ES8434dn Specifications

OKI

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 workgroup.

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

Easy to use

- Easy to set-up and get started
- Troubleshoot by tapping your NFC enabled Mobile device to the printer[2]
- Store templates and documents on the device for all users to print without authentication (Shared Print)
- Fleet management software at no cost - SENDYS Explorer[7]
- Keep documents confidential with Private Print and optional Card Release, so users can view all their print jobs before selecting to print

Unrivalled media flexibility

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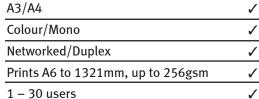- Optional Banner Tray available for printing multiple banners in one go

Mobile printing

- Tap your NFC enabled Mobile device to the printer and print - no network needed[2]
- Gigabit Ethernet enables fast transfer of large colour files across the network
- Wireless Direct offers safe simultaneous connection of wired and wireless networking
- AirPrint and Google Cloud Print 2.0 ready for printing on the go

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

Print speed	A4: 36ppm colour/mono; A3: 20ppm colour/mono
Time to first print	6.3 seconds colour/mono
Warm up time	≤ 20 seconds from power on and ≤ 9.9 seconds from power save

INTERFACE AND SOFTWARE

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]
Printer languages	PCL6 (XL3.0) and PCL5c, PostScript3 emulation, PDF v1.7, SIDM (IBM-PPR, EPSON-FX)
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, SNTP, IPP, IPPS, WSD Print, LLTD, IEEE802.1X, LPR, Port9100, Telnet, FTP, AirPrint, Google Cloud Print, Wireless IEEE802.11a/b/g/n, WEP, WPA, WPA2, Personal, Enterprise[6]
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
Advanced networking & security	IPv6, 802.1x authentication, SNMP V3, SSL3/TLS HTTPS encryption, Secure Print, Secure Erase, Data Encryption, IP filtering, IPSec
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

TYPEFACES

Printer fonts	Scalable: 87 PCL fonts and 80 PostScript fonts, PCL Bitmap fonts: LinePrinter,OCR-A/B,USPS ZIP Barcode
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

PRINT QUALITY

Resolution	ProQ Multi-level technology, 1200 x 600dpi, 600x600dpi
Enhancements	Auto Color Balance, Photo Enhance via Driver (Windows PCL6 driver only)

PAPER HANDLING

Paper capacity	**Tray 1:** 300 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm
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
Maximum paper capacity	2,540 sheets of 80gsm
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
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
Duplex	Standard
Paper output	250 sheets face down, 100 sheets face up, 80gsm

GENERAL FEATURES

Memory	1GB RAM; 3GB eMMC
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/humidty: -10°C to 43°C, 10% to 90% RH
Power supply	Single phase 220-240VAC, frequency 50/60Hz +/-2%
Power consumption	**Typical:** 680W; **Max:** 1118W; **Idle:** 13W; **Power save:** ‹11W; **Deep Sleep:** ‹1.0W; **Auto-Off:** ‹0.15W
Noise level	**Operating:** ‹54dB(A); **Standby:** 32dB(A) or less; **Power save:** Background level
Dimensions (WxDxH)	449 x 552 x 360mm
Weight[4]	40kg approx
Duty cycle	**Maximum:** 75,000 pages/month; **Recommended:** 1,500 to 5,000 pages per month
Warranty	1 year
Product order number	ES8434dn: 47074234

ACCESSORIES (ORDER NUMBERS)

2nd/3rd/4th/5th paper tray	47074403
Banner tray	45015702
Cabinet	01321101
Pedestal with castors	45889502
Wireless LAN Module	45830202
IC Reader Holder	46539501

CONSUMABLES (ORDER NUMBERS)

Toner cartridges* (10,000 pages)	Cyan: 46861327; Magenta: 46861326; Yellow: 46861325; Black: 46861328
Image drums (30,000 pages)**	Cyan: 46857523; Magenta: 46857522; Yellow: 46857521; Black: 46857524
Transfer Belt (80,000 pages)	47074503
Fuser Unit* (100,000 pages)**	47219604

*Toners: A4 pages yield compliant with ISO/ISC 19798.
**Drum: Average number of A4 pages printed.
***Fuser: 3 pages per job
Printer shipped with toner for 10,000 A4 pages.

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

Google Cloud Print 2.0 Ready   NFC   AirPrint

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