

Pro9DP+ Envelope Print Systems

OKI®



Target new markets and grow your business with colour production envelope printing

Pro9DP+ Envelope Print Systems:

- Pro9431DP+ CMYK
- Pro9541DP+ CMYK + White or Clear
- Pro9542DP+ CMYK + White and Colour-on-Colour
- Broaden your services: expand short-run offerings; offer variable data printing in high-definition colour
- New design: built “from the ground up” – simplifies job setup, delivers new levels of production reliability
- Incredibly sharp text; rich, saturated press-like colours
- Broadest range of envelope sizes (through Feeder): 64mm x 89mm to 330mm x 382mm
- Broadest range of media sizes (through Printer): 64mm x 89mm cards to 1320mm banners
- Straight-through print path handles envelopes and ultra-heavy card stocks/postcards (up to 360 gsm) with ease
- Optional Harlequin® DirectPrint RIP: process complex jobs fast, expand colour management, support VDP formats



Shown:
Pro9542DP+ Envelope Print System
(Printer/Feeder/Conveyor/LCF).
Also available: Pro9541DP+ and Pro9431DP+ systems.

Introducing Pro9DP+ Envelope Print Systems from OKI®: Next-generation short-run digital production from the leader in envelope printing solutions.

Pro9DP+ System Highlights:

Envelope sizes supported through Feeder

- Standard sizes: DL, C6, C5, C4, B6, B5, B4
- Custom sizes: Widths from 64mm to 330mm; Lengths from 64mm to 330mm, Lengths from 89mm to 382mm

Printer-supported media

- Straight-through paper path supports envelopes, magnetic media, polyester, transparent film, and heavier stock (up to 360 gsm)
- 64mm x 89mm to 1320mm banners

Improved window envelope support

- Raised and angled envelope stack ensures smooth separation of typically challenging media

Short-run production savings

- Pro9DP+ Printers' drum life can exceed 100,000 DL envelopes (based on print runs of 50 or more continuous envelopes), dramatically lowering CPP

Press quality without the mess. Fast digital turnaround. And no setup costs.

Customer requests for short-run envelope production (runs of 5,000 or less) used to be a headache for print shops large and small: not economical for traditional offset printers, too much trouble even for small digital print shops. Until now.

With the Pro9DP+ Envelope Print Systems from OKI®, a formerly under-served market represents an opportunity to expand your business.

Press quality that's easy – Each Pro9DP+ model enables you to print short runs in less time than it takes to produce printing plates and ink up a press. Print up to 500 DL envelopes in under 12 minutes¹— with output that rivals traditional offset printing presses.

Beyond 4-colour printing – The addition of White toner lets you do something very unique. Broaden your printed offerings with stunning white on colour stocks offered by both the Pro9541DP+ and Pro9542DP+.

And the Pro9542DP+ intelligently and accurately applies White under CMYK to produce brilliant colour on dark media.

Generate additional sources of revenue with the ability to print brilliant white and striking colour on colour envelopes and stock for breathtakingly unique applications.

Print for Profit – OKI's range of Pro9DP+ models lets you extend your in-house colour printing capabilities from the expected to the extraordinary. It's a new breed of print devices, perfect for short runs and, with a duty cycle rated at up to 300,000 pages per month, rugged enough for longer runs.

Add an optional Harlequin® DirectPrint RIP to your system and offer your customers short-run, targeted variable data printing (VDP) with accurate, consistent colour.

With their ease of use and low total cost of ownership, these affordable envelope printing systems enable you to produce premium printed products, offer new services, and grow your business and your profits.

Pro9DP+ Systems have what you need to grow your business

What are you looking for to grow your business?

Affordable short runs (under 5,000 pieces) of customized envelopes, with fast turn-around times

Offering unique sizes and colours of envelopes, and print white or colour without silkscreening (e.g. invitation envelopes)

Variable data printing (VDP) on envelopes, letters, postcards, etc. for targeted mailing campaigns

Accurate reproduction of company colours/logos and consistent colour between items in promotional campaigns

Flexibility for customization, ability to make last minute design changes, with minimal setup

Ability to quickly produce a mock-up/sample envelope or print piece for client sign-off

Here's what you get with Pro9DP+ Systems:

Cost-effective means to produce short runs with little overhead or job start-up costs, and full control over timing

Print on colour envelopes in a variety of sizes and weights, using white or clear toner, or colour on white in one pass

Optional RIP (see above) enables and greatly accelerates VDP processing time, perfect for personalized data/graphics

Accurate colour through printer or RIP provides consistent output for all deliverables

Quickly go from design (in-house or client-provided) to production, no setup required

Easy to produce mock-ups using same system that will produce final envelope or print piece

Results that transcend expectations – through versatility, fast print speed, ease of use, and unique output choices. Pro9DP+ Systems: the top of the line in LED envelope printing.

Pro9DP+ Systems: Colour Printing Capabilities at a Glance



Pro9431DP+ System: Affordability (Low CPP)

- 4-Colour Digital Printing (CMYK)



Pro9541DP+ System: Versatility (5+ Colour)

- 5-Colour Digital Printing (CMYK + Clear or CMYK + White)



Pro9542DP+ System: Creativity (5+ Colour-on-Colour)

- 5-Colour Digital Printing (CMYK + White, CMYK over White in 1 pass)

- Straight-through paper path for envelopes and heavy stock
- True 1200 x 1200 dpi resolution
- Robust media support
- 50 ppm on A4 size sheets¹
- up to 42,000-page CMYK toners²
- High-resolution colour LCD display panel with alphanumeric keypad
- 2 GB memory, 1 Gigabit network and 2-sided sheet-fed printing, standard
- PC and Mac® OS Postscript® print drivers with trapping
- Easy front access to toner cartridges and image drums

Look what else you can produce with a Pro9DP+ System from OKI:



Signage and Posters – Print CMYK over White toner on clear polyester window-cling media for attention-grabbing results.

Eye-popping Polyester Door Hangers – White toner gives powerful emphasis to text and graphics, making for a unique application.



Envelopes – Print colour on colour to produce brilliant full-colour images, especially impactful on dark-coloured envelope media.

Optional RIP ensures colour accuracy and streamlines colour management

Equipped with an optional external RIP, Pro9DP+ Systems expedite and streamline job processing while maintaining industry-standard colour management for consistent, predictable results.

- **The optional Harlequin® DirectPrint RIP** is a cost-effective way to take full advantage of the C9DP+ Systems' colour-on-colour capabilities. It's both fast and easy to use, ensuring beautiful and accurate colour every time. The "HDP" uses a PDF workflow, accepting jobs from both Mac and PC. Built-in Harlequin Dispersed Screening (HDS) and Hybrid Screening (HXM) produce sharp details and high-fidelity colour transitions.

PANTONE® libraries are included in the Harlequin DirectPrint RIP, to ensure accurate colour matching job to job. For details on the optional RIPs, please contact your OKI representative.



Harlequin DirectPrint RIP

Pro9DP+ Envelope Print Systems

Specifications		
Performance Print Speed ¹	CMYK/Mono	All Models: Up to 500 DL envelopes in under 12 minutes; 50 ppm A 4size sheets, 27 ppm A3 sheets
	CMYK + White	Pro9542DP+/Pro9541DP+: Up to 45 ppm A4, 24 ppm A3
	CMYK + Clear	Pro9541DP+ only: Up to 17 ppm A3
Duty Cycle	Printers	300,000 pages max per month
Print Quality	Resolution	Up to 1200 x 1200 dpi; ProQ 1200 x 600 x 16 levels
Memory	RAM (Standard/Max)	2 GB
	Processor	1.2 GHz ARM CPU
Compatibility	Printer Languages	Adobe® PostScript 3™, PCL® 6, PCL 5c, XPS®
	Connectivity	High-speed USB 2.0, 10 Base-T/100 Base-TX/1000 Base-T Ethernet
	Operating Systems	Windows® 8, Windows 7, Windows Vista®, Windows XP, Windows Server 2012, Windows Server 2008, Windows Server 2008 R2, Windows Server 2003; Mac® OS 10.3.9 – 10.9
	Network Protocols	TCP/IP, EtherTalk
Colour Features/ Solutions	Standard	OKI PostScript® driver supports trapping; Embedded ICC Profile-based workflow; Simulations for SWOP, ISO Coated, Japan Colour; PDF Direct Print; PS Gamma Adjust; and Colour Correct
	Optional	External PC-based RIP: Global Graphics® Harlequin® DirectPrint RIP
Media Handling	Media Sizes	Envelope Feeder: DL, C6, C5, C4, B6, B5, B4 Custom size range: 64mm x 89mm to 330mm x 382mm Paper Trays: SRA3 (320mm x 450mm), A3 (297mm x 420mm), A4, A5
	Media Weight	Trays 1 & 2 and optional High-Capacity Feeder: 52–320gsm; Multi-purpose Tray/Feeder: 80–360gsm
Media Capacity	Multi-purpose Tray/Feeder	Up to 600 DL envelopes
	Trays 1 & 2	Up to 530 sheets each
	High-Capacity Feeder	Up to 1,590 sheets (3 trays, 530 sheets each)
Media Output	Face Down	Max 610 sheets
	Face Up	500 envelopes via Stacking Conveyor
Environmental	Size (WxDxH)	Printer: 699 mm x 625 mm x 640 mm Printer/Feeder/Conveyor: 2629mm x 625mm x 1234mm
	Weight	Pro9542DP+/Pro9541DP+ (Printer): 110.8 kg including consumables Pro9431DP+ (Printer): 97.6 kg including consumables Feeder: 39.2 kg; Conveyor: 27.5 kg
	Temperature/Humidity	50° – 90°F (10° – 32°C) / 20% – 80%RH
	Power Consumption	Printer: Active 1600W max. /1100W avg.; Standby avg. 40W; PowerSave mode 30W or less; Sleep mode 4W or less; Auto Shutoff 0.4W or less. Feeder/Conveyor: 180W max.
	Noise Levels	Printer: Active 57dBA or less; Standby 34dBA or less; PowerSave mode – Inaudible
	Warranty	Limited

Ordering Information	
Description	Part Number
5-Colour Envelope Print Systems	
Pro9542DP+	45530622DP+
Pro9541DP+ White	46220201WTDP+
Pro9541DP+ Clear	46220201CLDP+
4-Colour Envelope Print System	
Pro9431DP+	45530407DP+
Pro9541DP+ Spot Colour Kits	
White	45531313
Clear	45531413
Toner Cartridges	
Cyan (42,000 pages ²)	45536572
Magenta (42,000 pages ²)	45536571
Yellow	
Pro9541DP+/Pro9431DP+ (42,000 pages ²)	45536570
Pro9542DP+ (24,000 pages ²)	45536458
Black (51,000 pages ²)	45536573
White	
Pro9542DP+ (15,000 pages ⁴)	45536574
Pro9541DP+ (10,000 pages ⁴)	45536459
Clear (Pro9541DP+ only – 20,000 pages ⁴)	45536460
Image Drums	
Cyan (40,000 pages ³)	45103739
Magenta (40,000 pages ³)	45103738
Yellow (40,000 pages ³)	45103737
Black (40,000 pages ³)	45103740
White	
Pro9542DP+ (20,000 pages ³)	45103742
Pro9541DP+ (20,000 pages ³)	45103743
Clear (Pro9541DP+ only – 20,000 pages ³)	45103744
Waste Toner Box (Approx. 40,000 pages ³)	45531503
Fuser (Approx. 150,000 pages ³)	45531113
Envelope Fuser (Approx. 150,000 pages)	45531153
Transfer Belt	
Approx. 150,000 pages ⁵	45531223
Options	
530-Sheet 2nd Tray	45530703
160 GB Hard Disk Drive	44622302
Harlequin DirectPrint RIP PC-based ServerContact Oki	

¹ Published performance results based on laboratory testing. Individual results may vary.

² Based on ISO/IEC 19798.

⁴ Based on 5% coverage of A4 size sheet, simplex.

⁵ Estimated life based on 3 pages per job (single sided A4 size, long-edge feed).

Specifications are subject to change without notice.

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Consumables Information: For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as “compatible”, and if it does work, your printer’s performance and print quality may be degraded.
Media Information: Certain types of media may not provide optimal results under default conditions.

3 Year On-site Warranty[^]

[^]Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we are offering you an extension of the standard warranty period to 3 years at no extra cost to you. Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer. Fully covered by OKI! For further information please visit: [HTTP://WARRANTY.OKI.COM.AU](http://warranty.oki.com.au) (Australia) or [HTTP://WARRANTY.OKI.CO.NZ](http://warranty.oki.co.nz) (New Zealand). Without registration, the standard 1 year warranty applies.



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