EXPERIENCE iX
MORE PROFIT
MORE BUSINESS

varioPRINT iX-series

The varioPRINT iX-series revolutionises the commercial printing business experience. It combines stunning image quality and a wide media range with the high productivity and attractive cost-efficiency of inkjet. So commercial printers can say "Yes" to virtually any job, based on the agreed turnaround time and price, then print it for more profit and more business.

Experience productivity
More jobs. Shorter runs. Tighter deadlines. To stay ahead, commercial printers need a press that lets them easily set up jobs, switch media, personalise and run 24/7 with minimal operator intervention. This is where the varioPRINT iX-series excels.

- 320 A4 ipm and more than 9000 SRA3 per hour
- More than 90% uptime
- All-in-one print platform with end-to-end automated workflow
- Paper input capacity of up to 23,400 A4 or 13,500 sheets any format

Experience cost efficiency
The varioPRINT iX-series excels in cost efficient operation. How do attractive running costs sound? How do savings in labour and operations sound? Experience the varioPRINT iX-series and enjoy more profit.

- Attractive low running costs
- More than 2x more productive than other B3 toner presses
- High automation and minimal operator intervention

Experience quality excellence
Thanks to many iQuarius^{iX} innovations, the varioPRINT iX-series print quality rivals any other established print technology. It prints coated and uncoated media, up to 350 gsm with consistently high quality.

- Innovative printheads and image processing
- Intelligent nozzle activity and uniformity control
- Print environment optimisation and ink conditioning for optimal printing performance
- Proprietary polymer pigment water-based iX inks and ColorGrip
- High registration accuracy
- Advanced colour management

Experience application versatility
High-quality brochures that blow customers away with their colour and detail. Sturdy postcards and direct mail pieces with targeted content. Books, versioned manuals, collateral and catalogues. That's what the varioPRINT iX-series delivers.

- Offset coated media from 90 to 350 gsm
- Uncoated media from 60 to 350 gsm
- Mixed media during a run
- Workflow automation
- Wide choice of online connected finishing with open DFD interface

Canon

varioPRINT iX-series

iQarius[iX] technology

The foundation of the varioPRINT iX-series is an integration of highly innovative technologies that make it possible to:

- Transport a wide range media
- Print at incredibly high speeds
- Produce stunning image quality

iQarius[iX] Quality control
For consistent quality on all applications

iQarius[iX] Ink innovation
For superior quality on a wide range of media

iQarius[iX] Drying technology
For a robust end result, ready for post-processing

iQarius[iX] Media transport
For reliable and accurate non-stop operations and handling of all media

TECHNICAL SPECIFICATIONS

TECHNOLOGY

Print technology	Inkjet, Drop-on-demand, piezoelectric
Ink	Proprietary polymer pigment water-based iX inks
Drop size	Variable, MultiLevel
Print speed	varioPRINT iX3200: 320 A4 duplex images per minute -9145 SRA3 duplex images per hour -8350 B3 duplex images per hour varioPRINT iX2100: 210 A4 duplex images per minute -6035 SRA3 duplex images per hour -5505 B3 duplex images per hour
Duty cycle	varioPRINT iX3200: 1,000,000 – 10,000,000 A4 impressions/month varioPRINT iX2100: 1,000,000 – 7,000,000 A4 impressions/month
Print resolution	1200 × 1200 dpi

PAPER

Paper weight	Uncoated: 60 - 350 gsm Coated: 90 - 350 gsm
Substrates	Commodity coated and uncoated papers including specialties
Standard configuration	1 Paper Input Module (PIM Flex XL) 1 High Capacity Stacker
Paper sizes	203 × 203 mm - 350 × 508 mm
Maximum printable area	337 × 504 mm
Paper capacity	4,500 sheets A4 (80 gsm) with one PIM 9,000 sheets A4 (80 gsm) with two PIMs 13,500 sheets A4 (80 gsm) with three PIMs 23,400 sheets A4 (80 gsm) with three PIMs and Duo Paper Trays

PAPER INPUT MODULE FLEX XL

Paper trays	2 × 600 sheets, 2 × 1,650 sheets (80 gsm)
Standard paper capacity	4,500 sheets
Paper size	Trays 1 and 2: 203 × 203 mm - 488 × 320 mm Trays 3 and 4: 203 × 208 mm - 350 × 508 mm
Dimensions (W×D×H)	922 × 1150 × 716 mm
Weight	240 kg

HIGH CAPACITY STACKER

Stacks	2 × 3,000 sheets (80 gsm) per stacker
Dimensions (W×D×H)	899 × 745 × 1040 mm 899 × 1250 × 1040 mm with stack tray ejected
Weight	Empty 120 kg, full 300 kg

INTEGRATED CAMERA MOUNTING UNIT

	Inline camera inspection
Dimensions (W×D×H)	305 × 745 × 1040 mm
Weight	45 kg

PRISMASYNC CONTROLLER

Network connectivity	Internal: 1 x 10 Gbit Ethernet; External: 2 x 1 Gbit (10/100/1000 Base-T), TCP/IP (LPR /LPD, 9100 Socket), Static IP / Auto-IP (DHCP), IPv4, IPv6 (only in Document printing mode)
Page Description Languages	PDF 1.7 (Extension Level 3), PDF-X (APPE 4.x RIP support), PDF/VT (Level 1), Postscript, PPML 2.2, IPDS IS/3, SRA PCL6
Job submission	lpr, Hotfolders via WebDAV, Socket (streaming), JDF/JMF, IPP 2.0, Remote PDF Driver
Protocols	SNMP v1, SNMP v3, Host Resources MIB, MIB II, Printer MIB, Job Monitoring MIB, Job Management MIB (partially), IEEE 802.1x
Spot Color Libraries	PANTONE+ Solid (Coated & Uncoated), PANTONE GOE (Coated & Uncoated), HKS (K,N), HKS (K,N) 3000+ PANTONE+ Solid 336 New (Coated & Uncoated)

CONNECTION REQUIREMENTS

Connection fuse	230/400 VAC, 100A; 100-240 VAC, 13-20A; 100-240 VAC, 13-20A; 200-240 VAC, 13-20A; 100-240 VAC, 13-20A
Compressed air	5-12 bar, dry and oil free
Water	Reverse osmosis water system

ENVIRONMENTAL

Temperature	Optimal range 20–26 °C
Humidity	Optimal range 40-60%

PHYSICAL DATA[1]

Length × Width × Height	8,800 × 2,750 × 2,300 mm
Weight	Approximately 8000 kg

OPTIONS

Paper trays	Second and Third Paper Input Module Duo Paper Trays
High Capacity Stacker	Second High Capacity Stacker
Integrated camera mounting unit	
Inline finishing	DFD interface SFD interface
PRISMAsync	DPlink DocBox PRISMAlytics Dashboard PRISMAsync Simulator PRISMAprofiler

Footnote

[1] Physical Data are provided for a standard configuration which includes one Paper Input Module and one High Capacity Stacker

Best colour printer B3(+)

EDP AWARDS 2020 WINNER

BUYERS LAB 2021 BLI OUTSTANDING INNOVATION BY KEYPOINT INTELLIGENCE

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