution Graphic Paper, High Resolution Barrier Paper, Photo Paper High Gloss, Photo Paper Satin, Photo Paper Semi Matt, Photo Paper Pearl, Photo Realistic Paper, Heavy Weight Glossy Photo Paper, Heavy Weight Satin Photo Paper, Commercial Proofing Paper, Commercial RC Proofing, Glossy Proofing Paper, Semi glossy Proofing Paper.
Media Size	
Roll paper (width)	ISO: A3, A2, A1, A0, JIS: B2, B1, ARCH: 24" 36" Others: 10", 14", 16", 17"
Cut sheet	ISO: A4, A3, A3+, A2, A1, A0, B4, B3, B2, B1 DIN: C4, C3, C2, C1, C0 JIS: B4, B3, B2, B1 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", 27 x 39", 26 x 38", 30 x 42", 36 x 48", Photo: 20 x 24", 18 x 22", 14 x 17", 10 x 12", 10 x 15", 8 x 10", 16 x 20" (US Photo size), Poster: 20 x 30", 30 x 40"
Media Thickness	Roll paper & Cut sheet: 0.07 - 0.8mm
Maximum Outside Diameter of Roll Paper	150.0mm
Media Core Size	Internal diameter of roll core: 2" / 3" (Option)
Media Width	Roll paper: 254 - 914.4mm Cut sheet: 203.2 - 917mm
Minimal Printable Paper Length	203.2mm
Maximum Printable Paper Length	Roll paper: 18 m (Varies according to the OS and application) Cut sheet: 1.6 m
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: 3mm, Bottom: 3mm, Side: 3mm Roll paper (borderless print): Top: 0mm, Bottom: 0mm, Side: 0mm Cut sheet: Top: 3mm, Bottom: 23mm, Side: 3mm
Media width for borderless printing	515mm (JIS B2), 728mm (JIS B1), 594mm (ISO A1), 841mm (ISO A0), 10", 14", 16", 24", 36"
OPTION	
Media Take-up Unit	ST-32
Roll Holder Set	RH4-32
(2-inch core spindle with 3-inch media tube attachment and borderless printing space)	
IEEE1394 Expansion Board	EB-05
CONSUMABLES	
Ink Tank	PFI-102 (130 ml); MBK, BK, C, M, Y
Print Head	PF-03
Maintenance Cartridge	MC-07
Cutter Blade	CT-05
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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.	



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