ES8433dn Specifications

OKI

Smallest A3 colour printer, where space is a premium, offering outstanding print quality

If you're looking for a printer that does everything – and does it well, the ES8433dn is an ideal choice, especially when space is an issue. Forget old-style huge A3 printers, these will fit into any small office or retail environment, enabling you to print marketing materials in-house, on demand.

The ES8433dn will also support all of your everyday printing needs, offering fast and reliable office printing, with document confidentiality.

Key features

- Smallest footprint A3 printer on the market, perfect for retail
- Excellent media flexibility - A6 to A3 and up to 1321mm banners
- Up to 35ppm colour print speed
- Fast duplex printing
- Paper capacity up to 2,005 sheets and media weights between 64 and 256gsm
- ProQ2400 Multi-level technology and 1200 x 600dpi print quality
- Citrix Xen app 7.6 compatibility - ideal for virtual network environment

Easy to use

- Easy to set-up and get started
- Store templates and documents on the device for all users to print without authentication (Shared Print)
- When new features are available you can update the device via the OKI portal
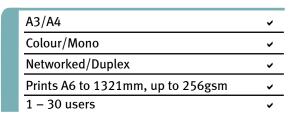
Important security features

- Keep documents confidential with Private Print and optional Card Release, so users can view all print jobs before selecting which ones to print
- Internet Protocol Security (IPSec) compliance, ensuring securing that documents are safely sent and received

Advanced connectivity

- Wireless Direct offers safe simultaneous connection of wired and wireless networking
- Optional Wireless LAN Module available
- Gigabit Ethernet enables fast transfer of large colour files across the network
- Google Cloud Print 2.0 ready, enabling printing on the move

Cost and energy saving

- Print marketing materials in-house, thanks to outstanding print quality and media flexibility
- Deep Sleep mode saves energy, Auto-Off mode automatically powers down to less than 0.5W when not in use
- Toner Save to reduce cost, when printing draft or internal documents
- Duplex printing reduces paper usage
- Mono only printing when colour cartridges are empty
- Free consumables recycling programme
- LED technology means no moving parts for a longer life

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

ES8433dn - Colour and Mono Printer

PRINTER

Print speed	A4: 35ppm colour/mono; A3: 20ppm colour/mono
Time to first print	9.5 seconds colour/mono
Warm up time	Approx. 25 seconds from power on and approx. 20 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)
Printer languages	PCL6 (XL3.0) and PCL5c, PostScript3 emulation, PDF v1.7, SIDM (IBM-PPR, EPSON-FX), XPS
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, Google Cloud Print, Wireless IEEE802.11a/b/g/n, WEP, WPA, WPA2, Personal, Enterprise
OS Compatibility[1]	Windows Vista (32-bit & 64-bit) / 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); Linux PPD / Mac OS X 10.8.5 to 10.11
Advanced networking & security	IPv6, 802.1x authentication, SNMP V3, SSL3/TLS HTTPS encryption, Secure Print[2], Secure Erase[2], Data Encryption[2], 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, Web Driver Installer[3], Network Card Setup[6], Configuration Tool[3], PS Gamma Adjuster, PDF Direct Print[3], Firmware Update Tool, Profile Assistant[6]

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
Maximum paper capacity	2,005 sheets of 80gsm
Paper sizes	**Tray 1:** A3, A4, A5, A6, B4, B5; **Tray 2/3/4:** A3, A4, A5, B4, B5; **Multi-purpose tray:** A3, A4, A5, B4, B5, A6; 11 Envelopes (Com-10, DL, C5,C4), Custom size (up to 1321mm length including banner); **Duplex:** A3, A4, A5, B4, B5; Custom size: Width 148.5-297mm Length 182-431.80mm
Paper weight	**Tray 1:** 64 to 220gsm; **Tray 2/3/4:** 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	**Standard RAM:** 256MB; **Maximum RAM:** 768MB **Optional SDHC Memory Card[4]:** 16GB
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:** 700W; **Max:** ‹1400W; **Idle:** 100W; **Power save:** 12W; **Deep Sleep:** ‹1.0W; **Auto-Off:** ‹0.15W
Noise level	**Operating:** ‹52dB(A); **Standby:** 32dB(A) or less; **Power save:** Background level
Dimensions (WxDxH)	449 x 552 x 360mm
Weight[5]	40kg approx
Duty cycle	**Maximum:** 75,000 pages/month; **Recommended:** 1,500 to 5,000 pages/month
Warranty	1 year
Product order number	**ES8433dn:** 46396624

ACCESSORIES (ORDER NUMBERS)

Memory	**256MB:** 01182907; **512MB:** 01182908
SDHC Memory Card[4]	**16GB:** 44848903
2nd/3rd/4th paper tray	45887302
Banner tray	45015702
Cabinet	01321101
Pedestal with castors	44853903
Wireless LAN Module	45830202
IC Reader Holder	46539501

CONSUMABLES (ORDER NUMBERS)

Toner cartridges* (10,000 pages)	Cyan: 46443119; Magenta: 46443118; Yellow: 46443117; Black: 46443120
Image drums** (30,000 pages)	Cyan: 46438015; Magenta: 46438014; Yellow: 46438013; Black: 46438016
Transfer Belt (80,000 pages)	44846204
Fuser Unit (100,000 pages)	44848805

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

[1]Check local OKI website for latest driver releases and OS compatibility; [2]SDHC Memory Card required; [3]Windows only; [4]Secure Digital High Capacity (SDHC) Memory Card supports up to 32GB. OKI is not responsible for any compatibility risk using non OKI genuine SDHC Memory Card; [5]Including all consumables; [6]MacOSX only;

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.

ENERGY STAR

Google Cloud Print 2.0 Ready

OKI

Open up your dreams