

ES8434dn Specifications



Small and powerful: Discover an A3 colour printer that's compact, eco-friendly and offers endless possibilities

The smallest A3 printer on the market, the ES8434dn can handle all your printing needs including business cards, pre-cut media, posters, banners up to 1.3m long and beyond. Combining unrivalled media flexibility, ultra reliability and OKI's pioneering digital LED technology, this productivity boosting device is perfect for creating professional quality customer facing collateral, as well as day-to-day office documents, in-house, on demand.

The ES8434dn warms up almost instantly and conserves energy thanks to OKI's innovative fusing technology, saving time and increasing efficiency, making it the perfect choice for any busy business or workplace.

Key features

- Smallest footprint A3 printer on the market, perfect for retail where space is at a premium
- First page out as fast as 6.3 seconds
- Up to 36ppm colour print speed
- Fast duplex printing
- Paper capacity up to 2,540 sheets and media weights between 64 and 256gsm



Unrivalled media flexibility

- Excellent media flexibility - A6 to A3 and up to 1321mm long banners
- 55mm minimum paper width from the Multi-purpose tray
- Optional Banner Tray available for printing multiple banners in one go



Easy to use

- Easy to set-up and get started
- Troubleshoot by tapping your NFC enabled Mobile device to the printer²
- Store templates and documents on the device for all users to print without authentication (Shared Print²)
- Fleet management software at no cost - SENDYS Explorer⁷
- Keep documents confidential with Private Print and optional Card Release, so users can view all their print jobs before selecting to print



Mobile printing

- Optional Wireless LAN
- Tap your NFC enabled Mobile device to the printer and print - no network needed²
- Gigabit Ethernet enables fast transfer of large colour files across the network
- Wireless Direct offers safe simultaneous connection of wired and wireless networking
- AirPrint compatible



Cost and energy saving

- OKI's new fusing technology enables the printer to warm up and quiet down almost instantly, saving time, increasing efficiency and conserving energy
- LED technology means no moving parts for a longer life
- Print marketing materials and retail signage in-house, thanks to outstanding print quality and media flexibility
- Deep Sleep mode saves energy, Auto-Off mode automatically powers down to less than 0.15W when not in use
- Toner Save to reduce cost, when printing draft or internal documents
- Duplex printing reduces paper usage

A3/A4	✓
Colour/Mono	✓
Networked/Duplex	✓
Prints A6 to 1321mm, up to 256gsm	✓
1 – 30 users	✓

ES8434dn - Colour and Mono Printers

PRINTER		GENERAL FEATURES	
Print speed	A4: 36ppm colour/mono; A3: 20ppm colour/mono	Memory	1GB RAM; 3GB eMMC
Time to first print	6.3 seconds colour/mono	Environment	Operating temperature/humidity: 10°C to 32°C (17°C to 27°C recommended) / 20% to 80% RH (50% to 70% RH recommended) Storage temperature/humidity: -10°C to 43°C, 10% to 90% RH
Warm up time	≤ 20 seconds from power on and ≤ 9.9 seconds from power save	Power supply	Single phase 220-240VAC, frequency 50/60Hz +/-2%
INTERFACE AND SOFTWARE		Power consumption	Typical: 680W; Max: 1400W; Idle: 13W; Power save: <11W; Deep Sleep: <1.0W; Auto-Off: <0.15W
Connectivity	USB 2.0 Device, 10Base-T/100Base-TX/1000Base-T Ethernet, USB 2.0 Host x 1, Wireless IEEE802.11a/b/g/n (Optional), NFC ²	Noise level	Operating: <54dB(A); Standby: 32dB(A) or less; Power save: Background level
Printer languages	PCL6 (XL3.0) and PCL5c, PostScript3 emulation, PDFv1.7, SIDM (IBM-PPR, EPSON-FX)	Dimensions (WxDxH)	449 x 552 x 360mm
Network & protocols	All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IPv4&v6, NetBIOS over TCP, DHCP, DHCPv6, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SMTP, POP3, SNMPv1&v3, SNT, IPP, IPPS, WSD Print, LLTD, IEEE802.1X, LPR, Port9100, Telnet, FTP, AirPrint. Wireless IEEE802.11a/b/g/n, WEP, WPA, WPA2, Personal, Enterprise ⁶	Weight ⁴	40kg approx
OS Compatibility ¹	Server 2008 (32-bit & 64-bit) / Windows 7 (32-bit & 64-bit) / Server 2008 R2 (64-bit) / Windows 8 (32-bit & 64-bit) / Server 2012 (64-bit) / Windows 8.1 (32-bit & 64-bit) / Server 2012 R2 (64-bit) / Windows 10 (32-bit & 64-bit); Server2016 (64-bit); Mac OS X 10.10 to 10.13	Duty cycle	Maximum: 75,000 pages/month; Recommended: 1,500 to 5,000 pages per month
Advanced networking & security	IPv6, 802.1x authentication, SNMP V3, SSL/TLS HTTPS encryption, Secure Print, Secure Erase, Data Encryption, IP filtering, IPsec	Warranty	3 years extended warranty upon registration within 30 days of purchase ⁵
Utility suite ¹	Template Manager ³ , Color Correct, OKI LPR ³ , Color Swatch Utility ³ , smart PrintSuperVision ³ , Print Job Accounting Client, Network Card Setup ⁵ , Configuration Tool ³ , PS Gamma Adjuster, Network Extension ³ , Monitoring Tool ³ , Firmware Update Tool, Profile Assistant ⁵ , SENDYS Explorer	Product order number	ES8434dn: 47074235
TYPEFACES		ACCESSORIES (ORDER NUMBERS)	
Printer fonts	Scalable: 87 PCL fonts and 80 PostScript fonts, PCL Bitmap fonts: LinePrinter, OCR-A/B, USPS ZIP Barcode	2nd/3rd/4th/5th paper tray	47074403
Barcode	10 types of one dimension with 26 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4 POSTNET, 2 types of two dimensions: PDF417, QR code	Banner tray	45015702
PRINT QUALITY		Castor base	45889502
Resolution	ProQ Multi-level technology, 1200 x 600dpi, 600x600dpi	Wireless LAN Module	45830202
Enhancements	Auto Color Balance, Photo Enhance via Driver (Windows PCL6 driver only)	IC Reader Holder	46539501
PAPER HANDLING		CONSUMABLES (ORDER NUMBERS)	
Paper capacity	Tray 1: 300 sheets of 80gsm; Multi-purpose tray: 100 sheets of 80gsm	Toner cartridges* (10,000 pages)	Cyan: 46861331; Magenta: 46861330; Yellow: 46861329; Black: 46861332
Paper capacity optional trays	Tray 2: 535 sheets of 80gsm; Tray 3: 535 sheets of 80gsm; Tray 4: 535 sheets of 80gsm; Tray 5: 535 sheets of 80gsm	Image drums** (30,000 pages)	Cyan: 46857527; Magenta: 46857526; Yellow: 46857525; Black: 46857528
Maximum paper capacity	2,540 sheets of 80gsm	Transfer Belt (80,000 pages)	47074503
Paper sizes	Tray 1: A3, A4, A5, A6, B4, B5, B6; Tray 2/3/4/5: A3, A4, A5, B4, B5; Multi-purpose tray: A3, A4, A5, B4, B5, B6, A6; Envelopes (Com-10, DL, C5, C4), Custom size (up to 1321mm length including banner); Duplex: A3, A4, A5, B4, B5; Custom size: Width 127-297mm Length 182-431.80mm	Fuser Unit*** (100,000 pages)	47219604
Paper weight	Tray 1: 64 to 220gsm; Tray 2/3/4/5: 64 to 176gsm; Multi-purpose tray: 64 to 256gsm; Duplex: 64 to 220gsm	*Toners: A4 pages yield compliant with ISO/ISC 19798. **Drum: Average life of 3 A4 pages per job from tray 1 in simplex printing. ***Fuser: 3 pages per job Printer shipped with toner for 2,500 A4 pages.	
Duplex	Standard		
Paper output	250 sheets face down, 100 sheets face up, 80gsm		

¹Check local OKI website for latest driver releases and OS compatibility; ²Android devices only, Print through OKI Mobile Print App; ³Windows only; ⁴Including all consumables; ⁵MacOSX only; ⁶Only available with Wireless Network W-LAN; ⁷For more information visit www.sendysexplorer.com

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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