

ES5431dn

**OKI**



**Professional colour printer with cost efficient features for your business or workgroup**

**LED**

EXECUTIVE  
SERIES

# The ES5431dn - putting you in control of your printing

Fast, professional quality colour printer that small and medium sized businesses can rely upon to deliver consistently over and over again

Perfect for busy organisations, offering maximum return on investment with high efficiency, high capacity consumables and many other cost saving features.

## **No need to compromise on high quality output**

The ES5431dn desktop colour printer puts you in control of your printing, with high quality output and flexible media handling. In addition OKI's comprehensive software tools allow you to monitor and manage your printers and print usage across your network.

Compact, ergonomic and energy efficient, the ES5431dn uses award winning digital LED technology to provide fast, reliable, High Definition colour output. OKI are pioneers of LED printing technology and have been delivering sharper, more vibrant colour printing for over 20 years.

With a range of features as standard, including double-sided printing, network ready connection, print speeds of up to 30ppm, as well as high capacity consumables and you have a printer that offers great value for money alongside reduced ongoing costs.

## **In-house printing that saves time and money**

The use of High Definition digital LED technology achieves a superior level of print quality. This, combined with flexible media handling and OKI's unique Template Manager, means that small to medium sized businesses can now create and print a wide variety of documents and marketing materials in-house. These include business cards,

CD/DVD labels, leaflets, presentations and banners up to 1320mm.

## **Designed with energy efficiency in mind**

Deep Sleep mode reduces power consumption to minimal levels when the unit is not being used and Auto-Off mode turns off the device completely if it hasn't been used for a long time.

## **Reliability you can depend upon**

OKI printers are inherently more reliable due to LED technology which uses fewer moving parts.



# Key Features

## Easy-to-use control panel

The easy to use control panel guides you intuitively through menus.



## Reduce paper usage with duplex printing

Standard automatic double-sided printing up to 176gsm, enables production of professional quality documents and reduces paper usage.

## Reduce energy consumption with Auto-Off mode

Auto-Off mode ensures lower electricity usage and reduces carbon footprint.



## Flexible paper handling

The paper tray is easily accessible and holds up to 250 sheets of paper, which can be extended to 880 sheets through the addition of a second paper tray.



## Higher capacity consumables for less user intervention

Consumables are easy to access and simple to replace. High capacity toner cartridges and long life drums\* reduce user interventions and lower total cost of ownership.



## 100-sheet multi-purpose tray and face up exit tray

Take advantage of the flat paper path and print banners up to 1320mm long on media up to 220gsm from the convenient multi-purpose tray.



## Features at a glance

ES5431dn

Features at a glance	ES5431dn
Print speed	A4: 26ppm colour/30ppm mono
Processor	532MHz
Duplex	✓
Network	✓
Language	PCL/PS
Memory	256MB

\*Up to 30k mono, up to 20k colour

# Smarter printing with OKI

The ES5431dn is the perfect partner for demanding workgroups that need to print colour, print fast and print smart.

**Save time  
and money  
by printing  
in-house**

## Versatile in-house printing that reduces your costs

Make an impact with this A4 desktop colour printer. You can print sharp, clear and vibrant documents, including business cards, banners and CD/DVD labels, in High Definition colour, on a range of different media weights and sizes.

Save time, money and hassle by being in control of what you print, without having to rely on a high street print shop. Produce the highest quality professional quality documents efficiently and cost effectively when you need them, providing you complete flexibility whilst improving lead times and reducing wastage.



*Banners*



*Graphs*



*Leaflets*



*Posters*



*Booklets*

# Smarter printing solutions from OKI

OKI provides a suite of software, offering added functionality, control and efficiencies for your business.

## Template Manager

Create and print many types of business stationery and promotional material in-house:

- brochures
- address labels
- business cards
- CD/DVD labels
- large banners (up to 1320mm length)

## PrintSuperVision

For the management and control of networked printers and MFPs:

- manage devices and troubleshoot any problems
- monitor which printers require new toners before they run out
- limit user intervention maintaining productivity workflow
- provide complete control and visibility of all printers across your network

## Print Job Accounting

Provides visibility and control of your organisation's print spend:

- visibility and control of print usage within your business
- restrict access to individuals and or groups
- manage printing within defined cost limits
- create reports on volume, paper size, media type and consumables usage

Visit [WWW.OKIEXECUTIVESERIES.CO.UK/SUPPORT](http://WWW.OKIEXECUTIVESERIES.CO.UK/SUPPORT) to download this suite of software

## Printing while on the move

OKI brings mobile printing to the workplace through innovation and technology. Many of our products, including the ES5431dn are now compatible with mobile printing applications allowing you to print directly from your mobile device over wireless networks.

Using readily available software and apps, such as ePrint, and Cortado Workplace, you or your visiting client can now print directly from an iPad, iPhone or smartphone to OKI's high definition printing devices, great for printing documents wherever you are without the need to connect to a PC or Mac. For further information on mobile printing visit our web pages [WWW.OKI.CO.UK/MOBILEPRINTING](http://WWW.OKI.CO.UK/MOBILEPRINTING)



Labels



## Improving efficiency and reducing environmental impact

The ES5431dn is one of the most efficient printers available on the market, exceeding current efficiency standards.

These outstanding devices have many features that reduce your impact upon the environment, whilst also reducing your on-going costs. Deep Sleep mode automatically reduces power consumption to as little as 1.5w when the unit is not printing whilst Auto-Off mode turns power off completely after longer periods of non-use.

### Reducing power consumption

- Based on LED technology that inherently consumes less energy
- **Eco mode** – improves throughput performance and reduces energy consumption
- **Deep Sleep mode** – reduces energy consumption to 1.5W
- **Auto-Off mode** – automatically powers off the unit after periods of non-use

### Duplex printing as standard

- Reduces paper usage

### Reducing toner usage

- **Toner Save function** – reduces the amount of toner used when printing draft or internal documents
- OKI offers customers a free consumables recycling programme. Currently 97% of all materials returned through the scheme are recycled



## A printer to suit any small to medium sized business or workgroup

The ES5431dn offers outstanding functionality and print quality to small and medium sized businesses and workgroups. Feature driven, this portfolio of printers offer lower cost of ownership, reducing your ongoing costs whilst providing fast and efficient operation.

### ES5431dn – For small to medium sized businesses with flexible platform support and optional secure print

- 1 to 20 users
- 26ppm colour/30ppm mono print speeds
- PCL and PS printer languages
- Optional 2nd paper tray (530 sheets)
- Optional free standing cabinet
- Optional SDHC memory provides secure print to protect valuable data



# Product Specifications

PRINTER	
<b>A4 Print speed</b>	26ppm colour, 30ppm mono
<b>Time to first print</b>	8 seconds colour, 7.5 seconds mono
<b>Warm up time</b>	Up to 60 seconds from power on & up to 32 seconds from power save
<b>Processor speed</b>	532MHz
INTERFACE AND SOFTWARE	
<b>Connectivity</b>	USB 2.0 High Speed, 10/100 TX Ethernet
<b>Printer languages</b>	PCL6 (XL3.0 & PCL5c) PostScript 3 emulation, SIDM (IBM-PPR, EPSON-FX)
<b>Network &amp; protocols</b>	All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IP: ARP, IPv4/v6, ICMPv4/v6, TCP, UDP, LPR, FTP, TELNET, HTTP(IPP), BOOTP, DHCP, SNMPv1/v3, DNS, DDNS, UPnP, Bonjour, WINS, SSL/TLS, SMTP, POP3, SNTP, WSDPrint, LLTD, JetDirect protocols, NetBIOSoverTCP; NetWare3.x, 4.x, 5.x and 6 with full NDS and NDPS support:- PServer, RPrinter, NDPS supported via dedicated OKI NDPS Gateway; AppleTalk: ELAP, AARP, DDR, AEP, NBP, ZIP, RTMP, ATP, PAP; NetBEUI: SMB, NetBIOS; Other: EAP
<b>OS Compatibility<sup>1</sup></b>	Windows XP Home / XP Professional (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit) / Server 2008 R2 (64-bit) / Vista (32-bit & 64-bit) / Windows 7 (32-bit & 64-bit); Mac OS X 10.3.9 to 10.7
<b>Advanced networking &amp; security</b>	IPv6, 802.1x authentication, SNMPv3, SSL/TLS, HTTPS encryption, MAC filtering, IP filtering, IPSec
<b>Utility suite<sup>1</sup></b>	Template Manager <sup>2</sup> , Color Correct, OKI LPR <sup>2</sup> , Color Swatch Utility <sup>2</sup> , PrintSuperVision.net <sup>2</sup> , PrintSuperVision Multiplatform <sup>2</sup> , Print Job Accounting Server <sup>2</sup> , Print Job Accounting Client, Web Driver Installer <sup>2</sup> , Network Card Setup, Configuration Tool <sup>2</sup> , ICC Color Profiles, PS Gamma Adjuster, Profile Assistant <sup>3</sup> , PDF Direct Print <sup>2</sup>
TYPEFACES	
<b>Printer fonts</b>	Scalable: 87 PCL Fonts and 80 PostScript fonts, PCL Bitmap fonts, OCR-A/B, USPS ZIP Barcode
<b>Barcode</b>	Barcode with Checksum support
PRINT QUALITY	
<b>Resolution</b>	ProQ2400 Multi-level Technology, 1200 x 600dpi, 600 x 600dpi
<b>Enhancements</b>	Auto Color Balance, Photo Enhance via driver

GENERAL FEATURES	
<b>Memory</b>	<b>Standard RAM:</b> 256MB; <b>Maximum RAM:</b> 768MB <b>Optional SDHC Memory Card<sup>4</sup>:</b> 16GB
<b>Environment</b>	<b>Operating temperature/humidity:</b> 10°C to 32°C (17°C to 27°C recommended) / 20% to 80% RH (50% to 70% RH recommended) <b>Storage temperature/humidity:</b> -10°C to 43°C, 10% to 90% RH
<b>Power supply</b>	Single phase 220-240VAC, frequency 50/60Hz +/-2%
<b>Power consumption</b>	<b>Typical:</b> 540W; <b>Max:</b> 1170W; <b>Idle:</b> 90W; <b>Power Save:</b> <14W; <b>Deep Sleep:</b> <1.5W; <b>Auto-Off:</b> <0.5W
<b>Noise level</b>	<b>Operating:</b> <54dB(A); <b>Standby:</b> 37dB(A); <b>Power save:</b> Inaudible
<b>Dimensions (HxWxD)</b>	242 x 410 x 504mm
<b>Weight<sup>5</sup></b>	22kg
<b>Product order number</b>	<b>ES5431dn:</b> 01327901

ACCESSORIES (ORDER NUMBERS)	
<b>2nd paper tray</b>	44472102
<b>Cabinet</b>	01314101
<b>Memory</b>	<b>256MB:</b> 01182907; <b>512MB:</b> 01182908
<b>SDHC Memory Card<sup>4</sup></b>	<b>16GB:</b> 01272701

PAPER HANDLING	
<b>Paper capacity</b>	<b>Tray 1:</b> 250 sheets of 80gsm; <b>Multi-purpose tray:</b> 100 sheets of 80gsm
<b>Paper capacity optional trays</b>	<b>Tray 2:</b> 530 sheets of 80gsm
<b>Maximum paper capacity</b>	880 sheets of 80gsm
<b>Paper sizes</b>	<b>Tray 1:</b> A4, A5, B5, A6; <b>Tray 2:</b> A4, A5, B5; <b>Multi-purpose tray:</b> A4, A5, B5, A6, 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); <b>Duplex:</b> A4, A5, B5
<b>Paper weight</b>	<b>Tray 1/2:</b> 64 to 176gsm; <b>Multi-purpose tray:</b> 64 to 220gsm; <b>Duplex:</b> 64 to 176gsm
<b>Duplex</b>	Standard
<b>Paper output</b>	<b>Face Down:</b> 150 sheets of 80gsm; <b>Face Up:</b> 100 sheets of 80gsm

## What can you do with a ES5431dn?

Benefit from the class leading performance of this versatile A4 colour printer.

### Small businesses

Print everyday documents and get creative by producing sales and marketing literature in-house

### Estate agencies

Take advantage of the vibrant colour output to produce new property details, window display cards and customer mailings on demand

### Schools and Colleges

Use for everyday printing of letters and reports as well as producing school notices, colourful timetables and banners

### Car Dealerships

Print correspondence and produce everything from reports to business cards, used car lists and promotion banners for the showroom

### Events Management

Produce all the documents event planning generates, including invitations, brochures, place tags, ID cards, event maps and wrist bands

### Hotel Business Centre

Stand out from the rest and bring creative full colour support to the business traveller

## Why OKI?

OKI is the business printing specialist.

Our single-minded aim is to help businesses to grow and to prosper by enabling them to create the best possible impression with their printed communications. By building on our proven, reliable, single-pass technology, we have developed fast, high quality, cost-effective printing solutions that benefit businesses today and into the future.

We also know how important reliability is for customers. That's why every one of our products is built to perform, day in, day out, helping to maintain business efficiency and provide that competitive edge.

OKI. No one does more in business printing.



### Considering the Environment

As part of the OKI Group's Charter of Corporate Conduct, OKI continually reviews its efforts to provide environmentally sound solutions to its customers:

- Our products are designed and manufactured with reducing the impact on the environment in mind.
- Increasing the amount of our hardware products and consumables that are recycled is one of our strategic objectives.
- We feel responsible for conducting our business in an environmentally sound manner, contributing to conservation and activities within our local communities.

OKI's Green Leaf symbol, found on all products and packaging, represents our total commitment to collection, recycling and environmental processes.



### CarbonZero Manufacturing Facilities

OKI's three main production facilities, located in Ayutthaya (Thailand), Shenzhen (China) and Fukushima (Japan), which manufacture printers and MFPs for the company's European and broader global markets have been made "CarbonZero" in a bid to slow down global climate change. This initiative is in accordance with our commitment to reduce total Greenhouse Gas Emissions, with an emissions reduction target of 6 per cent by the end of 2012. This target is in line with the United Nations climate change objectives. We have invested in a range of carbon offsetting projects through CO<sub>2</sub> balance, to offset these factories' carbon emissions making them 'CarbonZero'.

## Why Executive Series?

Heritage of award winning products.

Building on OKI's heritage of award winning products, the exclusive Executive Series range of Multifunction Products, colour and mono printers provide hassle-free document solutions, budgetary control and enhanced workflow efficiency.

Our selected Executive Series partners can provide a print strategy and tailored solution that delivers total peace of mind through fully serviced products and the benefits of predictable budgeting.



### Energy Star

Our printers and MFPs have earned the Energy Star by helping to eliminate energy waste through particularly energy-efficient designs. They use less energy to perform regular tasks. When not in use, they automatically enter a powersave mode and product features such as, duplex printing, further reduce the wasting of energy and paper resources.



### High Definition Color

High Definition Color is OKI's own unique set of market defining hardware and software technologies. Together, these components deliver unsurpassed colour printing simply, intelligently, and with perfect results.

## Great colour starts with OKI



### 20 years of LED Technology

OKI pioneered the development of digital LED technology in printers over 20 years ago. This innovation delivers High Definition printing – for more accurate, striking printed documents. Thanks to this digital LED technology, our printers are compact, environmentally friendly and energy efficient, using significantly less raw materials in the manufacturing process and consuming less energy. LED print heads have no moving parts, making our LED printers robust and ultra reliable.

<sup>1</sup>Optional SDHC Memory card required for Secure Print