



## The versatile smart MFP, simple to use and seamlessly integrated into document workflow

The ES8453 MFP A3 colour multifunction printer is the perfect choice for small workgroups, offering excellent print quality and copy functionality all in a compact yet powerful device that has a low total cost of ownership. While also providing all the functionality you would expect from higher-priced devices.

With an easy to use and fully customisable 7" touch screen interface the whole workgroup can take advantage of its excellent performance. OKI's smart Extendable Platform (sXP) ensures the ES8453 MFP sits at the heart of your document workflows.

### Outstanding features to support your day to day document requirements

- Customisable 7" colour LCD touch screen with intuitive menu system, enhanced help functionality and Job Macro functions for frequent actions
- OKI's smart Extendable Platform (sXP) allows seamless integration with document workflows and 3rd party solutions
- Range of 'in the box' software solutions for added functionality and control including SENDYS Explorer, ABBYY FineReader, smartPrintSuperVision and mobile printing solutions
- High capacity toners reduce total cost of ownership and user intervention

### Delivering exceptional colour at impressive speeds

- High resolution colour and mono printing with print speeds of up to 23ppm and 14 seconds to first print
- Duplex printing as standard and encrypted Secure Print function for protected printing
- Paper capacity of up to 2,005 sheets with auto sensing multi-purpose tray for printing on a wide variety of media sizes and weights, from A6 to 1.3m long banners and up to 256gsm

### Enhanced fax functionality with Super G3 speed

- Super G3 sends and receives faxes at high speed, with resolution up to 392dpi
- Fax documents directly from or to your PC or forward faxes to another fax machine or an email address
- Block junk faxes and store and view incoming faxes on 7" display
- 40 one-touch buttons and 1,000 speed dials to save time

### Improve document workflow with High Definition LED colour scanner

- Fast scan speed of up to 50spm and 100 sheet RADF for multi-page, single and double sided documents
- USB and network TWAIN scanning and save scan settings for repeated tasks
- LDAP provides direct access to contact and email data from existing directory server
- Job Build function enables multiple documents to be scanned to create one single document
- Scan directly to: USB, Network folder, email, FTP server, Local PC and Remote scan

### LED scanning and printing delivering superior copy quality

- Fast, high quality copy output of up to 23cpm with automatic document collation
- Job Macro function enables the user to programme frequently used copy settings
- ID Card copy for simple copying of double sided ID cards on a single sheet
- Convenient built-in stapler as standard, for easy post production finishing

A4/A3	✓
Colour/Mono	✓
Print, Scan, Copy and Fax	✓
Prints A6 to 1.3m long banners, up to 256gsm	✓
1 – 25 users	✓

**Variants available:**  
ES8453dn MFP: duplex, networked

EXECUTIVE  
SERIES



## ES8453 MFP - Colour and Mono Multifunction Products

PRINTER	
<b>A4 Print speed</b>	<b>A4:</b> 23ppm colour/mono; <b>A3:</b> 13ppm colour/mono
<b>Time to first print</b>	14 seconds colour/mono
<b>Warm up time</b>	32 seconds or less from power on
<b>Processor speed</b>	800MHz
SCANNER	
<b>Resolution</b>	600 x 600dpi
<b>Speed</b>	Up to 50spm
<b>Colour depth</b>	Output 24 bit (8 bit x 3 RGB)
<b>Document input</b>	Up to 100 sheet RADF
<b>Contrast</b>	7 Levels
<b>Format</b>	PDF/High compression PDF/Secure PDF, TIFF, JPEG, XPS
<b>Address book</b>	LDAP, 1000 Email addresses, 20 group addresses
<b>Scan to</b>	Shared folder (CIFS, FTP, HTTP), E-Mail, USB Memory, Local PC, Remote scan
COPY	
<b>First copy out</b>	14.5 seconds colour/mono
<b>Speed</b>	23cpm colour/mono
<b>Resolution</b>	300/600dpi
<b>Reduction / Enlargement</b>	Zoom 25-400 %
<b>Maximum copies</b>	999
FAX	
<b>Connectivity</b>	RJ11 x 2 (Line/Tel) PSTN, PBX
<b>Speed</b>	ITU-T G3 (Super G3) 33.6kbps
<b>Fast dialing</b>	40 one touch dials (8 x 5 using scroll key), 1000 speed dials
<b>Groups</b>	32
<b>Broadcast</b>	Maximum 100
<b>Page memory</b>	8MB (approx 400 pages transmit and receive)
INTERFACE AND SOFTWARE	
<b>Connectivity</b>	USB 2.0 Device, 10/100/1000 Ethernet, Host USB x 2, Wireless 802.11a/b/g/n (optional)
<b>Printer languages</b>	PostScript3(Emulation), PCL5c, PCL6(XL), EPSON FX, IBM ProPrinter, XPS, PDF(v1.7)
<b>Network &amp; protocols</b>	All major network protocol supported via ethernet card with internal web server for printer and network card set up and management. TCP/IPv4&v6, AirPrint, Google Cloud Print, NetBIOS over TCP, DHCP, DHCPv6, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SNMPv1&v3, SNT, IPP, IPPS, WSD Print, WSD Scan, LLTD, IEEE802.1X, LPR, Port9100, Telnet, FTP, IPSEC, Secure Protocol Server, LDAP, LDAPS, CIFS, FTP, FTPS, SMTP, SMTPS, POP3, WLAN802.11a/b/g/n, WPA2, Personal, Enterprise
<b>OS Compatibility<sup>1</sup></b>	Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 8.1 (32-bit & 64-bit), Windows Server 2003 (32-bit & 64-bit), Windows Vista (32-bit & 64-bit), Windows Server 2008 (32-bit & 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2012 R2 (64-bit); Linux PPD; Mac OS 10.6.8 - 10.7, 10.8, 10.9, 10.10
<b>Advanced networking &amp; security</b>	IP Filtering, MAC filtering, SSL/TLS, EAP(IEEE802.1X), IPSec
<b>Utility suite<sup>1</sup></b>	Color Correct, OKI LPR <sup>2</sup> , smart PrintSuperVision <sup>2</sup> , Color Swatch <sup>2</sup> , Template Manager <sup>2</sup> , Web Driver Installer <sup>2</sup> , Firmware Update Tool, Front End Installer <sup>2</sup> , Network Extension <sup>2</sup> , Print Job Accounting Client, PS Gamma Adjuster, Profile Assistant <sup>3</sup> , PDF Print Direct <sup>2</sup> , Configuration Tool <sup>2</sup> , ActKey <sup>2</sup> , Network Card Setup <sup>2</sup>
<b>Document management</b>	SENDYS Explorer LITE <sup>2</sup> , ABBYY FineReader 12 Sprint
OPERATOR PANEL	
<b>LCD Touch-screen</b>	7" (17.5cm) LCD colour backlit touch screen & key top; 23 Hard Keys, 2 LEDs
PRINT QUALITY	
<b>Resolution</b>	ProQ 2400 Multi-level technology, 1200 x 600dpi, 600 x 600dpi

<sup>1</sup>Check local OKI Executive Series website for latest driver releases and OS compatibility;

<sup>2</sup>Windows only; <sup>3</sup>Mac only; <sup>4</sup>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.

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TYPEFACES	
<b>Printer fonts</b>	Scalable: 87 PCL fonts & 80 PostScript fonts, 4 PCL fonts (Line Printer, OCR-A/B, USPS ZIP Barcode)
<b>Barcode</b>	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+4POSTNET; 2 types of two dimensions : PDF417, QRcode
PAPER HANDLING	
<b>Paper capacity</b>	<b>Tray 1:</b> 300 sheets of 80gsm; <b>Multi-purpose tray:</b> 100 sheets of 80gsm; <b>RADF:</b> 100 sheets of 80gsm
<b>Paper capacity optional 2nd tray + cabinet</b>	535 sheets of 80gsm (standard on ES8453dnct MFP)
<b>Paper capacity optional 2<sup>nd</sup>/3<sup>rd</sup>/4<sup>th</sup> tray + caster base</b>	1,605 sheets of 80gsm (standard on ES8453dnv MFP)
<b>Maximum paper capacity</b>	2,005 sheets of 80gsm
<b>Paper sizes</b>	<b>Tray 1:</b> A3, A4, A5, A6, B4, B5; <b>Tray 2/3/4:</b> A3, A4, A5, B4, B5; <b>Multi-purpose tray:</b> A3, A4, A5, B4, B5, A6, B6; 11 Envelopes (Com-10, DL, Monarch, C5, C4), Custom size (up to 1321mm length including banner); <b>RADF:</b> A3, A4, A5, A6, B4, B5; <b>Duplex:</b> A3, A4, A5, B4, B5. Supports custom size: Width 148.5-297mm Length: 210-431.8mm
<b>Paper weight</b>	<b>Tray 1:</b> 64 to 220gsm; <b>Tray 2/3/4:</b> 64 to 176gsm; <b>Multi-purpose tray:</b> 64 to 256gsm; <b>RADF:</b> 60 to 120gsm; <b>Duplex:</b> 64 to 220gsm
<b>Duplex</b>	Standard
<b>Paper output</b>	<b>Face up:</b> 100 sheets (80gsm) <b>Face down:</b> 1st bin: 250 sheets (80gsm) 2nd bin: 100 sheets (80gsm)
GENERAL FEATURES	
<b>Memory</b>	<b>Standard RAM:</b> 1.26GB <b>Standard Hard Disk Drive:</b> 250 GB
<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> <850W; <b>Max:</b> <1400W; <b>Idle:</b> <120W (average); <b>Power Save:</b> ≤30W, <b>Deep Sleep:</b> ≤3W
<b>Noise level</b>	<b>Operating:</b> 54dB(A) or less; <b>Standby:</b> 37dB(A); <b>Power save:</b> Background level
<b>Dimensions (HxWxD)</b>	700 x 563 x 600mm
<b>Weight<sup>4</sup></b>	64kg
<b>Duty cycle</b>	<b>Maximum:</b> 60,000 pages/month; <b>Average:</b> 8,000 pages/month
<b>Product order numbers</b>	<b>ES8453dn MFP:</b> 45850414
ACCESSORIES (ORDER NUMBERS)	
<b>Option Tray</b>	45887302
<b>Cabinet</b>	45893702
<b>Caster Base</b>	45889502
<b>Wireless LAN</b>	45830202
CONSUMABLES (ORDER NUMBERS)	
<b>Toner cartridges* (8,800 pages)</b>	Cyan: 45862835; Magenta: 45862834; Yellow: 45862833
<b>Toner cartridge* (14,600 pages)</b>	Black: 45862836
<b>Image drum** (30,000 pages)</b>	Cyan: 44844487; Magenta: 44844486; Yellow: 44844485; Black: 44844488
<b>Transfer Belt (80,000 pages)</b>	44846204
<b>Fuser Unit (100,000 pages)</b>	44848805
<b>Convenience Stapler (3,000 staples)</b>	45513301

\*Toner: Number of A4 pages @ 5% coverage. Printer shipped with toner for 13,600 Black/7,800 CMY A4 pages @ 5% coverage.

\*\*Drum: Average number of A4 pages printed.

# OKI

Open up your dreams