ES5432dn/ES5442dn Specifications

Smart, intuitive A4 colour printing that raises the bar for small businesses and workgroups

Ultra-fast and with a powerful new engine, these printers bring new standards of print quality and document security to small businesses and workgroups. On top of this, the ES5442dn puts the transformational benefits of smart printers within reach too, incorporating a customisable 7" colour LCD touch screen and OKI's smart extendable platform (sXP) which provides connectivity into a pull printing fleet.

Efficient working that improves productivity

- Impressive print speeds of 30ppm in colour
- Paper capacity up to 1,410 sheets with two optional trays
- 1GB RAM memory for trouble-free printing of graphics-intensive documents
- Gigabit Ethernet enables fast transfer of large colour files across the network
- Mobile printing from smartphones and tablets, Google Cloud Print 2.0 ready, as well as being compatible with AirPrint by Apple Inc.
- Optional Wireless LAN Module available
- Store templates and documents on the device for all users to print without authentication (Shared Print)
- Citrix Xen app 7.6 compatibility - ideal for virtual network environment

Outstanding print quality and media flexibility

- True 1200 x 1200dpi print resolution for outstanding print quality
- Flexible media handling - from A6 to 1320mm banners; card stock up to 220gsm
- Duplex printing as standard

Simple to set-up, use and own

- Easy to set-up and get started
- Video guidance for installation and changing consumables
- When new features are available you can update the device via the OKI portal
- Trouble-shooting on the device screen and via OKI Mobile Print app (ES5442dn)
- Quiet mode ideal for smaller offices

Important security features

- Wireless Direct feature offers safe simultaneous connection of wired and wireless networking
- 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

OKI's open architecture sXP (ES5442dn)

- sXP allows for connectivity to pull printing fleet and other devices
- Intuitive, customisable 7" colour LCD touch screen
- Potential to run third-party applications on the device, such as PaperCut MF and Drivve Image
- Access to document management software SENDYS Explorer LITE at no extra cost
- SENDYS Output Manager option, allowing administrator to manager all users' print jobs, reducing costs and environmental impact
- Software development kit (SDK) available for rapid implementation of a custom solution

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 costs, when printing draft or internal documents
- Duplex printing reduces paper usage
- Free consumables recycling programme
- LED technology means no moving parts for a longer life

A4	✔
Colour/Mono	✔
Duplex/Networked	✔
Prints A6 to 1320mm, up to 220gsm	✔
1 – 20 users	✔

ES5432dn/ES5442dn - Colour and Mono Printers

Printer

A4 Print speed	30ppm colour/mono
Time to first print	7.5 seconds colour/mono
Warm up time	**ES5432dn:** Up to 27 seconds from power on and up to 28 seconds from power save
	ES5442dn: Up to 35 seconds from power on and up to 28 seconds from power save

Interface and Software

Connectivity	USB 2.0 Device, 10Base-T/100Base-TX/1000Base-T Ethernet, Host USB x 1 (Front), Host USB x 1 (IC Card Reader connection), Wireless IEEE802.11a/b/g/n (Optional)
Printer languages	PCL6 (XL3.0) and PCL5c, PostScript 3 (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]	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, SNMPv3, SSL/TLS HTTPS encrpytion, Secure Print, Secure Erase, MAC filtering, IP filtering, IPSec
Utility suite[1]	Configuration Tool[2], Color Correct Utility, Color Swatch Utility[2], Driver Installer[2], Firmware Update Tool, Front End Installer[2], LPR Utility[2], Maintenance Utility[2], Network Card Setup[3], Network Extension[2], PDF Print Direct[2], Print Job Accounting Client, Profile Assistant[3], PS Gamma Adjuster, SENDYS Explorer Lite[2] (C542dn only), smart PrintSuperVision[2], Template Manager[2], Web Driver Installer[2]

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	1200 x 1200dpi
Enhancements	Auto Color Balance, Photo Enhance via driver (Windows PCL6 driver only)

Paper Handling

Paper capacity	**Tray 1:** 250 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm
Paper capacity optional trays	**Tray 2:** 530 sheets of 80gsm; **Tray 3:** 530 sheets of 80gsm
Maximum paper capacity	1,410 sheets of 80gsm
Paper sizes	**Tray 1**: A4, A5, B5, A6, B6; **Tray 2/3**: A4, A5, B5; **Multi-purpose tray:** A4, A5, B5, A6, B6, B6 Half, Envelopes (C5, DL, Com-9, Com-10, Monarch), Index Card (3" x 5") (75 x 125mm), Photo Size (4" x 6", 5" x 7")(100 x 150mm, 125 x 175mm), Custom Size (up to 1320mm length including banners); **Duplex:** A4, A5, B5
Paper weight	**Tray 1/2/3:** 64 to 176gsm; **Multi-purpose tray:** 64 to 220gsm; **Duplex:** 64 to 176gsm
Duplex	Standard
Paper output	**Face Down:** 150 sheets of 80gsm; **Face Up:** 100 sheets of 80gsm

Operator Panel (ES5442dn)

LCD Touch-screen	7' (17.5cm) Colour backlit LCD touch screen & key top; 20 Hard Keys, 2 LED's

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:** 670W; **Max:** 1250W; **Idle:** 90W; **Power Save:** <14W; **Deep Sleep:** <1.1W; **Auto-Off:** <0.5W
Noise level	**Operating:** <54dB(A); **Standby:** 37dB(A); **Power save:** Inaudible
Dimensions (WxDxH)	427 x 571 x 279mm
Weight[4]	**ES5432dn:** 23kg; **ES5442dn:** 24kg
Duty cycle	**Maximum:** 60,000 pages/month; **Recommended:** Up to 6,000 pages/month
Product order numbers	**ES5432dn:** 46356112; **ES5442dn:** 46356122

Accessories (Order Numbers)

2nd paper tray	46361802
3rd paper tray	46361802
Wireless LAN Module	45830202
Cabinet	46567701

Consumables (Order Numbers)

Toner cartridges* (6,000 pages)	Cyan: 46490623; Magenta: 46490622; Yellow: 46490621
Toner cartridges* (7,000 pages)	Black: 46490624
Image drums (30,000 pages)**	Cyan: 46484123; Magenta: 46484122; Yellow: 46484121; Black: 46484124
Transfer Belt (60,000 pages)	46394902
Fuser Unit (60,000 pages)	46358502

*Toner: A4 pages yield compliant with ISO/ISC 19798.
Printer shipped with toner for 5,000 (CMY) and 6,000 (K) A4 pages.
**Drum: Average life of 3 pages per job from tray 1 in simplex mode

[1]Check local OKI website for latest driver releases and OS compatibility; [2]Windows only; [3]Mac only;[4]Including all consumables

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.

[#]Available through the OKI Firmware Portal in 2017

OKI Systems (UK) Ltd.
Blays House, Wick Road
Egham, TW20 0HJ
United Kingdom
+44(0) 1784 274300
www.oki.com/uk

ENERGY STAR AirPrint Google Cloud Print 2.0 Ready

©2016 Oki Europe Ltd. Oki Europe Ltd. is part of the Oki Electric group of companies. Version 1.0 08/2016.
Specification subject to change without notice. All trademarks acknowledged.
AirPrint and the AirPrint logo are trademarks of Apple Inc. Google Cloud Print is a trademark of Google Inc.

OKI
Open up your dreams