OKI

ES6450

The World's smallest high-performance A4 colour printer

BUILT TO PERFORM.
BUILT TO CREATE.

LED

3 YR WARRANTY
WHEN YOU REGISTER YOUR PRODUCT

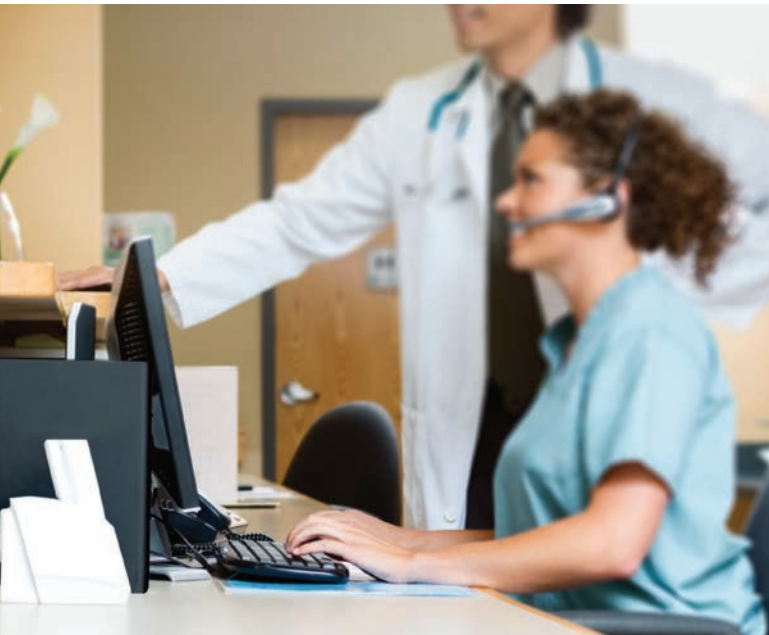# THE COMPACT COLOUR PRINTER, WITH MASSIVE PERFORMANCE

Meet the small colour printer that doesn't compromise on cost effectiveness, productivity or efficiency.

For organisations where space is at a premium, buying a compact printer traditionally meant compromising on quality, productivity or running costs.

Not anymore. The ES6450 from OKI, delivers the performance, media handling and cost-efficiency of a workgroup device, in the format of an A4 colour desktop printer.

Make short work of everything from marketing collateral to customer invoices with high-speed printing in rich LED colour. Full front access means the device is not only tiny but also fits into the tightest of spaces with no requirement to open any side of the device except the front throughout the life of the printer. Durable components ensure reliability long into the future. And, with running costs designed for heavy use, the ES6450 makes high-volume, high-quality colour printing inexpensive and efficient.

Who is the ES6450 for?

The ES6450 thrives anywhere space is tight and performance is a priority. Whether you need a durable device that can survive the rough and tumble of the warehouse floor, or to slot neatly into an enclosed space in a kiosk or on a production line, while being equally at home in the back office where demanding users require high print volumes and excellent quality, the ES6450 provides the flexibility to adapt to the specific needs of your business.

Why the ES6450?

- **Extremely compact –** Designed to work in the tightest of spaces, the ES6450's small frame requires a minimal space to operate. With full front access and only 2cm required on the sides to function and for maintenance, the ES6450 can be placed almost anywhere.

- **Superior print speed –** Despite the minimal size, and minimal maintenance space required, the ES6450 outperforms in both print speed and media handling, printing up to 35 pages a minute, while also printing with ease on media up to 256gsm or up to 1.32m long.

- **Reliable –** Thanks to its new unique design making much more use of metal in place of plastic, the ES6450 is the most robust device its class. Designed for a long, durable life, it simply gets on with its job.

- **Exceptional print quality –** Create documents and marketing collateral in stunning colour with LED technology, quickly and easily without compromise.

- **Unrivalled ROI –** The ES6450 is designed to print, and print, and print. Its very long life and high duty cycle are supported with separate toners and drums to ensure the maximum usage of all consumables – perfect for high volume, high coverage colour printing. All consumables are user changeable with no hidden surprises. The ES6450 just gets on with its job, enabling you to get on with yours.

ES6450

PRINTER

A4 Print speed	35ppm colour/mono
Time to first print	6.5 seconds colour/mono
Warm up time	≤ 20 seconds from power on ≤ 11 seconds from power save

INTERFACE AND SOFTWARE

Connectivity	**Standard:** 10/100/1000 Base Ethernet, USB 2.0 Device, USB 2.0 Host x 1, NFC[4]; **Optional:** Wireless 802.11a/b/g/n
Printer languages	PCL 6 (XL3.0) emulation, PCL 5c emulation, Epson FX Emulation, PostScript 3 emulation, PDF 2.0 emulation, IBM ProPrinter emulation
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, HTTP, HTTPS, DNS, DDNS, WINS, Bonjour, SMTP, SMTPS, POP3, POP3S, SNMPv1&v3, SNTP, IPP, IPPS, IPSec, WSD Print, LLTD, IEEE802.1X, LPR, Port9100, Telnet, FTP, FTPS, AirPrint, Wireless IEEE802.11a/b/g/n[2], WEP[2], WPA (Personal, Enterprise)[2], WPA2 (Personal, Enterprise)[2]
OS Compatibility[1]	Windows 10, Windows 10 x64, Windows 8.1, Windows 8.1 x64, Windows 8, Windows 8 x64, Windows 7, Windows 7 x64, Windows Server 2019, Windows Server 2016, Windows Server 2012 R2, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows Server 2008 x64 ,macOS X 10.15, macOS X 10.14, macOS X 10.13, macOS X 10.12, macOS X 10.11, iOS, Linux, Android
Advanced networking & security	IPv6, 802.1x authentication, SNMP V3, SSL3/TLS HTTPS encryption, Secure Print, Secure Erase, Data Encryption, IP filtering, IPSec, MAC Filtering
Utility suite[1]	Print Job Accounting Client, Firmware Update Tool, PS Gamma Adjuster, Color Correct, SENDYS Explorer[3]; **Windows:** Template Manager, OKI LPR, Color Swatch Utility, Driver Installer Generator, smart PrintSuperVision, Configuration Tool, Network Extension, Monitoring Tool; **MacOSX:** Network Card Setup, Profile Assistant; **Android/iOS:** Mobile Print; **Android:** NFC Setting Tool; **iOS:** Firmware Update Tool

TYPEFACES

Printer fonts	PCL emulation 87 scalable fonts, PostScript emulation 80 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(Model2)

PRINT QUALITY

Resolution	600 x 600 dpi, 1200 x 1200 dpi
Enhancements	Auto Color Balance, Photo Enhance via Driver (Windows PCL6 driver only)

[1] Check local OKI website for latest driver releases and OS compatibility
[2] Only available with Wireless Network W-LAN
[3] For more information visit www.sendysexplorer.com
[4] Print through OKI Mobile Print App (Android/iOS). Wireless LAN option is also required to print via NFC.

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; **Tray 4**: 530 sheets of 80gsm
Maximum paper capacity	1,940 sheets of 80gsm
Paper sizes	**Tray 1:** A4, A5, A6, B5, B6, Custom size: Width 100-216mm Length 148-356mm; **Tray 2/3/4:** A4, A5, A6, B5, B6, Custom size: Width 105-216mm Length 148-356mm; **Multi-purpose tray:** A4, A5, A6, B5, B6, B7, B8; Envelopes (Com-9, Com-10, DL, C5), Custom size: Width 55-216mm Length 91-1,321mm; **Duplex:** A4, A5, A6, B5, B6, Custom size: Width 105-216mm Length 148-356mm
Paper weight	**Tray 1**: 60 to 256gsm; **Tray 2/3/4:** 64 to 176gsm; **Multi-purpose tray:** 60 to 256gsm; **Duplex:** 64 to 176gsm
Duplex	Standard
Paper output	150 sheets face down, 100 sheets face up, 80gsm

GENERAL FEATURES

Memory	1GB RAM; 3GB eMMC
Processor	ARM® Cortex®-A9
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
Power supply	Single phase 220–240VAC, frequency 50/60Hz +/- 2%
Power consumption	**Typical:** 840W; **Max:** 1,150W; **Idle:** 20W; **Power Save:** <14W; **Deep Sleep:** <1.1W; **Auto-Off:** <0.15W
Noise level	**Operating:** 54dB(A) or less; **Standby:** 32dB(A) or less ; **Power save:** Inaudible
Dimensions (HxWxD)	290 x 395 x 430mm
Operating space required (HxWxD)	490 x 435 x 654mm
Weight	28.2kg (including all consumables)
Duty cycle	**Maximum:** 100,000 pages/month; **Average:** 8,000 pages/month
Warranty	3 years extended warranty upon registration within 30 days of purchase^
Product order numbers	**ES6450:** 09006135

ACCESSORIES (ORDER NUMBERS)

Option Tray	YA8001-1025G004
Caster Base	09006140
Wireless LAN	45830222

CONSUMABLES (ORDER NUMBERS)

Toner cartridges* (6,000 pages)	Cyan: YA8001-1088G039; Magenta: YA8001-1088G038; Yellow: YA8001-1088G037
Toner cartridge* (7,000 pages)	Black: YA8001-1088G040
Image drum** (50,000 pages)	Cyan: YA8001-1099G015; Magenta: YA8001-1099G014; Yellow: YA8001-1099G013; Black: YA8001-1099G016
Transfer Belt (60,000 pages)	YA8001-1027G014
Fuser Unit *** (60,000 pages)	YA8001-1032G014

* Toners: A4 pages yield compliant with ISO/IEC 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 5,000 (CMY) and 6,000 (K) A4 pages @ ISO/IEC 19798 coverage.

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 (Australia) or http://warranty.oki.co.nz (New Zealand). Without registration, the standard 1 year warranty applies.

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